FCC SAR Test Report
(Class II Permissive Change)

Product Name ： Intel® Dual Band Wireless-AC 8265

Model No. ： 8265NGW

Applicant ： RuggON Corporation

Address ： 4F, No. 298, Yang Guang St., Neihu Dist., Taipei City, Taiwan

Date of Receipt ： 2020/03/11

Issued Date ： 2020/04/27

Report No. ： 2030301R-SAUSP22V00

Report Version ： V1.0

Testing Laboratory
3023

Test Report

Issued Date: 2020/04/27
Report No.: 2030301R-SAUSP22V00

Product Name	:	Intel® Dual Band Wireless-AC 8265
Applicant	:	RuggON Corporation
Address	:	4F, No. 298, Yang Guang St., Neihu Dist., Taipei City, Taiwan
Manufacturer	:	Intel Mobile Communications
Model No.	:	8265NGW
Trade Name	:	RuggON
FCC ID	:	2ABTU-8265NGW
Applicable Standard	:	IEEE 1528-2013 KDB 447498 D01 v06 KDB 865664 D01 v01r04
Measurement procedures	:	47CFR § 2.1093 KDB 248227 D01 v02r02 KDB 616217 D04 V01r02 KDB 865664 D01 v01r04 KDB 941225 D01 v03r01 KDB 941225 D05 v02r05
Test Result	:	Max. SAR Measurement (1g) WLAN: **0.657** W/kg WWAN: **1.098** W/kg
Application Type	:	Certification

The above equipment has been tested by DEKRA, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's SAR characteristics under the conditions specified in this report.

Documented By : Anny Chou
(Senior Adm. Specialist / Anny Chou)

Tested By : Vorana Chen
(Senior Engineer / Vorana Chen)

Approved By :
(Director / Vincent Lin)

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1. General Information

1.1 EUT Description

Product Name	Intel® Dual Band Wireless-AC 8265		
Trade Name	RuggON		
Model No.	8265NGW		
FCC ID (WLAN)	2ABTU-8265NGW		
TX Frequency	802.11b/g/n-20MHz:2412MHz~2472MHz, 802.11n-40MHz: 2422MHz~2462MHz 802.11a/n-20:5180-5320MHz,5500-5720MHz, 5745-5825MHz 802.11n-40/MHz: 5190-5310MHz, 5510-5670MHz, 5755-5795MHz 802.11ac-20MHz: 5720MHz, 802.11ac-40MHz: 5710MHz 802.11ac-80MHz: 5210-5290MHz, 5530-5690MHz, 5775MHz BT : 2402 – 2480MHz		
Channel separation	802.11b/g/n-20MHz: 5 MHz, 802.11a/n-20/ac-20MHz: 20MHz 802.11n-40/ac-40MHz: 40MHz, 802.11ac-80MHz: 80MHz BT : 1MHz , BLE : 2MHz		
Number of Channels	802.11b/g/n-20MHz: 13, n-40MHz: 9 802.11a/n-20MHz: 24; 802.11n-40MHz: 11 802.11ac-20MHz: 1, 802.11ac-40MHz: 1,802.11ac-80MHz: 6 BT : 79 , BLE : 40		
Data Rate	802.11b: 1-11Mbps, 802.11a/g: 6-54Mbps, 802.11n: up to 300Mbps 802.11ac-80MHz: up to 866.7Mbps BT : 3Mbps , BLE : 1Mpbs		
Type of Modulation	DSSS/OFDM/BPSK/QPSK/16QAM/64QAM/256QAM FHSS: GFSK(1Mbps) / π /4DQPSK(2Mbps) / 8DPSK(3Mbps)		
Contains FCC ID (WWAN)	2ABTU-EM75S		
TX Frequency	WCDMA Band 2/ LTE Band 2：1850 ~ 1910MHz WCDMA Band 4/ LTE Band 4 : 1710 ~ 1755 MHz WCDMA Band 5/ LTE Band 5：824 ~ 849MHz LTE Band 7 : 2500 ~ 2570 MHz; LTE Band 12 : 699 ~ 716 MHz LTE Band 13 : 777 ~ 787 MHz; LTE Band 14 : 788 ~ 798 MHz LTE Band 26 : 814 ~ 849MHz; LTE Band 41 : 2496 ~ 2690 MHz LTE Band 48 : 3550 ~ 3700MHz; LTE Band 66 : 1710 ~ 1780 MHz		
Type of Modulation	3G-WCDMA: QPSK ; 4G-LTE: QPSK/16-QAM/64-QAM		
Antenna Type	PIFA		
Device Category	Portable		
RF Exposure Environment	Uncontrolled		
Summary of test result –Reported 1g SAR (W/Kg)			
Test configuration	WWAN	WLAN	DSS(BT)
Body-Standalone	1.098	0.657	0.055
Body-Simultaneous	1.845 (SPLSR=0.019)		

* Note: (1) This is to request a Class II permissive change for FCC ID: 2ABTU-8265NGW originally granted on 03/28/2018
The major change filed under this application is:

Change

#1: Implementation in new tablet
Model number: PX501YYYYYY (Y can be any alphanumeric or blank for different marketing)
Product name: TABLET PC

#2: The identification of test sample is PX501.

#3: Reduce the Output Power through firmware, and SAR measurement were evaluated.
(Only reduce Wi-Fi Output Power, Bluetooth Output Power haven't changes).

1.2 Antenna List

No.	Manufacturer	Part No.	Peak Gain
1	Anjie	AJDQ1J-B0024 (WLAN Main)	2.94dBi for 2.4GHz 3.58dBi for 5.15~5.25GHz 3.58dBi for 5.25~5.35GHz 2.85dBi for 5.47~5.725GHz 3.34dBi for 5.725~5.850GHz
2	Anjie	AJQQ1J-W0003 (WLAN Aux)	2.1dBi for 2.4GHz 2.4dBi for 5.15~5.25GHz 2.1dBi for 5.25~5.35GHz 1.7dBi for 5.47~5.725GHz 2.6dBi for 5.725~5.850GHz
3	Anjie	AJLQ1J-B0025 (WWAN Main)	-1.98dBi for 699-798MHz -2.11dBi for 814-849MHz -1.54dBi for 1710-1780MHz -3.14dBi for 1850-1910MHz -2.73dBi for 2496-2690MHz -3.04dBi for 3550-3700MHz
4	Anjie	AJLQ1J-B0015 (WWAN Aux) Only RX	-1.90dBi for 699-798MHz -1.91dBi for 814-849MHz -1.91dBi for 1710-1780MHz -3.64dBi for 1850-1910MHz -2.91dBi for 2496-2690MHz -3.17dBi for 3550-3700MHz

1.3 SAR Test Exclusion Calculation

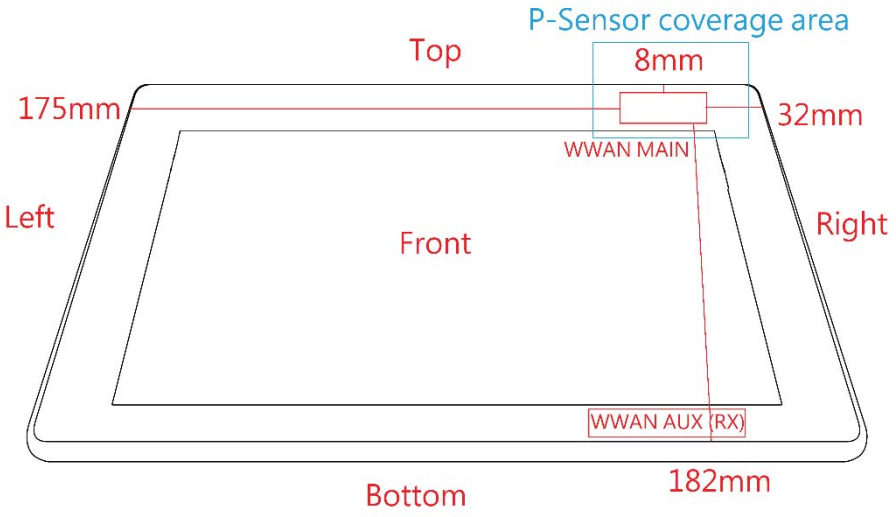
According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz)≤3.0), SAR is required as shown in the table below where calculated values are greater than 3.0 :.

PAD Mode SAR exclusion calculations for WiFi-SISO and Bluetooth for antenna < 50mm from the user :

Antenna	Tx	Frequency (MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (≦3.0 SAR is not required)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
Main	WWAN	750	24.00	251	10	32	175	8	182	5	21.3	6.6	>50mm	26.6	>50mm	42.5
Main	WWAN	850	24.00	251	10	32	175	8	182	5	23.1	7.2	>50mm	28.8	>50mm	46.2
Main	WWAN	1900	24.00	251	10	32	175	8	182	5	34.6	10.8	>50mm	43.3	>50mm	69.2
Main	WWAN	1750	24.00	251	10	32	175	8	182	5	33.2	10.4	>50mm	41.5	>50mm	66.4
Main	WWAN	2600	23.80	240	10	32	175	8	182	5	38.5	12.0	>50mm	48.1	>50mm	76.9
Main	WWAN	3500	23.00	200	10	32	175	8	182	5	38.4	12.0	>50mm	48.0	>50mm	76.8

PAD Mode SAR exclusion calculations for WiFi-SISO and Bluetooth for antenna > 50mm from the user :

Antenna	Tx	Frequency (MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (SAR test exclusion power,mW)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
Main	WWAN	750	24.00	251	10	32	175	8	182	5	<50mm	<50mm	773.9	<50mm	807.3	<50mm
Main	WWAN	850	24.00	251	10	32	175	8	182	5	<50mm	<50mm	866.6	<50mm	906.0	<50mm
Main	WWAN	1900	24.00	251	10	32	175	8	182	5	<50mm	<50mm	1358.8	<50mm	1428.8	<50mm
Main	WWAN	1750	24.00	251	10	32	175	8	182	5	<50mm	<50mm	1363.6	<50mm	1433.6	<50mm
Main	WWAN	2600	23.80	240	10	32	175	8	182	5	<50mm	<50mm	1343.6	<50mm	1413.6	<50mm
Main	WWAN	3500	23.00	200	10	32	175	8	182	5	<50mm	<50mm	1328.0	<50mm	1398.0	<50mm



PAD Mode SAR exclusion calculations for WiFi-SISO and Bluetooth for antenna < 50mm from the user :

Antenna	Tx	Frequency (MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (≦3.0 SAR is not required)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
Main	WiFi	2462	17.5	56	16	218	43	185	7	3	5.5	>50mm	2.1	>50mm	12.6	17.6
Main	WiFi	5240	16	40	16	218	43	185	7	3	5.7	>50mm	2.1	>50mm	13.0	18.2
Main	WiFi	5320	16	40	16	218	43	185	7	3	5.7	>50mm	2.1	>50mm	13.1	18.4
Main	WiFi	5700	16	40	16	218	43	185	7	3	5.9	>50mm	2.2	>50mm	13.6	19.0
Main	WiFi	5825	16	40	16	218	43	185	7	3	6.0	>50mm	2.2	>50mm	13.7	19.2

PAD Mode SAR exclusion calculations for WiFi-SISO and Bluetooth for antenna > 50mm from the user :

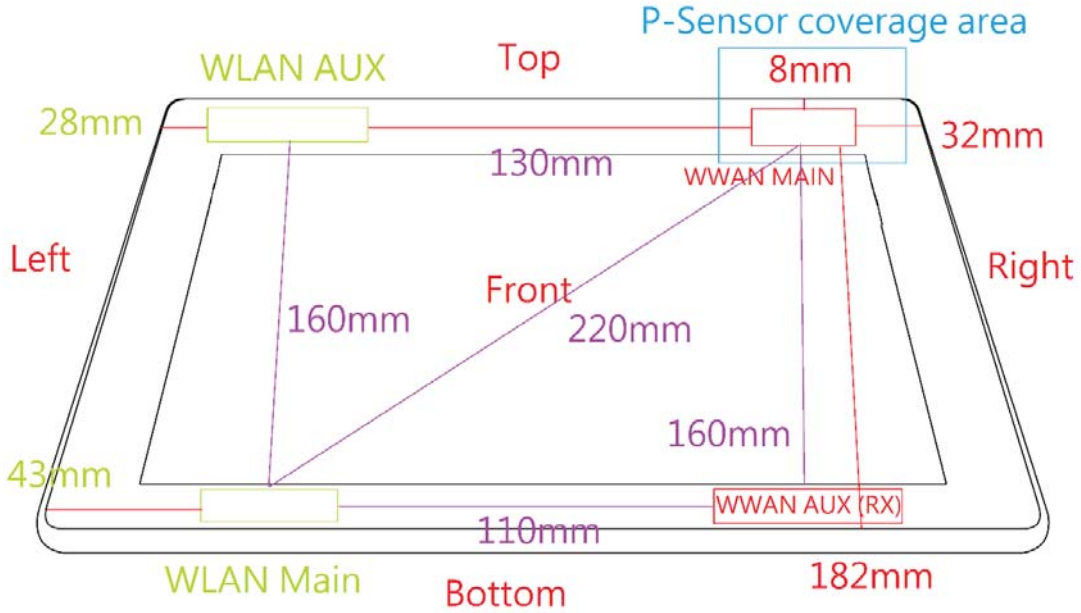
Antenna	Tx	Frequency (MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (SAR test exclusion power,mW)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
Main	WiFi	2462	17.5	56	16	218	43	185	7	3	<50mm	1775.6	<50mm	1445.6	<50mm	<50mm
Main	WiFi	5240	16	40	16	218	43	185	7	3	<50mm	1745.5	<50mm	1415.5	<50mm	<50mm
Main	WiFi	5320	16	40	16	218	43	185	7	3	<50mm	1745.0	<50mm	1415.0	<50mm	<50mm
Main	WiFi	5700	16	40	16	218	43	185	7	3	<50mm	1742.8	<50mm	1412.8	<50mm	<50mm
Main	WiFi	5825	16	40	16	218	43	185	7	3	<50mm	1742.2	<50mm	1412.2	<50mm	<50mm

PAD Mode SAR exclusion calculations for WiFi-SISO and Bluetooth for antenna < 50mm from the user :

Antenna	Tx	Frequency (MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (≦3.0 SAR is not required)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
Aux	WiFi	2462	17.5	56	16	242	28	10	180	3	5.5	>50mm	3.2	8.8	>50mm	17.6
Aux	WiFi	5240	16	40	16	242	28	10	180	3	5.7	>50mm	3.3	9.1	>50mm	18.2
Aux	WiFi	5320	16	40	16	242	28	10	180	3	5.7	>50mm	3.3	9.2	>50mm	18.4
Aux	WiFi	5700	16	40	16	242	28	10	180	3	5.9	>50mm	3.4	9.5	>50mm	19.0
Aux	WiFi	5825	16	40	16	242	28	10	180	3	6.0	>50mm	3.4	9.6	>50mm	19.2
Aux	BT	2480	10.5	11	16	242	28	10	180	3	**1.1**	>50mm	**0.6**	**1.8**	>50mm	3.5

PAD Mode SAR exclusion calculations for WiFi-SISO and Bluetooth for antenna > 50mm from the user :

Antenna	Tx	Frequency (MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (SAR test exclusion power,mW)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
Aux	WiFi	*2462*	17.5	56	16	242	28	10	180	3	<50mm	2015.6	<50mm	<50mm	1395.6	<50mm
Aux	WiFi	*5240*	16	40	16	242	28	10	180	3	<50mm	1985.5	<50mm	<50mm	1365.5	<50mm
Aux	WiFi	*5320*	16	40	16	242	28	10	180	3	<50mm	1985.0	<50mm	<50mm	1365.0	<50mm
Aux	WiFi	*5700*	16	40	16	242	28	10	180	3	<50mm	1982.8	<50mm	<50mm	1362.8	<50mm
Aux	WiFi	5825	16	40	16	242	28	10	180	3	<50mm	1982.2	<50mm	<50mm	1362.2	<50mm
Aux	BT	2480	10.5	11	16	242	28	10	180	3	<50mm	2015.3	<50mm	<50mm	1395.3	<50mm



1.4 Test Environment

Ambient conditions in the laboratory:

Test Mode: WLAN 2.4GHz

Items	Required	Actual
Temperature (°C)	18-25	23.1 ± 2
Humidity (%RH)	30-70	52

Test Mode: WLAN 5GHz

Items	Required	Actual
Temperature (°C)	18-25	23.8 ± 2
Humidity (%RH)	30-70	50

Test Mode: WCDMA Band 2

Items	Required	Actual
Temperature (°C)	18-25	23.6 ± 2
Humidity (%RH)	30-70	51

Test Mode: WCDMA Band 4

Items	Required	Actual
Temperature (°C)	18-25	23.4 ± 2
Humidity (%RH)	30-70	50

Test Mode: WCDMA Band 5

Items	Required	Actual
Temperature (°C)	18-25	23.8 ± 2
Humidity (%RH)	30-70	53

Test Mode: LTE Band 2

Items	Required	Actual
Temperature (°C)	18-25	23.6 ± 2
Humidity (%RH)	30-70	51

Test Mode: LTE Band 4

Items	Required	Actual
Temperature (°C)	18-25	23.4 ± 2
Humidity (%RH)	30-70	50

Test Mode: LTE Band 5

Items	Required	Actual
Temperature (°C)	18-25	23.8 ± 2
Humidity (%RH)	30-70	53

Test Mode: LTE Band 7

Items	Required	Actual
Temperature (°C)	18-25	23.0 ± 2
Humidity (%RH)	30-70	52

Test Mode: LTE Band 12

Items	Required	Actual
Temperature (°C)	18-25	23.7 ± 2
Humidity (%RH)	30-70	51

Test Mode: LTE Band 13

Items	Required	Actual
Temperature (°C)	18-25	23.7 ± 2
Humidity (%RH)	30-70	51

Test Mode: LTE Band 14

Items	Required	Actual
Temperature (°C)	18-25	23.7 ± 2
Humidity (%RH)	30-70	51

Test Mode: LTE Band 26

Items	Required	Actual
Temperature (°C)	18-25	23.8 ± 2
Humidity (%RH)	30-70	53

Test Mode: LTE Band 41

Items	Required	Actual
Temperature (°C)	18-25	23.0 ± 2
Humidity (%RH)	30-70	52

Test Mode: LTE Band 48

Items	Required	Actual
Temperature (°C)	18-25	23.6 ± 2
Humidity (%RH)	30-70	50

Test Mode: LTE Band 66

Items	Required	Actual
Temperature (°C)	18-25	23.4 ± 2
Humidity (%RH)	30-70	50

USA : FCC Registration Number: TW3023

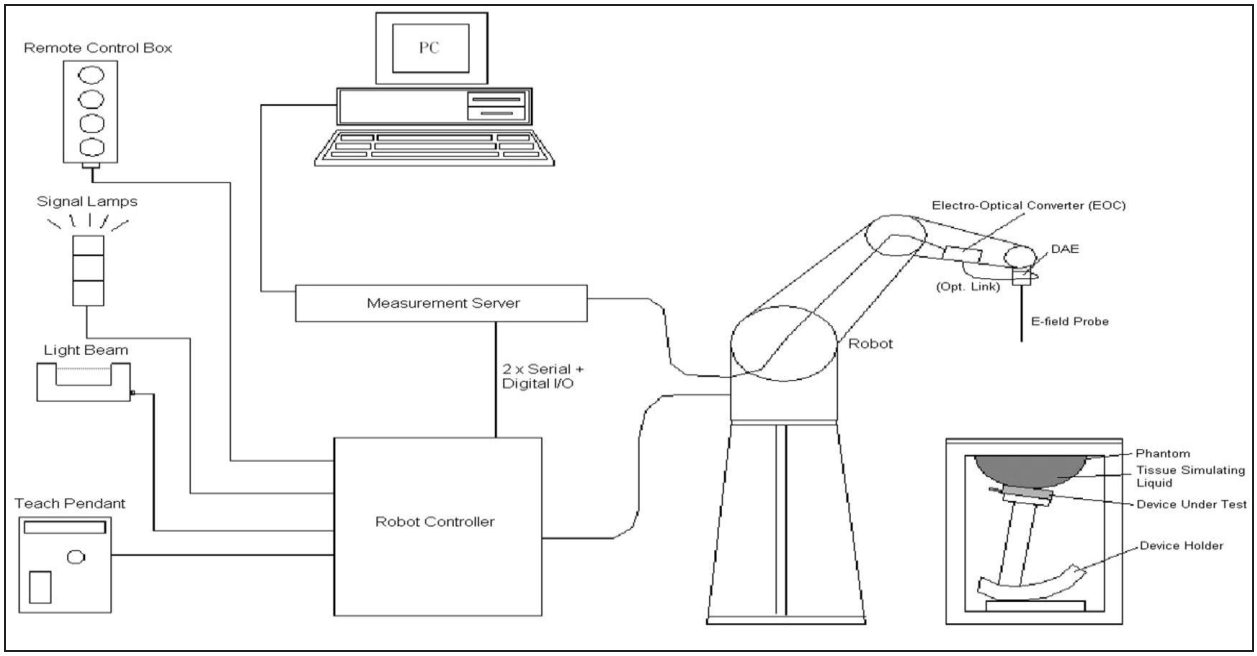
Canada : IC Registration Number: 4075A

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No.5-22, Ruishukeng, Linkou Dist.,
New Taipei City 24451, Taiwan, R.O.C.
Phone number : 886-2-8601-3788
Fax number : 886-2-8601-3789
Email address : info.tw@dekra.com
Website : http://www.dekra.com.tw

2. SAR Measurement System

2.1 DASY5 System Description



The DASY5 system for performing compliance tests consists of the following items:

- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running WinXP and the DASY5 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

2.1.1 Applications

Predefined procedures and evaluations for automated compliance testing with all worldwide standards, e.g., IEEE 1528, OET 65, IEC 62209-1, IEC 62209-2, EN 50360, EN 50383 and others.

2.1.2 Area Scans

Area scans are defined prior to the measurement process being executed with a user defined variable spacing between each measurement point (integral) allowing low uncertainty measurements to be conducted. Scans defined for FCC applications utilize a $10mm^2$ step integral, with 1mm interpolation used to locate the peak SAR area used for zoom scan assessments.

When an Area Scan has measured all reachable points, it computes the field maxima found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE 1528-2013, EN 50361 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan).

2.1.3 Zoom Scan (Cube Scan Averaging)

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. A density of 1000 kg/m^3 is used to represent the head and body tissue density and not the phantom liquid density, in order to be consistent with the definition of the liquid dielectric properties, i.e. the side length of the 1 g cube is 10mm, with the side length of the 10 g cube 21,5mm.

The zoom scan integer steps can be user defined so as to reduce uncertainty, but normal practice for typical test applications (including FCC) utilize a physical step of 5x5x7 (8mmx8mmx5mm) providing a volume of 32mm in the X & Y axis, and 30mm in the Z axis.

2.1.4 Uncertainty of Inter-/Extrapolation and Averaging

In order to evaluate the uncertainty of the interpolation, extrapolation and averaged SAR calculation algorithms of the Postprocessor, DASY5 allows the generation of measurement grids which are artificially predefined by analytically based test functions. Therefore, the grids of area scans and zoom scans can be filled with uncertainty test data, according to the SAR benchmark functions of IEEE 1528.The three analytical functions shown in equations as below are used to describe the possible range of the expected SAR distributions for the tested handsets. The field gradients are covered by the spatially flat

distribution f1, the spatially steep distribution f3 and f2 accounts for H-field cancellation on the phantom/tissue surface.

$$f_1(x,y,z) = Ae^{-\frac{z}{2a}}\cos^2\left(\frac{\pi}{2}\frac{\sqrt{x'^2+y'^2}}{5a}\right)$$

$$f_2(x,y,z) = Ae^{-\frac{z}{a}}\frac{a^2}{a^2+x'^2}\left(3-e^{-\frac{2z}{a}}\right)\cos^2\left(\frac{\pi}{2}\frac{y'}{3a}\right)$$

$$f_3(x,y,z) = A\frac{a^2}{\frac{a^2}{4}+x'^2+y'^2}\left(e^{-\frac{2z}{a}}+\frac{a^2}{2(a+2z)^2}\right)$$

2.2 DASY5 E-Field Probe

The SAR measurement is conducted with the dosimetric probe manufactured by SPEAG. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency.

SPEAG conducts the probe calibration in compliance with international and national standards (e.g. IEEE 1528, EN 62209-1, IEC 62209, etc.) under ISO 17025. The calibration data are in Appendix D.

2.2.1 Isotropic E-Field Probe Specification

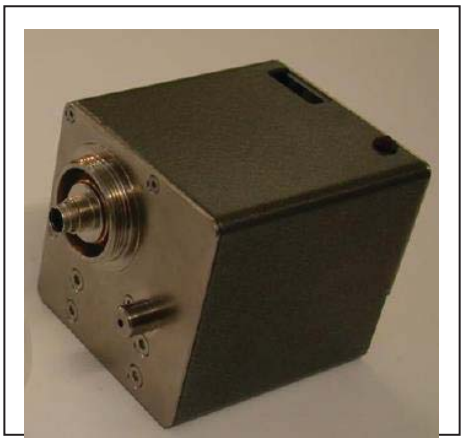
Model	Ex3DV4	
Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	10 MHz to 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)	
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)	
Dynamic Range	10 µW/g to 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)	
Dimensions	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.	

2.3 Boundary Detection Unit and Probe Mounting Device

The DASY probes use a precise connector and an additional holder for the probe, consisting of a plastic tube and a flexible silicon ring to center the probe. The connector at the DAE is flexibly mounted and held in the default position with magnets and springs. Two switching systems in the connector mount detect frontal and lateral probe collisions and trigger the necessary software response.

2.4 DATA Acquisition Electronics (DAE) and Measurement Server

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder and control logic unit.
Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.
The input impedance of the DAE4 is 200M Ohm; the inputs are symmetrical and floating. Common mode rejection is above 80dB.



The DASY5 measurement server is based on a PC/104 CPU board with a 400MHz intel ULV Celeron, 128MB chipdisk and 128MB RAM. The necessary circuits for communication with the DAE electronics box, as well as the 16 bit AD converter system for optical detection and digital I/O interface are contained on the DASY5 I/O board, which is directly connected to the PC/104 bus of the CPU board.

2.5 Robot

The DASY5 system uses the high precision robots TX90 XL type out of the newer series from Stäubli SA (France). For the 6-axis controller DASY5 system, the CS8C robot controller version from Stäubli is used.
The XL robot series have many features that are important for our application:

- High precision (repeatability 0.02 mm)
- High reliability (industrial design)
- Jerk-free straight movements
- Low ELF interference (the closed metallic construction shields against motor control fields)
- 6-axis controller

2.6 Light Beam Unit

The light beam switch allows automatic "tooling" of the probe. During the process, the actual position of the probe tip with respect to the robot arm is measured, as well as the probe length and the horizontal probe offset. The software then corrects all movements, such that the robot coordinates are valid for the probe tip.
The repeatability of this process is better than 0.1 mm. If a position has been taught with an aligned probe, the same position will be reached with another aligned probe within 0.1 mm, even if the other probe has different dimensions. During probe rotations, the probe tip will keep its actual position.

2.7 Device Holder

The DASY5 device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation center for both scales is the ear reference point (EPR).

Thus the device needs no repositioning when changing the angles.

The DASY5 device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity εr =3 and loss tangent δ = 0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

2.8 SAM Twin Phantom

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas:

- Left head
- Right head
- Flat phantom

The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

3. Tissue Simulating Liquid

3.1 The composition of the tissue simulating liquid

INGREDIENT (% Weight)	750MHz Head	1750MHz Head	1950MHz Head	2450MHz Head	2600MHz Head	3500MHz Head	3700MHz Head	5200MHz Head	5800MHz Head
Water	40.45	52.55	54.90	46.70	44.53	44.53	44.53	67.63	68.29
Salt	1.45	0.34	0.18	0	0.17	0.05	0	0	0
Sugar	57.60	0	0	0	0	0	0	0	0
HEC	0.40	0	0	0	0	0	0	0	0
Preventol	0.10	0	0	0	0	0	0	0	0
DGBE	0	47.50	44.92	53.30	55.30	55.3	55.3	3.38	2.44
Triton X-100	0	0	0	0	0	0	0	28.99	29.27

3.2 Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using APREL Dielectric Probe Kit and Agilent E5071C Vector Network Analyzer.

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε_r	σ [s/m]	
750 MHz	Reference result ± 5% window	41.9 39.81 to 44	0.89 0.85 to 0.93	N/A
	11-Apr-20	42.46	0.88	22.6
821.5 MHz	Channel 26765	41.85	0.90	22.6
826.4 MHz	Channel 4132	41.77	0.90	22.6
829.0 MHz	Channel 20450	41.73	0.90	22.6
831.5 MHz	Channel 26865	41.69	0.91	22.6
836.5 MHz	Channel 20525	41.67	0.91	22.6
836.6 MHz	Channel 4183	41.65	0.91	22.6
841.5 MHz	Channel 26965	41.60	0.91	22.6
844.0 MHz	Channel 20600	41.58	0.91	22.6
846.6 MHz	Channel 4233	41.53	0.91	22.6

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε r	σ [s/m]	
5200MHz	Reference result ± 5% window	36.00 34.20 to 37.80	4.66 4.43 to 4.89	N/A
	13-Apr-20	36.52	4.79	22.4
5190 MHz	Channel 38	36.64	4.78	22.4
5230 MHz	Channel 46	36.31	4.83	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε r	σ [s/m]	
5300MHz	Reference result ± 5% window	35.9 34.11 to 37.70	4.76 4.52 to 5.00	N/A
	13-Apr-20	35.62	4.90	22.4
5270 MHz	Channel 54	35.94	4.86	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε r	σ [s/m]	
5600MHz	Reference result ± 5% window	35.5 33.73 to 37.28	5.07 4.82 to 5.32	N/A
	13-Apr-20	35.78	5.25	22.4
5610 MHz	Channel 122	35.70	5.26	22.4
5690 MHz	Channel 138	34.85	5.30	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε r	σ [s/m]	
5800MHz	Reference result ± 5% window	35.3 33.54 to 37.07	5.27 5.01 to 5.53	N/A
	13-Apr-20	35.22	5.45	22.4
5775 MHz	Channel 155	35.31	5.43	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε_r	σ [s/m]	
750 MHz	Reference result ± 5% window	41.9 39.81 to 44	0.89 0.85 to 0.93	N/A
	15-Apr-20	42.43	0.88	22.4
704 MHz	Channel 23060	42.92	0.86	22.4
707.5 MHz	Channel 23095	42.89	0.86	22.4
711 MHz	Channel 23130	42.84	0.87	22.4
782 MHz	Channel 23230	42.17	0.89	22.4
793 MHz	Channel 23330	42.05	0.89	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε r	σ [s/m]	
1950MHz	Reference result ± 5% window	40 38 to 42	1.4 1.33 to 1.47	N/A
	17-Apr-20	40.36	1.42	22.4
1852.4 MHz	Channel 9262	41.18	1.34	22.4
1860 MHz	Channel 18700	41.12	1.36	22.4
1880 MHz	Channel 9400	40.93	1.37	22.4
1880 MHz	Channel 18900	40.93	1.37	22.4
1900 MHz	Channel 19100	40.79	1.39	22.4
1907.6 MHz	Channel 9538	40.67	1.40	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε r	σ [s/m]	
1750MHz	Reference result ± 5% window	40.1 38.1 to 42.11	1.37 1.30 to 1.44	N/A
	18-Apr-20	40.62	1.38	22.3
1712.4 MHz	Channel 1312	41.12	1.33	22.3
1720 MHz	Channel 20050	40.97	1.34	22.3
1720 MHz	Channel 132072	40.97	1.34	22.3
1732.5 MHz	Channel 20175	40.83	1.35	22.3
1732.6 MHz	Channel 1413	40.81	1.35	22.3
1745 MHz	Channel 20300	40.74	1.37	22.3
1745 MHz	Channel 132322	40.74	1.37	22.3
1752.6 MHz	Channel 1513	40.57	1.38	22.3
1770 MHz	Channel 132572	40.38	1.40	22.3

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε_r	σ [s/m]	
3500 MHz	Reference result ± 5% window	37.9 36.01 to 39.80	2.91 2.76 to 3.06	N/A
	20-Apr-20	38.14	2.87	22.4
3560 MHz	Channel 55340	37.70	2.95	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε_r	σ [s/m]	
3700 MHz	Reference result ± 5% window	37.7 35.82 to 39.59	3.12 2.96 to 3.27	N/A
	20-Apr-20	37.18	3.08	22.4
3625 MHz	Channel 55990	37.66	2.99	22.4
3690 MHz	Channel 56640	37.25	3.06	22.4

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε_r	σ [s/m]	
2600 MHz	Reference result ± 5% window	39 37.05 to 40.95	1.96 1.86 to 2.06	N/A
	21-Apr-20	39.28	1.95	21.9
2506 MHz	Channel 39750	40.24	1.88	21.9
2510 MHz	Channel 20850	40.19	1.88	21.9
2535 MHz	Channel 21100	39.95	1.91	21.9
2560 MHz	Channel 21350	39.78	1.92	21.9
2680 MHz	Channel 41490	38.57	2.03	21.9
2593 MHz	Channel 40620	39.39	1.94	21.9

Head Tissue Simulate Measurement				
Frequency [MHz]	Description	Dielectric Parameters		Tissue Temp. [°C]
		ε_r	σ [s/m]	
2450 MHz	Reference result ± 5% window	39.2 37.24 to 41.16	1.8 1.71 to 1.89	N/A
	22-Apr-20	40.06	1.83	21.9
2402 MHz	Channel 0	40.62	1.76	21.9
2412 MHz	Channel 1	40.48	1.78	21.9
2437 MHz	Channel 6	40.23	1.81	21.9
2462 MHz	Channel 11	39.88	1.85	21.9

3.3 Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEC 62209-1 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head tissue parameters that have not been specified are interpolated according to the head parameters specified in IEC 62209-1

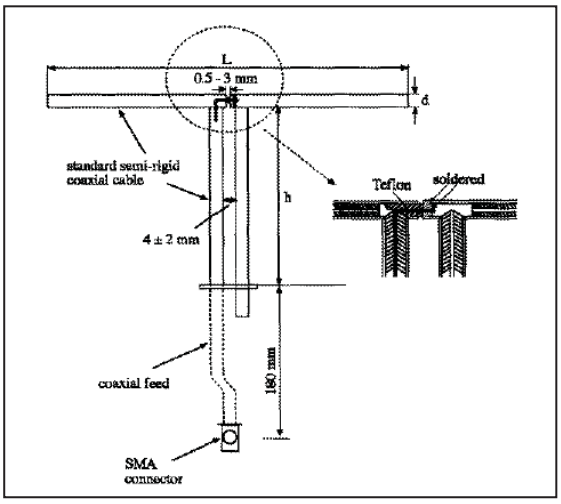
Target Frequency	Head	
(MHz)	ε_r	σ (S/m)
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1450	40.5	1.20
1640	40.2	1.31
1750	40.1	1.37
1800 – 2000	40.0	1.40
2450	39.2	1.80
3000	38.5	2.40
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.3	5.27
5800	35.3	5.27
6000	35.1	5.48

(ε_r = relative permittivity, σ = conductivity and ρ = 1000 kg/m^3)

4. SAR Measurement Procedure

4.1 SAR System Check

4.1.1 Dipoles



The dipoles used is based on the IEEE-1528 standard, and is complied with mechanical and electrical specifications in line with the requirements of both IEEE and FCC Supplement C. the table below provides details for the mechanical and electrical specifications for the dipoles.

Frequency	L (mm)	h (mm)	d (mm)
750MHz	176.0	100.0	6.35
1750MHz	75.2	42.9	3.6
1950MHz	66.3	38.5	3.6
2450MHz	51.5	30.4	3.6
2600MHz	48.5	28.8	3.6
3500MHz	37.0	26.4	3.6
3700MHz	34.7	26.4	3.6
5200M~5800MHz	20.6	40.3	3.6

4.1.2 System Check Result

System Performance Check at 750MHz
Dipole Kit: D750V3

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
750 MHz	Reference result ± 10% window	8.22 7.40 to 9.04	5.35 4.82 to 5.89	N/A
	11-Apr-20	8.36	5.44	22.6

Note: (1) The power level is used 250mW
(2) All SAR values are normalized to 1W forward power.
(3) The reference result is from Appendix E.

System Performance Check at 750MHz, 1750MHz, 1950MHz, 2450MHz

Dipole Kit: D750V3

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
750 MHz	Reference result ± 10% window	8.22 7.40 to 9.04	5.35 4.82 to 5.89	N/A
	15-Apr-20	8.24	5.28	22.4

Dipole Kit: D1750V2

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
1750 MHz	Reference result ± 10% window	37.30 33.57 to 41.03	19.6 17.64 to 21.56	N/A
	18-Apr-20	37.8	19.68	22.3

Dipole Kit: D1950V3

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
1950 MHz	Reference result ± 10% window	39.7 35.73 to 43.67	20.7 18.63 to 22.77	N/A
	17-Apr-20	41.2	20.92	22.4

Dipole Kit: D2450V2

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
2450 MHz	Reference result ± 10% window	53.1 47.79 to 58.41	24.6 22.14 to 27.06	N/A
	22-Apr-20	52.4	23.64	21.9

Note: (1) The power level is used 250mW
(2) All SAR values are normalized to 1W forward power.
(3) The reference result is from Appendix E.

System Performance Check at 2600MHz, 3500MHz, 3700MHz

Dipole Kit: ALS-D-2600

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
2600 MHz	Reference result ± 10% window	57.9 52.11 to 63.69	25.7 23.13 to 28.27	N/A
	21-Apr-20	60.4	26.52	21.9

Dipole Kit: ALS-D-3500

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
3500 MHz	Reference result ± 10% window	63.3 56.97 to 69.63	22.7 20.43 to 24.97	N/A
	20-Apr-20	67.6	24.48	22.4

Dipole Kit: D3700V2

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
3700 MHz	Reference result ± 10% window	67.5 60.75 to 74.25	24.3 21.87 to 26.73	N/A
	20-Apr-20	68.0	24.6	22.4

Note: (1) The power level is used 250mW
(2) All SAR values are normalized to 1W forward power.
(3) The reference result is from Appendix E.

System Performance Check at 5200MHz, 5300MHz, 5600MHz and 5800MHz

Dipole Kit: D5GHzV2

Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
5200 MHz	Reference result ± 10% window	81.4 73.26 to 89.54	23.2 20.88 to 25.52	N/A
	13-Apr-20	81.1	23.5	22.4
Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
5300 MHz	Reference result ± 10% window	83.0 74.70 to 91.30	23.8 21.42 to 26.18	N/A
	13-Apr-20	88.7	24.7	22.4
Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
5600 MHz	Reference result ± 10% window	86.7 78.03 to 95.37	24.5 22.05 to 26.95	N/A
	13-Apr-20	85.2	24.1	22.4
Frequency [MHz]	Description	SAR [w/kg] 1g	SAR [w/kg] 10g	Tissue Temp. [°C]
5800 MHz	Reference result ± 10% window	83.1 74.79 to 91.41	23.5 21.15 to 25.85	N/A
	13-Apr-20	77.3	21.8	22.4

Note: (1) The power level is used 100mW
(2) All SAR values are normalized to 1W forward power.
(3) The reference result is from Appendix E.

4.2 SAR Measurement Procedure

The Dasy5 calculates SAR using the following equation,

$$SAR = \frac{\sigma |E|^2}{\rho}$$

σ: represents the simulated tissue conductivity

ρ: represents the tissue density

The EUT is set to transmit at the required power in line with product specification, at each frequency relating to the LOW, MID, and HIGH channel settings.

Pre-scans are made on the device to establish the location for the transmitting antenna, using a large area scan in either air or tissue simulation fluid.

The EUT is placed against the Universal Phantom where the maximum area scan dimensions are larger than the physical size of the resonating antenna. When the scan size is not large enough to cover the peak SAR distribution, it is modified by either extending the area scan size in both the X and Y directions, or the device is shifted within the predefined area.

The area scan is then run to establish the peak SAR location (interpolated resolution set at $1mm^2$)which is then used to orient the center of the zoom scan. The zoom scan is then executed and the 1g and 10g averages are derived from the zoom scan volume (interpolated resolution set at $1mm^3$).

5. SAR Exposure Limits

SAR assessments have been made in line with the requirements of IEEE-1528, FCC Supplement C, and comply with ANSI/IEEE C95.1-1992 “Uncontrolled Environments” limits. These limits apply to a location which is deemed as “Uncontrolled Environment” which can be described as a situation where the general public may be exposed to an RF source with no prior knowledge or control over their exposure.

Limits for General Population/Uncontrolled Exposure (W/kg)

Type Exposure	Uncontrolled Environment Limit
Spatial Peak SAR (1g cube tissue for brain or body)	**1.60 W/kg**
Spatial Average SAR (whole body)	**0.08 W/kg**
Spatial Peak SAR (10g for hands, feet, ankles and wrist)	**4.00 W/kg**

6. Test Equipment List

Instrument	Manufacturer	Model No.	Serial No.	Last Calibration	Next Calibration
Stäubli Robot TX60L	Stäubli	TX60L	F09/5BL1A1/A06	2009/05/18	only once
Controller	Speag	CS8c	N/A	2009/05/18	only once
Reference Dipole 750MHz	Speag	D750V3	1031	2017/05/22	2020/05/21
Reference Dipole 1750MHz	Speag	D1750V2	1113	2019/11/21	2022/11/20
Reference Dipole 1950MHz	Speag	D1950V3	1213	2019/11/05	2022/11/04
Reference Dipole 2450MHz	Speag	D2450V2	930	2019/11/21	2022/11/20
Reference Dipole 2600MHz	Speag	ALS-D-2600	QTK-225	2019/05/14	2022/05/13
Reference Dipole 3500MHz	Speag	ALS-D-3500	QTK-228	2019/05/13	2022/05/12
Reference Dipole 3700MHz	Speag	D3700V2	1056	2019/11/04	2022/11/03
Reference Dipole 5GHz	Speag	D5GHzV2	1041	2017/05/26	2020/05/25
SAM Twin Phantom	Speag	QD000 P40 CA	Tp 1515	N/A	N/A
Device Holder	Speag	N/A	N/A	N/A	N/A
Data Acquisition Electronic	Speag	DAE4	1207	2019/11/14	2020/11/13
E-Field Probe	Speag	EX3DV4	3698	2019/11/22	2020/11/21
SAR Software	Speag	DASY52	V52.10.0.1446	N/A	N/A
Aprel Dipole Spaccer	Aprel	ALS-DS-U	QTK-295	N/A	N/A
Power Amplifier	Mini-Circuit	ZHL-42	D051404-20	N/A	N/A
Directional Coupler	Agilent	87300C	MY44300353	N/A	N/A[1]
Attenuator	Woken	WATT-218FS-10	N/A	N/A	N/A[1]
Attenuator	Mini-Circuit	BW-S20W2+	N/A	N/A	N/A[1]
Universal Radio Communication	R&S	CMU200	104846	2019/08/11	2020/08/10
Universal Radio Communication Tester	Anritsu	MT8820C	6201465467	2019/07/30	2020/07/29
Vector Network	Agilent	E5071C	MY46106342	2019/09/09	2020/09/08
Signal Generator	Anritsu	MG3694A	041902	2019/08/23	2020/08/22
Power Meter	Anritsu	ML2487A	6K00001447	2019/10/24	2020/10/23
Wide Bandwidth Sensor	Anritsu	MA2411B	1339194	2019/10/24	2020/10/23

Note: 1. System Check, the path loss measured by the network analyzer, includes the signal generator, amplifier, cable, attenuator and directional coupler.

Note:

Per KDB 865664 D01 requirements for dipole calibration, the following are recommended FCC procedures for SAR dipole calibration.

1. After a dipole is damaged and properly repaired to meet required specifications.

2. When the measured SAR deviates from the calibrated SAR value by more than 10% due to changes in physical, mechanical, electrical or other relevant dipole conditions.

3. When the most recent return-loss, measured at least annually, deviates by more than 20% from the previous measurement (i.e. 0.2 of the dB value) or not meeting the required -20 dB return-loss specification.

	Frequency	Tissue	Return loss	Limit	Verified Date
Calibration	750	Head	-26.18dB	Within 20%	2017.05.22
Measurement	750	Head	-25.72dB		2018.06.06
Measurement	750	Head	-25.92dB		2019.06.03

	Frequency	Tissue	Return loss	Limit	Verified Date
Calibration	5200	Head	-21.63dB	Within 20%	2017.05.26
Measurement	5200	Head	-24.03dB		2018.05.25
Measurement	5200	Head	-23.75dB		2019.05.25

	Frequency	Tissue	Return loss	Limit	Verified Date
Calibration	5300	Head	-29.02dB	Within 20%	2017.05.26
Measurement	5300	Head	-30.41dB		2018.05.25
Measurement	5300	Head	-27.09dB		2019.05.25

	Frequency	Tissue	Return loss	Limit	Verified Date
Calibration	5600	Head	-25.73dB	Within 20%	2017.05.26
Measurement	5600	Head	-24.74dB		2018.05.25
Measurement	5600	Head	-23.33dB		2019.05.25

	Frequency	Tissue	Return loss	Limit	Verified Date
Calibration	5800	Head	-24.65dB	Within 20%	2017.05.26
Measurement	5800	Head	-23.05dB		2018.05.25
Measurement	5800	Head	-20.12dB		2019.05.25

4. When the most recent measurement of the real or imaginary parts of the impedance, measured at least annually, deviates by more than 5 Ω from the previous measurement:

	Frequency	Tissue	Impedance	Limit	Verified Date
Calibration	750	Head	55.05	Within 5Ω	2017.05.22
Measurement	750	Head	53.86		2018.06.06
Measurement	750	Head	53.66		2019.06.03

	Frequency	Tissue	Impedance	Limit	Verified Date
Calibration	5200	Head	49.84	Within 5Ω	2017.05.26
Measurement	5200	Head	50.84		2018.05.25
Measurement	5200	Head	51.81		2019.05.25

	Frequency	Tissue	Impedance	Limit	Verified Date
Calibration	5300	Head	47.97	Within 5Ω	2017.05.26
Measurement	5300	Head	51.87		2018.05.25
Measurement	5300	Head	51.84		2019.05.25

	Frequency	Tissue	Impedance	Limit	Verified Date
Calibration	5600	Head	55.19	Within 5Ω	2017.05.26
Measurement	5600	Head	51.14		2018.05.25
Measurement	5600	Head	54.82		2019.05.25

	Frequency	Tissue	Impedance	Limit	Verified Date
Calibration	5800	Head	56.20	Within 5Ω	2017.05.26
Measurement	5800	Head	53.52		2018.05.25
Measurement	5800	Head	54.96		2019.05.25

7. Measurement Uncertainty

DASY5 Uncertainty (According to IEEE 1528-2013) Measurement uncertainty for 30 MHz to 3 GHz								
Error Description	Uncert. value	Prob. Dist.	Div.	(c_i) 1g	(c_i) 10g	Std. Unc. (1g)	Std. Unc. (10g)	(v_i) v_{eff}
Measurement System								
Probe Calibration	±6%	N	1	1	1	±6.0%	±6.0%	∞
Axial Isotropy	±4.7%	R	√3	0.7	0.7	±1.9%	±1.9%	∞
Hemispherical Isotropy	±9.6%	R	√3	0.7	0.7	±3.9%	±3.9%	∞
Boundary Effects	±1.0%	R	√3	1	1	±0.6%	±0.6%	∞
Linearity	±4.7%	R	√3	1	1	±2.7%	±2.7%	∞
System Detection Limits	±1.0%	R	√3	1	1	±0.6%	±0.6%	∞
Modulation Response	±2.4%	R	√3	1	1	±1.4%	±1.4%	∞
Readout Electronics	±0.3%	N	1	1	1	±0.3%	±0.3%	∞
Response Time	±0.8%	R	√3	1	1	±0.5%	±0.5%	∞
Integration Time	±2.6%	R	√3	1	1	±1.5%	±1.5%	∞
RF Ambient Noise	±3.0%	R	√3	1	1	±1.7%	±1.7%	∞
RF Ambient Reflections	±3.0%	R	√3	1	1	±1.7%	±1.7%	∞
Probe Positioner	±0.4%	R	√3	1	1	±0.2%	±0.2%	∞
Probe Positioning	±2.9%	R	√3	1	1	±1.7%	±1.7%	∞
Max. SAR Eval.	±4.0%	R	√3	1	1	±1.2%	±1.2%	∞
Test Sample Related								
Device Positioning	±2.9%	N	1	1	1	±2.9%	±2.9%	145
Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%	5
Power Drift	±5.0%	R	√3	1	1	±2.9%	±2.9%	∞
Power Scaling	±0%	R	√3	1	1	±0.0%	±0.0%	
Phantom and Setup								
Phantom Uncertainty	±6.1%	R	√3	1	1	±3.5%	±3.5%	∞
SAR correction	±1.9%	R	√3	1	0.84	±1.1%	±0.9%	∞
Liquid Conductivity (meas.)	±2.5%	R	√3	0.78	0.71	±1.1%	±1.0%	∞
Liquid Permittivity (meas.)	±2.5%	R	√3	0.26	0.26	±0.3%	±0.4%	∞
Temp. unc. - Conductivity	±3.4%	R	√3	0.78	0.71	±1.5%	±1.4%	∞
Temp. unc. - Permittivity	±0.4%	R	√3	0.23	0.26	±0.1%	±0.1%	∞
Combined Std. Uncertainty						±11.2%	±11.1%	361
Expanded STD Uncertainty						±22.3%	±22.2%	

DASY5 Uncertainty (According to IEEE 1528-2013) Measurement uncertainty for 3GHz to 6 GHz								
Error Description	Uncert. value	Prob. Dist.	Div.	(c_i) 1g	(c_i) 10g	Std. Unc. (1g)	Std. Unc. (10g)	(v_i) v_{eff}
Measurement System								
Probe Calibration	±6.55%	N	1	1	1	±6.55%	±6.55%	∞
Axial Isotropy	±4.7%	R	√3	0.7	0.7	±1.9%	±1.9%	∞
Hemispherical Isotropy	±9.6%	R	√3	0.7	0.7	±3.9%	±3.9%	∞
Boundary Effects	±2.0%	R	√3	1	1	±1.2%	±1.2%	∞
Linearity	±4.7%	R	√3	1	1	±2.7%	±2.7%	∞
System Detection Limits	±1.0%	R	√3	1	1	±0.6%	±0.6%	∞
Modulation Response	±2.4%	R	√3	1	1	±1.4%	±1.4%	∞
Readout Electronics	±0.3%	N	1	1	1	±0.3%	±0.3%	∞
Response Time	±0.8%	R	√3	1	1	±0.5%	±0.5%	∞
Integration Time	±2.6%	R	√3	1	1	±1.5%	±1.5%	∞
RF Ambient Noise	±3.0%	R	√3	1	1	±1.7%	±1.7%	∞
RF Ambient Reflections	±3.0%	R	√3	1	1	±1.7%	±1.7%	∞
Probe Positioner	±0.8%	R	√3	1	1	±0.5%	±0.5%	∞
Probe Positioning	±6.7%	R	√3	1	1	±3.9%	±3.9%	∞
Post-processing	±4.0%	R	√3	1	1	±2.3%	±2.3%	∞
Test Sample Related								
Device Positioning	±2.9%	N	1	1	1	±2.9%	±2.9%	145
Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%	5
Power Drift	±5.0%	R	√3	1	1	±2.9%	±2.9%	∞
Power Scaling	±0%	R	√3	1	1	±0.0%	±0.0%	
Phantom and Setup								
Phantom Uncertainty	±6.6%	R	√3	1	1	±3.8%	±3.8%	∞
SAR correction	±1.9%	R	√3	1	1	±1.1%	±0.9%	∞
Liquid Conductivity (meas.)	±2.5%	R	√3	1	0.84	±1.1%	±1.0%	∞
Liquid Permittivity (meas.)	±2.5%	R	√3	0.26	0.26	±0.3%	±0.4%	∞
Temp. unc. - Conductivity	±3.4%	R	√3	0.78	0.71	±1.5%	±1.4%	∞
Temp. unc. - Permittivity	±0.4%	R	√3	0.23	0.26	±0.1%	±0.1%	∞
Combined Std. Uncertainty						±12.3%	±12.2%	748
Expanded STD Uncertainty						±24.6%	±24.5%	

8. Conducted Power Measurement (Including tolerance allowed for production unit)

WLAN 2.4G 2TX SISO

	Frequency	Mode	BW	SISO-Main(TX1)				SISO-Aux(TX2)			
				CH	PK Power	AV Power	AV Target	CH	PK Power	AV Power	AV Target
DSSS/OFDM mode specified maximum output power at an antenna port	WLAN 2.4GHz	b	20	1	19.83	17.04	17.5	1	19.88	17.16	17.5
				6	20.14	17.29	17.5	6	19.99	17.33	17.5
				11	20.07	17.27	17.5	11	19.91	17.22	17.5
				12	17.14	14.33	14.5	12	17.93	15.18	15.5
				13	11.27	7.91	8	13	10.73	8.11	8.5
		g	20	1	21.60	16.40	16.5	1	22.34	17.26	17.5
				6	22.53	17.42	17.5	6	22.56	17.36	17.5
				11	22.02	16.92	17	11	22.40	17.25	17.5
				12	17.26	12.22	12.5	12	17.65	12.32	12.5
				13	3.55	-3.44	-3	13	5.58	-2.60	-2.5
		n(HT)	20	1	21.65	16.32	16.5	1	21.82	16.34	16.5
				6	22.75	17.35	17.5	6	22.61	17.38	17.5
				11	21.14	15.84	16	11	22.29	16.86	17
				12	17.13	11.87	12	12	17.34	11.80	12
				13	3.41	-3.58	-3	13	5.41	-3.12	-3
			40	3	17.27	12.89	13	3	20.14	15.45	15.5
				6	20.32	15.91	16	6	20.57	15.76	16
				9	19.39	14.94	15	9	19.47	14.86	15
				10	15.80	11.34	11.5	10	16.60	11.96	12
				11	2.82	-4.04	-4	11	4.84	-3.59	-3.5

WLAN 5G 2TX SISO

OFDM mode specified maximum output power at an antenna port

Frequency	Mode	BW	SISO-Main(TX1)			SISO-Aux(TX2)			Frequency	Mode	BW	SISO-Main(TX1)			SISO-Aux(TX2)		
			CH	AV Power	AV Target	CH	AV Power	AV Target				CH	AV Power	AV Target	CH	AV Power	AV Target
U-NII-1 (5150~5250MHz)	a	20	36	15.88	16	36	15.82	16	U-NII-2A (5250~5350MHz)	a	20	52	15.84	16	52	15.60	16
			40	15.80	16	40	15.75	16				56	15.79	16	56	15.81	16
			44	15.75	16	44	15.68	16				60	15.82	16	60	15.76	16
			48	15.73	16	48	15.66	16				64	15.66	16	64	15.79	16
	n(HT)	20	36	15.71	16	36	15.87	16		n(HT)	20	52	15.82	16	52	15.85	16
			40	15.68	16	40	15.83	16				56	15.79	16	56	15.75	16
			44	15.82	16	44	15.82	16				60	15.72	16	60	15.71	16
			48	15.68	16	48	15.90	16				64	15.71	16	64	15.74	16
		40	38	15.78	16	38	15.72	16			40	54	15.93	16	54	15.92	16
			46	15.84	16	46	15.74	16				62	12.64	13	62	13.68	14
	ac	80	42	12.53	13	42	12.55	13		ac	80	58	11.43	11.5	58	11.87	11.5
									U-NII-1 + U-NII-2A	ac	160	50	0.00	12	50	0.00	12
U-NII-2C (5470~5650MHz)	a	20	100	15.65	16	100	15.76	16	5.65 GHz & U-NII-3 (5725~5850MHz)	a	20	132	15.85	16	132	15.73	16
			112	15.83	16	112	15.69	16				149	15.92	16	149	15.81	16
			116	15.78	16	116	15.79	16				165	15.87	16	165	15.83	16
			128	15.70	16	128	15.84	16		n(HT)	20	132	15.69	16	132	15.82	16
	n(HT)	20	100	15.74	16	100	15.91	16				149	15.76	16	149	15.71	16
			112	15.78	16	112	15.76	16				165	15.71	16	165	15.69	16
			116	15.78	16	116	15.66	16			40	134	15.83	16	134	15.72	16
			128	15.77	16	128	15.86	16				151	15.84	16	151	15.81	16
		40	102	15.65	16	102	15.77	16				159	15.94	16	159	15.99	16
			110	15.97	16	110	15.74	16		ac	20	144	15.71	16	144	15.68	16
			118	15.82	16	118	15.62	16			40	142	15.82	16	142	15.87	16
			126	15.78	16	126	15.77	16			80	138	15.85	16	138	15.75	16
	ac	80	106	12.12	12.5	106	15.44	15.5				155	15.78	16	155	15.68	16
			122	15.87	16	122	15.76	16									
		160	114	0.00	12	114	0.00	12									

BT Only_Aux

Bluetooth mode maximum output power	Frequency	Mode	Modulation	SISO-Main(TX1)				SISO-Aux(TX2)			
				CH	PK Power	AV Power	AV Target	CH	PK Power	AV Power	AV Target
	BT 2.4GHz	BR	GFSK	0	N/A	N/A	N/A	0	11.13	9.92	10.50
				39	N/A	N/A	N/A	39	11.54	9.85	10.50
				78	N/A	N/A	N/A	78	10.93	9.63	10.50
		EDR	8DPSK	0	N/A	N/A	N/A	0	10.73	8.17	10.50
				39	N/A	N/A	N/A	39	10.68	8.18	10.50
				78	N/A	N/A	N/A	78	10.47	7.89	10.50
		BLE	GFSK	0	N/A	N/A	N/A	0	8.74	5.79	8.00
				19	N/A	N/A	N/A	19	8.81	5.95	8.00
				39	N/A	N/A	N/A	39	8.64	5.72	8.50

Mode		Sensor "ON" Power (Including tolerance)	Sensor "OFF " Reduce Power (Including tolerance)
WCDMA BAND 2	RMC	24	22
	HSDPA	24	22
	HSUPA	24	22
WCDMA BAND 4	RMC	24	21
	HSDPA	24	21
	HSUPA	24	21
WCDMA BAND 5	RMC	24	24
	HSDPA	24	24
	HSUPA	24	24
LTE Band 2	QPSK	24	22
LTE Band 4	QPSK	24	21
LTE Band 5	QPSK	24	24
LTE Band 7	QPSK	23.8	21
LTE Band 12	QPSK	24	24
LTE Band 13	QPSK	24	24
LTE Band 14	QPSK	24	24
LTE Band 26	QPSK	24	24
LTE Band 41	QPSK	23.8	23.8
LTE Band 48	QPSK	23	23
LTE Band 66	QPSK	24	21

Band	WCDMA Band II			WCDMA Band IV			WCDMA Band V		
CHANNEL	9262	9400	9538	1312	1413	1513	4132	4183	4233
Maximum Power (Sensor Off)									
RMC	23.25	23.60	23.73	23.42	23.34	23.39	23.69	23.68	23.56
HSDPA Set 1	22.08	22.43	22.54	22.28	22.28	22.33	22.74	22.55	22.53
HSDPA Set 2	22.05	22.29	22.53	22.22	22.15	22.32	22.53	22.47	22.43
HSDPA Set 3	22.03	22.36	22.48	22.20	22.14	22.25	22.57	22.45	22.37
HSDPA Set 4	22.05	22.38	22.51	22.24	22.22	22.29	22.60	22.63	22.39
HSUPA Set 1	21.72	21.94	22.03	21.79	21.83	21.90	22.10	21.90	21.85
HSUPA Set 2	20.14	20.38	20.42	20.16	20.19	20.21	20.33	20.28	20.29
HSUPA Set 3	20.88	20.96	20.99	20.92	20.89	20.92	21.12	21.14	21.09
HSUPA Set 4	20.16	20.41	20.39	20.12	20.16	20.19	20.36	20.31	20.27
HSUPA Set 5	21.59	21.83	21.88	21.56	21.63	21.53	21.95	21.89	21.82
Reduce Power (Sensor ON)									
RMC	21.36	21.57	21.73	20.39	20.51	20.43	N/A	N/A	N/A
HSDPA Set 1	19.76	19.97	20.04	18.77	18.84	18.68	N/A	N/A	N/A
HSDPA Set 2	19.66	19.85	20.06	18.95	18.80	18.66	N/A	N/A	N/A
HSDPA Set 3	19.73	19.93	19.95	18.86	18.75	18.54	N/A	N/A	N/A
HSDPA Set 4	19.69	19.99	19.99	18.82	18.71	18.47	N/A	N/A	N/A
HSUPA Set 1	19.70	19.91	20.03	18.77	18.83	18.80	N/A	N/A	N/A
HSUPA Set 2	18.61	18.96	19.13	17.96	17.74	17.88	N/A	N/A	N/A
HSUPA Set 3	18.75	18.74	19.21	18.02	17.82	18.02	N/A	N/A	N/A
HSUPA Set 4	18.82	18.85	19.22	17.93	17.93	17.92	N/A	N/A	N/A
HSUPA Set 5	19.77	19.79	19.99	18.81	19.02	18.66	N/A	N/A	N/A
Note: When sensor “ON”, only WCDMA Band II and WCDMA Band IV are reduce the power, other remain the same.									

LTE-Band 2									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	QPSK	1	#0	23.50	22.86	23.52	23.41	23.52	23.50
		1	#Mid	23.52	**22.97**	**23.57**	23.29	23.34	23.32
		1	#Max	23.42	22.57	23.41	23.22	23.15	23.10
		50%	#0	23.55	21.50	22.48	22.38	22.49	22.49
		50%	#Mid	**23.60**	21.61	22.48	22.38	22.43	22.43
		50%	#Max	23.54	21.57	22.34	22.34	22.40	22.26
		100%	--	22.53	21.57	22.41	22.36	22.45	22.42
	16QAM	1	#0	22.89	22.16	22.46	22.63	22.81	22.84
		1	#Mid	**23.12**	**22.34**	22.57	22.63	22.56	22.65
		1	#Max	23.02	21.99	22.46	22.57	22.49	22.44
		50%	#0	22.59	20.58	21.43	21.41	21.49	21.53
		50%	#Mid	22.60	20.69	21.45	21.39	21.42	21.43
		50%	#Max	22.55	20.66	21.39	21.32	21.34	21.23
		100%	--	21.66	20.58	21.41	21.39	21.40	21.43
Mid	QPSK	1	#0	23.29	22.52	23.37	23.34	23.50	23.54
		1	#Mid	23.30	22.59	23.40	23.30	23.35	23.29
		1	#Max	23.26	22.54	23.32	23.35	23.42	23.34
		50%	#0	23.39	21.40	22.36	22.37	22.45	22.48
		50%	#Mid	23.44	21.32	22.38	22.35	22.38	22.40
		50%	#Max	23.42	21.26	22.38	22.42	22.43	22.43
		100%	--	22.38	21.31	22.37	22.30	22.40	22.41
	16QAM	1	#0	22.82	21.84	22.50	22.72	22.73	22.76
		1	#Mid	22.96	21.94	22.51	22.59	22.62	22.56
		1	#Max	22.76	21.71	22.48	22.70	22.70	22.54
		50%	#0	22.39	20.48	21.37	21.41	21.44	21.49
		50%	#Mid	22.40	20.52	21.42	21.40	21.42	21.42
		50%	#Max	22.38	20.45	21.40	21.43	21.44	21.43
		100%	--	21.49	20.30	21.34	21.34	21.39	21.42
High	QPSK	1	#0	23.44	22.61	23.55	23.48	**23.64**	**23.85**
		1	#Mid	23.50	22.61	23.55	**23.52**	23.43	23.45
		1	#Max	23.45	22.52	23.46	23.39	23.50	23.51
		50%	#0	23.53	21.57	22.57	22.47	22.64	22.69
		50%	#Mid	23.59	21.59	22.60	22.55	22.57	22.58
		50%	#Max	23.51	21.59	22.53	22.51	22.63	22.64
		100%	--	22.52	21.56	22.55	22.55	22.57	22.69
	16QAM	1	#0	22.93	22.09	22.73	**22.84**	**22.94**	**23.00**
		1	#Mid	22.99	22.26	**22.82**	22.79	22.83	22.73
		1	#Max	22.88	22.20	22.63	22.72	22.78	22.71
		50%	#0	22.44	20.65	21.59	21.47	21.62	21.68
		50%	#Mid	22.48	20.66	21.65	21.52	21.56	21.59
		50%	#Max	22.41	20.60	21.62	21.52	21.62	21.64
		100%	--	21.57	20.59	21.58	21.58	21.60	21.72

LTE-Band 2									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Reduce Power (Sensor ON)									
Low	QPSK	1	#0	20.82	20.99	21.00	20.88	20.99	20.96
		1	#Mid	20.92	21.08	20.93	20.79	20.83	20.76
		1	#Max	20.87	20.91	20.89	20.73	20.65	20.56
		50%	#0	20.90	20.96	20.97	20.88	20.89	20.94
		50%	#Mid	20.92	21.01	20.99	20.82	20.87	20.86
		50%	#Max	20.84	20.98	20.94	20.84	20.79	20.71
		100%	--	20.91	20.96	20.97	20.82	20.88	20.88
	16QAM	1	#0	21.16	21.18	21.28	21.22	21.29	21.35
		1	#Mid	21.26	21.34	21.23	21.10	21.15	21.18
		1	#Max	21.17	21.16	21.23	21.06	21.00	20.91
		50%	#0	20.92	21.10	21.01	20.89	20.94	20.98
		50%	#Mid	20.89	21.07	20.99	20.88	20.89	20.90
		50%	#Max	20.89	21.06	20.94	20.80	20.81	20.71
		100%	--	20.93	21.05	20.97	20.90	20.89	20.91
Mid	QPSK	1	#0	20.86	20.87	20.84	20.88	21.00	**21.33**
		1	#Mid	20.85	20.93	20.81	20.77	20.86	20.78
		1	#Max	20.84	20.79	20.89	20.89	20.87	20.75
		50%	#0	20.89	20.89	20.87	20.85	20.88	21.24
		50%	#Mid	20.89	20.85	20.86	20.85	20.86	20.84
		50%	#Max	20.85	20.85	20.84	20.88	20.93	20.86
		100%	--	20.83	20.87	20.83	20.81	20.85	20.86
	16QAM	1	#0	21.15	21.23	21.21	21.19	21.27	21.28
		1	#Mid	21.23	21.31	21.20	21.11	21.10	21.12
		1	#Max	21.07	21.14	21.23	21.17	21.18	21.04
		50%	#0	20.92	20.93	20.90	20.89	20.93	20.98
		50%	#Mid	20.96	20.96	20.93	20.86	20.87	20.85
		50%	#Max	20.88	20.90	20.84	20.92	20.93	20.93
		100%	--	20.92	20.92	20.87	20.87	20.89	20.83
High	QPSK	1	#0	21.00	21.06	21.05	20.99	**21.17**	21.28
		1	#Mid	**21.08**	**21.11**	20.98	20.98	20.97	20.94
		1	#Max	20.95	20.99	20.95	20.96	21.04	21.00
		50%	#0	21.03	21.05	**21.07**	20.98	21.08	21.12
		50%	#Mid	**21.08**	21.06	21.06	21.03	21.04	21.07
		50%	#Max	21.04	21.05	21.05	21.00	21.11	21.11
		100%	--	21.04	21.04	**21.07**	**21.05**	21.04	21.17
	16QAM	1	#0	21.36	21.39	21.32	**21.26**	**21.45**	**21.53**
		1	#Mid	**21.39**	**21.41**	21.29	21.25	21.32	21.29
		1	#Max	21.34	21.32	**21.34**	21.23	21.35	21.38
		50%	#0	21.12	21.14	21.10	20.97	21.15	21.13
		50%	#Mid	21.10	21.16	21.13	21.07	21.02	21.03
		50%	#Max	21.02	21.14	21.08	21.01	21.12	21.07
		100%	--	21.15	21.10	21.07	21.06	21.05	21.20

LTE-Band 4									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	QPSK	1	#0	23.35	23.46	23.59	23.64	23.73	23.77
		1	#Mid	23.41	23.57	23.50	23.53	23.48	23.61
		1	#Max	23.31	23.44	23.51	23.60	23.57	23.57
		50%	#0	23.41	22.47	22.57	22.63	22.66	22.65
		50%	#Mid	23.50	22.51	22.58	22.59	22.59	22.72
		50%	#Max	23.44	22.43	22.54	22.59	22.64	22.67
		100%	--	22.42	22.46	22.59	22.61	22.61	22.75
	16QAM	1	#0	22.88	22.83	22.76	22.96	23.03	23.09
		1	#Mid	22.94	22.95	22.68	22.85	22.87	22.98
		1	#Max	22.92	22.80	22.62	22.87	22.87	22.92
		50%	#0	22.39	21.51	21.61	21.63	21.68	21.73
		50%	#Mid	22.37	21.53	21.61	21.60	21.64	21.74
		50%	#Max	22.32	21.51	21.51	21.59	21.64	21.70
		100%	--	21.40	21.42	21.59	21.64	21.61	21.71
Mid	QPSK	1	#0	23.51	23.59	**23.68**	**23.72**	**23.80**	23.84
		1	#Mid	23.57	**23.72**	23.58	23.63	23.60	23.60
		1	#Max	23.48	23.53	23.61	23.56	23.58	23.52
		50%	#0	23.57	22.65	22.69	22.70	22.74	22.82
		50%	#Mid	**23.58**	22.65	22.62	22.64	22.69	22.71
		50%	#Max	23.53	22.60	22.57	22.63	22.62	22.61
		100%	--	22.54	22.60	22.62	22.66	22.67	22.75
	16QAM	1	#0	23.01	23.06	**22.88**	**22.99**	22.99	**23.13**
		1	#Mid	**23.06**	**23.15**	22.77	22.86	22.87	22.90
		1	#Max	23.03	23.01	22.80	22.84	22.82	22.84
		50%	#0	22.48	21.72	21.67	21.71	21.77	21.81
		50%	#Mid	22.52	21.73	21.70	21.68	21.68	21.72
		50%	#Max	22.45	21.67	21.63	21.64	21.63	21.65
		100%	--	21.59	21.60	21.61	21.66	21.67	21.72
High	QPSK	1	#0	23.50	23.56	23.59	23.69	23.79	**23.85**
		1	#Mid	23.55	23.67	23.51	23.59	23.54	23.59
		1	#Max	23.46	23.52	23.48	23.55	23.53	23.55
		50%	#0	23.47	22.54	22.64	22.65	22.71	22.78
		50%	#Mid	23.56	22.56	22.62	22.60	22.62	22.68
		50%	#Max	23.50	22.52	22.56	22.59	22.61	22.58
		100%	--	22.51	22.60	22.59	22.63	22.65	22.69
	16QAM	1	#0	22.63	23.00	22.80	22.92	**23.04**	**23.13**
		1	#Mid	22.79	22.85	22.74	22.85	22.84	22.87
		1	#Max	22.70	22.72	22.76	22.77	22.81	22.82
		50%	#0	22.55	21.75	21.64	21.63	21.71	21.80
		50%	#Mid	22.54	21.74	21.61	21.64	21.70	21.66
		50%	#Max	22.49	21.64	21.61	21.58	21.64	21.56
		100%	--	21.57	21.68	21.62	21.67	21.67	21.66

LTE-Band 4									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor ON)									
Low	QPSK	1	#0	19.75	19.88	19.98	20.00	20.08	20.16
		1	#Mid	19.84	19.92	19.88	19.89	19.88	19.98
		1	#Max	19.76	19.79	19.89	19.93	19.94	19.91
		50%	#0	19.81	19.84	19.97	19.96	20.02	20.05
		50%	#Mid	19.84	19.86	19.96	19.97	19.98	20.08
		50%	#Max	19.79	19.78	19.90	19.93	20.03	20.03
		100%	--	19.83	19.84	19.94	19.98	19.96	20.08
	16QAM	1	#0	20.04	20.17	20.28	20.34	20.40	20.48
		1	#Mid	20.16	20.25	20.25	20.17	20.19	20.28
		1	#Max	20.09	20.15	20.16	20.26	20.28	20.30
		50%	#0	19.86	19.91	19.98	19.99	20.06	20.08
		50%	#Mid	19.87	19.93	20.00	19.98	19.99	20.13
		50%	#Max	19.84	19.90	19.96	19.94	20.03	20.01
		100%	--	19.89	19.90	19.98	20.00	19.98	20.09
Mid	QPSK	1	#0	19.92	19.99	20.00	**20.09**	**20.18**	**20.27**
		1	#Mid	**19.99**	**20.03**	19.93	19.93	19.93	19.95
		1	#Max	19.90	19.92	19.93	19.93	19.94	19.90
		50%	#0	19.97	20.00	**20.02**	20.08	20.13	20.23
		50%	#Mid	19.98	20.01	20.01	20.05	20.07	20.06
		50%	#Max	19.92	20.00	20.00	20.01	20.01	19.99
		100%	--	19.94	20.02	**20.02**	20.02	20.04	20.09
	16QAM	1	#0	20.26	20.30	**20.39**	20.34	20.47	20.48
		1	#Mid	**20.34**	**20.42**	20.31	20.19	20.25	20.23
		1	#Max	20.17	20.28	20.27	20.23	20.24	20.18
		50%	#0	19.99	20.10	20.07	20.08	20.17	20.17
		50%	#Mid	20.00	20.11	20.06	20.05	20.07	20.07
		50%	#Max	19.99	20.03	20.02	19.99	20.00	19.99
		100%	--	20.03	20.01	20.02	20.06	20.09	20.09
High	QPSK	1	#0	19.85	19.91	19.98	20.02	20.13	20.19
		1	#Mid	19.97	20.00	19.89	19.89	19.94	19.95
		1	#Max	19.89	19.87	19.91	19.87	19.89	19.88
		50%	#0	19.91	19.96	19.98	20.02	20.10	20.10
		50%	#Mid	19.95	19.98	20.00	19.95	20.03	20.03
		50%	#Max	19.90	19.93	19.91	19.96	19.96	19.94
		100%	--	19.89	19.92	19.97	19.97	20.01	20.08
	16QAM	1	#0	20.12	20.23	20.26	**20.35**	**20.51**	**20.55**
		1	#Mid	20.20	20.33	20.22	20.20	20.27	20.23
		1	#Max	20.13	20.15	20.19	20.20	20.22	20.22
		50%	#0	19.90	20.04	20.04	20.01	20.12	20.13
		50%	#Mid	19.95	20.06	19.99	20.01	20.04	20.04
		50%	#Max	19.91	20.02	19.96	19.94	19.96	19.99
		100%	--	19.98	20.00	19.98	19.98	20.07	20.03

LTE-Band 5									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	23.13	23.21	23.24	23.16	N/A	N/A
		1	#Mid	23.21	23.23	23.18	23.18	N/A	N/A
		1	#Max	23.07	23.10	23.27	23.09	N/A	N/A
		50%	#0	23.14	22.22	22.23	22.13	N/A	N/A
		50%	#Mid	23.21	22.21	22.17	22.23	N/A	N/A
		50%	#Max	23.16	22.19	22.25	22.18	N/A	N/A
		100%	--	22.16	22.15	22.19	22.21	N/A	N/A
	16QAM	1	#0	22.42	22.65	22.64	22.40	N/A	N/A
		1	#Mid	22.52	**22.73**	22.60	22.35	N/A	N/A
		1	#Max	22.47	22.60	22.66	22.36	N/A	N/A
		50%	#0	22.15	21.20	21.20	21.15	N/A	N/A
		50%	#Mid	22.17	21.22	21.20	21.26	N/A	N/A
		50%	#Max	22.11	21.25	21.26	21.17	N/A	N/A
		100%	--	21.29	21.24	21.13	21.18	N/A	N/A
Mid	QPSK	1	#0	23.19	23.22	23.27	**23.25**	N/A	N/A
		1	#Mid	23.27	**23.33**	23.22	23.18	N/A	N/A
		1	#Max	23.14	23.17	23.22	23.18	N/A	N/A
		50%	#0	23.22	22.30	22.34	22.30	N/A	N/A
		50%	#Mid	**23.28**	22.28	22.30	22.27	N/A	N/A
		50%	#Max	23.25	22.26	22.25	22.29	N/A	N/A
		100%	--	22.22	22.25	22.26	22.26	N/A	N/A
	16QAM	1	#0	22.52	22.50	22.71	**22.57**	N/A	N/A
		1	#Mid	22.57	22.58	**22.74**	22.53	N/A	N/A
		1	#Max	**22.63**	22.45	22.67	22.48	N/A	N/A
		50%	#0	22.25	21.38	21.39	21.27	N/A	N/A
		50%	#Mid	22.29	21.37	21.36	21.27	N/A	N/A
		50%	#Max	22.23	21.34	21.30	21.28	N/A	N/A
		100%	--	21.30	21.28	21.33	21.28	N/A	N/A
High	QPSK	1	#0	23.00	23.03	**23.29**	23.24	N/A	N/A
		1	#Mid	23.08	23.13	23.17	23.19	N/A	N/A
		1	#Max	23.00	23.00	23.21	22.99	N/A	N/A
		50%	#0	23.05	22.20	22.23	22.30	N/A	N/A
		50%	#Mid	23.09	22.21	22.19	22.28	N/A	N/A
		50%	#Max	23.06	22.18	22.15	22.12	N/A	N/A
		100%	--	22.05	22.15	22.21	22.27	N/A	N/A
	16QAM	1	#0	22.47	22.27	22.41	22.54	N/A	N/A
		1	#Mid	22.53	22.39	22.32	22.39	N/A	N/A
		1	#Max	22.49	22.23	22.21	22.26	N/A	N/A
		50%	#0	22.11	21.21	21.24	21.29	N/A	N/A
		50%	#Mid	22.16	21.25	21.27	21.30	N/A	N/A
		50%	#Max	22.11	21.18	21.25	21.15	N/A	N/A
		100%	--	21.18	21.21	21.24	21.25	N/A	N/A
Note: When sensor “ON”, power remain the same.									

LTE-Band 7									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	QPSK	1	#0	N/A	N/A	22.07	22.14	22.20	22.24
		1	#Mid	N/A	N/A	22.09	22.11	22.13	21.96
		1	#Max	N/A	N/A	22.05	21.97	22.00	22.03
		50%	#0	N/A	N/A	21.13	21.14	21.19	21.24
		50%	#Mid	N/A	N/A	21.15	21.12	21.18	21.12
		50%	#Max	N/A	N/A	21.11	21.10	21.08	21.10
		100%	--	N/A	N/A	21.11	21.13	21.15	21.14
	16QAM	1	#0	N/A	N/A	21.62	21.45	21.50	21.59
		1	#Mid	N/A	N/A	**21.64**	21.45	21.43	21.40
		1	#Max	N/A	N/A	21.57	21.33	21.31	21.36
		50%	#0	N/A	N/A	20.12	20.14	20.23	20.29
		50%	#Mid	N/A	N/A	20.15	20.16	20.22	20.14
		50%	#Max	N/A	N/A	20.14	20.13	20.08	20.08
		100%	--	N/A	N/A	20.13	20.15	20.20	20.12
Mid	QPSK	1	#0	N/A	N/A	**22.17**	**22.25**	**22.31**	**22.34**
		1	#Mid	N/A	N/A	22.13	22.20	22.26	22.24
		1	#Max	N/A	N/A	22.13	22.23	22.26	22.29
		50%	#0	N/A	N/A	21.22	21.27	21.31	21.36
		50%	#Mid	N/A	N/A	21.24	21.28	21.29	21.35
		50%	#Max	N/A	N/A	21.23	21.28	21.28	21.31
		100%	--	N/A	N/A	21.25	21.29	21.30	21.33
	16QAM	1	#0	N/A	N/A	21.35	**21.50**	21.62	**21.69**
		1	#Mid	N/A	N/A	21.47	21.47	21.54	21.57
		1	#Max	N/A	N/A	21.41	21.46	21.43	21.59
		50%	#0	N/A	N/A	20.26	20.31	20.23	20.37
		50%	#Mid	N/A	N/A	20.29	20.33	20.24	20.37
		50%	#Max	N/A	N/A	20.29	20.24	20.22	20.25
		100%	--	N/A	N/A	20.29	20.26	20.23	20.28
High	QPSK	1	#0	N/A	N/A	22.02	22.24	22.28	22.32
		1	#Mid	N/A	N/A	22.02	22.09	22.18	22.20
		1	#Max	N/A	N/A	21.94	22.09	22.12	22.11
		50%	#0	N/A	N/A	21.13	21.26	21.29	21.34
		50%	#Mid	N/A	N/A	21.13	21.29	21.29	21.32
		50%	#Max	N/A	N/A	21.09	21.12	21.17	21.29
		100%	--	N/A	N/A	21.13	21.26	21.30	21.31
	16QAM	1	#0	N/A	N/A	21.30	21.42	**21.65**	21.64
		1	#Mid	N/A	N/A	21.30	21.33	21.50	21.55
		1	#Max	N/A	N/A	21.31	21.33	21.47	21.39
		50%	#0	N/A	N/A	20.08	20.23	20.29	20.35
		50%	#Mid	N/A	N/A	20.09	20.29	20.29	20.33
		50%	#Max	N/A	N/A	20.03	20.13	20.14	20.30
		100%	--	N/A	N/A	20.10	20.26	20.29	20.31

LTE-Band 7									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor ON)									
Low	QPSK	1	#0	N/A	N/A	19.74	19.79	19.85	19.86
		1	#Mid	N/A	N/A	19.76	19.75	19.78	19.63
		1	#Max	N/A	N/A	19.70	19.61	19.63	19.65
		50%	#0	N/A	N/A	19.79	19.81	19.84	19.89
		50%	#Mid	N/A	N/A	19.83	19.81	19.83	19.73
		50%	#Max	N/A	N/A	19.77	19.80	19.73	19.72
		100%	--	N/A	N/A	19.79	19.78	19.81	19.76
	16QAM	1	#0	N/A	N/A	20.04	20.10	20.18	20.17
		1	#Mid	N/A	N/A	20.06	20.03	20.04	19.95
		1	#Max	N/A	N/A	20.00	20.01	20.00	20.01
		50%	#0	N/A	N/A	19.87	19.79	19.85	19.92
		50%	#Mid	N/A	N/A	19.83	19.80	19.87	19.76
		50%	#Max	N/A	N/A	19.83	19.80	19.70	19.74
		100%	--	N/A	N/A	19.80	19.83	19.85	19.75
Mid	QPSK	1	#0	N/A	N/A	19.89	19.88	19.95	19.94
		1	#Mid	N/A	N/A	19.85	19.90	19.88	19.85
		1	#Max	N/A	N/A	19.83	19.88	19.89	19.89
		50%	#0	N/A	N/A	19.95	19.93	19.95	19.94
		50%	#Mid	N/A	N/A	**19.97**	**19.95**	**19.98**	19.94
		50%	#Max	N/A	N/A	19.93	19.92	19.95	19.93
		100%	--	N/A	N/A	19.91	19.94	19.93	**19.99**
	16QAM	1	#0	N/A	N/A	20.11	**20.16**	**20.25**	20.29
		1	#Mid	N/A	N/A	**20.19**	**20.16**	20.21	20.19
		1	#Max	N/A	N/A	**20.19**	20.11	20.22	20.20
		50%	#0	N/A	N/A	19.92	19.92	19.95	20.00
		50%	#Mid	N/A	N/A	19.96	19.95	19.97	20.00
		50%	#Max	N/A	N/A	19.91	19.92	19.95	19.93
		100%	--	N/A	N/A	19.91	19.93	19.93	19.98
High	QPSK	1	#0	N/A	N/A	19.76	19.87	19.92	19.92
		1	#Mid	N/A	N/A	19.76	19.77	19.85	19.83
		1	#Max	N/A	N/A	19.73	19.77	19.77	19.75
		50%	#0	N/A	N/A	19.81	19.93	19.91	19.96
		50%	#Mid	N/A	N/A	19.82	19.90	19.94	19.92
		50%	#Max	N/A	N/A	19.77	19.81	19.84	19.90
		100%	--	N/A	N/A	19.81	19.88	19.92	19.93
	16QAM	1	#0	N/A	N/A	19.99	20.14	20.18	**20.33**
		1	#Mid	N/A	N/A	20.03	20.00	20.16	20.12
		1	#Max	N/A	N/A	19.97	20.00	19.96	20.04
		50%	#0	N/A	N/A	19.79	19.91	19.96	20.01
		50%	#Mid	N/A	N/A	19.85	19.93	19.94	19.98
		50%	#Max	N/A	N/A	19.81	19.80	19.82	19.94
		100%	--	N/A	N/A	19.80	19.91	19.96	19.95

LTE-Band 12									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	23.13	23.21	23.30	23.19	N/A	N/A
		1	#Mid	23.21	23.25	23.12	**23.26**	N/A	N/A
		1	#Max	23.13	23.15	**23.32**	23.19	N/A	N/A
		50%	#0	23.23	22.30	22.26	22.24	N/A	N/A
		50%	#Mid	**23.27**	22.28	22.28	22.36	N/A	N/A
		50%	#Max	23.23	22.24	22.37	22.33	N/A	N/A
		100%	--	22.18	22.25	22.23	22.36	N/A	N/A
	16QAM	1	#0	22.32	22.61	22.18	22.42	N/A	N/A
		1	#Mid	**22.37**	22.64	22.19	**22.47**	N/A	N/A
		1	#Max	22.30	22.55	22.26	**22.47**	N/A	N/A
		50%	#0	22.17	21.35	21.37	21.28	N/A	N/A
		50%	#Mid	22.20	21.30	21.37	21.38	N/A	N/A
		50%	#Max	22.16	21.33	21.39	21.34	N/A	N/A
		100%	--	21.23	21.31	21.29	21.42	N/A	N/A
Mid	QPSK	1	#0	23.12	23.22	23.24	23.24	N/A	N/A
		1	#Mid	23.20	**23.27**	23.16	23.24	N/A	N/A
		1	#Max	23.06	23.21	23.22	23.20	N/A	N/A
		50%	#0	23.19	22.26	22.29	22.34	N/A	N/A
		50%	#Mid	23.23	22.32	22.33	22.32	N/A	N/A
		50%	#Max	23.19	22.31	22.29	22.28	N/A	N/A
		100%	--	22.23	22.31	22.32	22.30	N/A	N/A
	16QAM	1	#0	22.17	22.67	**22.36**	22.39	N/A	N/A
		1	#Mid	22.12	**22.74**	22.34	22.42	N/A	N/A
		1	#Max	22.04	22.54	22.29	22.39	N/A	N/A
		50%	#0	22.25	21.32	21.30	21.33	N/A	N/A
		50%	#Mid	22.25	21.40	21.29	21.33	N/A	N/A
		50%	#Max	22.19	21.37	21.26	21.32	N/A	N/A
		100%	--	21.17	21.30	21.27	21.30	N/A	N/A
High	QPSK	1	#0	23.06	23.11	23.16	23.22	N/A	N/A
		1	#Mid	23.18	23.18	23.13	23.21	N/A	N/A
		1	#Max	23.07	23.13	23.24	23.21	N/A	N/A
		50%	#0	23.12	22.33	22.21	22.26	N/A	N/A
		50%	#Mid	23.21	22.32	22.25	22.26	N/A	N/A
		50%	#Max	23.13	22.30	22.28	22.19	N/A	N/A
		100%	--	22.27	22.30	22.22	22.24	N/A	N/A
	16QAM	1	#0	22.15	22.29	22.26	22.36	N/A	N/A
		1	#Mid	22.17	22.45	22.28	22.26	N/A	N/A
		1	#Max	22.13	22.39	22.32	**22.47**	N/A	N/A
		50%	#0	22.24	21.39	21.21	21.25	N/A	N/A
		50%	#Mid	22.27	21.40	21.25	21.26	N/A	N/A
		50%	#Max	22.22	21.38	21.30	21.21	N/A	N/A
		100%	--	21.24	21.30	21.16	21.27	N/A	N/A
Note: When sensor “ON”, power remain the same.									

LTE-Band 13									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	N/A	N/A	23.35	N/A	N/A	N/A
		1	#Mid	N/A	N/A	23.36	N/A	N/A	N/A
		1	#Max	N/A	N/A	23.24	N/A	N/A	N/A
		50%	#0	N/A	N/A	22.28	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	22.42	N/A	N/A	N/A
		50%	#Max	N/A	N/A	22.37	N/A	N/A	N/A
		100%	--	N/A	N/A	22.25	N/A	N/A	N/A
	16QAM	1	#0	N/A	N/A	22.70	N/A	N/A	N/A
		1	#Mid	N/A	N/A	**22.76**	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.64	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.34	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.48	N/A	N/A	N/A
		50%	#Max	N/A	N/A	21.44	N/A	N/A	N/A
		100%	--	N/A	N/A	21.26	N/A	N/A	N/A
Mid	QPSK	1	#0	N/A	N/A	**23.41**	**23.32**	N/A	N/A
		1	#Mid	N/A	N/A	23.25	23.27	N/A	N/A
		1	#Max	N/A	N/A	23.33	23.26	N/A	N/A
		50%	#0	N/A	N/A	22.39	22.30	N/A	N/A
		50%	#Mid	N/A	N/A	22.27	22.28	N/A	N/A
		50%	#Max	N/A	N/A	22.21	22.37	N/A	N/A
		100%	--	N/A	N/A	22.25	22.28	N/A	N/A
	16QAM	1	#0	N/A	N/A	22.46	**22.53**	N/A	N/A
		1	#Mid	N/A	N/A	22.44	22.51	N/A	N/A
		1	#Max	N/A	N/A	22.45	22.52	N/A	N/A
		50%	#0	N/A	N/A	21.45	21.23	N/A	N/A
		50%	#Mid	N/A	N/A	21.35	21.30	N/A	N/A
		50%	#Max	N/A	N/A	21.27	21.27	N/A	N/A
		100%	--	N/A	N/A	21.35	21.30	N/A	N/A
High	QPSK	1	#0	N/A	N/A	23.33	N/A	N/A	N/A
		1	#Mid	N/A	N/A	23.37	N/A	N/A	N/A
		1	#Max	N/A	N/A	23.34	N/A	N/A	N/A
		50%	#0	N/A	N/A	22.24	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	22.36	N/A	N/A	N/A
		50%	#Max	N/A	N/A	22.30	N/A	N/A	N/A
		100%	--	N/A	N/A	22.33	N/A	N/A	N/A
	16QAM	1	#0	N/A	N/A	22.29	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.34	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.27	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.24	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.39	N/A	N/A	N/A
		50%	#Max	N/A	N/A	21.31	N/A	N/A	N/A
		100%	--	N/A	N/A	21.32	N/A	N/A	N/A
Note: When sensor “ON”, power remain the same.									

LTE-Band 14									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	N/A	N/A	**23.36**	N/A	N/A	N/A
		1	#Mid	N/A	N/A	23.27	N/A	N/A	N/A
		1	#Max	N/A	N/A	23.22	N/A	N/A	N/A
		50%	#0	N/A	N/A	22.28	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	22.31	N/A	N/A	N/A
		50%	#Max	N/A	N/A	22.22	N/A	N/A	N/A
		100%	--	N/A	N/A	22.27	N/A	N/A	N/A
	16QAM	1	#0	N/A	N/A	22.57	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.63	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.54	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.29	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.26	N/A	N/A	N/A
		50%	#Max	N/A	N/A	21.25	N/A	N/A	N/A
		100%	--	N/A	N/A	21.24	N/A	N/A	N/A
Mid	QPSK	1	#0	N/A	N/A	23.24	**23.29**	N/A	N/A
		1	#Mid	N/A	N/A	23.23	23.16	N/A	N/A
		1	#Max	N/A	N/A	23.15	23.24	N/A	N/A
		50%	#0	N/A	N/A	22.27	22.31	N/A	N/A
		50%	#Mid	N/A	N/A	22.26	22.25	N/A	N/A
		50%	#Max	N/A	N/A	22.21	22.31	N/A	N/A
		100%	--	N/A	N/A	22.24	22.24	N/A	N/A
	16QAM	1	#0	N/A	N/A	22.65	**22.51**	N/A	N/A
		1	#Mid	N/A	N/A	**22.68**	22.48	N/A	N/A
		1	#Max	N/A	N/A	22.65	22.46	N/A	N/A
		50%	#0	N/A	N/A	21.31	21.30	N/A	N/A
		50%	#Mid	N/A	N/A	21.32	21.27	N/A	N/A
		50%	#Max	N/A	N/A	21.26	21.30	N/A	N/A
		100%	--	N/A	N/A	21.22	21.26	N/A	N/A
High	QPSK	1	#0	N/A	N/A	23.19	N/A	N/A	N/A
		1	#Mid	N/A	N/A	23.25	N/A	N/A	N/A
		1	#Max	N/A	N/A	23.26	N/A	N/A	N/A
		50%	#0	N/A	N/A	22.24	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	22.32	N/A	N/A	N/A
		50%	#Max	N/A	N/A	22.30	N/A	N/A	N/A
		100%	--	N/A	N/A	22.30	N/A	N/A	N/A
	16QAM	1	#0	N/A	N/A	22.35	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.44	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.38	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.33	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.43	N/A	N/A	N/A
		50%	#Max	N/A	N/A	21.32	N/A	N/A	N/A
		100%	--	N/A	N/A	21.39	N/A	N/A	N/A
Note: When sensor “ON”, power remain the same.									

LTE-Band 26									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	23.15	23.11	23.16	23.18	23.22	N/A
		1	#Mid	23.22	23.23	**23.24**	**23.23**	**23.32**	N/A
		1	#Max	23.14	23.19	23.20	23.19	23.14	N/A
		50%	#0	23.09	22.18	22.19	22.27	22.33	N/A
		50%	#Mid	23.21	22.21	22.31	22.27	22.29	N/A
		50%	#Max	23.12	22.27	22.30	22.32	22.25	N/A
		100%	--	22.10	22.14	22.28	22.26	22.25	N/A
	16QAM	1	#0	22.55	22.74	**22.88**	22.57	22.68	N/A
		1	#Mid	22.66	**22.84**	22.78	**22.65**	22.67	N/A
		1	#Max	22.64	22.75	22.78	22.45	22.64	N/A
		50%	#0	22.23	21.22	21.20	21.33	21.36	N/A
		50%	#Mid	22.32	21.28	21.32	21.29	21.35	N/A
		50%	#Max	22.21	21.32	21.25	21.30	21.24	N/A
		100%	--	21.23	21.24	21.34	21.29	21.27	N/A
Mid	QPSK	1	#0	23.11	23.14	23.19	23.19	23.25	N/A
		1	#Mid	23.15	**23.24**	23.15	23.22	23.22	N/A
		1	#Max	**23.23**	23.07	23.11	23.21	23.15	N/A
		50%	#0	23.21	22.16	22.25	22.27	22.33	N/A
		50%	#Mid	23.20	22.20	22.23	22.27	22.30	N/A
		50%	#Max	23.12	22.15	22.22	22.17	22.30	N/A
		100%	--	22.11	22.16	22.22	22.23	22.24	N/A
	16QAM	1	#0	22.62	22.62	22.45	22.52	22.53	N/A
		1	#Mid	**22.71**	22.77	22.40	22.49	22.64	N/A
		1	#Max	22.53	22.64	22.28	22.49	22.59	N/A
		50%	#0	22.20	21.24	21.28	21.26	21.33	N/A
		50%	#Mid	22.28	21.24	21.30	21.26	21.29	N/A
		50%	#Max	22.21	21.21	21.21	21.16	21.31	N/A
		100%	--	21.21	21.25	21.22	21.20	21.24	N/A
High	QPSK	1	#0	23.02	22.98	23.14	23.22	23.29	N/A
		1	#Mid	23.11	23.14	22.89	23.11	23.18	N/A
		1	#Max	23.00	22.97	22.98	23.07	23.06	N/A
		50%	#0	23.06	22.00	22.19	22.22	22.27	N/A
		50%	#Mid	23.14	22.12	22.04	22.20	22.30	N/A
		50%	#Max	23.05	22.11	22.14	22.16	22.20	N/A
		100%	--	22.05	22.07	22.14	22.19	22.27	N/A
	16QAM	1	#0	22.23	22.59	22.43	22.48	**22.84**	N/A
		1	#Mid	22.32	22.78	22.19	22.44	22.64	N/A
		1	#Max	22.22	22.61	22.27	22.41	22.42	N/A
		50%	#0	22.18	21.06	21.19	21.20	21.36	N/A
		50%	#Mid	22.18	21.16	21.01	21.24	21.29	N/A
		50%	#Max	22.10	21.13	21.08	21.09	21.23	N/A
		100%	--	21.12	21.17	21.13	21.21	21.25	N/A
Note: When sensor “ON”, power remain the same.									

LTE-Band 41									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	N/A	N/A	22.02	22.05	22.22	22.02
		1	#Mid	N/A	N/A	22.09	22.16	22.10	21.88
		1	#Max	N/A	N/A	21.85	21.89	22.28	21.91
		50%	#0	N/A	N/A	21.07	21.07	21.38	21.20
		50%	#Mid	N/A	N/A	20.99	21.28	21.33	21.10
		50%	#Max	N/A	N/A	20.98	21.27	21.29	21.33
		100%	--	N/A	N/A	21.03	21.03	21.13	21.38
	16QAM	1	#0	N/A	N/A	21.65	21.33	21.41	**21.88**
		1	#Mid	N/A	N/A	21.65	21.38	**21.88**	21.09
		1	#Max	N/A	N/A	21.09	21.32	21.33	21.14
		50%	#0	N/A	N/A	20.15	20.07	20.19	20.25
		50%	#Mid	N/A	N/A	20.15	20.09	20.16	20.21
		50%	#Max	N/A	N/A	20.34	20.08	20.26	20.13
		100%	--	N/A	N/A	20.31	20.16	20.36	20.19
Mid	QPSK	1	#0	N/A	N/A	**22.32**	**22.23**	**22.40**	**22.47**
		1	#Mid	N/A	N/A	21.93	22.17	22.21	22.02
		1	#Max	N/A	N/A	21.95	22.19	22.10	22.01
		50%	#0	N/A	N/A	21.05	21.30	21.10	21.15
		50%	#Mid	N/A	N/A	21.14	21.22	21.18	21.28
		50%	#Max	N/A	N/A	21.29	21.12	21.17	21.12
		100%	--	N/A	N/A	21.25	21.30	21.12	21.16
	16QAM	1	#0	N/A	N/A	**21.78**	**21.88**	21.19	21.69
		1	#Mid	N/A	N/A	21.56	21.54	21.50	21.51
		1	#Max	N/A	N/A	21.48	21.11	21.16	21.50
		50%	#0	N/A	N/A	20.11	20.12	20.29	20.41
		50%	#Mid	N/A	N/A	20.20	20.17	20.15	20.20
		50%	#Max	N/A	N/A	20.24	20.16	20.28	20.16
		100%	--	N/A	N/A	20.12	20.34	20.27	20.20
High	QPSK	1	#0	N/A	N/A	21.71	22.11	22.33	22.34
		1	#Mid	N/A	N/A	21.73	22.01	22.03	21.64
		1	#Max	N/A	N/A	21.72	21.75	22.00	21.69
		50%	#0	N/A	N/A	21.14	20.92	20.92	21.24
		50%	#Mid	N/A	N/A	20.83	20.87	21.15	20.83
		50%	#Max	N/A	N/A	20.79	20.85	21.08	20.78
		100%	--	N/A	N/A	21.04	20.93	20.86	20.88
	16QAM	1	#0	N/A	N/A	21.53	21.09	21.41	21.42
		1	#Mid	N/A	N/A	20.89	20.95	20.90	21.23
		1	#Max	N/A	N/A	21.55	20.91	20.88	21.07
		50%	#0	N/A	N/A	19.97	20.20	20.12	20.27
		50%	#Mid	N/A	N/A	20.12	19.93	20.03	19.95
		50%	#Max	N/A	N/A	20.08	20.14	19.87	19.85
		100%	--	N/A	N/A	19.92	20.21	20.13	20.05
Note: When sensor “ON”, power remain the same.									

LTE-Band 48									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor On=Off)									
Low	QPSK	1	#0	N/A	N/A	**22.78**	**22.92**	**22.94**	22.70
		1	#Mid	N/A	N/A	22.73	22.84	22.67	22.26
		1	#Max	N/A	N/A	22.60	22.72	22.46	22.15
		50%	#0	N/A	N/A	21.86	21.92	19.38	19.91
		50%	#Mid	N/A	N/A	21.88	21.83	19.51	19.71
		50%	#Max	N/A	N/A	21.78	21.79	19.49	19.64
		100%	--	N/A	N/A	21.81	21.83	19.27	19.67
	16QAM	1	#0	N/A	N/A	22.28	**22.13**	20.45	**20.69**
		1	#Mid	N/A	N/A	22.58	21.98	20.18	20.33
		1	#Max	N/A	N/A	**22.61**	21.89	20.25	20.27
		50%	#0	N/A	N/A	20.88	20.91	18.45	18.93
		50%	#Mid	N/A	N/A	20.47	20.82	18.75	18.75
		50%	#Max	N/A	N/A	20.80	20.57	18.74	18.69
		100%	--	N/A	N/A	20.83	20.92	18.71	18.65
Mid	QPSK	1	#0	N/A	N/A	22.41	22.83	22.71	**22.98**
		1	#Mid	N/A	N/A	22.73	22.67	22.46	22.69
		1	#Max	N/A	N/A	22.54	22.68	22.49	22.64
		50%	#0	N/A	N/A	21.73	21.46	19.32	19.81
		50%	#Mid	N/A	N/A	21.74	21.67	19.66	19.73
		50%	#Max	N/A	N/A	21.68	21.57	19.62	19.67
		100%	--	N/A	N/A	21.68	21.68	19.65	19.69
	16QAM	1	#0	N/A	N/A	21.96	22.08	20.18	20.18
		1	#Mid	N/A	N/A	21.99	21.92	19.93	19.83
		1	#Max	N/A	N/A	21.88	21.88	19.97	19.77
		50%	#0	N/A	N/A	20.67	20.55	18.84	18.75
		50%	#Mid	N/A	N/A	20.71	20.56	18.33	18.65
		50%	#Max	N/A	N/A	20.58	20.62	18.63	18.56
		100%	--	N/A	N/A	20.67	20.78	18.71	18.27
High	QPSK	1	#0	N/A	N/A	22.55	22.44	22.69	22.93
		1	#Mid	N/A	N/A	22.60	22.27	22.52	22.63
		1	#Max	N/A	N/A	22.44	22.20	22.47	22.52
		50%	#0	N/A	N/A	21.47	21.47	19.65	19.25
		50%	#Mid	N/A	N/A	20.98	21.50	19.12	19.64
		50%	#Max	N/A	N/A	21.44	21.46	19.01	19.05
		100%	--	N/A	N/A	21.49	21.50	19.56	19.11
	16QAM	1	#0	N/A	N/A	21.66	22.07	**22.70**	20.24
		1	#Mid	N/A	N/A	21.49	21.92	22.64	19.86
		1	#Max	N/A	N/A	21.59	21.96	22.61	19.84
		50%	#0	N/A	N/A	20.42	20.55	21.70	18.68
		50%	#Mid	N/A	N/A	20.44	20.46	21.70	18.66
		50%	#Max	N/A	N/A	20.41	20.50	21.64	18.58
		100%	--	N/A	N/A	20.32	20.43	21.59	18.67
Note: When sensor “ON”, power remain the same.									

LTE-Band 66									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	QPSK	1	#0	23.31	23.42	23.46	23.47	23.55	23.52
		1	#Mid	**23.53**	23.54	23.36	**23.64**	23.52	23.44
		1	#Max	23.34	23.49	23.44	23.42	23.51	23.36
		50%	#0	23.33	22.43	22.43	22.43	22.52	22.65
		50%	#Mid	23.35	22.42	22.41	22.52	22.51	22.72
		50%	#Max	23.32	22.43	22.47	22.44	22.49	22.67
		100%	--	22.35	22.34	22.35	22.46	22.43	22.75
	16QAM	1	#0	22.62	22.49	22.60	**22.96**	**23.34**	22.87
		1	#Mid	22.81	22.94	22.58	22.85	23.27	22.86
		1	#Max	22.55	22.47	22.61	22.87	23.24	22.89
		50%	#0	22.24	21.46	21.48	21.47	21.53	21.64
		50%	#Mid	22.41	21.42	21.47	21.52	21.47	21.67
		50%	#Max	22.21	21.38	21.50	21.57	21.38	21.53
		100%	--	21.22	21.37	21,41	21.55	21.51	21.49
Mid	QPSK	1	#0	23.37	23.51	**23.65**	23.52	**23.75**	**23.65**
		1	#Mid	23.50	23.59	23.57	23.51	23.57	23.60
		1	#Max	23.42	23.52	23.54	23.46	23.55	23.52
		50%	#0	23.39	22.43	22.48	22.55	22.55	22.60
		50%	#Mid	23.43	22.51	22.52	22.47	22.49	22.47
		50%	#Max	23.35	22.51	22.49	22.47	22.62	22.53
		100%	--	22.43	22.47	22.48	22.50	22.48	22.57
	16QAM	1	#0	22.53	23.04	23.10	22.59	23.08	**23.20**
		1	#Mid	23.06	**23.12**	**23.11**	22.54	22.90	23.03
		1	#Max	22.51	22.96	23.02	22.52	22.83	23.04
		50%	#0	22.40	21.49	21.67	21.55	21.57	21.53
		50%	#Mid	22.47	21.52	21.71	21.49	21.56	21.67
		50%	#Max	22.30	21.67	21.58	21.51	21.47	21.55
		100%	--	21.48	21.53	21.61	21.46	21.48	21.45
High	QPSK	1	#0	23.48	23.33	23.55	23.62	23.54	23.58
		1	#Mid	23.42	**23.67**	23.60	23.51	23.62	23.59
		1	#Max	23.48	23.37	23.44	23.40	23.53	23.55
		50%	#0	23.26	22.28	22.47	22.61	22.71	22.55
		50%	#Mid	23.32	22.37	22.36	22.51	22.62	22.64
		50%	#Max	23.23	22.33	22.33	22.42	22.61	22.58
		100%	--	22.28	22.31	22.38	22.57	22.65	22.52
	16QAM	1	#0	**23.37**	22.67	22.76	22.80	22.70	23.13
		1	#Mid	22.48	22.67	22.63	22.75	22.64	23.07
		1	#Max	22.18	22.72	22.59	22.65	22.61	22.89
		50%	#0	22.13	21.53	21.54	21.68	21.70	21.57
		50%	#Mid	22.26	21.56	21.48	21.66	21.70	21.66
		50%	#Max	22.11	21.45	21.41	21.57	21.64	21.58
		100%	--	21.33	21.38	21.32	21.63	21.59	21.56

LTE-Band 66									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor ON)									
Low	QPSK	1	#0	19.77	19.79	19.98	20.03	20.10	20.10
		1	#Mid	19.84	19.89	19.88	19.88	19.89	19.97
		1	#Max	19.76	19.77	19.86	19.95	19.99	19.95
		50%	#0	19.82	19.81	19.96	19.97	19.99	20.05
		50%	#Mid	19.84	19.82	19.97	19.97	19.96	20.10
		50%	#Max	19.77	19.84	19.92	19.92	19.99	20.00
		100%	--	19.77	19.85	19.93	19.98	19.95	20.11
	16QAM	1	#0	20.00	20.07	20.28	20.33	20.39	20.47
		1	#Mid	20.11	20.17	20.17	20.15	20.19	20.34
		1	#Max	20.01	20.03	20.16	20.26	20.27	20.24
		50%	#0	19.85	19.94	19.99	20.01	20.06	20.09
		50%	#Mid	19.88	19.96	20.01	19.99	19.97	20.11
		50%	#Max	19.84	19.91	19.96	19.93	20.01	20.01
		100%	--	19.88	19.89	19.95	19.99	19.97	20.10
Mid	QPSK	1	#0	19.90	19.94	**20.03**	**20.08**	**20.16**	**20.31**
		1	#Mid	19.97	**20.05**	19.93	19.92	19.94	19.93
		1	#Max	19.90	19.93	19.94	19.94	19.93	19.87
		50%	#0	19.95	19.99	20.01	20.04	20.09	20.27
		50%	#Mid	**20.00**	20.03	20.02	20.03	20.04	20.04
		50%	#Max	19.94	19.97	19.96	19.97	19.98	19.97
		100%	--	19.99	19.98	20.00	20.01	20.06	20.06
	16QAM	1	#0	20.24	20.35	**20.36**	**20.37**	20.44	20.44
		1	#Mid	**20.34**	**20.39**	20.30	20.20	20.29	20.26
		1	#Max	20.21	20.25	20.29	20.20	20.30	20.13
		50%	#0	19.96	20.09	20.06	20.09	20.14	20.16
		50%	#Mid	20.02	20.08	20.03	20.04	20.07	20.11
		50%	#Max	19.95	20.08	19.99	20.01	19.98	20.03
		100%	--	20.05	20.01	20.06	20.05	20.06	20.07
High	QPSK	1	#0	19.84	19.91	19.97	20.02	20.15	20.16
		1	#Mid	19.89	19.96	19.89	19.93	19.95	19.89
		1	#Max	19.83	19.88	19.89	19.86	19.89	19.81
		50%	#0	19.91	19.95	19.98	20.01	20.07	20.15
		50%	#Mid	19.94	19.97	19.95	19.96	20.00	20.02
		50%	#Max	19.88	19.91	19.93	19.97	19.93	19.93
		100%	--	19.88	19.92	19.93	19.97	20.01	20.07
	16QAM	1	#0	20.19	20.26	20.22	20.35	**20.45**	**20.52**
		1	#Mid	20.26	**20.39**	20.19	20.19	20.26	20.23
		1	#Max	20.16	20.22	20.17	20.20	20.22	20.20
		50%	#0	19.89	20.07	19.98	20.01	20.11	20.15
		50%	#Mid	19.95	20.05	20.01	20.03	20.08	20.05
		50%	#Max	19.89	20.05	19.93	19.95	19.99	19.99
		100%	--	19.96	19.99	19.98	20.00	20.05	20.02

LTE-Band 2									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	64QAM	1	#0	21.74	21.27	21.64	21.43	21.47	21.63
		1	#Mid	**21.83**	21.65	**21.81**	21.37	21.28	21.59
		1	#Max	21.77	21.40	21.59	21.34	21.25	21.42
		50%	#0	21.31	20.36	20.49	20.34	20.39	20.30
		50%	#Mid	21.35	20.40	20.46	20.37	20.36	20.19
		50%	#Max	21.30	20.35	20.41	20.29	20.31	20.09
		100%	--	20.05	20.25	20.19	20.25	20.34	20.28
Mid	64QAM	1	#0	21.32	21.82	21.57	**21.81**	21.86	21.69
		1	#Mid	21.36	**21.85**	21.63	21.72	21.65	21.55
		1	#Max	21.26	21.71	21.67	21.77	21.70	21.64
		50%	#0	21,34	20.39	20.31	20.30	20.27	20.32
		50%	#Mid	21.49	20.36	20.29	20.27	20.30	20.28
		50%	#Max	21.38	20.31	20.22	20.33	20.31	20.28
		100%	--	20,13	20.34	20.10	20.24	20.30	20.22
High	64QAM	1	#0	21.48	21.50	**21.81**	21.46	22.15	**22.16**
		1	#Mid	21.54	21.65	21.80	21.51	21.95	21.90
		1	#Max	21.46	21.51	21.73	21.59	**22.38**	22.06
		50%	#0	21.49	20.61	20.49	20.39	20.55	20.67
		50%	#Mid	21.57	20.64	20.45	20.47	20.54	20.47
		50%	#Max	21.51	20.56	20.46	20.46	20.57	20.51
		100%	--	20.35	20.52	20.47	20.42	20.47	20.57
Maximum Power (Sensor ON)									
Low	64QAM	1	#0	20.67	**20.77**	20.72	20.42	20.76	20.55
		1	#Mid	20.75	20.56	20.63	20.33	20.55	20.49
		1	#Max	**20.76**	20.64	20.66	20.29	20.63	20.39
		50%	#0	20.55	20.36	20.49	20.34	20.39	20.30
		50%	#Mid	20.68	20.40	20.46	20.37	20.36	20.19
		50%	#Max	20.62	20.35	20.41	20.29	20.31	20.09
		100%	--	20.54	20.25	20.19	20.25	20.34	20.28
Mid	64QAM	1	#0	20.47	20.44	20.44	20.69	**20.81**	20.59
		1	#Mid	20.55	20.54	20.53	20.64	20.67	20.44
		1	#Max	20.63	20.64	20.38	20.58	20.55	20.39
		50%	#0	20.71	20.45	20.31	20.30	20.27	20.32
		50%	#Mid	20.66	20.36	20.29	20.27	20.30	20.28
		50%	#Max	20.65	20.31	20.22	20.33	20.31	20.28
		100%	--	20.13	20.34	20.10	20.24	20.30	20.22
High	64QAM	1	#0	20.66	20.64	**20.73**	20.55	20.66	20.64
		1	#Mid	20.55	20.35	20.58	20.63	20.74	20.39
		1	#Max	20.73	20.47	20.47	**20.73**	20.48	20.54
		50%	#0	20.68	20.61	20.49	20.39	20.55	**20.67**
		50%	#Mid	20.61	20.64	20.45	20.47	20.54	20.47
		50%	#Max	20.64	20.56	20.46	20.46	20.57	20.51
		100%	--	20.35	20.52	20.47	20.42	20.47	20.57

LTE-Band 4									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	64QAM	1	#0	21.48	21.55	**22.05**	21.58	21.68	22.00
		1	#Mid	21.57	21.65	21.96	21.55	21.46	21.89
		1	#Max	21.46	21.51	21.97	21.65	21.62	21.84
		50%	#0	21.53	20.59	20.74	20.54	20.57	20.62
		50%	#Mid	21.63	20.65	20.78	20.53	20.57	20.63
		50%	#Max	21.60	20.57	20.72	20.45	20.65	20.59
		100%	--	20.34	20.49	20.46	20.52	20.55	20.59
Mid	64QAM	1	#0	22.03	21.71	21.97	21.85	22.14	22.05
		1	#Mid	**22.06**	21.78	21.92	21.69	22.01	21.90
		1	#Max	21.98	21.64	21.84	21.68	21.98	21.95
		50%	#0	21.62	20.66	20.63	20.65	20.70	20.65
		50%	#Mid	21.64	20.67	20.63	20.57	20.66	20.61
		50%	#Max	21.58	20.63	20.61	20.58	20.60	20.54
		100%	--	20.35	20.54	20.44	20.59	20.67	20.55
High	64QAM	1	#0	21.54	22.11	21.92	**22.08**	**22.18**	**22.10**
		1	#Mid	21.73	**22.13**	21.86	21.95	22.01	21.93
		1	#Max	21.54	22.04	21.89	22.02	21.98	21.86
		50%	#0	21.73	20.65	20.57	20.51	20.62	20.60
		50%	#Mid	21.80	20.71	20.56	20.56	20.59	20.57
		50%	#Max	21.76	20.60	20.51	20.55	20.55	20.46
		100%	--	20.43	20.56	20.61	20.57	20.58	20.55
Maximum Power (Sensor ON)									
Low	64QAM	1	#0	19.75	**19.84**	**19.88**	**19.89**	**19.85**	**19.93**
		1	#Mid	19.74	19.77	19.78	19.85	19.66	19.78
		1	#Max	19.66	19.68	19.83	19.67	19.73	19.68
		50%	#0	19.73	**19.84**	19.73	19.73	19.73	19.77
		50%	#Mid	19.63	19.75	19.77	19.64	19.66	19.69
		50%	#Max	19.55	19.64	19.84	19.66	19.59	19.55
		100%	--	19.49	19.54	19.82	19.59	19.64	19.63
Mid	64QAM	1	#0	**19.77**	19.77	19.78	19.79	19.63	19.88
		1	#Mid	19.56	19.63	19.66	19.68	19.55	19.82
		1	#Max	19.63	19.68	19.73	19.74	19.73	19.74
		50%	#0	19.46	19.75	19.73	19.66	19.66	19.66
		50%	#Mid	19.59	19.69	19.69	19.74	19.59	19.72
		50%	#Max	19.55	19.63	19.64	19.69	19.64	19.59
		100%	--	19.47	19.58	19.55	19.59	19.71	19.63
High	64QAM	1	#0	19.66	19.77	19.63	19.63	19.83	19.78
		1	#Mid	19.73	19.58	19.58	19.71	19.59	19.71
		1	#Max	19.36	19.63	19.61	19.74	19.55	19.68
		50%	#0	19.54	19.66	19.55	19.77	19.77	19.72
		50%	#Mid	19.48	19.71	19.64	19.69	19.75	19.66
		50%	#Max	19.56	19.69	19.49	19.74	19.79	19.58
		100%	--	19.53	19.58	19.53	19.68	19.75	19.72

LTE-Band 7									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	64QAM	1	#0	N/A	N/A	20.69	20.44	20.50	20.89
		1	#Mid	N/A	N/A	20.67	20.47	20.38	20.63
		1	#Max	N/A	N/A	20.62	20.29	20.24	20.55
		50%	#0	N/A	N/A	19.32	19.35	19.45	19.36
		50%	#Mid	N/A	N/A	19.31	19.34	19.37	19.28
		50%	#Max	N/A	N/A	19.34	19.32	19.26	19.17
		100%	--	N/A	N/A	19.20	19.32	19.33	19.24
Mid	64QAM	1	#0	N/A	N/A	20.62	20.59	20.99	20.91
		1	#Mid	N/A	N/A	**20.84**	20.61	20.94	20.80
		1	#Max	N/A	N/A	20.67	20.62	20.98	20.81
		50%	#0	N/A	N/A	19.36	19.42	19.44	19.47
		50%	#Mid	N/A	N/A	19.34	19.41	19.49	19.42
		50%	#Max	N/A	N/A	19.33	19.38	19.40	19.35
		100%	--	N/A	N/A	19.41	19.44	19.49	19.42
High	64QAM	1	#0	N/A	N/A	20.75	**20.89**	**21.01**	**20.99**
		1	#Mid	N/A	N/A	20.67	20.86	20.93	20.84
		1	#Max	N/A	N/A	20.62	20.78	20.75	20.76
		50%	#0	N/A	N/A	19.56	19.44	19.54	19.49
		50%	#Mid	N/A	N/A	19.48	19.51	19.46	19.40
		50%	#Max	N/A	N/A	19.54	19.33	19.33	19.37
		100%	--	N/A	N/A	19.28	19.43	19.44	19.41
Maximum Power (Sensor ON)									
Low	64QAM	1	#0	N/A	N/A	19.71	19.62	19.64	19.88
		1	#Mid	N/A	N/A	19.67	19.72	19.58	19.67
		1	#Max	N/A	N/A	19.63	19.68	19.64	19.66
		50%	#0	N/A	N/A	19.32	19.35	19.45	19.36
		50%	#Mid	N/A	N/A	19.31	19.34	19.37	19.28
		50%	#Max	N/A	N/A	19.34	19.32	19.26	19.17
		100%	--	N/A	N/A	19.20	19.32	19.33	19.24
Mid	64QAM	1	#0	N/A	N/A	19.65	19.66	19.78	**19.93**
		1	#Mid	N/A	N/A	**19.78**	19.72	**19.82**	19.67
		1	#Max	N/A	N/A	19.68	19.68	19.77	19.75
		50%	#0	N/A	N/A	19.36	19.42	19.44	19.47
		50%	#Mid	N/A	N/A	19.34	19.41	19.49	19.42
		50%	#Max	N/A	N/A	19.33	19.38	19.40	19.35
		100%	--	N/A	N/A	19.41	19.44	19.49	19.42
High	64QAM	1	#0	N/A	N/A	19.77	**19.78**	**19.82**	19.85
		1	#Mid	N/A	N/A	19.75	19.73	19.71	19.78
		1	#Max	N/A	N/A	19.68	19.69	19.68	19.69
		50%	#0	N/A	N/A	19.56	19.44	19.54	19.49
		50%	#Mid	N/A	N/A	19.48	19.51	19.46	19.40
		50%	#Max	N/A	N/A	19.54	19.33	19.33	19.37
		100%	--	N/A	N/A	19.28	19.43	19.44	19.41

LTE-Band 66									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
Maximum Power (Sensor Off)									
Low	64QAM	1	#0	21.89	21.93	22.30	22.10	22.72	22.26
		1	#Mid	22.03	22.06	22.38	22.06	**22.76**	22.22
		1	#Max	21.89	21.97	22.35	22.10	22.73	22.24
		50%	#0	**22.05**	21.99	21.96	21.99	20.84	20.95
		50%	#Mid	**22.05**	22.03	22.06	22.03	20.88	20.84
		50%	#Max	22.01	22.04	22.06	22.08	20.93	20.87
		100%	--	20.48	21.17	21.04	20.94	20.82	20.97
Mid	64QAM	1	#0	21.80	22.36	22.40	22.11	22.15	22.39
		1	#Mid	21.82	**22.44**	**22.48**	22.14	21.98	22.17
		1	#Max	21.76	22.41	22.45	22.10	21.85	22.15
		50%	#0	21.57	22.26	21.98	22.01	20.86	20.91
		50%	#Mid	21.63	22.34	21.97	21.96	20.84	20.88
		50%	#Max	21.59	22.35	21.99	22.03	20.83	20.80
		100%	--	20.85	20.95	20.89	20.95	20.85	20.86
High	64QAM	1	#0	21.60	21.95	22.23	22.44	22.47	**22.68**
		1	#Mid	21.63	21.99	22.21	**22.48**	22.48	22.59
		1	#Max	21.59	21.94	22.12	22.41	21.92	21.70
		50%	#0	21.38	21.75	21.82	22.26	21.00	20.96
		50%	#Mid	21.49	21.78	21.85	22.17	21.02	21.06
		50%	#Max	21.42	21.76	21.90	22.24	20.99	20.93
		100%	--	20.68	21.00	20.85	21.13	21.04	20.90
Maximum Power (Sensor ON)									
Low	64QAM	1	#0	19.88	**19.95**	**19.89**	19.77	19.59	**19.92**
		1	#Mid	19.79	19.92	19.82	19.82	19.66	19.74
		1	#Max	19.68	19.90	19.77	**19.84**	19.73	19.69
		50%	#0	**19.93**	19.84	19.69	19.68	19.69	19.66
		50%	#Mid	19.66	19.66	19.72	19.71	**19.75**	19.34
		50%	#Max	19.59	19.56	19.69	19.68	19.66	19.64
		100%	--	19.72	19.64	19.72	19.58	19.74	19.55
Mid	64QAM	1	#0	19.78	19.89	19.88	19.78	19.74	19.89
		1	#Mid	19.77	19.78	19.64	19.65	19.69	19.88
		1	#Max	19.65	19.82	19.52	19.74	19.73	19.74
		50%	#0	19.76	19.74	19.63	19.73	19.68	19.77
		50%	#Mid	19.58	19.83	19.66	19.82	19.58	19.82
		50%	#Max	19.63	19.77	19.74	19.75	19.68	19.86
		100%	--	19.69	19.75	19.78	19.66	19.64	19.59
High	64QAM	1	#0	19.84	19.82	19.83	19.74	19.74	19.89
		1	#Mid	19.77	19.69	19.77	19.58	19.66	19.77
		1	#Max	19.69	19.74	19.68	19.76	19.59	19.55
		50%	#0	19.66	19.78	19.73	19.66	19.63	19.63
		50%	#Mid	19.58	19.66	19.69	19.73	19.57	19.73
		50%	#Max	19.64	19.57	19.58	19.83	19.63	19.77
		100%	--	19.66	19.55	19.63	19.48	19.55	19.68

LTE-Band 5/12									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
LTE-Band 5 Maximum Power (Sensor Off)									
Low	64QAM	1	#0	21.44	21.40	21.74	21.48	N/A	N/A
		1	#Mid	21.42	21.47	**21.89**	21.49	N/A	N/A
		1	#Max	21.33	21.30	21.70	21.46	N/A	N/A
		50%	#0	21.44	20.51	20.47	20.38	N/A	N/A
		50%	#Mid	21.54	20.53	20.40	20.48	N/A	N/A
		50%	#Max	21.43	20.39	20.46	20.44	N/A	N/A
		100%	--	20.17	20.40	20.43	20.44	N/A	N/A
Mid	64QAM	1	#0	21.94	21.49	21.78	21.52	N/A	N/A
		1	#Mid	**21.98**	21.57	21.75	21.48	N/A	N/A
		1	#Max	21.85	21.44	21.70	21.50	N/A	N/A
		50%	#0	21.42	20.51	20.56	20.40	N/A	N/A
		50%	#Mid	21.49	20.52	20.54	20.43	N/A	N/A
		50%	#Max	21.35	20.41	20.49	20.46	N/A	N/A
		100%	--	20.21	20.38	20.35	20.38	N/A	N/A
High	64QAM	1	#0	21.28	21.88	21.77	**21.99**	N/A	N/A
		1	#Mid	21.39	22.00	21.70	21.98	N/A	N/A
		1	#Max	21.21	**22.03**	21.78	21.86	N/A	N/A
		50%	#0	21.45	20.50	20.43	20.42	N/A	N/A
		50%	#Mid	21.56	20.52	20.39	20.46	N/A	N/A
		50%	#Max	21.55	20.45	20.28	20.33	N/A	N/A
		100%	--	20.12	20.44	20.24	20.44	N/A	N/A
LTE-Band 12 Maximum Power (Sensor Off)									
Low	64QAM	1	#0	22.13	22.19	22.36	22.05	N/A	N/A
		1	#Mid	22.20	22.21	22.41	22.02	N/A	N/A
		1	#Max	22.07	22.10	22.41	22.07	N/A	N/A
		50%	#0	**22.36**	21.91	22.08	22.03	N/A	N/A
		50%	#Mid	22.33	21.96	22.06	22.03	N/A	N/A
		50%	#Max	22.25	21.95	22.07	22.04	N/A	N/A
		100%	--	20.70	21.16	21.10	21.00	N/A	N/A
Mid	64QAM	1	#0	21.85	22.05	22.36	22.15	N/A	N/A
		1	#Mid	21.91	22.28	**22.52**	22.35	N/A	N/A
		1	#Max	21.94	22.16	22.49	**22.42**	N/A	N/A
		50%	#0	21.67	21.94	21.86	22.03	N/A	N/A
		50%	#Mid	21.75	22.04	21.91	22.04	N/A	N/A
		50%	#Max	21.68	22.06	21.88	22.06	N/A	N/A
		100%	--	20.94	21.26	20.89	21.01	N/A	N/A
High	64QAM	1	#0	22.10	22.34	22.10	22.33	N/A	N/A
		1	#Mid	22.20	**22.46**	22.13	22.20	N/A	N/A
		1	#Max	21.97	22.34	22.19	22.24	N/A	N/A
		50%	#0	21.84	22.26	21.73	21.85	N/A	N/A
		50%	#Mid	21.88	22.32	21.81	21.91	N/A	N/A
		50%	#Max	21.81	22.35	21.78	21.90	N/A	N/A
		100%	--	21.14	20.96	20.82	20.89	N/A	N/A

LTE-Band 13/14									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
LTE-Band 13 Maximum Power (Sensor Off)									
Low	64QAM	1	#0	N/A	N/A	22.43	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.29	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.30	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.85	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.88	N/A	N/A	N/A
		50%	#Max	N/A	N/A	22.00	N/A	N/A	N/A
		100%	--	N/A	N/A	20.91	N/A	N/A	N/A
Mid	64QAM	1	#0	N/A	N/A	**22.50**	22.35	N/A	N/A
		1	#Mid	N/A	N/A	22.43	**22.44**	N/A	N/A
		1	#Max	N/A	N/A	22.29	22.27	N/A	N/A
		50%	#0	N/A	N/A	22.19	22.07	N/A	N/A
		50%	#Mid	N/A	N/A	22.21	22.11	N/A	N/A
		50%	#Max	N/A	N/A	22.02	22.10	N/A	N/A
		100%	--	N/A	N/A	21.21	20.93	N/A	N/A
High	64QAM	1	#0	N/A	N/A	22.10	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.41	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.47	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.85	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.90	N/A	N/A	N/A
		50%	#Max	N/A	N/A	22.02	N/A	N/A	N/A
		100%	--	N/A	N/A	20.86	N/A	N/A	N/A
LTE-Band 14 Maximum Power (Sensor Off)									
Low	64QAM	1	#0	N/A	N/A	22.39	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.43	N/A	N/A	N/A
		1	#Max	N/A	N/A	**22.44**	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.88	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.90	N/A	N/A	N/A
		50%	#Max	N/A	N/A	21.94	N/A	N/A	N/A
		100%	--	N/A	N/A	20.89	N/A	N/A	N/A
Mid	64QAM	1	#0	N/A	N/A	22.19	22.39	N/A	N/A
		1	#Mid	N/A	N/A	22.36	**22.42**	N/A	N/A
		1	#Max	N/A	N/A	22.38	22.36	N/A	N/A
		50%	#0	N/A	N/A	22.05	22.07	N/A	N/A
		50%	#Mid	N/A	N/A	22.07	22.01	N/A	N/A
		50%	#Max	N/A	N/A	22.01	22.02	N/A	N/A
		100%	--	N/A	N/A	21.06	20.97	N/A	N/A
High	64QAM	1	#0	N/A	N/A	22.30	N/A	N/A	N/A
		1	#Mid	N/A	N/A	22.21	N/A	N/A	N/A
		1	#Max	N/A	N/A	22.22	N/A	N/A	N/A
		50%	#0	N/A	N/A	21.76	N/A	N/A	N/A
		50%	#Mid	N/A	N/A	21.79	N/A	N/A	N/A
		50%	#Max	N/A	N/A	21.91	N/A	N/A	N/A
		100%	--	N/A	N/A	20.83	N/A	N/A	N/A

LTE-Band 41/48									
Channel	Modulation	RB No.	RB Offset	1.4M	3M	5M	10M	15M	20M
LTE-Band 41 Maximum Power (Sensor Off)									
Low	64QAM	1	#0	N/A	N/A	20.86	20.32	20.75	21.12
		1	#Mid	N/A	N/A	21.20	20.22	20.42	20.94
		1	#Max	N/A	N/A	19.57	20.35	20.55	20.93
		50%	#0	N/A	N/A	19.42	19.48	19.46	19.74
		50%	#Mid	N/A	N/A	19.44	19.45	19.33	19.68
		50%	#Max	N/A	N/A	19.41	19.44	19.42	19.62
		100%	--	N/A	N/A	19.22	19.49	19.45	19.59
Mid	64QAM	1	#0	N/A	N/A	**21.22**	21.07	20.34	**21.49**
		1	#Mid	N/A	N/A	20.94	20.96	20.21	21.37
		1	#Max	N/A	N/A	20.87	20.78	20.10	21.32
		50%	#0	N/A	N/A	19.37	19.48	19.56	19.49
		50%	#Mid	N/A	N/A	19.54	19.22	19.56	19.53
		50%	#Max	N/A	N/A	19.32	19.38	19.58	19.48
		100%	--	N/A	N/A	19.24	19.48	19.54	19.47
High	64QAM	1	#0	N/A	N/A	20.78	21.24	**21.19**	20.96
		1	#Mid	N/A	N/A	20.86	21.32	21.05	20.64
		1	#Max	N/A	N/A	20.79	**21.38**	20.91	20.69
		50%	#0	N/A	N/A	19.41	19.41	19.40	19.48
		50%	#Mid	N/A	N/A	19.46	19.47	19.35	19.44
		50%	#Max	N/A	N/A	19.40	19.42	19.36	19.31
		100%	--	N/A	N/A	19.61	19.44	19.38	19.24
LTE-Band 48 Maximum Power (Sensor Off)									
Low	64QAM	1	#0	N/A	N/A	21.12	**21.42**	**19.11**	19.57
		1	#Mid	N/A	N/A	21.16	21.28	18.73	19.27
		1	#Max	N/A	N/A	20.81	21.17	18.81	19.08
		50%	#0	N/A	N/A	19.86	19.71	17.32	17.92
		50%	#Mid	N/A	N/A	19.68	19.66	17.64	17.24
		50%	#Max	N/A	N/A	19.67	19.53	17.59	17.58
		100%	--	N/A	N/A	19.62	19.81	17.15	17.74
Mid	64QAM	1	#0	N/A	N/A	20.61	20.66	18.77	**19.68**
		1	#Mid	N/A	N/A	20.56	20.49	18.52	19.34
		1	#Max	N/A	N/A	20.33	20.38	18.53	19.37
		50%	#0	N/A	N/A	19.61	19.68	17.76	17.81
		50%	#Mid	N/A	N/A	19.74	19.70	17.25	17.71
		50%	#Max	N/A	N/A	19.68	19.71	17.64	17.11
		100%	--	N/A	N/A	19.62	19.64	17.71	17.68
High	64QAM	1	#0	N/A	N/A	**21.32**	20.99	18.97	19.57
		1	#Mid	N/A	N/A	21.25	20.85	18.68	19.20
		1	#Max	N/A	N/A	21.15	20.79	18.62	19.17
		50%	#0	N/A	N/A	19.47	19.36	17.11	17.65
		50%	#Mid	N/A	N/A	19.38	19.39	17.54	17.54
		50%	#Max	N/A	N/A	19.62	19.20	17.41	16.90
		100%	--	N/A	N/A	19.54	19.42	17.64	17.67

9. Component Carrier Maximum Conducted Power

LTE UPLINK CA Measurement:

The device supports LTE intra-band contiguous 2 UL CA for CA_7C and CA_41C. According to 2017-11 TCB workshop, the maximum output power is measured for each UL CA configuration for the required test channels described in KDB 941225 D05. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band.

LTE DOWNLINK CA Measurement:

The device supports a maximum of 3 carriers in the downlink. Other Release 10 features or higher features are not supported, including Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc. All uplink communications are identical to the Release 8 Specifications.

The conducted power measurement results of downlink LTE CA are provided per 3GPP TS 36.521-1 V16.0.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

Note:

1） For the inter-band CA combinations, all the listed bands above can be used as PCC or SCC.

2) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V16.0.0.

3) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.1.0

4) Testing is not required in bands or modes not intended/allowed for US operation

5) Based on TCB workshop April 2018, only indicate “No” in CA combination table need power measurement.

LTE 2CA UPLINK Conducted Power

CA_7C

CA 7C Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	99	0	22.21	23.8
20	QPSK	21152	2540.2	1	0	20	QPSK	21350	2560	1	99	0	22.26	23.8

CA 7C Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	74	0	22.18	23.8
15	QPSK	21179	2542.9	1	0	20	QPSK	21350	2560	1	99	0	22.14	23.8

CA 7C Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
15	QPSK	20825	2507.5	1	0	15	QPSK	20975	2522.5	1	74	0	22.07	23.8
15	QPSK	21225	2547.5	1	0	15	QPSK	21375	2562.5	1	74	0	22.13	23.8

CA 7C Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
15	QPSK	20825	2507.5	1	0	10	QPSK	20945	2519.5	1	49	0	22.11	23.8
15	QPSK	21277	2552.7	1	0	10	QPSK	21397	2564.7	1	49	0	22.09	23.8

CA 7C Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	20850	2510	1	0	10	QPSK	20994	2524.4	1	49	0	22.16	23.8
10	QPSK	21206	2545.6	1	0	20	QPSK	21350	2560	1	99	0	22.07	23.8

CA_7C (Reduced Power)

CA 7C Combination 100RB + 100RB (20MHz + 20MHz) (Reduced Power)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	99	0	19.93	21
20	QPSK	21152	2540.2	1	0	20	QPSK	21350	2560	1	99	0	19.96	21

CA 7C Combination 75RB + 100RB (15MHz + 20MHz) (Reduced Power)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	74	0	19.91	21
15	QPSK	21179	2542.9	1	0	20	QPSK	21350	2560	1	99	0	19.88	21

CA 7C Combination 75RB + 75RB (15MHz + 15MHz) (Reduced Power)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
15	QPSK	20825	2507.5	1	0	15	QPSK	20975	2522.5	1	74	0	19.93	21
15	QPSK	21225	2547.5	1	0	15	QPSK	21375	2562.5	1	74	0	19.92	21

CA 7C Combination 75RB + 50RB (15MHz + 10MHz) (Reduced Power)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
15	QPSK	20825	2507.5	1	0	10	QPSK	20945	2519.5	1	49	0	19.89	21
15	QPSK	21277	2552.7	1	0	10	QPSK	21397	2564.7	1	49	0	19.92	21

CA 7C Combination 50RB + 100RB (10MHz + 20MHz) (Reduced Power)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	20850	2510	1	0	10	QPSK	20994	2524.4	1	49	0	19.88	21
10	QPSK	21206	2545.6	1	0	20	QPSK	21350	2560	1	99	0	19.91	21

CA_41C

CA 41C Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	39750	2506	1	0	20	QPSK	39948	2525.8	1	99	0	22.19	23.8
20	QPSK	41292	2660.2	1	0	20	QPSK	41490	2680	1	99	0	22.18	23.8

CA 41C Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	39750	2506	1	0	15	QPSK	39921	2523.1	1	74	0	22.17	23.8
15	QPSK	41319	2662.9	1	0	20	QPSK	41490	2680	1	99	0	22.15	23.8

CA 41C Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
15	QPSK	39725	2503.5	1	0	15	QPSK	39875	2518.5	1	74	0	22.14	23.8
15	QPSK	41365	2667.5	1	0	15	QPSK	41515	2682.5	1	74	0	22.13	23.8

CA 41C Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
20	QPSK	39750	2506	1	0	10	QPSK	39894	2520.4	1	49	0	22.16	23.8
10	QPSK	41346	2665.6	1	0	20	QPSK	41490	2680	1	99	0	22.13	23.8

CA 41C Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
10	QPSK	39703	2501.3	1	0	15	QPSK	39823	2513.3	1	74	0	22.11	23.8
15	QPSK	41417	2672.7	1	0	10	QPSK	41537	2684.7	1	49	0	22.09	23.8

CA 41C Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						UpLink CA Power		
BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	BW (MHz)	Modulation	Channel	Frquency (MHz)	RB No.	RB offest	MPR (dB)	Mwasured (dBm)	Tune-up limt (dBm)
5	QPSK	39683	2499.3	1	0	20	QPSK	39800	2511	1	99	0	22.15	23.8
20	QPSK	41440	2675	1	0	5	QPSK	41557	2686.7	1	49	0	22.13	23.8

LTE DOWNLINK CA Combination Table

Index	2CC	Restriction	Completely Covered by Measurement Superset	Index	3CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA_2A-2A		3CC #1	3CC #1	CA_2A-2A-5A		No
2CC #2	CA_2C		No	3CC #2	CA_2A-2A-12A		No
2CC #3	CA_2A-4A		3CC #8	3CC #3	CA_2A-2A-13A		No
2CC #4	CA_2A-7A		3CC #4	3CC #4	CA_2A-7A-7A		No
2CC #5	CA_2A-12A		3CC #2	3CC #5	CA_2A-66A-66A		No
2CC #6	CA_2A-13A		3CC #3	3CC #6	CA_2A-66B		No
2CC #7	CA_2A-29A	B29 SCC only	3CC #15	3CC #7	CA_2A-66C		No
2CC #8	CA_2A-30A	B30 SCC only	3CC #15	3CC #8	CA_2A-4A-5A		No
2CC #9	CA_2A-66A		3CC #5	3CC #9	CA_2A-4A-7A		No
2CC #10	CA_4A-4A		3CC #16	3CC #10	CA_2A-4A-12A		No
2CC #11	CA_4A-5A		3CC #16	3CC #11	CA_2A-4A-13A		No
2CC #12	CA_4A-7A		3CC #20	3CC #12	CA_2A-4A-29A	B29 SCC only	No
2CC #13	CA_4A-12A		3CC #10	3CC #13	CA_2A-12A-30A	B30 SCC only	No
2CC #14	CA_4A-13A		3CC #11	3CC #14	CA_2A-13A-66A		No
2CC #15	CA_4A-29A	B29 SCC only	3CC #24	3CC #15	CA_2A-29A-30A	B29 SCC only B30 SCC only	No
2CC #16	CA_4A-30A	B30 SCC only	3CC #24	3CC #16	CA_4A-4A-5A		No
2CC #17	CA_5A-30A	B30 SCC only	3CC #27	3CC #17	CA_4A-4A-12A		No
2CC #18	CA_5A-66A		3CC #27	3CC #18	CA_4A-4A-13A		No
2CC #19	CA_7B		No	3CC #19	CA_4A-4A-30A	B30 SCC only	No
2CC #20	CA_7C		No	3CC #20	CA_4A-7A-7A		No
2CC #21	CA_7A-12A		3CC #22	3CC #21	CA_4A-5A-30A	B30 SCC only	No
2CC #22	CA_12A-30A	B30 SCC only	3CC #23	3CC #22	CA_4A-7A-12A		No
2CC #23	CA_12A-66A		3CC #28	3CC #23	CA_4A-12A-30A	B30 SCC only	No
2CC #24	CA_13A-66A		3CC #29	3CC #24	CA_4A-29A-30A	B29 SCC only B30 SCC only	No
2CC #26	CA_66B		3CC #31	3CC #25	CA_5A-66C		No
2CC #27	CA_66C		3CC #32	3CC #26	CA_5A-66A-66A		No
2CC #28	CA_29A-66A		3CC #33	3CC #27	CA_5A-30A-66A	B30 SCC only	No
2CC #29	CA_30A-66A		3CC #33	3CC #28	CA_12A-30A-66A	B30 SCC only	No
2CC #30	CA_5B		No	3CC #29	CA_13A-66A-66A		No
2CC #31	CA_7A-7A		3CC #4	3CC #30	CA_41D		No
2CC #32	CA_41C		No	3CC #31	CA_66A-66B		No
2CC #33	CA_2A-5A		3CC #35	3CC #32	CA_66A-66C		No
2CC #34	CA_5A-7A		No	3CC #33	CA_29A-30A-66A	B29 SCC only B30 SCC only	No
2CC #35	CA_48A-48A		No	3CC #34	CA_13A-66C		No
2CC #36	CA_48C		No	3CC #35	CA_2A-5A-30A	B30 SCC only	No
				3CC #36	CA_2A-5A-66A		No
				3CC #37	CA_2A-7A-12A		No
				3CC #38	CA_5A-66B		No
				3CC #39	CA_13A-66B		No

LTE DOWNLINK 2CA Maximum Couducted Power															
PCC UL							PCC DL		SCC DL				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offest	Channel	Frquency (MHz)	Channel	Frquency (MHz)	Band	BW (MHz)	Channel	Frquency (MHz)	DL CA Active	DL CA Inactive	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	898	1959.8	22.44	23.50	CA_2C
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	23.81	23.85	CA_2C
LTE B7	15	QPSK	1	0	20825	2507.5	2825	2627.5	LTE B7	5	2918	2636.8	22.24	22.31	CA 7B
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3048	2649.8	22.21	22.24	CA 7C
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	3152	2660.2	22.26	22.32	CA 7C
LTE B5	10	QPSK	1	25	20450	829	2450	874	LTE B5	10	2549	883.9	23.12	23.18	CA_5B
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B5	10	2501	879.1	23.15	23.24	CA_5B
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	22.00	22.02	CA_41C
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	41292	2660.2	22.28	22.34	CA_41C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B7	20	3100	2655	23.09	23.25	CA_5A-7A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B5	10	2525	881.5	22.28	22.34	CA_5A-7A
LTE B48	20	QPSK	1	0	55340	3560	55340	3560	LTE B48	20	56640	3690	22.54	22.70	CA_48A-48A
LTE B48	20	QPSK	1	0	55340	3560	55340	3560	LTE B48	20	55538	3579.8	22.55	22.70	CA_48C
LTE B48	20	QPSK	1	0	56640	3690	56640	3690	LTE B48	20	56442	3670.2	22.67	22.93	CA_48C

LTE DOWNLINK 2CA Maximum Couducted Power (Reduced Power)															
PCC UL							PCC DL		SCC DL				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offest	Channel	Frquency (MHz)	Channel	Frquency (MHz)	Band	BW (MHz)	Channel	Frquency (MHz)	DL CA Active	DL CA Inactive	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	898	1959.8	20.88	20.96	CA_2C
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	21.16	21.28	CA_2C
LTE B7	15	QPSK	1	0	20825	2507.5	2825	2627.5	LTE B7	5	2918	2636.8	19.92	19.95	CA 7B
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3048	2649.8	19.81	19.86	CA 7C
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	3152	2660.2	19.88	19.92	CA 7C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B7	20	3100	2655	23.22	23.25	CA_5A-7A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B5	10	2525	881.5	19.89	19.94	CA_5A-7A

LTE DOWNLINK 3CA Maximum Couducted Power																			
PCC UL							PCC DL		SCC DL				SCC DL				TX Power (dBm)		
Band	BW (MHz)	Modulation	RB No.	RB offest	Channel	Frquency (MHz)	Channel	Frquency (MHz)	Band	BW (MHz)	Channel	Frquency (MHz)	Band	BW (MHz)	Channel	Frquency (MHz)	DL CA Active	DL CA Inactive	Configurations
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2525	881.5	23.46	23.50	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	LTE B5	10	2525	881.5	23.74	23.85	CA_2A-2A-5A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	1100	1980	LTE B2	20	700	1940	23.15	23.25	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	23.45	23.50	CA_2A-2A-12A
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	LTE B12	10	5095	737.5	23.77	23.85	CA_2A-2A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	1100	1980	LTE B2	20	700	1940	23.11	23.24	CA_2A-2A-12A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	10	5230	751	23.43	23.50	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	LTE B13	10	5230	751	23.75	23.85	CA_2A-2A-13A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B2	20	1100	1980	LTE B2	20	700	1940	23.28	23.32	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	23.47	23.54	CA_2A-7A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3350	2680	LTE B2	20	900	1960	22.12	22.24	CA_2A-7A-7A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	2850	2630	LTE B2	20	900	1960	22.26	22.32	CA_2A-7A-7A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.46	23.54	CA_2A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67236	2190	LTE B2	20	900	1960	23.42	23.52	CA_2A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	10	66837	2150.1	LTE B66	10	66936	2160	23.44	23.54	CA_2A-66B
LTE B66	10	QPSK	1	25	132373	1750.1	66837	2150.1	LTE B66	10	66936	2160	LTE B2	20	900	1960	23.38	23.57	CA_2A-66B
LTE B66	10	QPSK	1	25	132472	1760	66936	2160	LTE B66	10	66837	2150.1	LTE B2	20	900	1960	23.35	23.55	CA_2A-66B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.42	23.54	CA_2A-66C
LTE B66	20	QPSK	1	0	132323	1745.1	66787	2145.1	LTE B66	20	66985	2164.9	LTE B2	20	900	1960	23.47	23.55	CA_2A-66C
LTE B66	20	QPSK	1	0	132521	1764.9	66985	2164.9	LTE B66	20	66787	2145.1	LTE B2	20	900	1960	23.45	23.58	CA_2A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	23.46	23.54	CA_2A-4A-5A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	23.43	23.84	CA_2A-4A-5A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.18	23.25	CA_2A-4A-5A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	23.41	23.54	CA_2A-4A-7A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	23.68	23.84	CA_2A-4A-7A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	22.18	22.34	CA_2A-4A-7A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	23.49	23.54	CA_2A-4A-12A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B12	10	5095	737.5	23.75	23.84	CA_2A-4A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.18	23.24	CA_2A-4A-12A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B13	10	5230	751	23.47	23.54	CA_2A-4A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B13	10	5230	751	23.71	23.84	CA_2A-4A-13A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.19	23.32	CA_2A-4A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	23.38	23.54	CA_2A-4A-29A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B29	10	9715	722.5	23.74	23.84	CA_2A-4A-29A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.46	23.54	CA_2A-12A-30A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	23.15	23.24	CA_2A-12A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	10	5230	751	LTE B66	20	66786	2145	23.47	23.54	CA_2A-13A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.19	23.32	CA_2A-13A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B2	20	900	1960	LTE B13	10	5230	751	23.58	23.65	CA_2A-13A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.47	23.54	CA_2A-29A-30A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	23.71	23.77	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B5	10	2525	881.5	23.82	23.85	CA_4A-4A-5A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.17	23.25	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	23.71	23.77	CA_4A-4A-12A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B12	10	5095	737.5	23.79	23.85	CA_4A-4A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.18	23.24	CA_4A-4A-12A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B13	10	5230	751	23.69	23.77	CA_4A-4A-13A

LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B13	10	5230	751	23.76	23.85	CA_4A-4A-13A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.25	23.32	CA_4A-4A-13A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B30	10	9820	2355	23.66	23.77	CA_4A-4A-30A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B30	10	9820	2355	23.74	23.85	CA_4A-4A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B7	20	2850	2630	LTE B7	20	3350	2680	23.71	23.84	CA_4A-7A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3350	2680	LTE B4	20	2175	2132.5	22.15	22.24	CA_4A-7A-7A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	2850	2630	LTE B4	20	2175	2132.5	22.21	22.32	CA_4A-7A-7A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.77	23.84	CA_4A-5A-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.16	23.25	CA_4A-5A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B7	20	3100	2655	LTE B12	10	5095	737.5	23.79	23.84	CA_4A-7A-12A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	22.28	22.34	CA_4A-7A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	23.16	23.24	CA_4A-7A-12A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.71	23.84	CA_4A-12A-30A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.15	23.24	CA_4A-12A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.79	23.84	CA_4A-29A-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.16	23.25	CA_5A-66C
LTE B66	20	QPSK	1	0	132323	1745.1	66787	2145.1	LTE B66	20	66985	2164.9	LTE B5	10	2525	881.5	23.41	23.55	CA_5A-66C
LTE B66	20	QPSK	1	0	132521	1764.9	66985	2164.9	LTE B66	20	66787	2145.1	LTE B5	10	2525	881.5	23.51	23.58	CA_5A-66C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.17	23.25	CA_5A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67236	2190	LTE B5	10	2525	881.5	23.43	23.52	CA_5A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66786	2145	LTE B30	10	9820	2355	23.13	23.25	CA_5A-30A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.53	23.65	CA_5A-30A-66A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B66	20	66786	2145	LTE B30	10	9820	2355	23.17	23.24	CA_12A-30A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.57	23.65	CA_12A-30A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.24	23.32	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67236	2190	LTE B13	10	5230	751	23.47	23.52	CA_13A-66A-66A
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	21.99	22.02	CA_41D
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	40422	2573.2	LTE B41	20	40818	2612.8	22.41	22.47	CA_41D
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	22.27	22.34	CA_41D
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	10	67187	2185.1	LTE B66	10	67286	2195	23.38	23.52	CA_66A-66B
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	23.36	23.52	CA_66A-66C
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.42	23.65	CA_29A-30A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.18	23.32	CA_13A-66C
LTE B66	20	QPSK	1	0	132323	1745.1	66787	2145.1	LTE B66	20	66985	2164.9	LTE B13	10	5230	751	23.42	23.55	CA_13A-66C
LTE B66	20	QPSK	1	0	132521	1764.9	66985	2164.9	LTE B66	20	66787	2145.1	LTE B13	10	5230	751	23.44	23.58	CA_13A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.43	23.54	CA_2A-5A-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	23.16	23.25	CA_2A-5A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	23.38	23.54	CA_2A-5A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.16	23.25	CA_2A-5A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B2	20	900	1960	LTE B5	10	2525	881.5	23.48	23.65	CA_2A-5A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	3100	2655	LTE B12	10	5095	737.5	23.46	23.54	CA_2A-7A-12A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B2	20	900	1960	LTE B12	10	5095	737.5	22.18	22.34	CA_2A-7A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	23.19	23.24	CA_2A-7A-12A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	10	66837	2150.1	LTE B66	10	66936	2160	23.16	23.25	CA_5A-66B
LTE B66	10	QPSK	1	25	132373	1750.1	66837	2150.1	LTE B66	10	66936	2160	LTE B5	10	2525	881.5	23.44	23.57	CA_5A-66B
LTE B66	10	QPSK	1	25	132472	1760	66936	2160	LTE B66	10	66837	2150.1	LTE B5	10	2525	881.5	23.37	23.55	CA_5A-66B
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B66	10	66837	2150.1	LTE B66	10	66936	2160	23.20	23.32	CA_13A-66B
LTE B66	10	QPSK	1	25	132373	1750.1	66837	2150.1	LTE B66	10	66936	2160	LTE B13	10	5230	751	23.44	23.57	CA_13A-66B
LTE B66	10	QPSK	1	25	132472	1760	66936	2160	LTE B66	10	66837	2150.1	LTE B13	10	5230	751	23.39	23.55	CA_13A-66B

LTE DOWNLINK 3CA Maximum Couducted Power (Reduced Power)																			
PCC UL							PCC DL		SCC DL				SCC DL				TX Power (dBm)		
Band	BW (MHz)	Modulation	RB No.	RB offest	Channel	Frquency (MHz)	Channel	Frquency (MHz)	Band	BW (MHz)	Channel	Frquency (MHz)	Band	BW (MHz)	Channel	Frquency (MHz)	DL CA Active	DL CA Inactive	Configurations
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2525	881.5	20.88	20.96	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	LTE B5	10	2525	881.5	21.16	21.28	CA_2A-2A-5A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	1100	1980	LTE B2	20	700	1940	23.13	23.25	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	20.86	20.96	CA_2A-2A-12A
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	LTE B12	10	5095	737.5	21.19	21.28	CA_2A-2A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	1100	1980	LTE B2	20	700	1940	23.09	23.24	CA_2A-2A-12A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	10	5230	751	20.83	20.96	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	19100	1900	1100	1980	LTE B2	20	700	1940	LTE B13	10	5230	751	21.17	21.28	CA_2A-2A-13A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B2	20	1100	1980	LTE B2	20	700	1940	23.26	23.32	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	21.22	21.33	CA_2A-7A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3350	2680	LTE B2	20	900	1960	19.85	19.86	CA_2A-7A-7A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	2850	2630	LTE B2	20	900	1960	19.88	19.92	CA_2A-7A-7A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66536	2120	LTE B66	20	67236	2190	21.22	21.33	CA_2A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67236	2190	LTE B2	20	900	1960	20.02	20.10	CA_2A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	10	66837	2150.1	LTE B66	10	66936	2160	21.26	21.33	CA_2A-66B
LTE B66	10	QPSK	1	25	132373	1750.1	66837	2150.1	LTE B66	10	66936	2160	LTE B2	20	900	1960	19.98	20.03	CA_2A-66B
LTE B66	10	QPSK	1	25	132472	1760	66936	2160	LTE B66	10	66837	2150.1	LTE B2	20	900	1960	19.96	19.99	CA_2A-66B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	21.27	21.33	CA_2A-66C
LTE B66	20	QPSK	1	0	132323	1745.1	66787	2145.1	LTE B66	20	66985	2164.9	LTE B2	20	900	1960	19.99	20.05	CA_2A-66C
LTE B66	20	QPSK	1	0	132521	1764.9	66985	2164.9	LTE B66	20	66787	2145.1	LTE B2	20	900	1960	19.96	20.03	CA_2A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	21.27	21.33	CA_2A-4A-5A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	20.15	20.27	CA_2A-4A-5A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	21.17	23.25	CA_2A-4A-5A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	21.26	21.33	CA_2A-4A-7A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	20.19	20.27	CA_2A-4A-7A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	19.91	19.94	CA_2A-4A-7A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	21.22	21.33	CA_2A-4A-12A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B12	10	5095	737.5	20.18	20.27	CA_2A-4A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.17	23.24	CA_2A-4A-12A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B13	10	5230	751	21.28	21.33	CA_2A-4A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B13	10	5230	751	20.19	20.27	CA_2A-4A-13A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.17	23.32	CA_2A-4A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	21.28	21.33	CA_2A-4A-29A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B29	10	9715	722.5	20.15	20.27	CA_2A-4A-29A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	21.18	21.33	CA_2A-12A-30A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	23.18	23.24	CA_2A-12A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	10	5230	751	LTE B66	20	66786	2145	21.16	21.33	CA_2A-13A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.25	23.32	CA_2A-13A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B2	20	900	1960	LTE B13	10	5230	751	20.18	20.31	CA_2A-13A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	21.08	21.33	CA_2A-29A-30A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	20.02	20.16	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B5	10	2525	881.5	20.11	20.19	CA_4A-4A-5A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.18	23.25	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	20.11	20.16	CA_4A-4A-12A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B12	10	5095	737.5	20.08	20.19	CA_4A-4A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.16	23.24	CA_4A-4A-12A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B13	10	5230	751	20.11	20.16	CA_4A-4A-13A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B13	10	5230	751	20.13	20.19	CA_4A-4A-13A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.26	23.32	CA_4A-4A-13A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B30	10	9820	2355	20.12	20.16	CA_4A-4A-30A
LTE B4	20	QPSK	1	0	20300	1745	2300	2145	LTE B4	20	2050	2120	LTE B30	10	9820	2355	20.14	20.19	CA_4A-4A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B7	20	2850	2630	LTE B7	20	3350	2680	20.18	20.27	CA_4A-7A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3350	2680	LTE B4	20	2175	2132.5	19.82	19.86	CA_4A-7A-7A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	2850	2630	LTE B4	20	2175	2132.5	19.89	19.92	CA_4A-7A-7A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	20.17	20.27	CA_4A-5A-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.17	23.25	CA_4A-5A-30A

LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B7	20	3100	2655	LTE B12	10	5095	737.5	20.18	20.27	CA_4A-7A-12A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	19.92	19.94	CA_4A-7A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	23.18	23.24	CA_4A-7A-12A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	20.17	20.27	CA_4A-12A-30A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.14	23.24	CA_4A-12A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	20.19	20.27	CA_4A-29A-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.18	23.25	CA_5A-66C
LTE B66	20	QPSK	1	0	132323	1745.1	66787	2145.1	LTE B66	20	66985	2164.9	LTE B5	10	2525	881.5	19.99	20.05	CA_5A-66C
LTE B66	20	QPSK	1	0	132521	1764.9	66985	2164.9	LTE B66	20	66787	2145.1	LTE B5	10	2525	881.5	19.97	20.03	CA_5A-66C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.18	23.25	CA_5A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67236	2190	LTE B5	10	2525	881.5	20.03	20.10	CA_5A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66786	2145	LTE B30	10	9820	2355	23.15	23.25	CA_5A-30A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	20.27	20.31	CA_5A-30A-66A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B66	20	66786	2145	LTE B30	10	9820	2355	23.16	23.24	CA_12A-30A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	20.22	20.31	CA_12A-30A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.24	23.32	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67236	2190	LTE B13	10	5230	751	20.06	20.10	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	10	67187	2185.1	LTE B66	10	67286	2195	19.99	20.10	CA_66A-66B
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	20.02	20.10	CA_66A-66C
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	20.27	20.31	CA_29A-30A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.19	23.32	CA_13A-66C
LTE B66	20	QPSK	1	0	132323	1745.1	66787	2145.1	LTE B66	20	66985	2164.9	LTE B13	10	5230	751	20.01	20.05	CA_13A-66C
LTE B66	20	QPSK	1	0	132521	1764.9	66985	2164.9	LTE B66	20	66787	2145.1	LTE B13	10	5230	751	19.97	20.03	CA_13A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	21.25	21.33	CA_2A-5A-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	23.18	23.25	CA_2A-5A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	21.27	21.33	CA_2A-5A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.15	23.25	CA_2A-5A-66A
LTE B66	20	QPSK	1	0	132322	1745	66786	2145	LTE B2	20	900	1960	LTE B5	10	2525	881.5	20.22	20.31	CA_2A-5A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	3100	2655	LTE B12	10	5095	737.5	21.19	21.33	CA_2A-7A-12A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B2	20	900	1960	LTE B12	10	5095	737.5	19.89	19.94	CA_2A-7A-12A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	23.17	23.24	CA_2A-7A-12A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	10	66837	2150.1	LTE B66	10	66936	2160	23.18	23.25	CA_5A-66B
LTE B66	10	QPSK	1	25	132373	1750.1	66837	2150.1	LTE B66	10	66936	2160	LTE B5	10	2525	881.5	19.88	20.03	CA_5A-66B
LTE B66	10	QPSK	1	25	132472	1760	66936	2160	LTE B66	10	66837	2150.1	LTE B5	10	2525	881.5	19.94	19.99	CA_5A-66B
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B66	10	66837	2150.1	LTE B66	10	66936	2160	23.18	23.32	CA_13A-66B
LTE B66	10	QPSK	1	25	132373	1750.1	66837	2150.1	LTE B66	10	66936	2160	LTE B13	10	5230	751	19.88	20.03	CA_13A-66B
LTE B66	10	QPSK	1	25	132472	1760	66936	2160	LTE B66	10	66837	2150.1	LTE B13	10	5230	751	19.95	19.99	CA_13A-66B

10. Proximity Sensor

10.1 proximity sensor triggering distances

According the KDB 616217 Section 6.2, The following procedures should be applied to determine proximity sensor triggering distances for the back surface and individual edges of a tablet.

a) The relevant transmitter should be set to operate at its normal maximum output power.

b) The entire back surface or edge of the tablet is positioned below a flat phantom filled with the required tissue-equivalent medium, and positioned at least 20 mm further than the distance that triggers power reduction.

c) It should be ensured that the cables required for power measurements are not interfering with the proximity sensor. Cable losses should be properly compensated to report the measured power results.

d) The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.

e) The back surface or edge is then moved back (further away) from the phantom by at least 5 mm or until maximum output power is returned to the normal maximum level.

f) The back surface or edge is again moved toward the phantom, but in 1 mm steps, until it is at least 5 mm past the triggering point or touching the phantom. If 1 mm resolution is not suitable for the sensor triggering sensitivity, a KDB inquiry should be submitted to determine alternative test configurations.

g) If the tablet is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.

h) The process is then reversed by moving the tablet away from the phantom according to steps d) to g), to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.

i) The measured output power within 5 mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom should be tabulated in the SAR report.

j) If the sensor design and implementation allow additional variations for triggering distance tolerances, multiple samples should be tested to determine the most conservative distance required for SAR evaluation.

k) To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

10.2 Procedures for determining antenna and proximity sensor coverage

Proximity sensors are not normally designed to cover the entire back surface or edges of a tablet. The sensing regions are usually limited to areas near the sensor element. The following are used to determine if additional SAR measurements may be necessary due to sensor and antenna offset.

a) The back surface or edge of the tablet is positioned at a test separation distance less than or equal to the distance required for back surface or edge triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset. For the back surface, if the direction of maximum offset is not aligned with the tablet coordinates (physical edges) the tablet test position would not be aligned with the phantom coordinates (orientations). Each applicable tablet edge should be positioned perpendicularly to the phantom to determine sensor coverage. For antennas and/or sensors located near the corner of a tablet, both adjacent edges must be considered.

b) The similar sequence of steps applied to determine sensor triggering distance in 6.2 are used to verify back surface and edge sensor coverage by moving the tablet (sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the back surface or edge and the phantom.

c) After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the tablet movement should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.

d) The process is then repeated from the opposite direction, starting at the other end of the maximum antenna and sensor offset, by rotating the tablet 180 along the vertical axis.

e) The triggering points should be documented graphically, with the antenna and sensor clearly identified, along with all relevant dimensions.

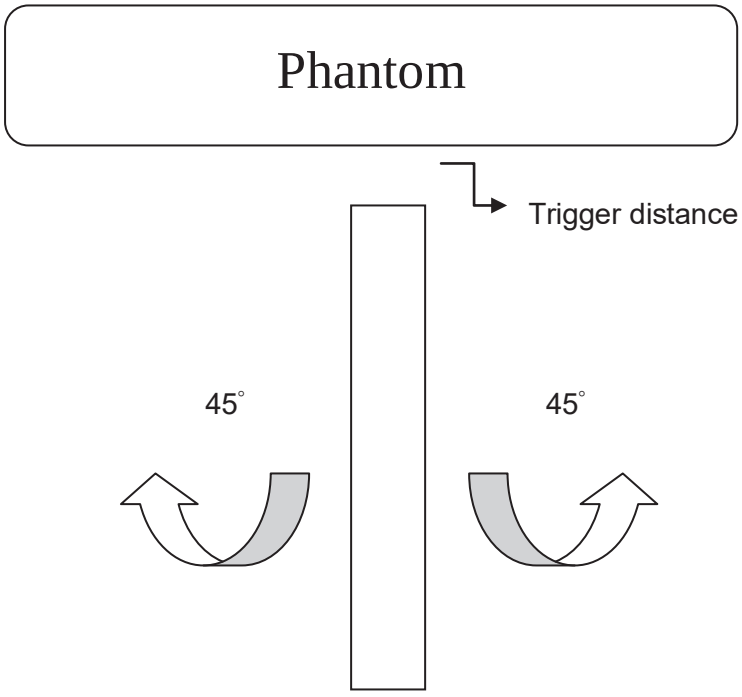
f) If the subsequently measured peak SAR location for the antenna is not between the triggering points, established by the sensor coverage tests from opposite ends of the antenna and sensor, additional SAR tests may be required for conditions where only part of the back surface or edge of a tablet corresponding to the antenna is in proximity to the user and the sensor may not be triggering as desired. A KDB inquiry must be submitted by the test lab to determine if additional tests are required and the proper test configurations to use for testing. This may include situations where the sensor coverage region is too small for the antenna, the sensor is located too far away from the antenna, the sensor location is insufficient to cover multiple antennas or the antenna is at the corner of a tablet etc.

10.3. Procedures for determining tablet tilt angle influences to proximity sensor triggering

a) The influence of table tilt angles to proximity sensor triggering is determined by positioning each tablet edge that contains a transmitting antenna, perpendicular to the flat phantom, at the smallest sensor triggering test distance determined in 9.1 and 9.2 by rotating the tablet around the edge next to the phantom in ≤ 10° increments until the tablet is 45° or more from the vertical position at 0°.

b) If sensor triggering is released and normal maximum output power is restored within the 45° range, the procedures in step a) should be repeated by reducing the tablet to phantom separation distance by 1 mm until the proximity sensor no longer releases triggering, and maximum output power remains in the reduced mode.

c) The smallest separation distance determined in steps a) and b), minus 1 mm, is the sensor triggering distance for tablet tilt coverage. The smallest separation distance determined in 9.1, 9.2 and 9.3 for each triggering condition minus 1 mm should be used in the SAR measurements.

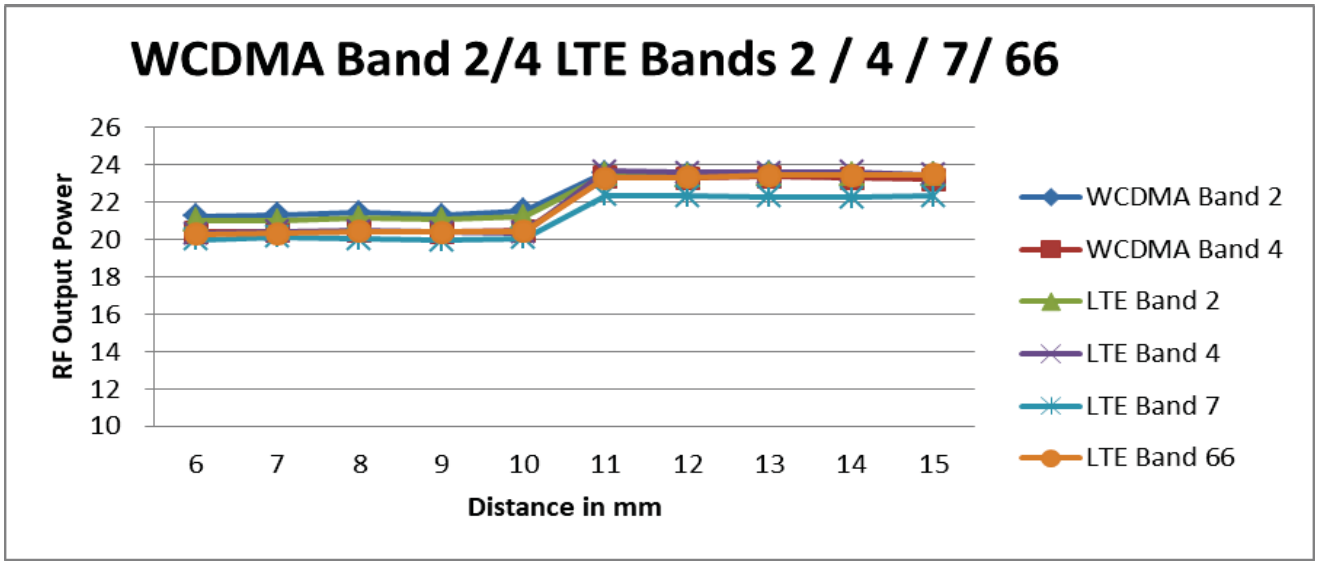


10.4. summary of Trigger Distance

	Top	
	Triggering	Tilt
WWAN	10mm	10mm
WLAN	N/A	N/A

Note : The smallest separation distance determined in each triggering condition minus 1 mm should be used in the SAR measurements.

Distance to DUT vs. Output Power in dBm										
Distance (mm)	6	7	8	9	10	11	12	13	14	15
WCDMA Band 2	21.25	21.33	21.44	21.28	21.53	23.58	23.48	23.53	23.33	23.47
WCDMA Band 4	20.38	20.42	20.44	20.40	20.46	23.31	23.28	23.37	23.29	23.22
LTE Band 2	21.04	20.99	21.14	21.05	21.22	23.48	23.44	23.51	23.49	23.46
LTE Band 4	20.33	20.43	20.48	20.39	20.37	23.66	23.58	23.59	23.61	23.48
LTE Band 7	19.99	20.12	20.02	19.96	20.05	22.34	22.31	22.28	22.26	22.33
LTE Band 66	20.29	20.33	20.42	20.38	20.42	23.28	23.33	23.45	23.44	23.48



11. Test Results

11.1 SAR Test Results Summary

SAR MEASUREMENT

Liquid Temperature (°C) : 21.9 ±2 | Relative Humidity (%): 52

Ambient Temperature (°C) : 23.1 ±2 | Depth of Liquid (cm):>15

Test Position Body	Antenna Position	Dist (mm)	Frequency		Conducted Power (dBm)		**SAR** 1g (W/kg)		Limit (W/kg)
			Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Scaled	
Test Mode: 802.11b - Main Antenna									
Back	Fixed	0	6	2437	17.29	17.5	0.183	0.192	1.6
Bottom	Fixed	0	1	2412	17.04	17.5	0.208	0.231	1.6
Bottom	Fixed	0	6	2437	17.29	17.5	0.236	0.248	1.6
Bottom	Fixed	0	11	2462	17.27	17.5	0.222	0.234	1.6
Test Mode: 802.11b - Aux Antenna									
Back	Fixed	0	1	2412	17.16	17.5	0.326	0.353	1.6
Back	Fixed	0	6	2437	17.33	17.5	0.299	0.311	1.6
Back	Fixed	0	11	2462	17.22	17.5	0.345	**0.368**	1.6
Top	Fixed	0	6	2437	17.33	17.5	0.068	0.071	1.6
Left-Side	Fixed	0	6	2437	17.33	17.5	0.025	0.026	1.6
Test Mode: BT-1M - Aux Antenna									
Back	Fixed	0	0	2402	9.92	10.5	0.048	0.049	1.6

Note : 1. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required.

2. When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.

SAR MEASUREMENT

Liquid Temperature (°C) : 22.4 ±2 Relative Humidity (%): 50

Ambient Temperature (°C) : 23.8 ±2 Depth of Liquid (cm):>15

Test Position Body	Antenna Position	Dist (mm)	Frequency		Conducted Power (dBm)		**SAR** 1g (W/kg)		Limit (W/kg)
			Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Scaled	
Test Mode: 802.11n40M – Main Antenna									
Bottom	Fixed	0	38	5190	15.78	16	0.472	0.497	1.6
Bottom	Fixed	0	46	5230	15.84	16	0.463	0.480	1.6
Bottom	Fixed	0	54	5270	15.93	16	0.467	0.475	1.6
Back	Fixed	0	46	5230	15.84	16	0.084	0.087	1.6
Back	Fixed	0	54	5270	15.93	16	0.089	0.090	1.6
Test Mode: 802.11ac80M – Main Antenna									
Bottom	Fixed	0	122	5610	15.87	16	0.221	0.228	1.6
Bottom	Fixed	0	138	5690	15.85	16	0.212	0.219	1.6
Bottom	Fixed	0	155	5775	15.78	16	0.244	0.257	1.6
Back	Fixed	0	122	5610	15.87	16	0.055	0.057	1.6
Back	Fixed	0	155	5775	15.78	16	0.041	0.043	1.6
Test Mode: 802.11n40M – Aux Antenna									
Top	Fixed	0	46	5230	15.74	16	0.173	0.184	1.6
Top	Fixed	0	54	5270	15.92	16	0.197	0.201	1.6
Back	Fixed	0	38	5230	15.72	16	0.250	0.267	1.6
Back	Fixed	0	46	5230	15.74	16	0.271	0.288	1.6
Back	Fixed	0	54	5270	15.92	16	0.298	0.304	1.6
Left-Side	Fixed	0	46	5230	15.74	16	0.056	0.059	1.6
Left-Side	Fixed	0	54	5270	15.92	16	0.042	0.043	1.6
Test Mode: 802.11ac80M – Aux Antenna									
Top	Fixed	0	122	5610	15.76	16	0.240	0.254	1.6
Top	Fixed	0	155	5775	15.68	16	0.319	0.343	1.6
Back	Fixed	0	122	5610	15.76	16	0.454	0.480	1.6
Back	Fixed	0	138	5690	15.75	16	0.585	0.620	1.6
Back	Fixed	0	155	5775	15.68	16	0.610	**0.657**	1.6
Left-Side	Fixed	0	122	5610	15.76	16	0.045	0.048	1.6
Left-Side	Fixed	0	155	5775	15.68	16	0.054	0.058	1.6

Note : 1. When multiple transmission modes (802.11 n) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected

2. When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in that exposure configuration.

SAR MEASUREMENT

Liquid Temperature (°C): 22.4 ±2	Relative Humidity (%): 51
Ambient Temperature (°C): 23.6 ±2	Depth of Liquid (cm): >15

Test Mode: WCDMA RMC Band 2

Test Position Body	Pwr On-Off	Dist (mm)	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
			Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Scaled	
Back	OFF	0	9262	1852.4	23.25	24	0.915	**1.087**	1.6
Back	OFF	0	9400	1880	23.60	24	0.909	0.997	1.6
Back	OFF	0	9538	1907.6	23.73	24	0.896	0.953	1.6
Right-Side	OFF	0	9400	1880	23.60	24	0.076	0.083	1.6
Top	OFF	10	9400	1880	23.60	24	0.640	0.702	1.6
Top	ON	0	9400	1880	21.57	22	0.652	0.720	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 22.3 ±2	Relative Humidity (%): 52
Ambient Temperature (°C): 23.4 ±2	Depth of Liquid (cm): >15

Test Mode: WCDMA RMC Band 4

Test Position Body	Pwr On-Off	Dist (mm)	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
			Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Scaled	
Back	OFF	0	1312	1712.4	23.42	24	0.934	1.067	1.6
Back	OFF	0	1413	1732.6	23.34	24	0.943	**1.098**	1.6
Back	OFF	0	1513	1752.6	23.39	24	0.942	1.084	1.6
Right-Side	OFF	0	1413	1732.6	23.34	24	0.152	0.177	1.6
Top	OFF	10	1413	1732.6	23.34	24	0.682	0.794	1.6
Top	ON	0	1413	1732.6	20.51	21	0.629	0.704	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 22.6 ±2	Relative Humidity (%): 53
Ambient Temperature (°C): 23.8 ±2	Depth of Liquid (cm): >15

Test Mode: WCDMA RMC Band 5

Test Position Body	Pwr On-Off	Dist (mm)	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
			Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Scaled	
Back	OFF	0	4183	836.6	23.68	24	0.568	0.611	1.6
Top	OFF	0	4132	826.4	23.69	24	0.632	0.679	1.6
Top	OFF	0	4183	836.6	23.68	24	0.756	0.814	1.6
Top	OFF	0	4233	846.6	23.56	24	0.830	**0.918**	1.6
Bottom	OFF	0	4183	836.6	23.68	24	0.030	0.032	1.6
Left-Side	OFF	0	4183	836.6	23.68	24	0.019	0.020	1.6
Right-Side	OFF	0	4183	836.6	23.68	24	0.070	0.075	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 22.4 ±2	Relative Humidity (%): 51
Ambient Temperature (°C): 23.6 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 2-QPSK(20M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	18700	1860	23.50	24	0.889	0.997	1.6
Back	OFF	0	1	0	18900	1880	23.54	24	0.892	0.992	1.6
Back	OFF	0	1	0	19100	1900	23.85	24	0.964	**0.998**	1.6
Back	OFF	0	50	0	18900	1880	22.48	23	0.706	0.796	1.6
Right-Side	OFF	0	1	0	18900	1880	23.54	24	0.072	0.080	1.6
Top	OFF	10	1	0	18900	1880	23.54	24	0.584	0.649	1.6
Top	ON	0	1	0	18900	1880	21.33	22	0.682	0.796	1.6
Top	ON	0	50	0	18900	1880	21.24	22	0.659	0.785	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 22.3 ±2	Relative Humidity (%): 50
Ambient Temperature (°C): 23.4 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 4-QPSK(20M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	20050	1720	23.77	24	0.926	0.976	1.6
Back	OFF	0	1	0	20175	1732.5	23.84	24	0.962	**0.998**	1.6
Back	OFF	0	1	0	20300	1745	23.85	24	0.957	0.991	1.6
Back	OFF	0	50	0	20175	1732.5	22.82	23	0.764	0.796	1.6
Right-Side	OFF	0	1	0	20175	1732.5	23.84	24	0.164	0.170	1.6
Top	OFF	10	1	0	20175	1732.5	23.84	24	0.687	0.713	1.6
Top	ON	0	1	0	20175	1732.5	20.27	21	0.663	0.784	1.6
Top	ON	0	50	0	20175	1732.5	20.23	21	0.666	0.795	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 22.6 ±2	Relative Humidity (%): 53
Ambient Temperature (°C): 23.8 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 5-QPSK(10M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	20525	836.5	23.25	24	0.479	0.569	1.6
Top	OFF	0	1	25	20450	829	23.18	24	0.565	0.682	1.6
Top	OFF	0	1	0	20525	836.5	23.25	24	0.681	0.809	1.6
Top	OFF	0	1	0	20600	844	23.24	24	0.752	**0.896**	1.6
Top	OFF	0	25	0	20525	836.5	22.30	23	0.553	0.650	1.6
Right-Side	OFF	0	1	0	20525	836.5	23.25	24	0.075	0.089	1.6
Left-Side	OFF	0	1	0	20525	836.5	23.25	24	0.027	0.032	1.6
Bottom	OFF	0	1	0	20525	836.5	23.25	24	0.083	0.099	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 21.9 ±2	Relative Humidity (%): 52
Ambient Temperature (°C): 23.0 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 7-QPSK(20M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	21100	2535	22.34	23.8	0.383	0.536	1.6
Right-Side	OFF	0	1	0	21100	2535	22.34	23.8	0.016	0.022	1.6
Top	OFF	10	1	0	21100	2535	22.34	23.8	0.544	0.761	1.6
Top	OFF	10	50	0	21100	2535	21.36	22.8	0.429	0.598	1.6
Top	ON	0	1	0	20850	2510	19.86	21	0.588	0.764	1.6
Top	ON	0	1	0	21100	2535	19.94	21	0.661	0.844	1.6
Top	ON	0	1	0	21350	2560	19.92	21	0.623	0.799	1.6
Top	ON	0	50	0	21100	2535	19.94	21	0.652	0.832	1.6
Top	ON	0	100	0	21100	2535	19.99	21	0.608	0.767	1.6
Test Mode: LTE Band 7-QPSK(20M) 2UPCA											
Top	OFF	10	1	99	21350	2560	22.26	23.8	0.511	0.728	1.6
Top	ON	0	1	99	21350	2560	19.96	21	0.598	0.760	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT

Liquid Temperature (°C): 22.4 ±2	Relative Humidity (%): 51
Ambient Temperature (°C): 23.7 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 12-QPSK(10M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	25	23060	704	23.26	24	0.573	0.679	1.6
Back	OFF	0	1	0	23095	707.5	23.24	24	0.601	**0.716**	1.6
Back	OFF	0	1	0	23130	711	23.22	24	0.583	0.698	1.6
Back	OFF	0	25	0	23095	707.5	22.34	23	0.460	0.535	1.6
Top	OFF	0	1	0	23095	707.5	23.24	24	0.444	0.529	1.6
Right-Side	OFF	0	1	0	23095	707.5	23.24	24	0.128	0.152	1.6
Left-Side	OFF	0	1	0	23095	707.5	23.24	24	0.044	0.052	1.6
Bottom	OFF	0	1	0	23095	707.5	23.24	24	0.078	0.093	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT											
Liquid Temperature (°C): 22.4 ±2							Relative Humidity (%): 51				
Ambient Temperature (°C): 23.7 ±2							Depth of Liquid (cm): >15				
Test Mode: LTE Band 13-QPSK(10M)											
Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	23230	782	23.32	24	0.293	0.343	1.6
Top	OFF	0	1	0	23230	782	23.32	24	0.311	**0.364**	1.6
Top	OFF	0	25	25	23230	782	22.37	23	0.275	0.318	1.6
Right-Side	OFF	0	1	0	23230	782	23.32	24	0.041	0.048	1.6
Left-Side	OFF	0	1	0	23230	782	23.32	24	0.012	0.014	1.6
Bottom	OFF	0	1	0	23230	782	23.32	24	0.029	0.034	1.6
Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel. (2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.											

SAR MEASUREMENT	
Liquid Temperature (°C): 22.4 ±2	Relative Humidity (%): 51
Ambient Temperature (°C): 23.7 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 14-QPSK(10M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	23330	793	23.29	24	0.343	0.404	1.6
Top	OFF	0	1	0	23330	793	23.29	24	0.446	**0.525**	1.6
Top	OFF	0	25	0	23330	793	22.31	23	0.364	0.427	1.6
Right-Side	OFF	0	1	0	23330	793	23.29	24	0.052	0.061	1.6
Left-Side	OFF	0	1	0	23330	793	23.29	24	0.016	0.019	1.6
Bottom	OFF	0	1	0	23330	793	23.29	24	0.040	0.047	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT											
Liquid Temperature (°C): 22.6 ±2							Relative Humidity (%): 53				
Ambient Temperature (°C): 23.8 ±2							Depth of Liquid (cm): >15				
Test Mode: LTE Band 26-QPSK(15M)											
Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	26865	831.5	23.25	24	0.488	0.580	1.6
Top	OFF	0	1	36	26765	821.5	23.32	24	0.549	0.642	1.6
Top	OFF	0	1	0	26865	831.5	23.25	24	0.643	0.764	1.6
Top	OFF	0	1	0	26965	841.5	23.29	24	0.699	**0.823**	1.6
Top	OFF	0	36	0	26865	831.5	22.33	23	0.522	0.609	1.6
Right-Side	OFF	0	1	0	26865	831.5	23.25	24	0.064	0.076	1.6
Left-Side	OFF	0	1	0	26865	831.5	23.25	24	0.020	0.024	1.6
Bottom	OFF	0	1	0	26865	831.5	23.25	24	0.064	0.076	1.6
Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel. (2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.											

SAR MEASUREMENT											
Liquid Temperature (°C): 21.9 ±2							Relative Humidity (%): 52				
Ambient Temperature (°C): 23.0 ±2							Depth of Liquid (cm): >15				
Test Mode: LTE Band 41-QPSK(20M)											
Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	40620	2593	22.47	23.8	0.174	0.236	1.6
Top	OFF	0	1	0	39750	2506	22.02	23.8	0.469	0.707	1.6
Top	OFF	0	1	0	40620	2593	22.47	23.8	0.509	0.691	1.6
Top	OFF	0	1	0	41490	2680	22.34	23.8	0.610	**0.854**	1.6
Top	OFF	0	50	50	40620	2593	21.28	22.8	0.374	0.531	1.6
Right-Side	OFF	0	1	0	40620	2593	22.47	23.8	0.070	0.095	1.6
Test Mode: LTE Band 41-QPSK(20M) 2UPCA											
Top	OFF	0	1	0	39750	2506	22.19	23.8	0.470	0.681	1.6
Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel. (2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.											

SAR MEASUREMENT	
Liquid Temperature (°C): 22.4 ±2	Relative Humidity (%): 50
Ambient Temperature (°C): 23.6 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 48-QPSK(20M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	55990	3625	22.98	23	0.145	0.146	1.6
Top	OFF	0	1	0	55340	3560	22.98	23	0.312	**0.313**	1.6
Top	OFF	0	1	0	55990	3625	22.98	23	0.281	0.282	1.6
Top	OFF	0	1	0	56640	3690	22.98	23	0.276	0.277	1.6
Top	OFF	0	50	0	55990	3625	19.81	22	0.149	0.247	1.6
Right-Side	OFF	0	1	0	55990	3625	22.98	23	0.116	0.117	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

SAR MEASUREMENT	
Liquid Temperature (°C): 22.3 ±2	Relative Humidity (%): 50
Ambient Temperature (°C): 23.4 ±2	Depth of Liquid (cm): >15

Test Mode: LTE Band 66-QPSK(20M)

Test Position Body	Pwr On-Off	Dist (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR 1g (W/Kg)		Limit (W/kg)
					Channel	MHz	Measurement	Tune-up Limit	Measurement	Tune-up Limit	
Back	OFF	0	1	0	132072	1720	23.52	24	0.887	0.991	1.6
Back	OFF	0	1	0	132322	1745	23.65	24	0.919	**0.996**	1.6
Back	OFF	0	1	49	132572	1770	23.59	24	0.906	0.996	1.6
Back	OFF	0	50	0	132322	1745	22.60	23	0.727	0.797	1.6
Right-Side	OFF	0	1	0	132322	1745	23.65	24	0.146	0.158	1.6
Top	OFF	10	1	0	132322	1745	23.65	24	0.730	0.791	1.6
Top	ON	0	1	0	132322	1745	20.31	21	0.679	0.796	1.6
Top	ON	0	50	0	132322	1745	20.27	21	0.673	0.796	1.6

Note: (1) When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

(2) We have already evaluated Right side in sensor “off” on 0mm , so don’t need evaluated Right side in sensor “on” on 0mm.

11.2 Simultaneous Transmission

Simultaneous Transmission Configurations	
1	WLAN 2.4GHz Main + WLAN 2.4GHz Aux + WWAN
2	WLAN 2.4GHz Main + BT Aux + WWAN
3	WLAN 5GHz Main + BT Aux + WWAN
4	WLAN 5GHz Main + WLAN 5GHz Aux + WWAN

Worst Case SAR

WWAN Band	Top	Back	Bottom	Left-Side	Right-Side
WCDMA B2	0.720	1.087	N/A	N/A	0.083
WCDMA B4	0.794	**1.098**	N/A	N/A	**0.177**
WCDMA B5	**0.918**	0.611	0.032	0.020	0.075
LTE B2	0.796	0.998	N/A	N/A	0.080
LTE B4	0.795	0.998	N/A	N/A	0.170
LTE B5	0.896	0.569	**0.099**	0.032	0.089
LTE B7	0.844	0.536	N/A	N/A	0.022
LTE B12	0.529	0.716	0.093	**0.052**	0.152
LTE B13	0.364	0.343	0.034	0.014	0.048
LTE B14	0.525	0.404	0.047	0.019	0.061
LTE B26	0.823	0.580	0.076	0.024	0.076
LTE B41	0.854	0.236	N/A	N/A	0.095
LTE B48	0.282	0.146	N/A	N/A	0.117
LTE B66	0.796	0.996	N/A	N/A	0.158
WLAN Band	Top	Back	Bottom	Left-Side	Right-Side
2.4G Main	N/A	**0.192**	**0.248**	N/A	N/A
2.4G Aux	**0.071**	**0.368**	N/A	**0.026**	N/A
5G Main	N/A	**0.090**	**0.497**	N/A	N/A
5G Aux	**0.343**	**0.657**	N/A	**0.059**	N/A
BT	**0.055**	**0.055**	N/A	N/A	N/A

Note : The sum of value is less than 1.6W/Kg or the ratio is determined by $(SAR1 + SAR2)^{1.5}/Ri$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for SAR test exclusion.

Simultaneous Transmission Summation Scenario

Test Position (Body)	Worst Case WWAN Band	(1) WWAN (W/Kg) Main	(2) DTS (W/Kg) Main	(3) DTS (W/Kg) Aux	(4) BT (W/Kg)	(1)+(2)	(1)+(3)	(1)+(2)+(3)	(1)+(2)+(4)
						Σ 1-g SAR	**Σ 1-g SAR**	**Σ 1-g SAR**	**Σ 1-g SAR**
Top	WCDMA B5	0.918	N/A	0.071	0.055	0.918	0.989	0.989	0.973
Back	WCDMA B4	1.098	0.192	0.368	0.055	1.290	1.466	**1.658**	1.345
Bottom	LTE B5	0.099	0.248	N/A	N/A	0.347	0.099	0.347	0.347
Left-Side	LTE B12	0.052	N/A	0.026	N/A	0.052	0.078	0.078	0.052
Right-Side	WCDMA B4	0.177	N/A	N/A	N/A	0.177	0.177	0.177	0.177

Note: The sum of value is less than 1.6W/Kg, thus simultaneous SAR testing is not need.

Test Position (Body)	Worst Case WWAN Band	(1) WWAN (W/Kg) Main	(2) UNII (W/Kg) Main	(3) UNII (W/Kg) Aux	(4) BT (W/Kg)	(1)+(2)	(1)+(3)	(1)+(2)+(3)	(1)+(2)+(4)
						Σ 1-g SAR	**Σ 1-g SAR**	**Σ 1-g SAR**	**Σ 1-g SAR**
Top	WCDMA B5	0.918	N/A	0.343	0.055	0.918	1.261	1.261	0.973
Back	WCDMA B4	1.098	0.090	0.657	0.055	1.188	**1.755**	**1.845**	1.243
Bottom	LTE B5	0.099	0.497	N/A	N/A	0.596	0.099	0.596	0.596
Left-Side	LTE B12	0.052	N/A	0.059	N/A	0.052	0.111	0.111	0.052
Right-Side	WCDMA B4	0.177	N/A	N/A	N/A	0.177	0.177	0.177	0.177

Note: The sum of value is less than 1.6W/Kg, thus simultaneous SAR testing is not need.

Antenna	WWAN Main To WLAN Main	WWAN Main To WLAN Aux	WLAN Main To WLAN Aux
Antenna pair in mm	220 mm	130 mm	160 mm

Configurations	Simultaneous Transmission (W/Kg)	Antenna pair in mm	Peak location separation ratio
(1)+(2)+(3)	1.658	130 mm	0.016
(1)+(3)	1.755	130 mm	0.018
(1)+(2)+(3)	1.845	130 mm	0.019

Note : The sum of value is less than 1.6W/Kg or the ratio is determined by $(SAR1 + SAR2)^{1.5}/Ri$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for SAR test exclusion.

12. SAR measurement variability

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Frequency				**SAR** 1g (W/kg)						
Mode	Band	Channel	MHz	Original	First Repeated		Second Repeated		Third Repeated	
					Value	Ratio	Value	Ratio	Value	Ratio
WLAN	2.4G	11	2462	0.345	N/A	N/A	N/A	N/A	N/A	N/A
WLAN	5G	155	5775	0.610	N/A	N/A	N/A	N/A	N/A	N/A
BT	2.4G	00	2402	0.048	N/A	N/A	N/A	N/A	N/A	N/A
WCDMA	B2	9262	1852.4	0.915	0.909	1.007	N/A	N/A	N/A	N/A
WCDMA	B4	1413	1732.6	0.943	0.939	1.004	N/A	N/A	N/A	N/A
WCDMA	B5	4233	846.6	0.830	0.829	1.001	N/A	N/A	N/A	N/A
LTE	B2	19100	1900	0.964	0.954	1.010	N/A	N/A	N/A	N/A
LTE	B4	20175	1732.5	0.962	0.958	1.004	N/A	N/A	N/A	N/A
LTE	B5	20600	844	0.752	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B7	21100	2535	0.661	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B12	23095	707.5	0.601	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B13	23230	782	0.311	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B14	23330	793	0.446	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B26	26965	841.5	0.699	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B41	41490	2680	0.610	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B48	55340	3560	0.312	N/A	N/A	N/A	N/A	N/A	N/A
LTE	B66	132322	1745	0.919	0.908	1.012	N/A	N/A	N/A	N/A

Appendix

Appendix A. SAR System Check Data

Appendix B. SAR measurement Data

Appendix C. Test Setup Photographs & EUT Photographs

Appendix D. Probe Calibration Data

Appendix E. Dipole Calibration Data

Appendix A. SAR System Check Data

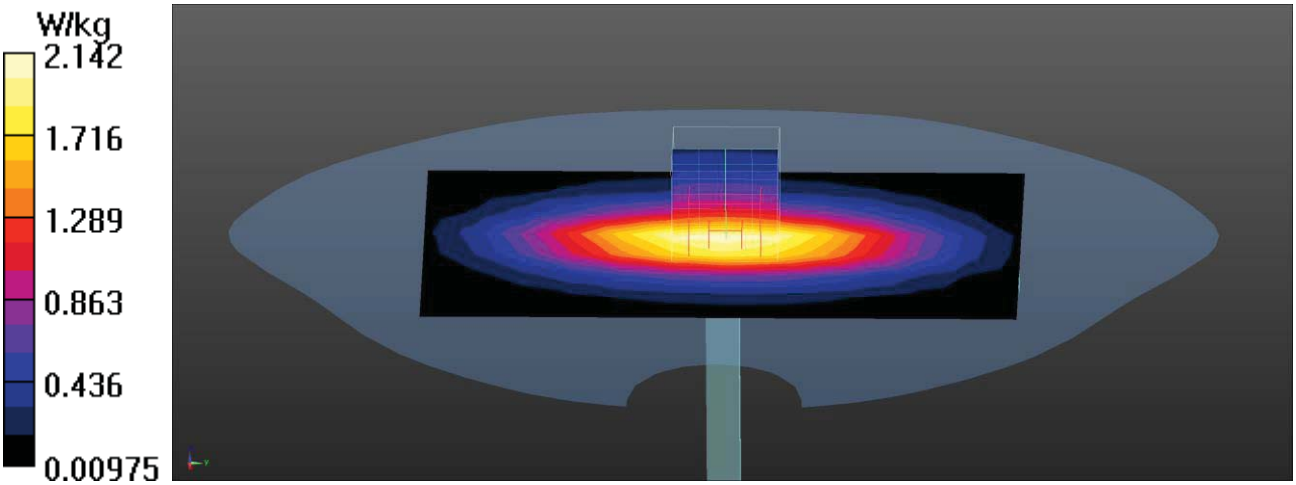
Test Laboratory: DEKRA Date/Time: 2020/04/11

System Performance Check_750MHz-Head
DUT: Dipole 750 MHz; Type: D750V3
Communication System: UID 0, CW; Frequency: 750 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 750 MHz; σ = 0.88 S/m; ε_r = 42.46; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/750MHz Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.14 W/kg

Configuration/750MHz Head/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 51.04 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.36 W/kg
Maximum value of SAR (measured) = 2.21 W/kg



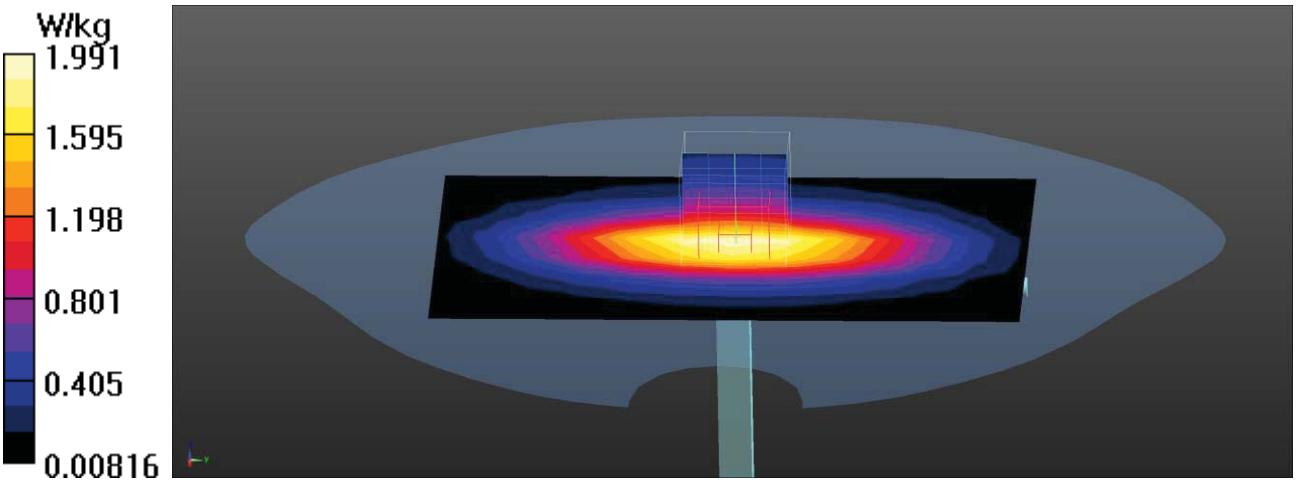
Test Laboratory: DEKRA Date/Time: 2020/04/15

System Performance Check_750MHz-Head
DUT: Dipole 750 MHz; Type: D750V3
Communication System: UID 0, CW; Frequency: 750 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 750 MHz; σ = 0.88 S/m; ε_r = 42.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/750MHz Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.99 W/kg

Configuration/750MHz Head/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 49.43 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.32 W/kg
Maximum value of SAR (measured) = 2.11 W/kg



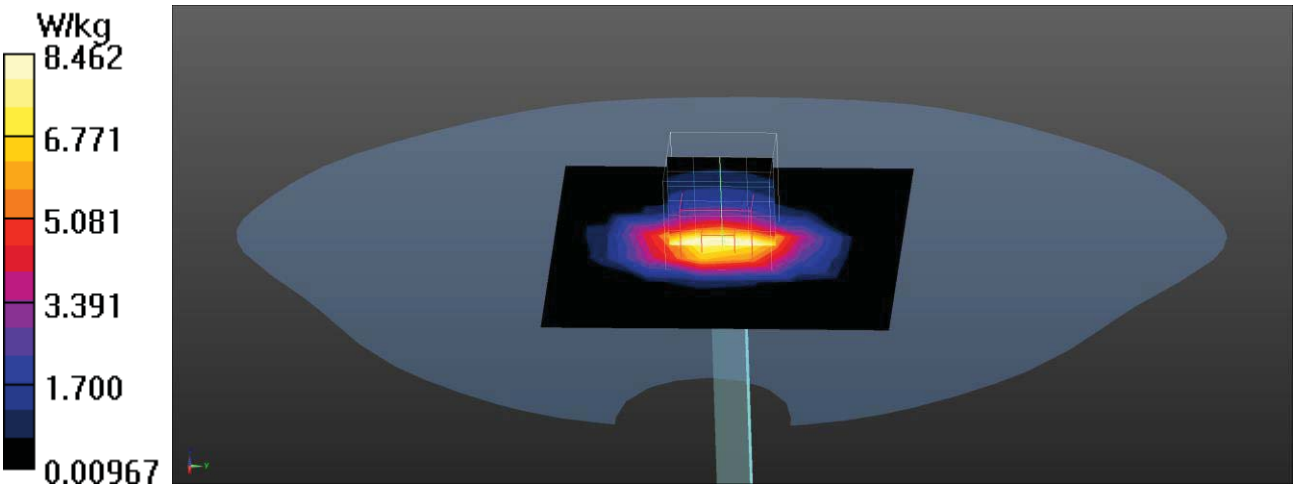
Test Laboratory: DEKRA Date/Time: 2020/04/18

System Performance Check_1750MHz-Head
DUT: Dipole 1750 MHz; Type: D1750V2
Communication System: UID 0, CW; Frequency: 1750 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1750 MHz; σ = 1.38 S/m; ε_r = 40.62; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/1750MHz Head/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.46 W/kg

Configuration/1750MHz Head/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 86.60 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 9.45 W/kg; SAR(10 g) = 4.92 W/kg
Maximum value of SAR (measured) = 10.6 W/kg



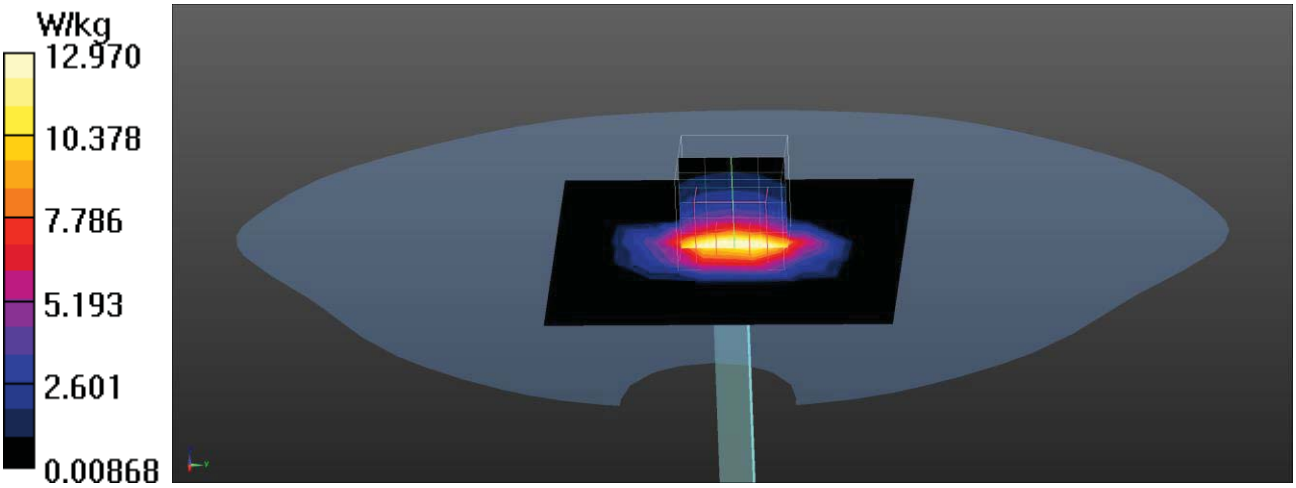
Test Laboratory: DEKRA Date/Time: 2020/04/17

System Performance Check_1950MHz-Head
DUT: Dipole 1950 MHz; Type: D1950V3
Communication System: UID 0, CW (0); Frequency: 1950 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1950 MHz; σ = 1.42 S/m; ε_r = 40.36; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/1950MHz Head/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.0 W/kg

Configuration/1950MHz Head/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 107.1 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.23 W/kg
Maximum value of SAR (measured) = 16.7 W/kg



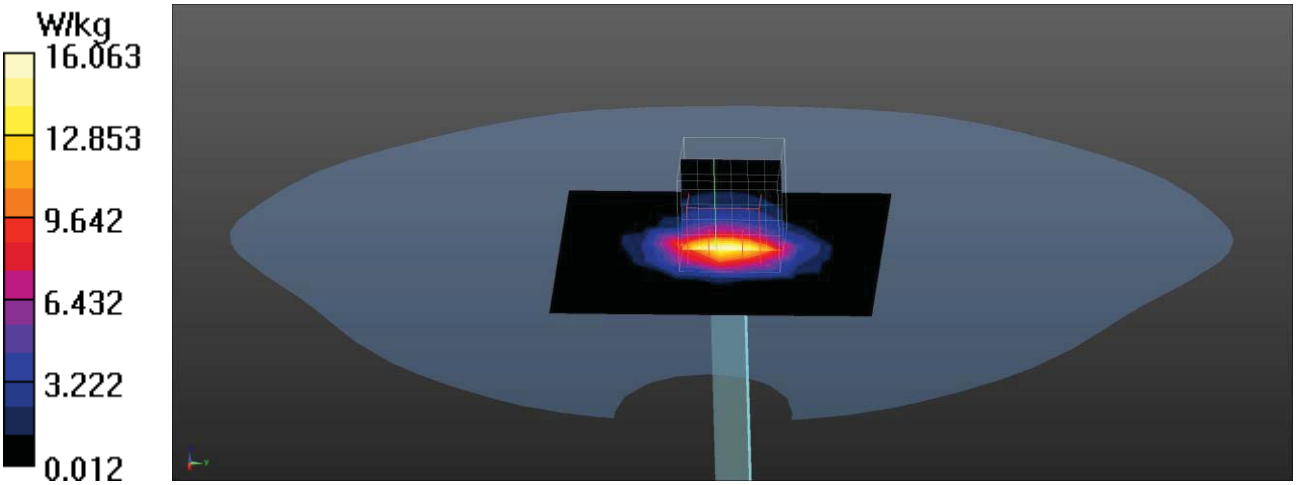
Test Laboratory: DEKRA Date/Time: 2020/04/22

System Performance Check_2450MHz-Head
DUT: Dipole 2450 MHz; Type: D2450V2
Communication System: UID 10000, CW; Frequency: 2450 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2450 MHz; σ = 1.83 S/m; ε_r = 40.06; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/2450MHz_Head/Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 16.1 W/kg

Configuration/2450MHz_Head/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.70 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 26.4 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.91 W/kg
Maximum value of SAR (measured) = 17.2 W/kg



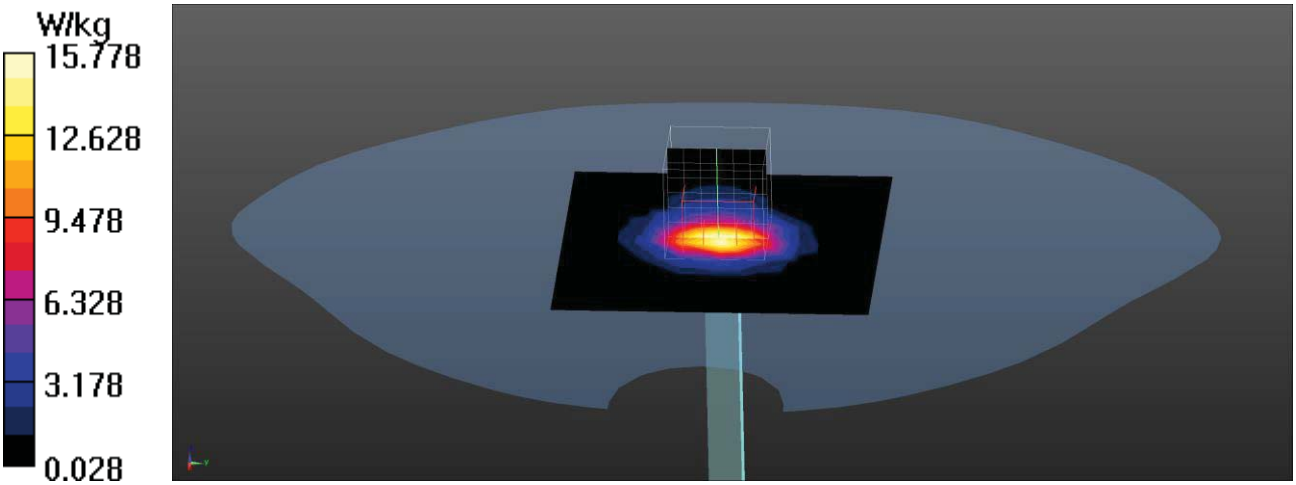
Test Laboratory: DEKRA Date/Time: 2020/04/21

System Performance Check_2600MHz-Head
DUT: Dipole_2600MHz; Type: D2600V2
Communication System: UID 0, CW; Frequency: 2600 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2600 MHz; σ = 1.95 S/m; ε_r = 39.28; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/2600MHz Body/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 15.8 W/kg

Configuration/2600MHz Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.22 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 32.7 W/kg
SAR(1 g) = 15.1 W/kg; SAR(10 g) = 6.63 W/kg
Maximum value of SAR (measured) = 17.1 W/kg



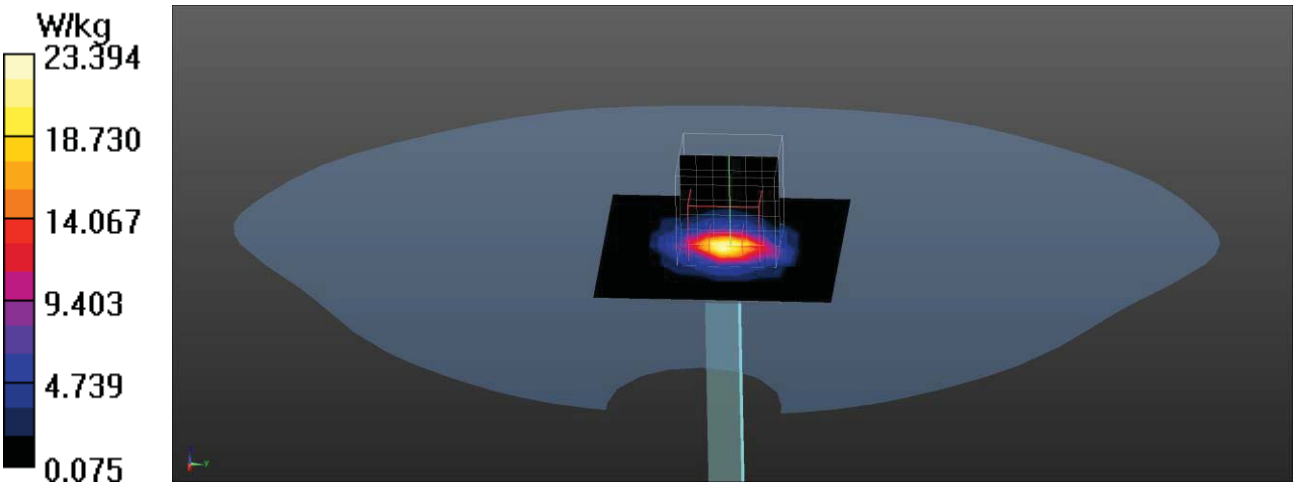
Test Laboratory: DEKRA Date/Time: 2020/04/20

System Performance Check_3500MHz-Head
DUT: Dipole 3500MHz; Type: D3500V2
Communication System: UID 0, CW; Frequency: 3500 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 3500 MHz; σ = 2.87 S/m; ε_r = 38.14; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.38, 6.38, 6.38); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/3500MHz-Body/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 23.4 W/kg

Configuration/3500MHz-Body/Zoom Scan (7x7x7mm) (7x7x8)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 90.66 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 49.3 W/kg
SAR(1 g) = 16.9 W/kg; SAR(10 g) = 6.12 W/kg
Maximum value of SAR (measured) = 24.1 W/kg



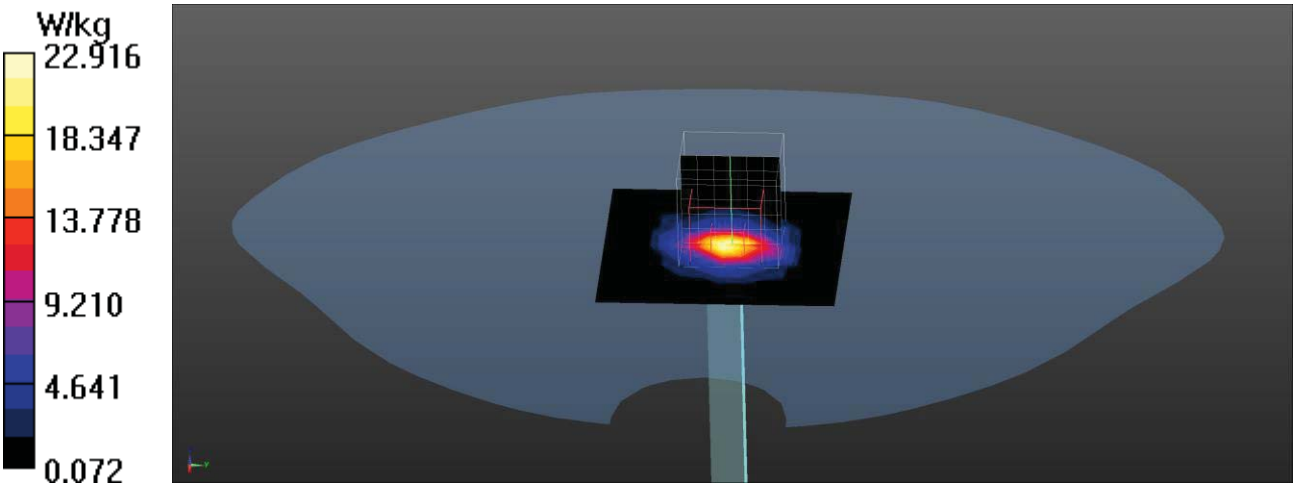
Test Laboratory: DEKRA Date/Time: 2020/04/20

System Performance Check_3700MHz-Head
DUT: Dipole 3700MHz; Type: D3700V2
Communication System: UID 0, CW; Frequency: 3700 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 3700 MHz; σ = 3.08 S/m; ε_r = 37.18; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.22, 6.22, 6.22); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/3500MHz-Body/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 22.9 W/kg

Configuration/3500MHz-Body/Zoom Scan (7x7x7mm) (7x7x8)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 89.85 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 51.3 W/kg
SAR(1 g) = 17 W/kg; SAR(10 g) = 6.15 W/kg
Maximum value of SAR (measured) = 23.8 W/kg



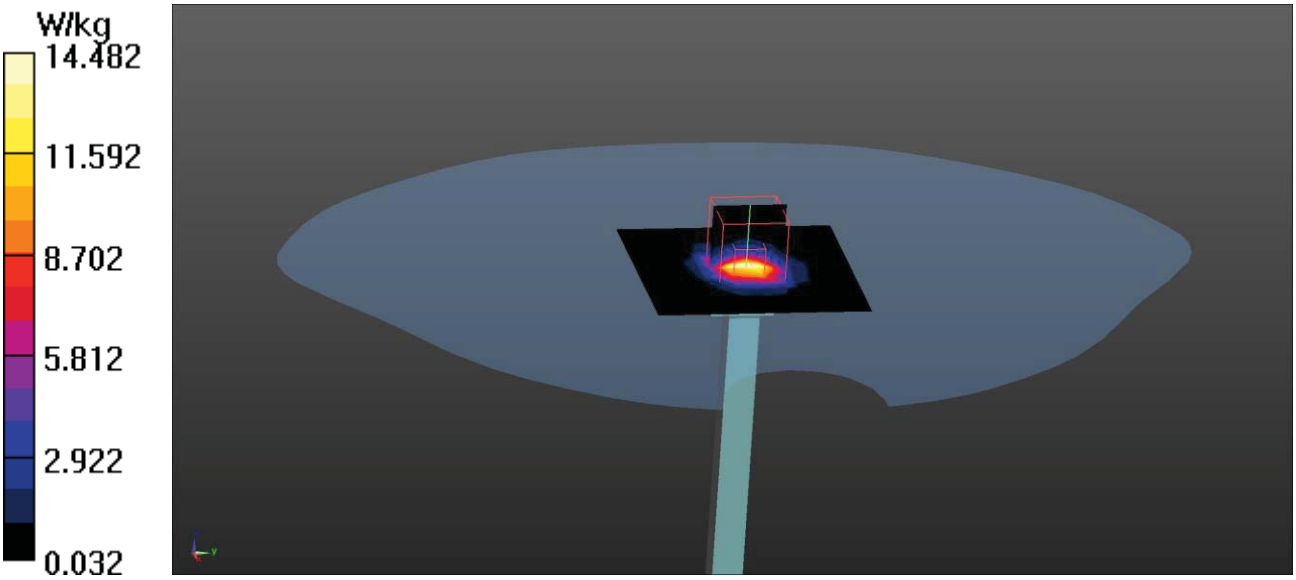
Test Laboratory: DEKRA Date/Time: 2020/04/13

System Performance Check_5200MHz-Head
DUT: Dipole 5GHz; Type: D5GHzV2
Communication System: UID 0, CW; Frequency: 5200 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5200 MHz; σ = 4.79 S/m; ε_r = 36.52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/5200MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.5 W/kg

Configuration/5200MHz-Head/Zoom Scan (7x7x12), dist=1.4mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 71.82 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.35 W/kg
Maximum value of SAR (measured) = 20.4 W/kg



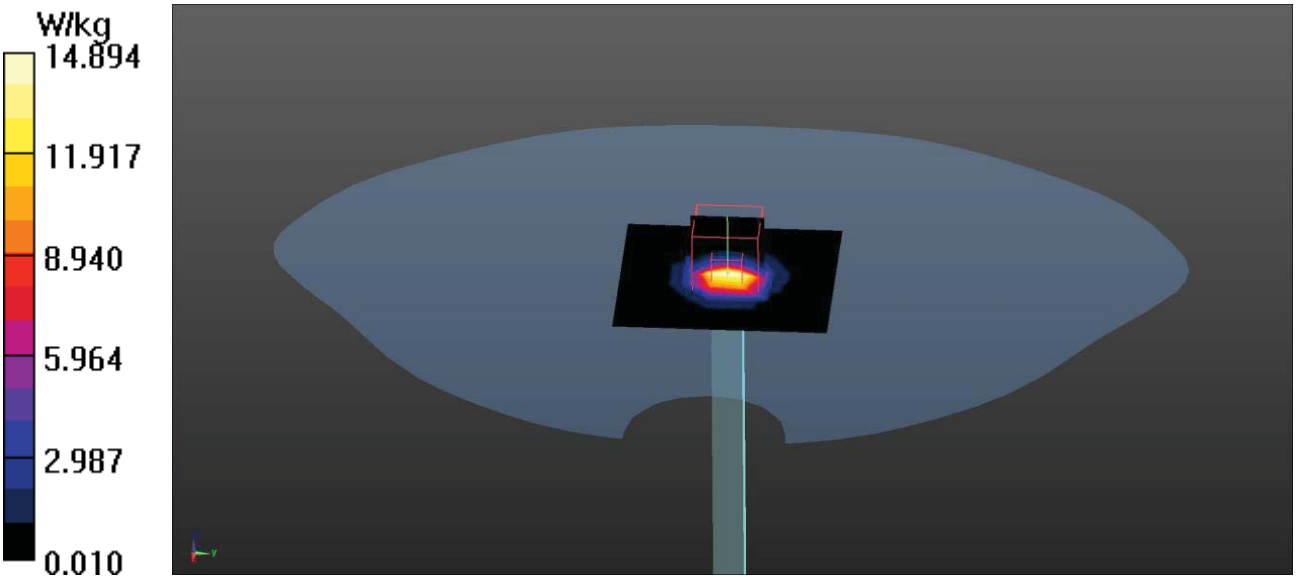
Test Laboratory: DEKRA Date/Time: 2020/04/13

System Performance Check_5300MHz-Head
DUT: Dipole 5GHz; Type: D5GHzV2
Communication System: UID 0, CW; Frequency: 5300 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5300 MHz; σ = 4.9 S/m; ε_r = 35.62; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/5300MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.9 W/kg

Configuration/5300MHz-Head/Zoom Scan (7x7x12), dist=1.4mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 76.31 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 8.87 W/kg; SAR(10 g) = 2.47 W/kg
Maximum value of SAR (measured) = 23.2 W/kg



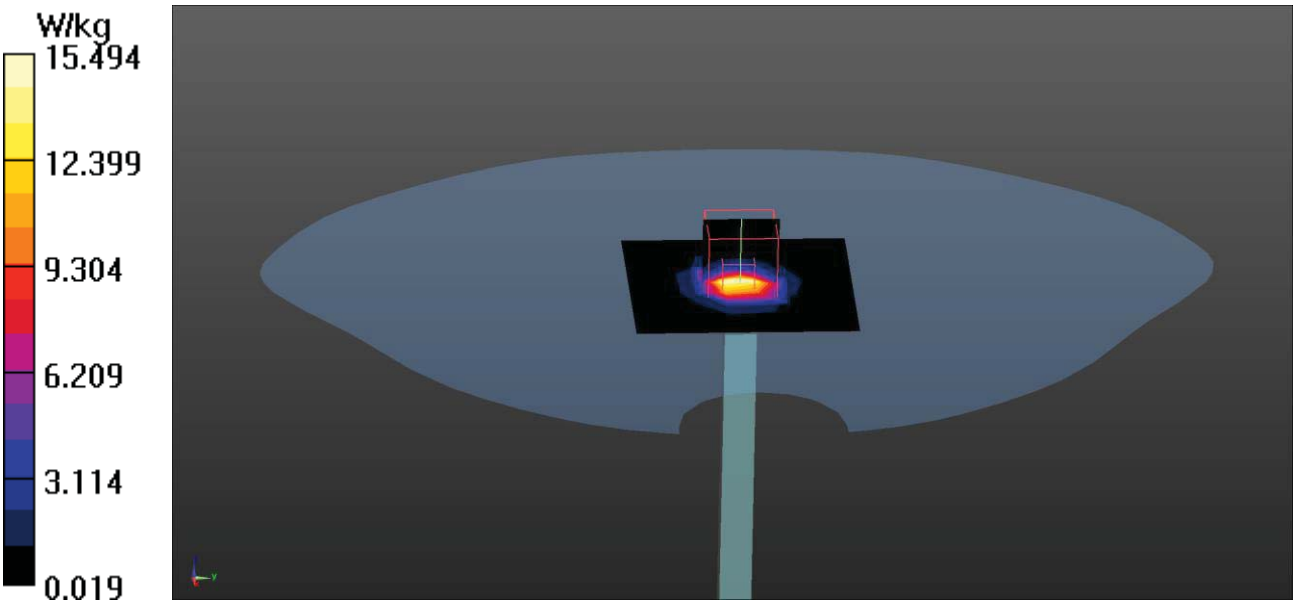
Test Laboratory: DEKRA Date/Time: 2020/04/13

System Performance Check_5600MHz-Head
DUT: Dipole 5GHz; Type: D5GHzV2
Communication System: UID 0, CW; Frequency: 5600 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5600 MHz; σ = 5.25 S/m; ε_r = 35.78; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/5600MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 15.5 W/kg

Configuration/5600MHz-Head/Zoom Scan (7x7x12), dist=1.4mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 75.23 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 35.2 W/kg
SAR(1 g) = 8.52 W/kg; SAR(10 g) = 2.41 W/kg
Maximum value of SAR (measured) = 22.8 W/kg



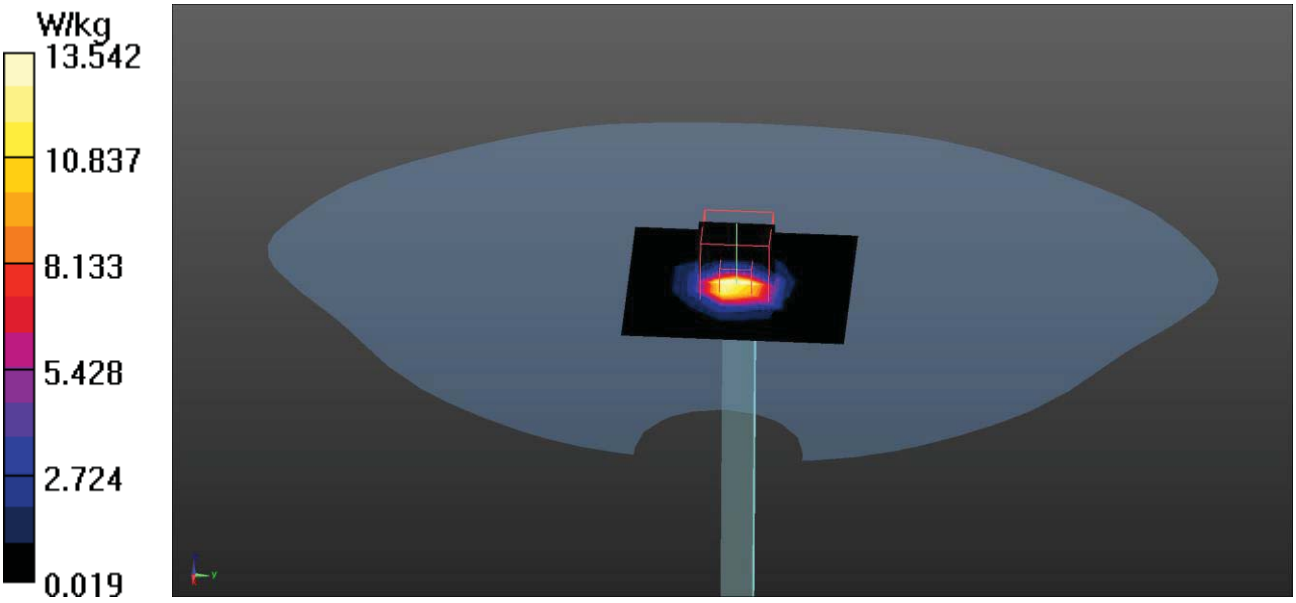
Test Laboratory: DEKRA Date/Time: 2020/04/13

System Performance Check_5800MHz-Head
DUT: Dipole 5GHz; Type: D5GHzV2
Communication System: UID 0, CW; Frequency: 5800 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5800 MHz; σ = 5.45 S/m; ε_r = 35.22; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/5800MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.5 W/kg

Configuration/5800MHz-Head/Zoom Scan (7x7x12), dist=1.4mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 68.22 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 20.6 W/kg



Appendix B. SAR measurement Data

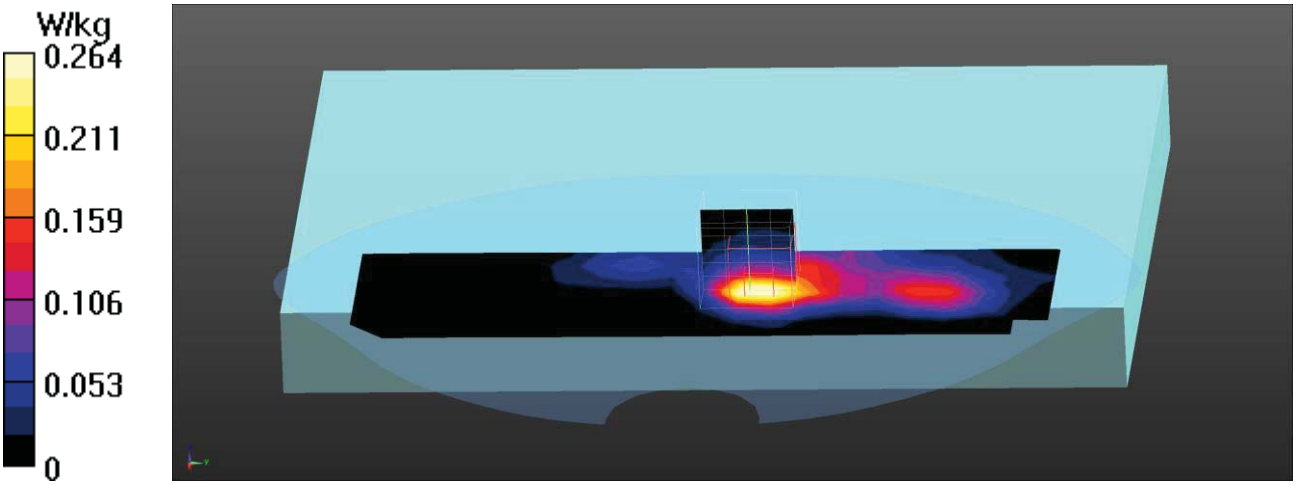
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_6-Back Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2437 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2437 MHz; σ = 1.81 S/m; ε_r = 40.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x21x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.264 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.193 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



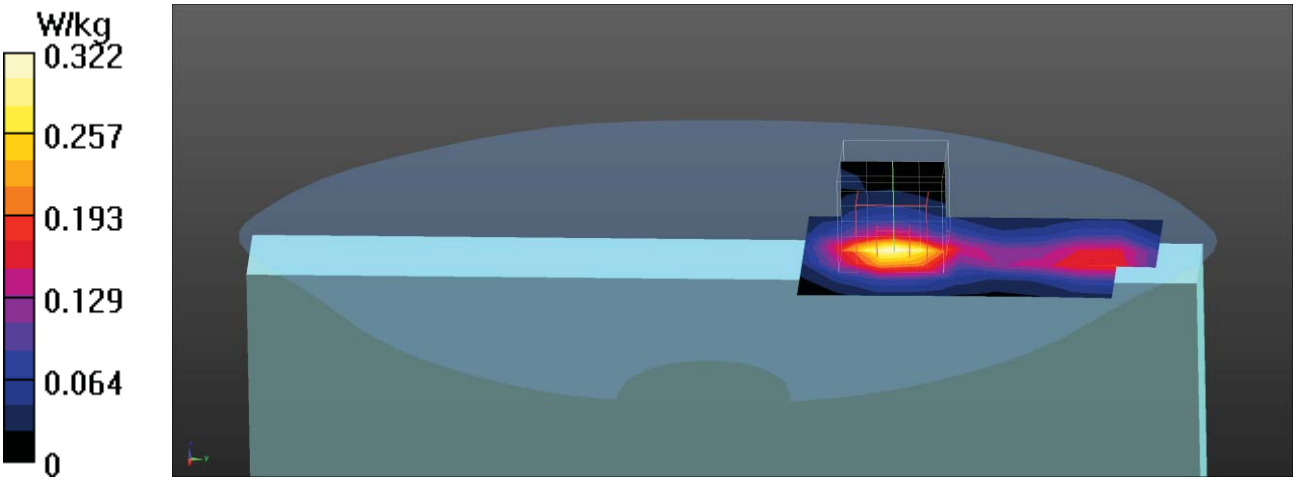
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_1-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2412 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2412 MHz; σ = 1.78 S/m; ε_r = 40.48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.322 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.889 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.443 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.345 W/kg



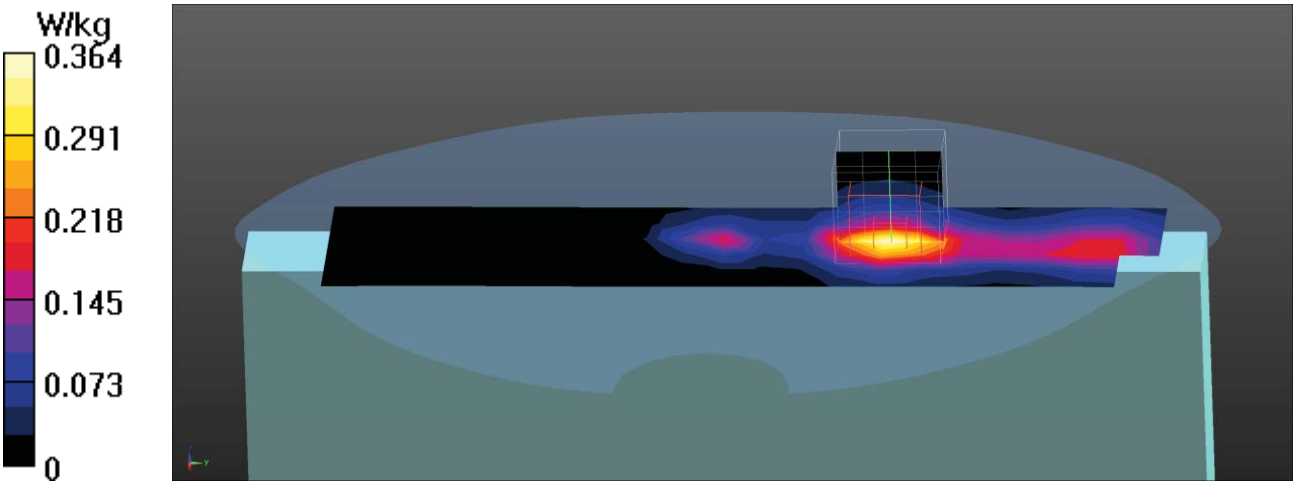
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_6-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2437 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2437 MHz; σ = 1.81 S/m; ε_r = 40.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x22x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.364 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.401 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.382 W/kg



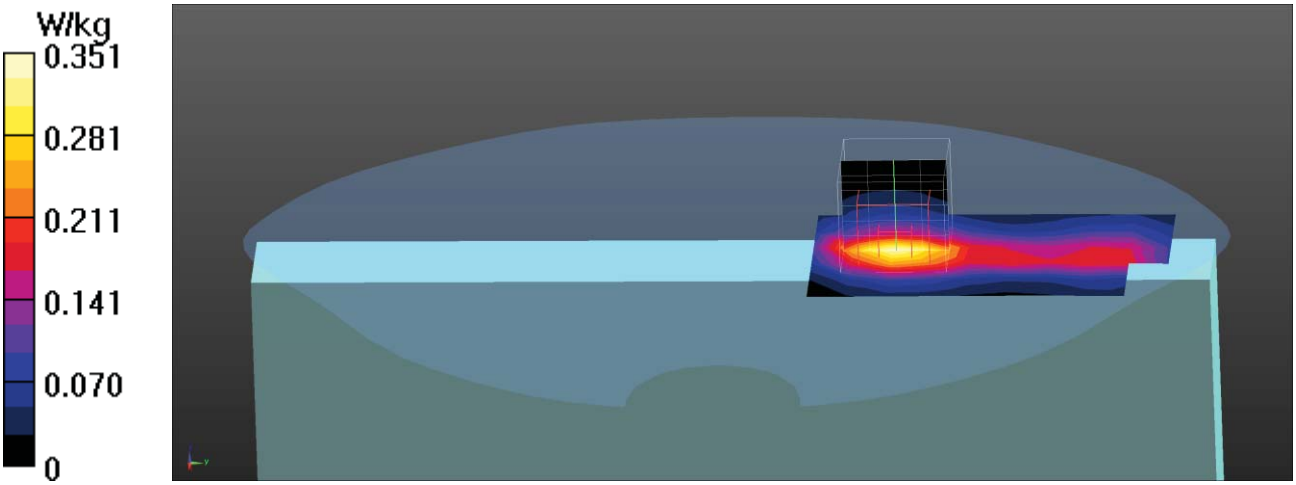
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_11-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2462 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2462 MHz; σ = 1.85 S/m; ε_r = 39.88; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.351 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.805 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.359 W/kg



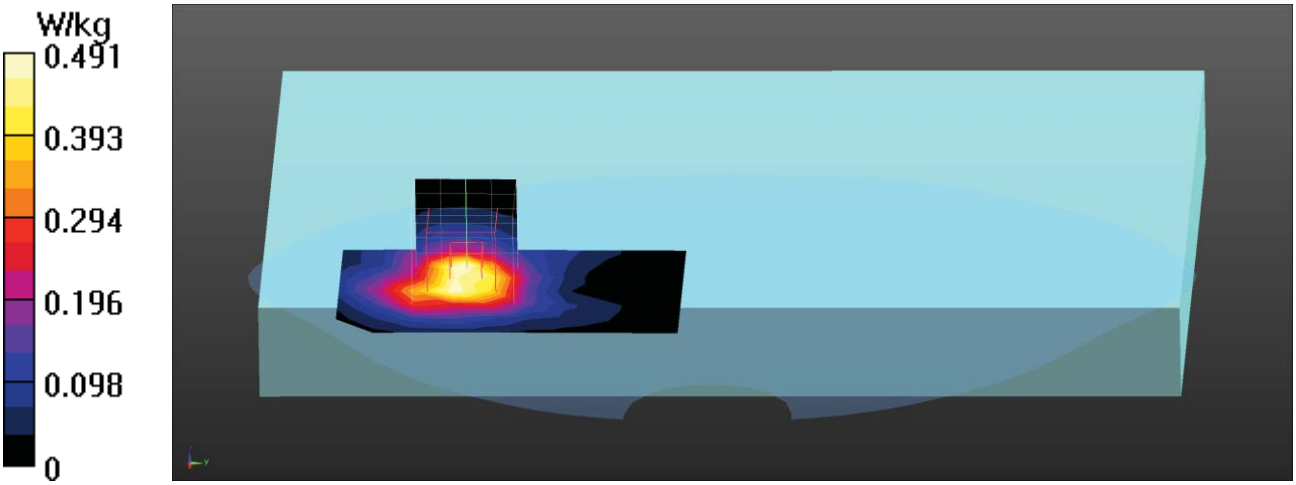
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_1-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2412 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2412 MHz; σ = 1.78 S/m; ε_r = 40.48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.491 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.4370 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.541 W/kg



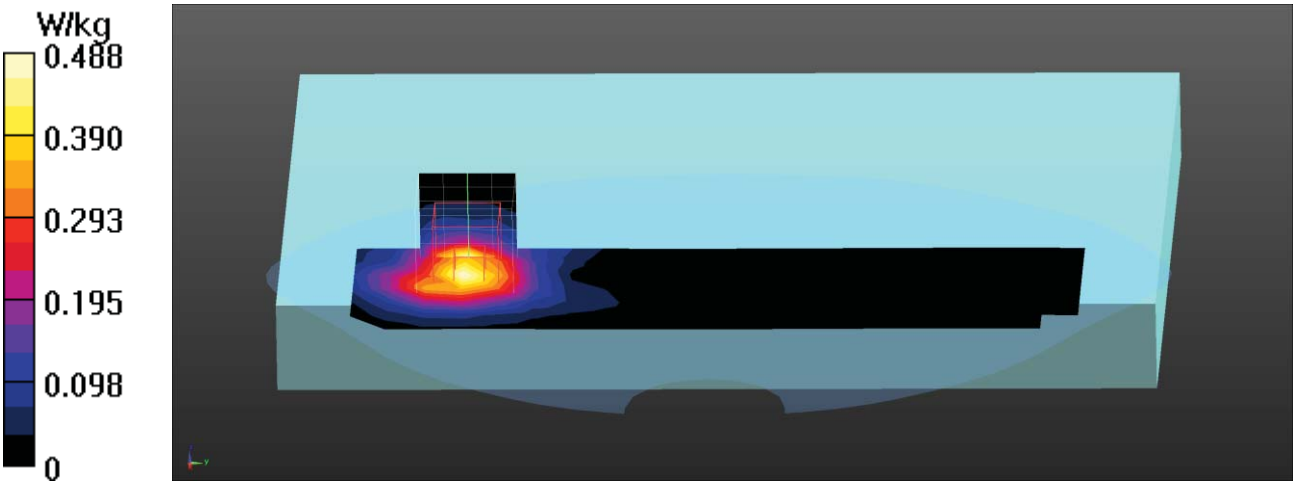
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_6-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2437 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2437 MHz; σ = 1.81 S/m; ε_r = 40.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x21x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.488 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.493 W/kg



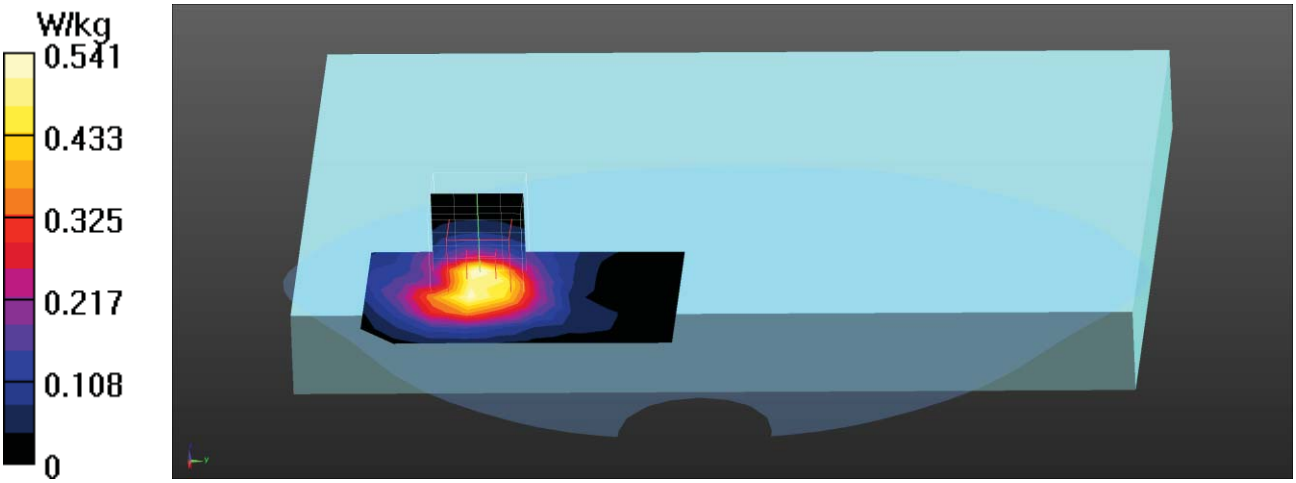
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_11-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2462 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2462 MHz; σ = 1.85 S/m; ε_r = 39.88; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.541 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.589 W/kg



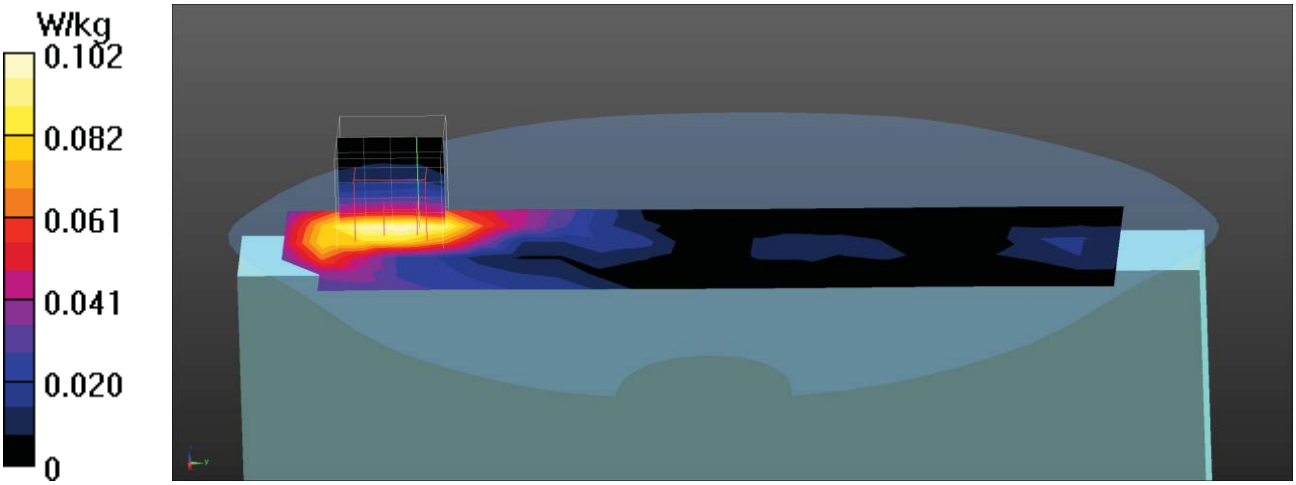
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_6-Top Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2437 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2437 MHz; σ = 1.81 S/m; ε_r = 40.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x22x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.102 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.764 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



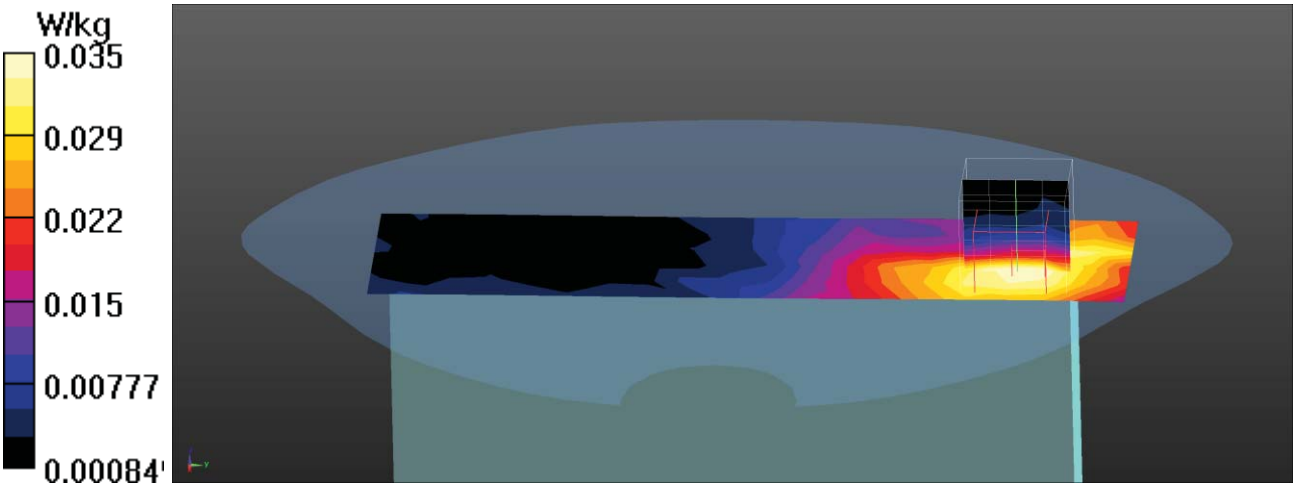
Test Laboratory: DEKRA Date/Time: 2020/04/22

802.11b_6-Left-Side Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 2.4G; Frequency: 2437 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2437 MHz; σ = 1.81 S/m; ε_r = 40.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x20x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0355 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.504 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0381 W/kg



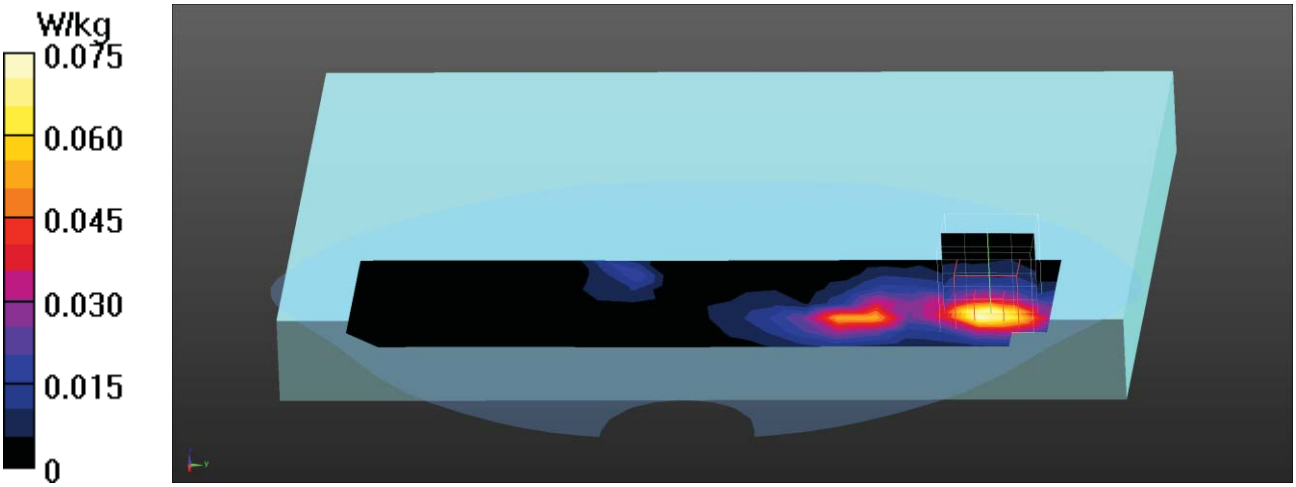
Test Laboratory: DEKRA Date/Time: 2020/04/22

BT_0-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2402 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2402 MHz; σ = 1.76 S/m; ε_r = 40.62; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.1, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

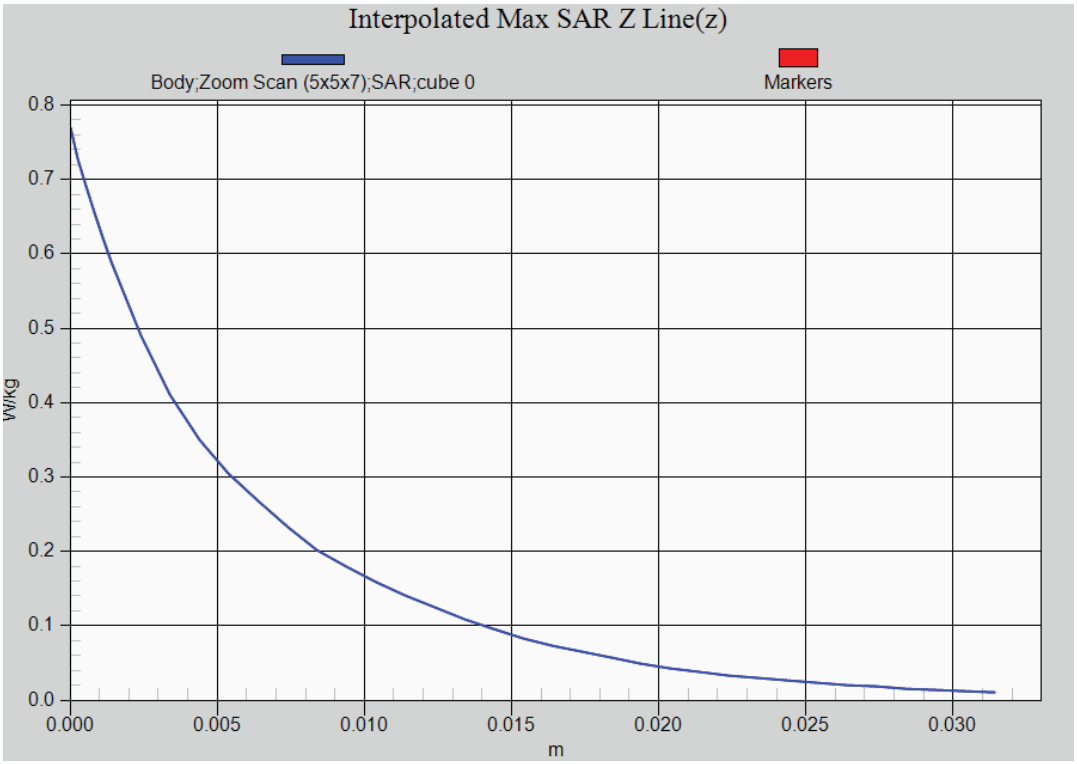
- Probe: EX3DV4 - SN3698; ConvF(7.06, 7.06, 7.06); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x21x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0746 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.622 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0784 W/kg



802.11b EUT Back (Aux Antenna) Z-Axis plot
Channel: 11



Test Laboratory: DEKRA Date/Time: 2020/04/13

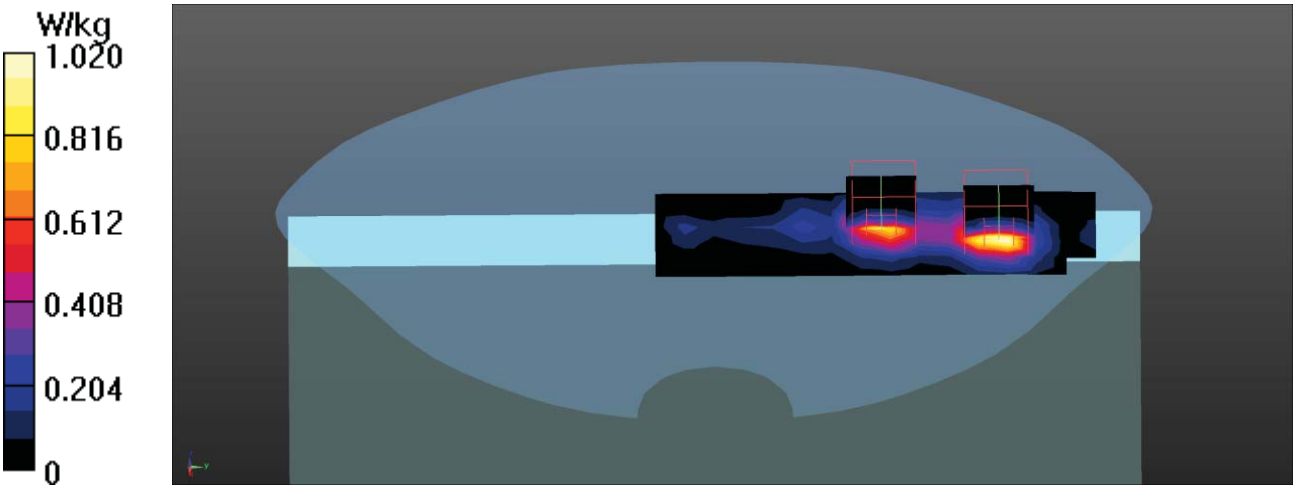
802.11n40M_38-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5190 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5190 MHz; σ = 4.78 S/m; ε_r = 36.64; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.590 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 1.12 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.590 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.968 W/kg



Test Laboratory: DEKRA Date/Time: 2020/04/13

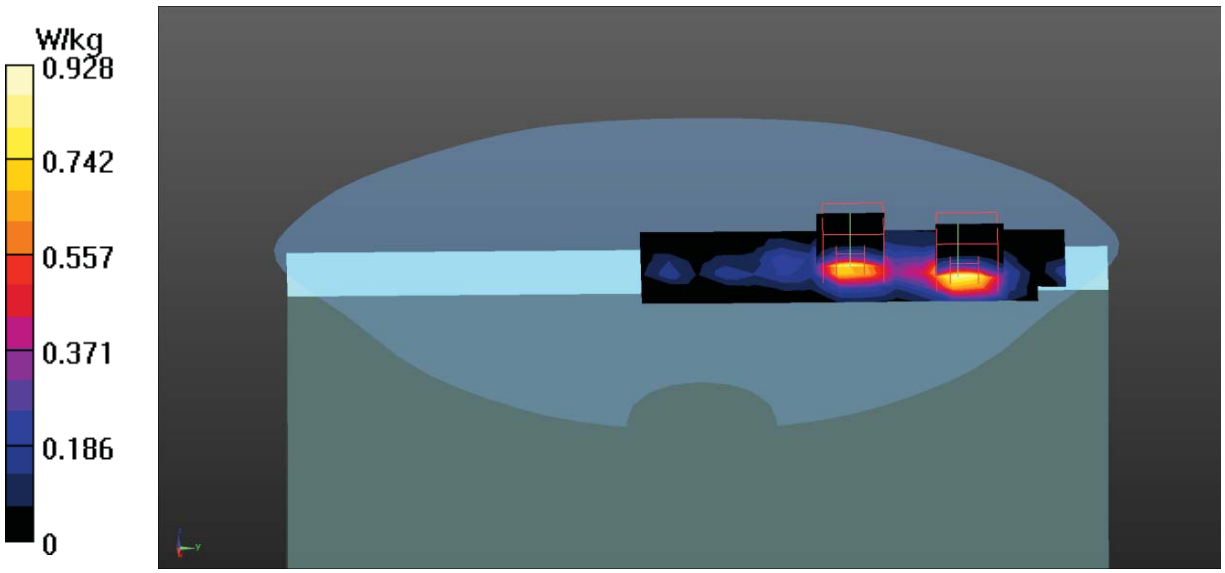
802.11n40M_46-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5230 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5230 MHz; σ = 4.83 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.928 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.359 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 1.09 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.359 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.966 W/kg



Test Laboratory: DEKRA Date/Time: 2020/04/13

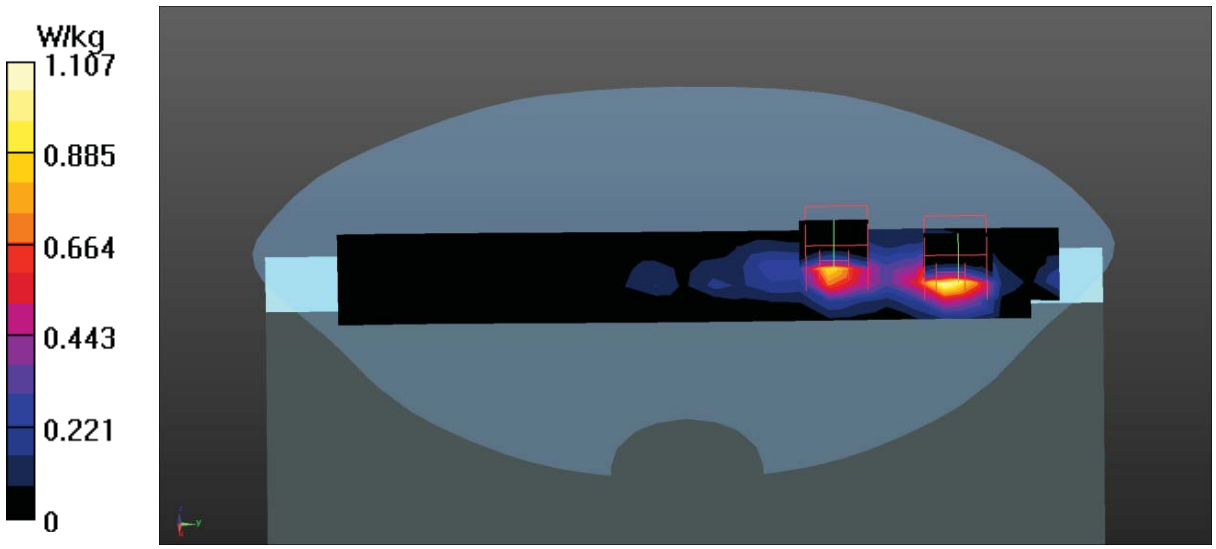
802.11n40M_54-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5270 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5270 MHz; σ = 4.86 S/m; ε_r = 35.94; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x26x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.11 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.873 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 1.08 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.873 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



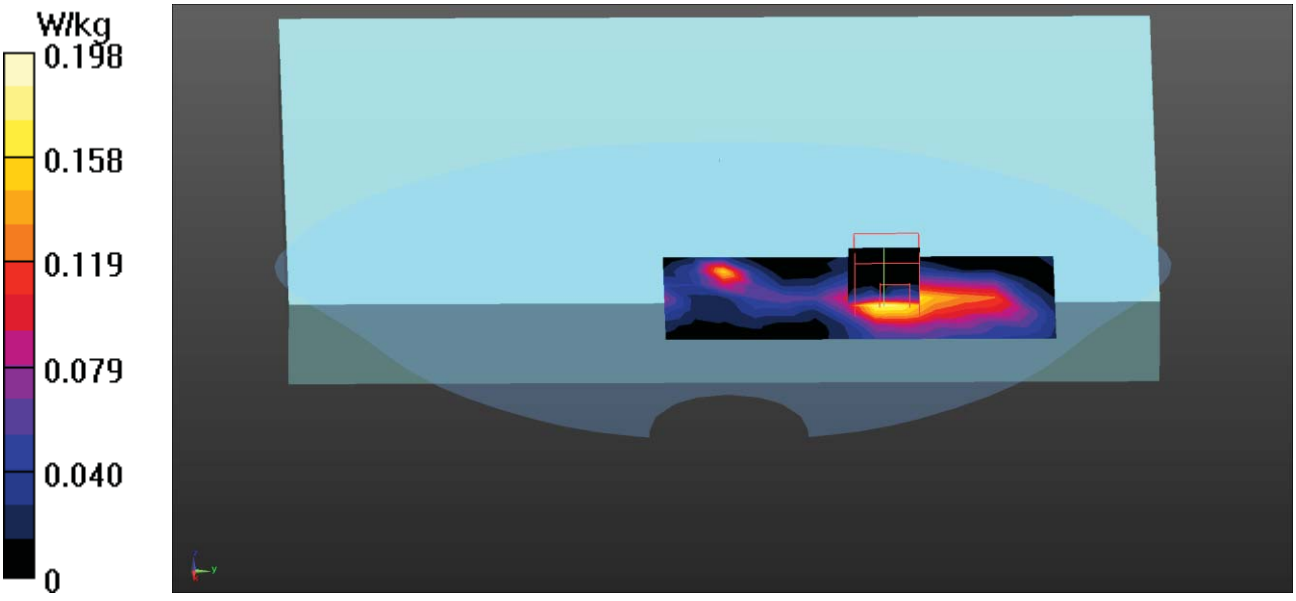
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_46-Back Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5230 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5230 MHz; σ = 4.83 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.198 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.067 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.200 W/kg



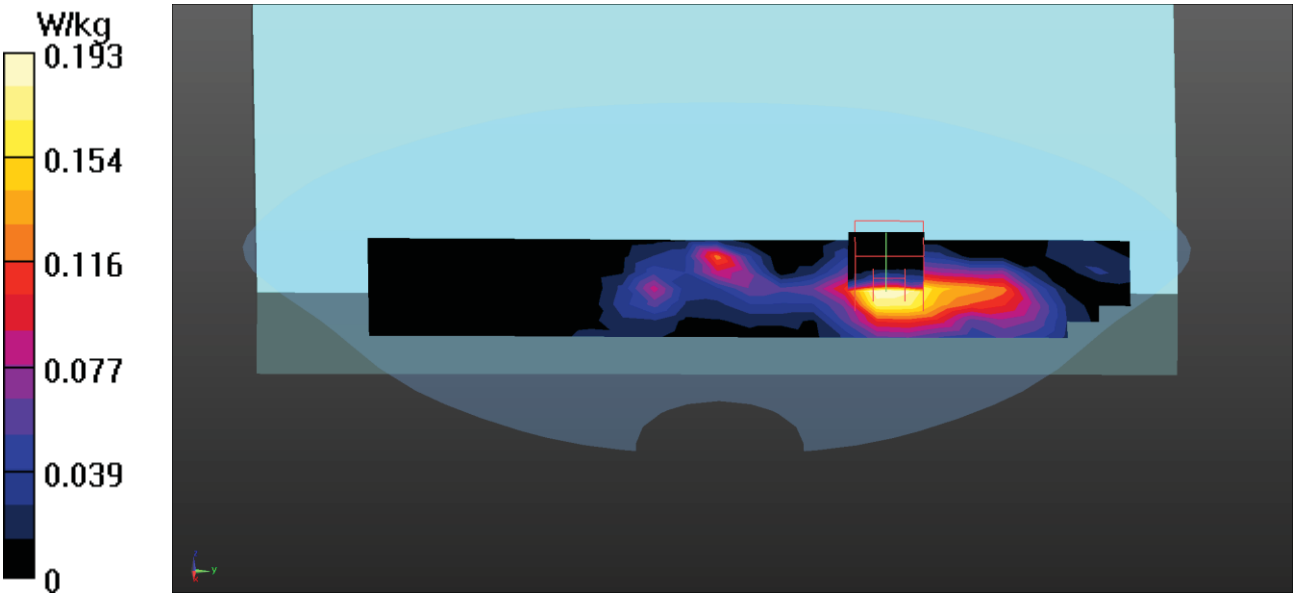
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_54-Back Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5270 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5270 MHz; σ = 4.86 S/m; ε_r = 35.94; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.193 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.590 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



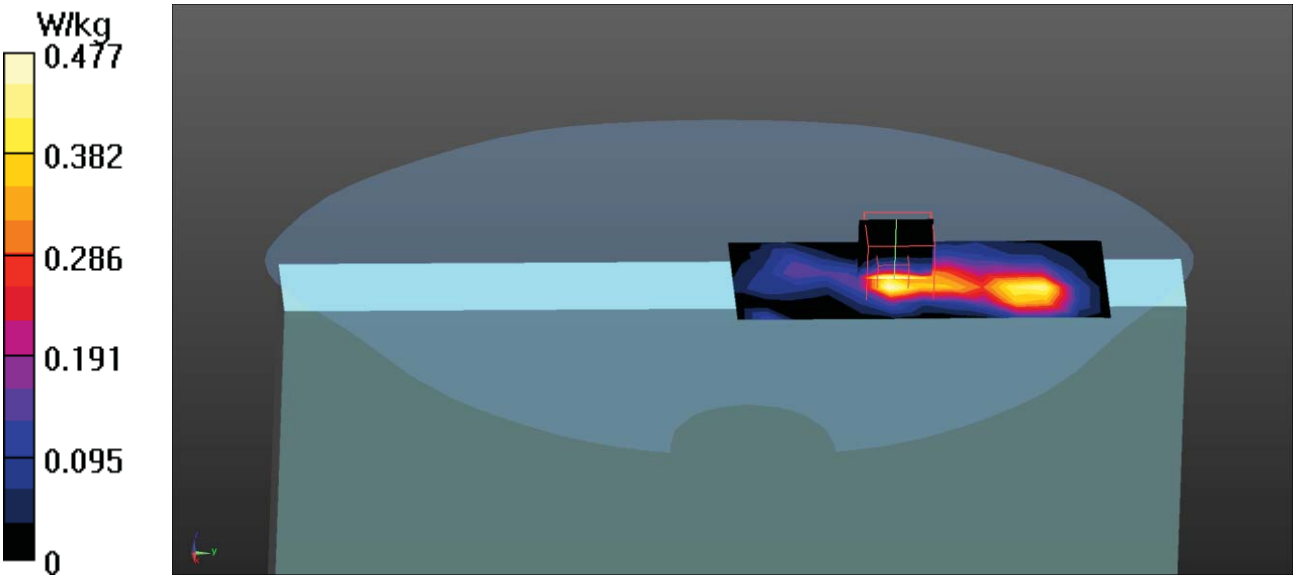
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_122-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5610 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5610 MHz; σ = 5.26 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.477 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.765 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.975 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.558 W/kg



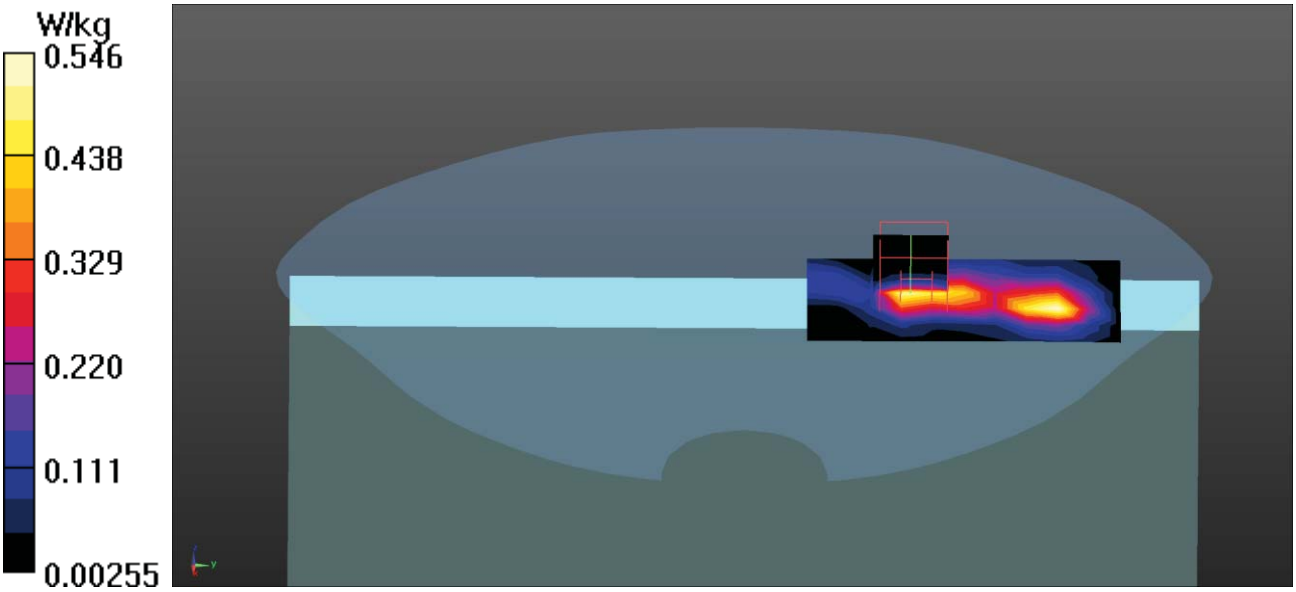
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_138-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5690 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5690 MHz; σ = 5.3 S/m; ε_r = 34.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.546 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.599 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.073 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



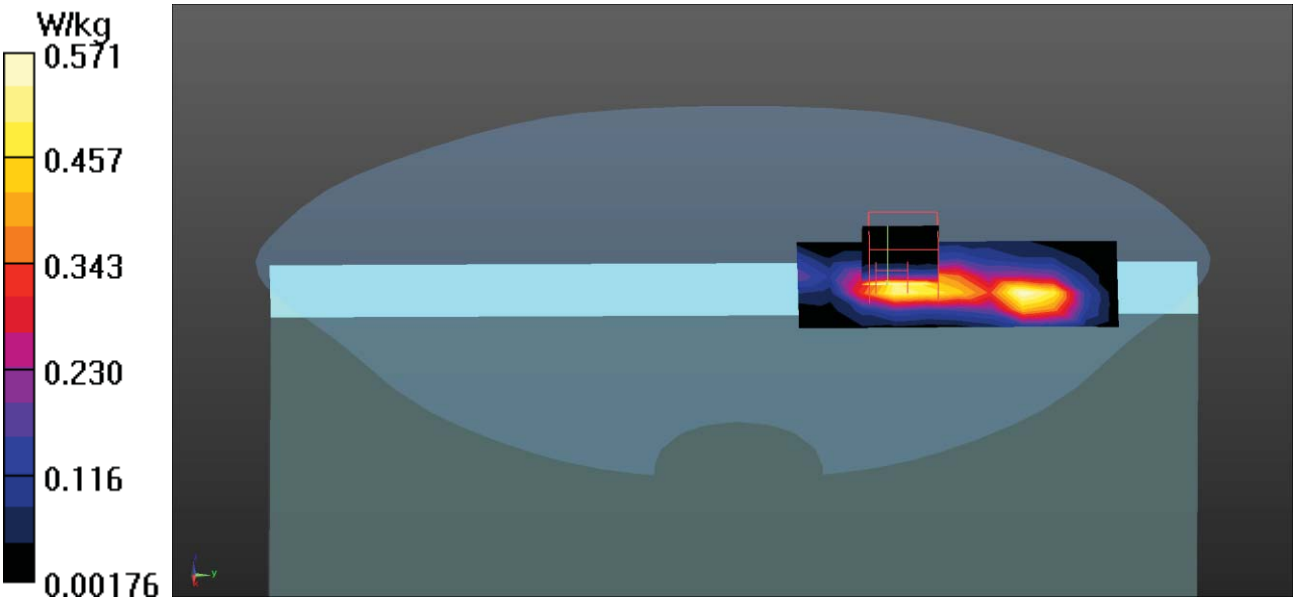
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_155-Bottom Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5775 MHz; σ = 5.43 S/m; ε_r = 35.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.571 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.142 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.626 W/kg



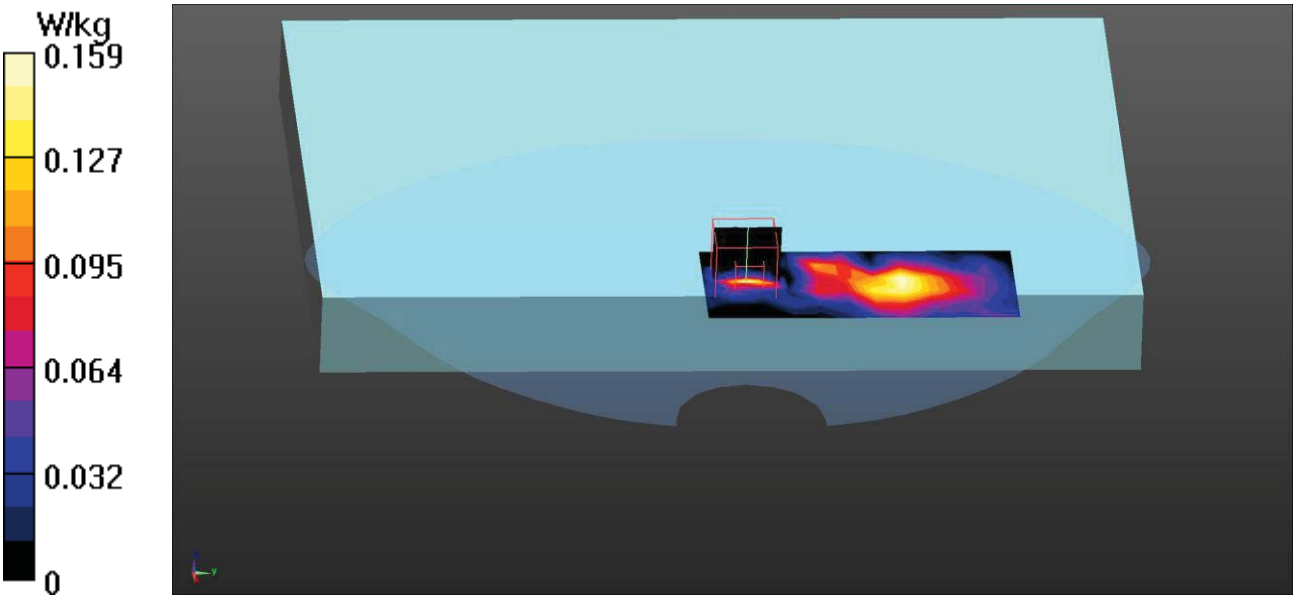
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_122-Back Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5610 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5610 MHz; σ = 5.26 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.159 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.337 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.168 W/kg



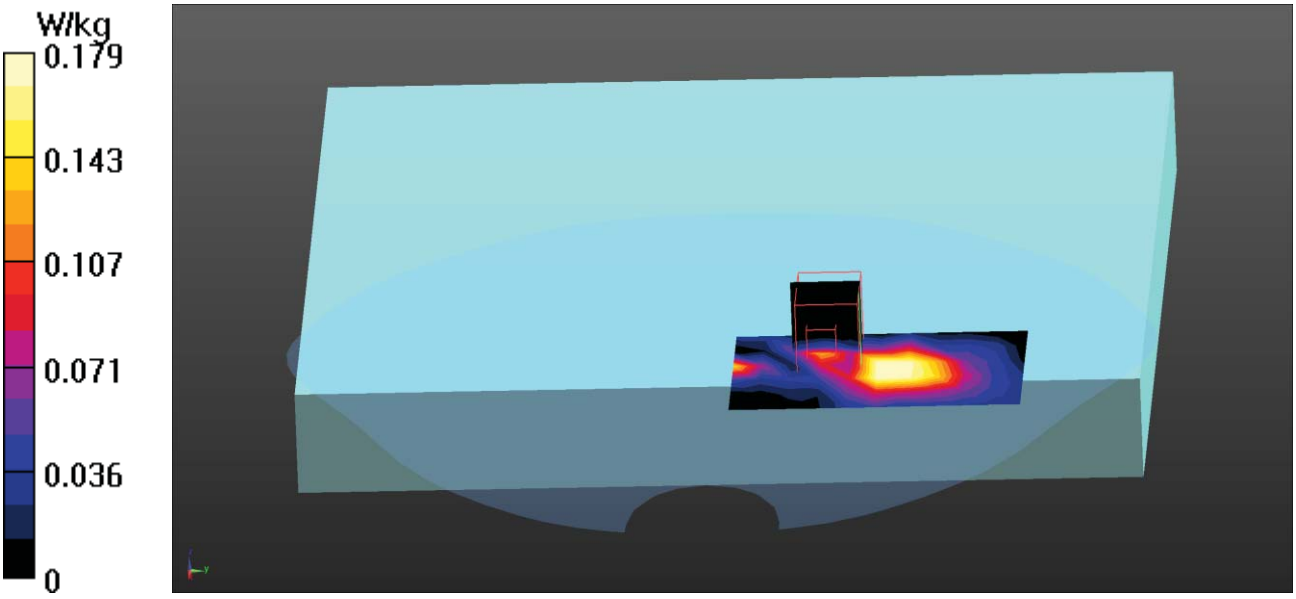
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_155-Back Main
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5775 MHz; σ = 5.43 S/m; ε_r = 35.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.179 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.047 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.135 W/kg



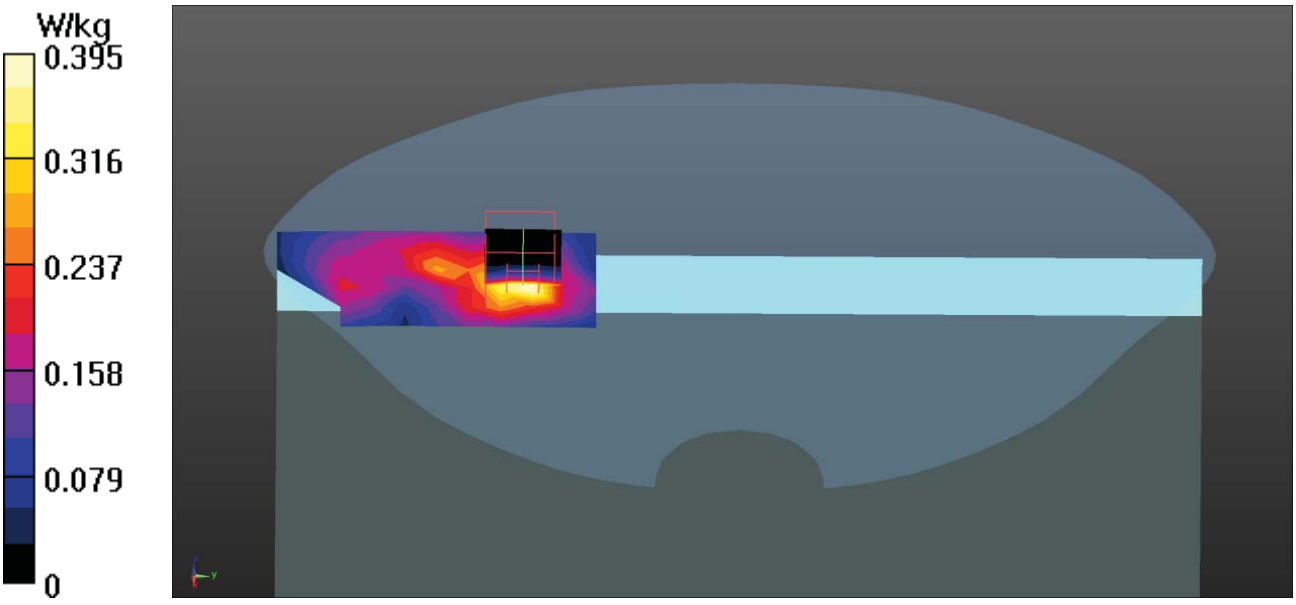
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_46-Top Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5230 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5230 MHz; σ = 4.83 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.395 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.640 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.407 W/kg



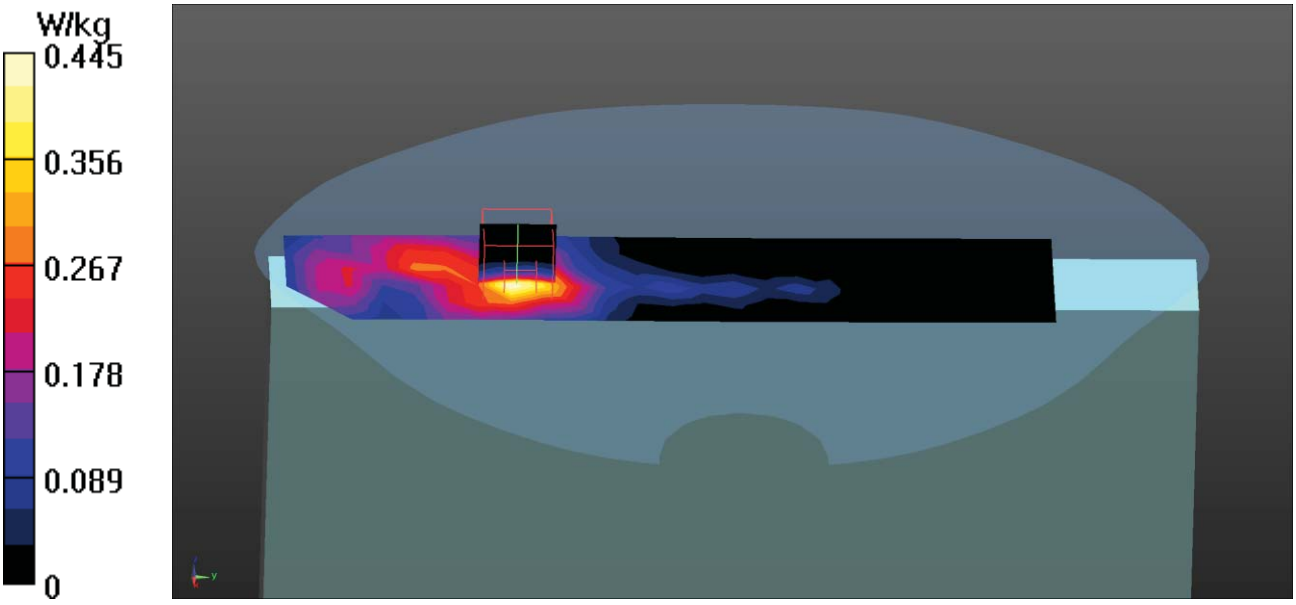
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_54-Top Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5270 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5270 MHz; σ = 4.86 S/m; ε_r = 35.94; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x25x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.445 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.787 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.461 W/kg



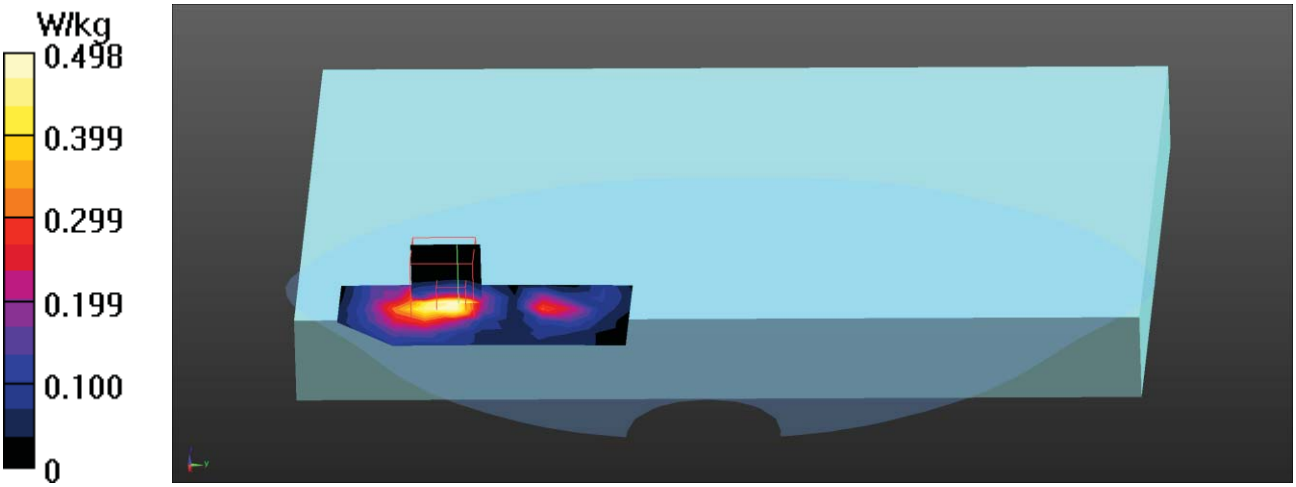
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_38-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5190 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5190 MHz; σ = 4.78 S/m; ε_r = 36.64; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.498 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.857 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.558 W/kg



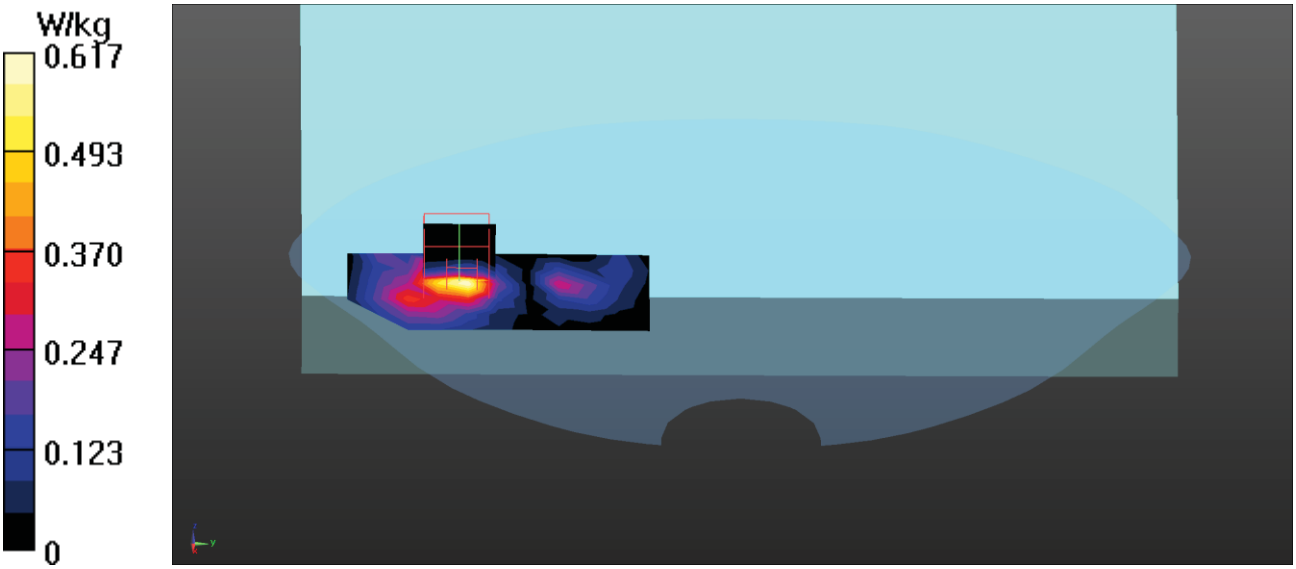
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_46-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5230 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5230 MHz; σ = 4.83 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.617 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.428 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.626 W/kg



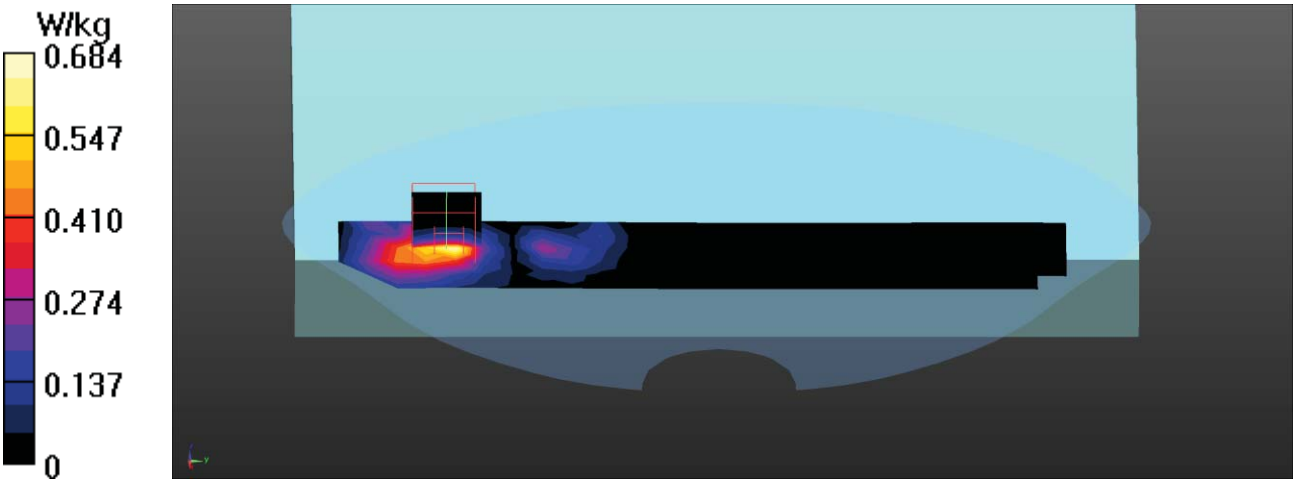
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_54-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5270 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5270 MHz; σ = 4.86 S/m; ε_r = 35.94; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x26x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.684 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.046 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.680 W/kg



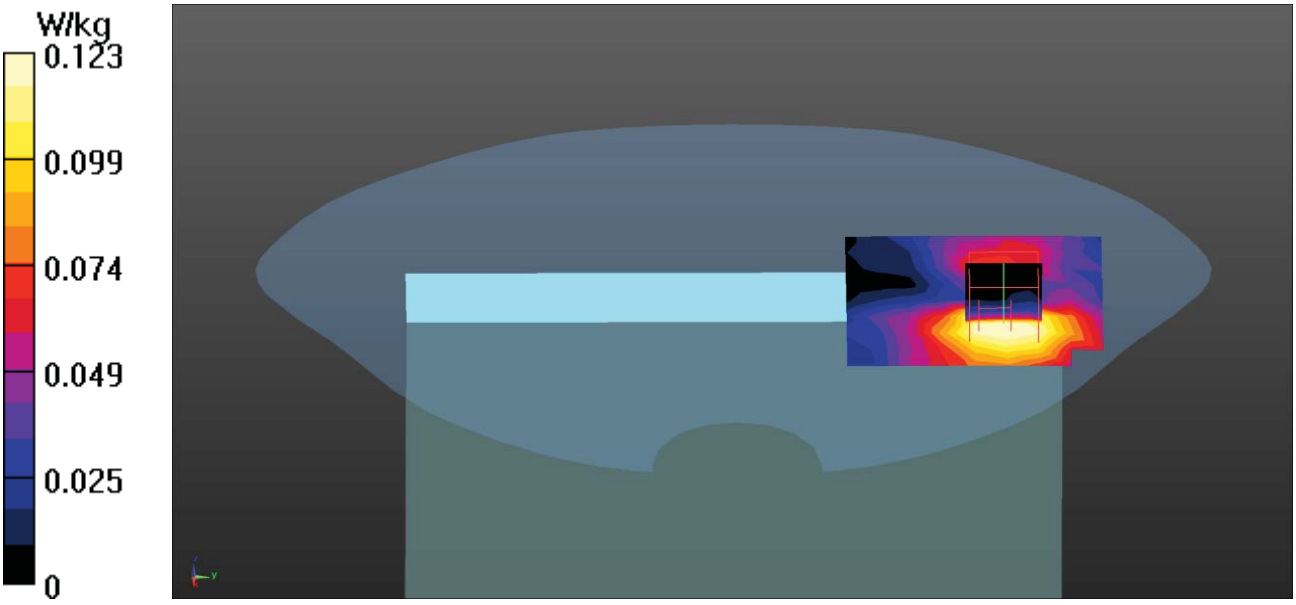
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_46-Left-Side Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5230 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5230 MHz; σ = 4.83 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.123 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.884 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



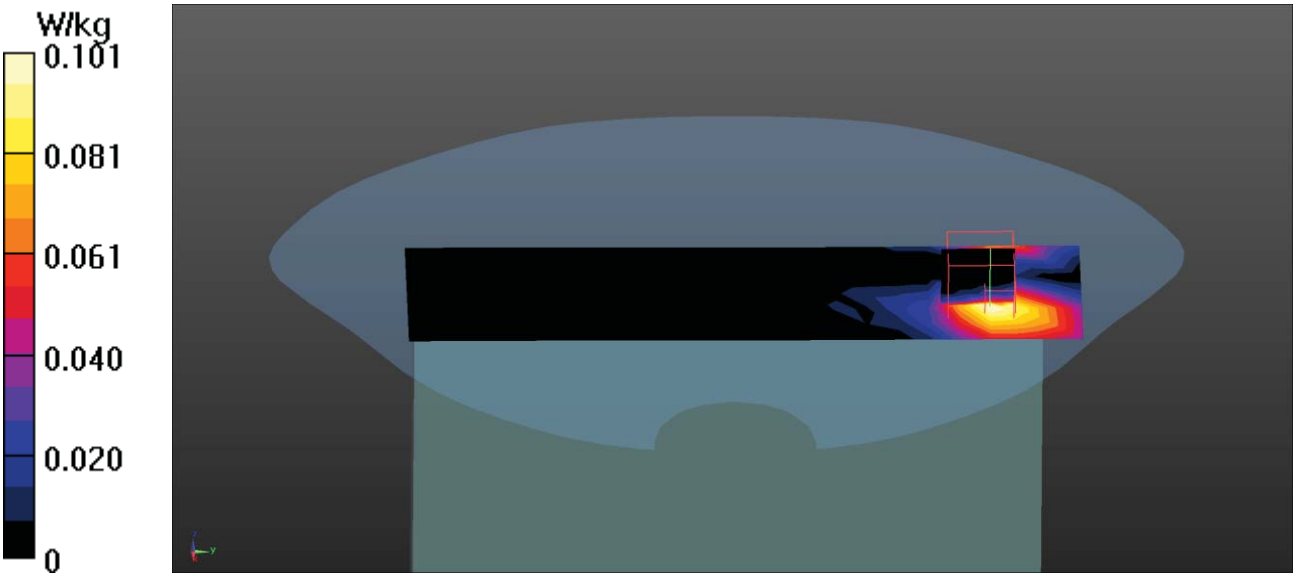
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11n40M_54-Left-Side Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5270 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5270 MHz; σ = 4.86 S/m; ε_r = 35.94; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.73, 4.73); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x23x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.101 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.949 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.120 W/kg



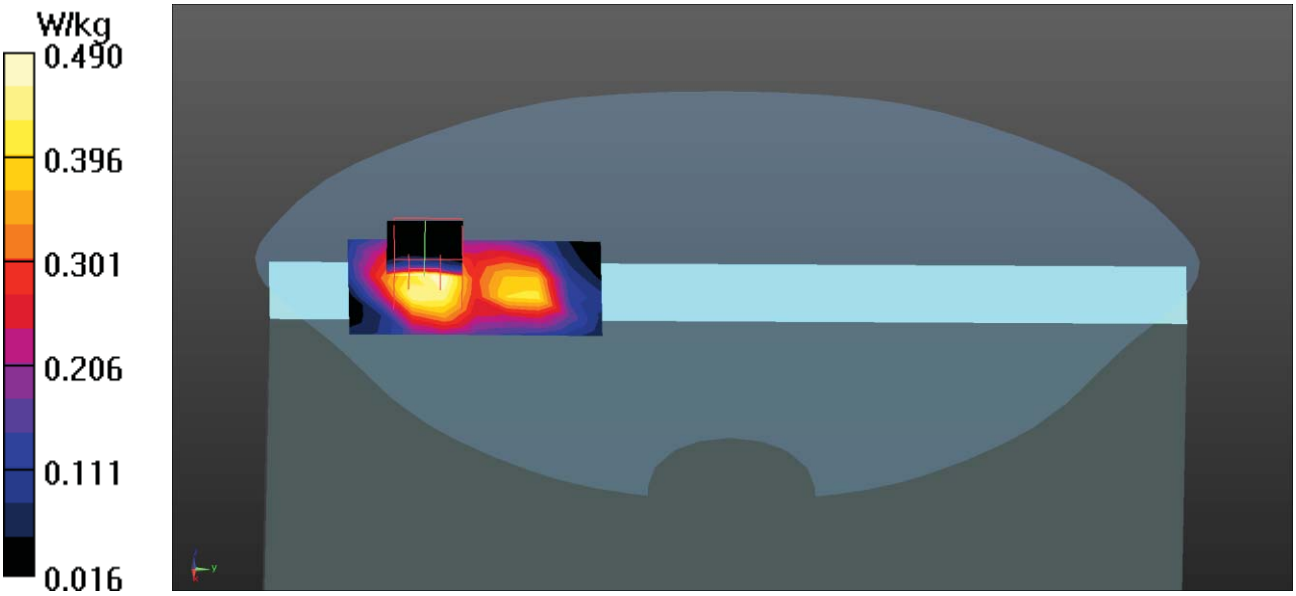
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_122-Top Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5610 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5610 MHz; σ = 5.26 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.490 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.431 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.990 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.582 W/kg



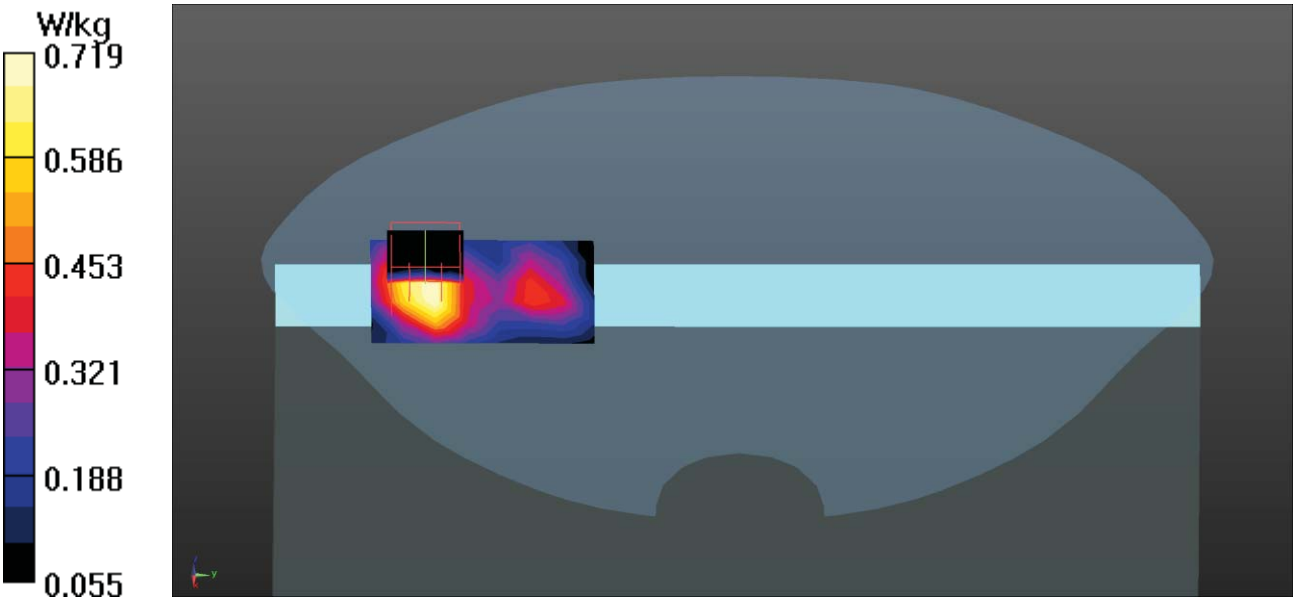
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_155-Top Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5775 MHz; σ = 5.43 S/m; ε_r = 35.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.719 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.529 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.749 W/kg



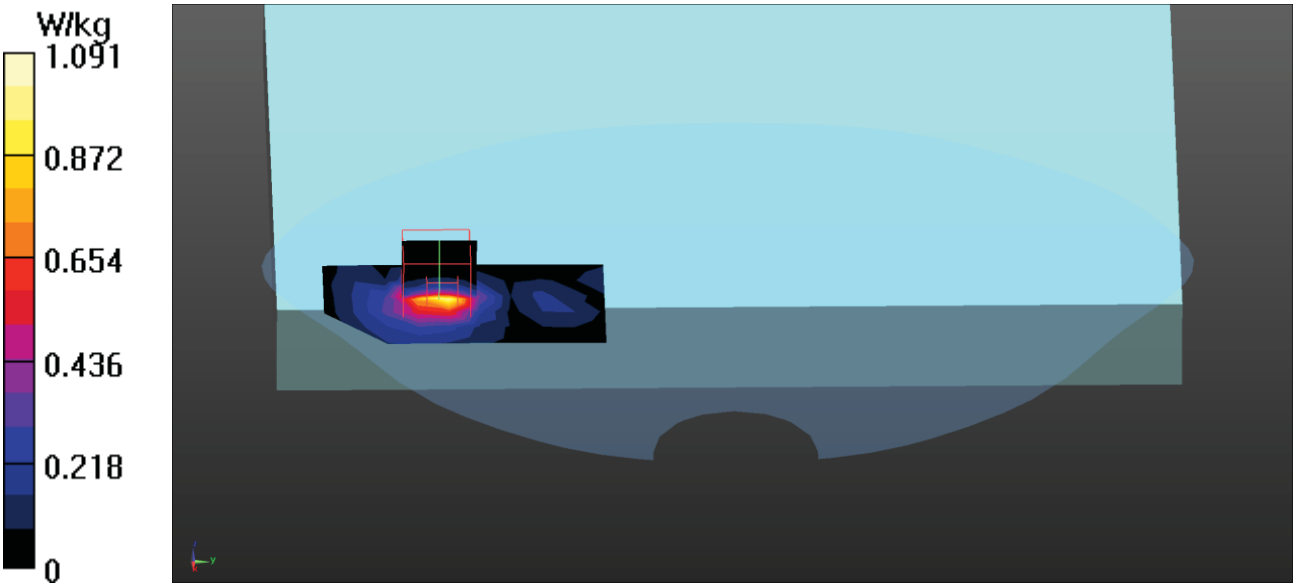
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_122-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5610 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5610 MHz; σ = 5.26 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.09 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.211 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



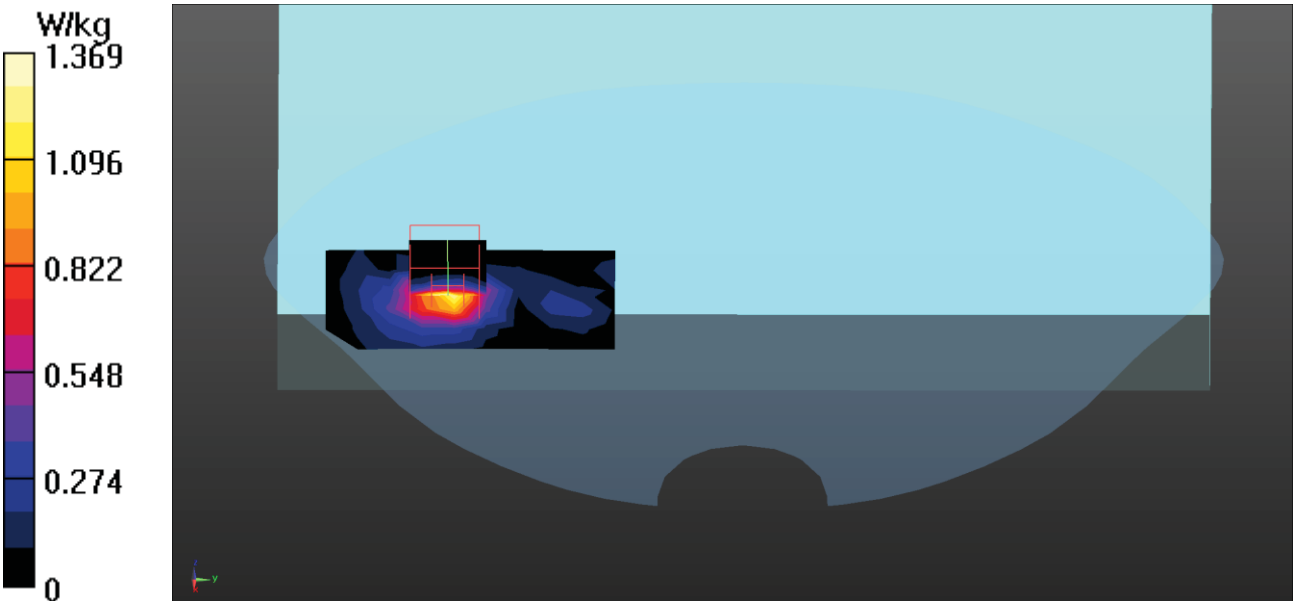
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_138-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5690 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5690 MHz; σ = 5.3 S/m; ε_r = 34.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.37 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8740 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



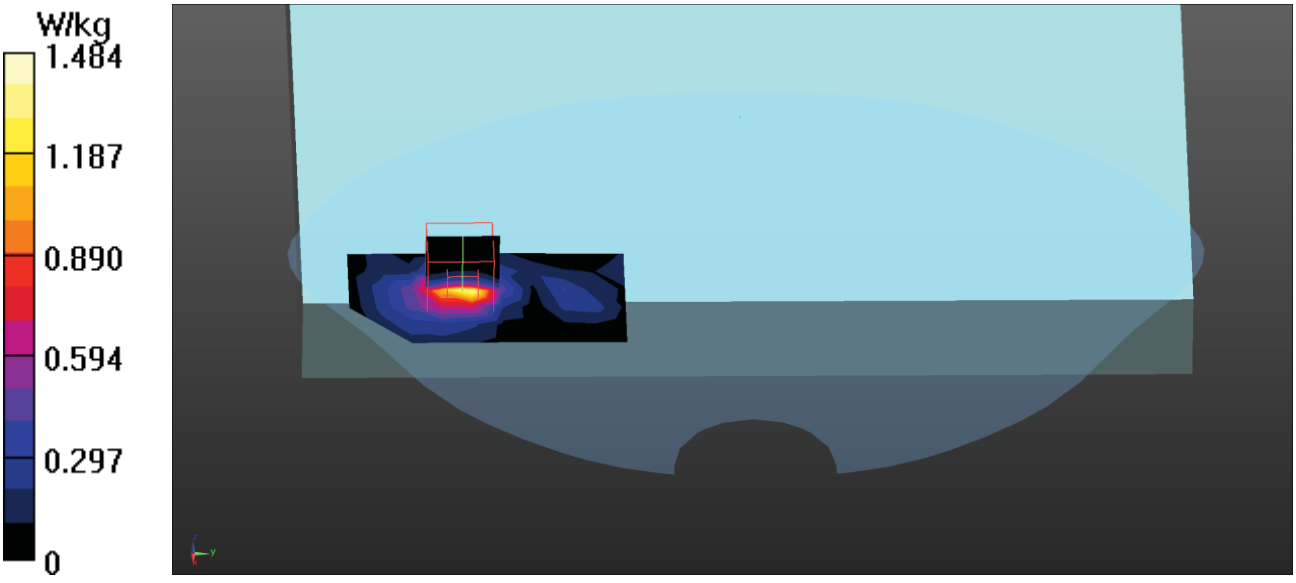
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_155-Back Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5775 MHz; σ = 5.43 S/m; ε_r = 35.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.48 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.112 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.76 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 1.52 W/kg



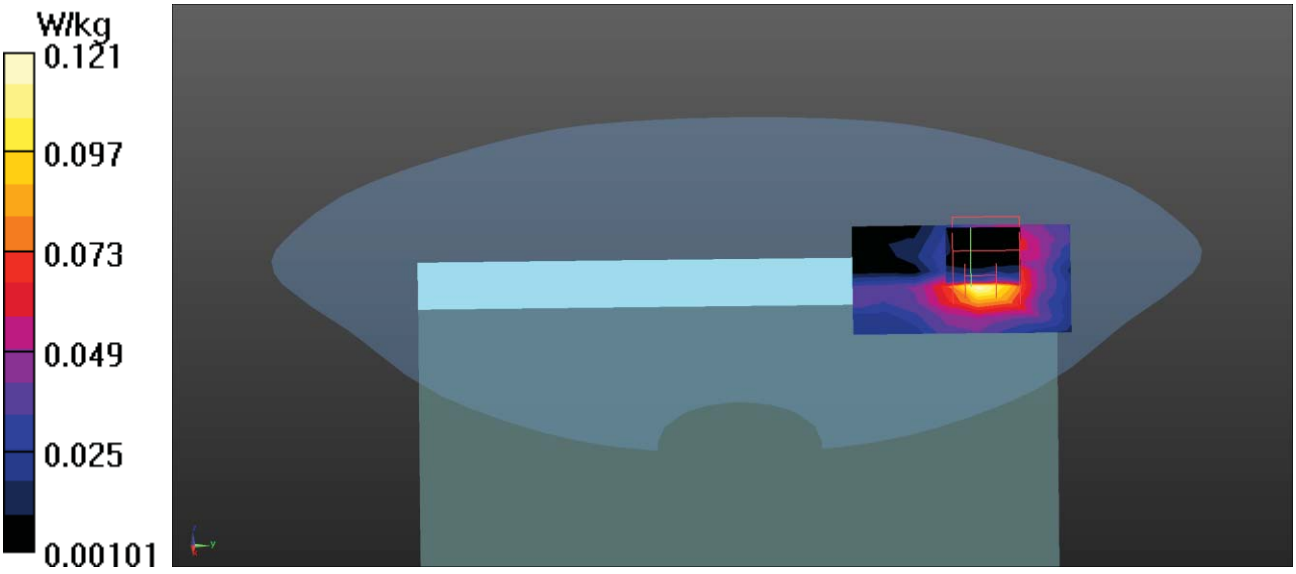
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_122-Left-Side Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5610 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5610 MHz; σ = 5.26 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.43, 4.43, 4.43); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.121 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.173 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.119 W/kg



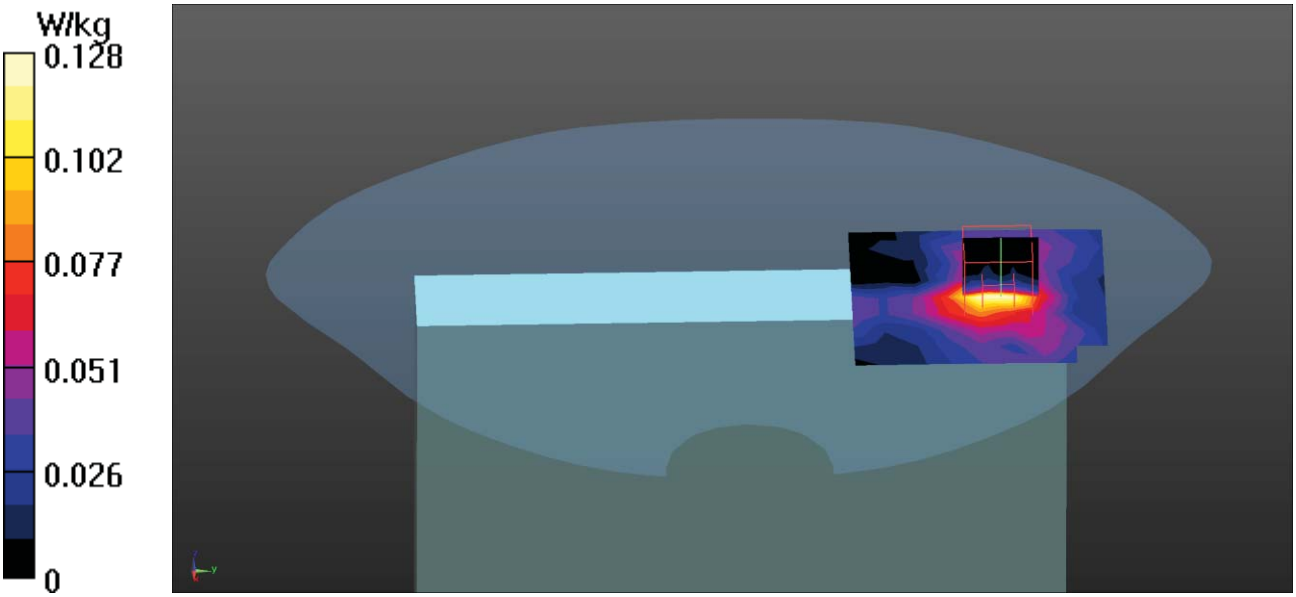
Test Laboratory: DEKRA Date/Time: 2020/04/13

802.11ac80M_155-Left-Side Aux
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 5775 MHz; σ = 5.43 S/m; ε_r = 35.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

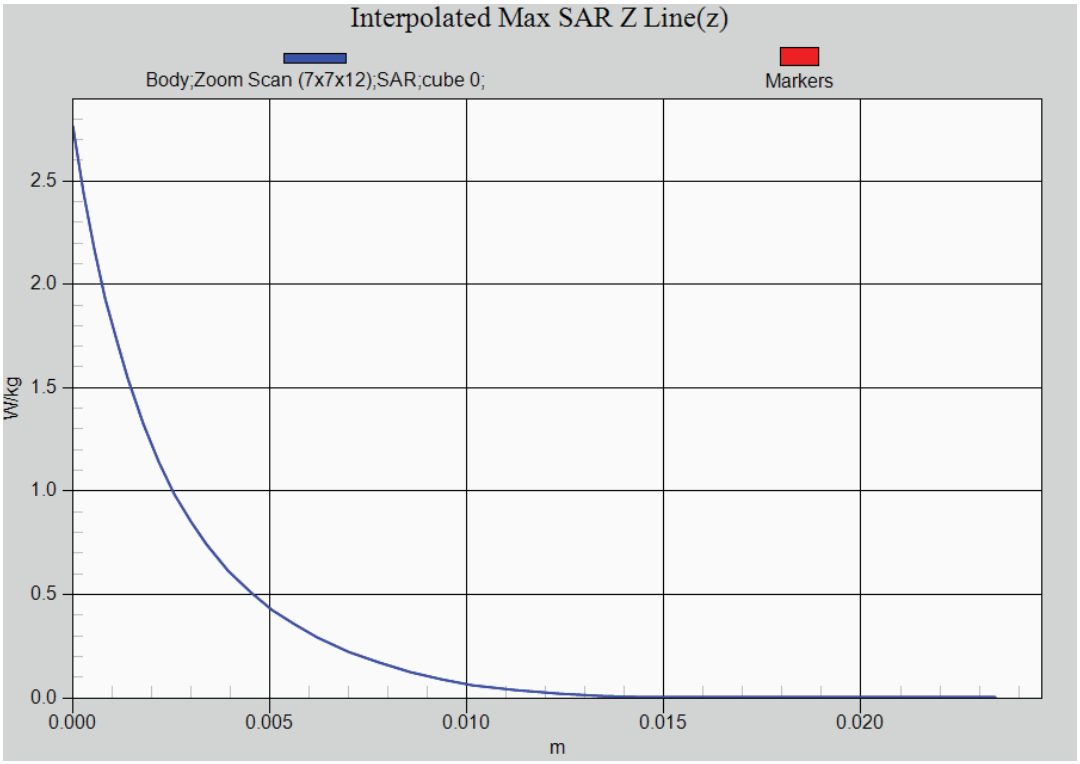
- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.128 W/kg

Configuration/Body/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.101 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.143 W/kg



802.11ac (80M) EUT Back (Aux Antenna), Z-Axis plot
Channel: 155



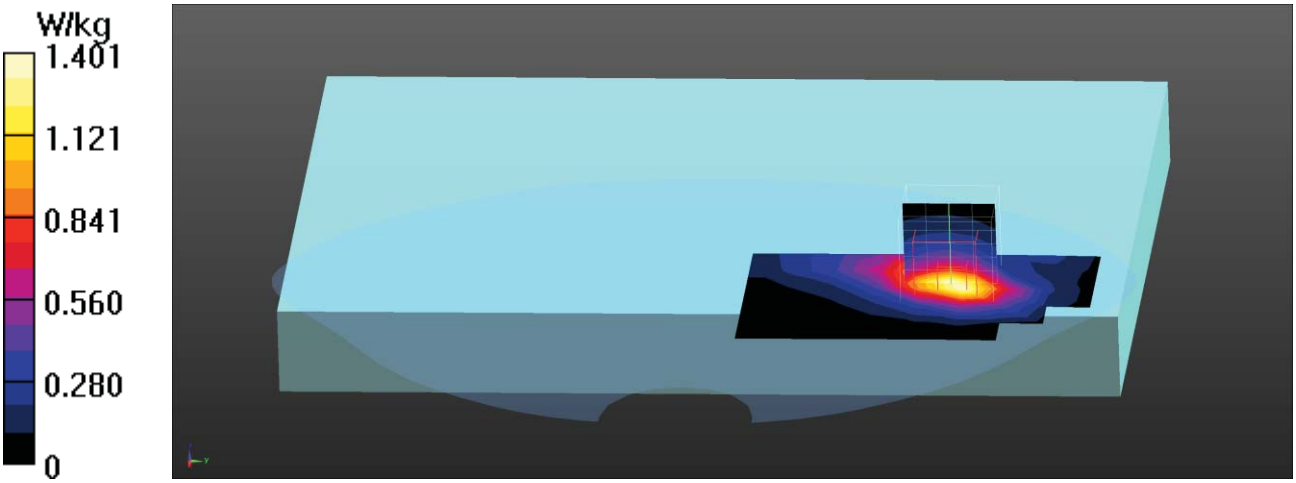
Test Laboratory: DEKRA Date/Time: 2020/04/17

WCDMA_Band 2_RMC_9262_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-2; Frequency: 1852.4 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1852.4 MHz; σ = 1.34 S/m; ε_r = 41.18; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.40 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.301 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



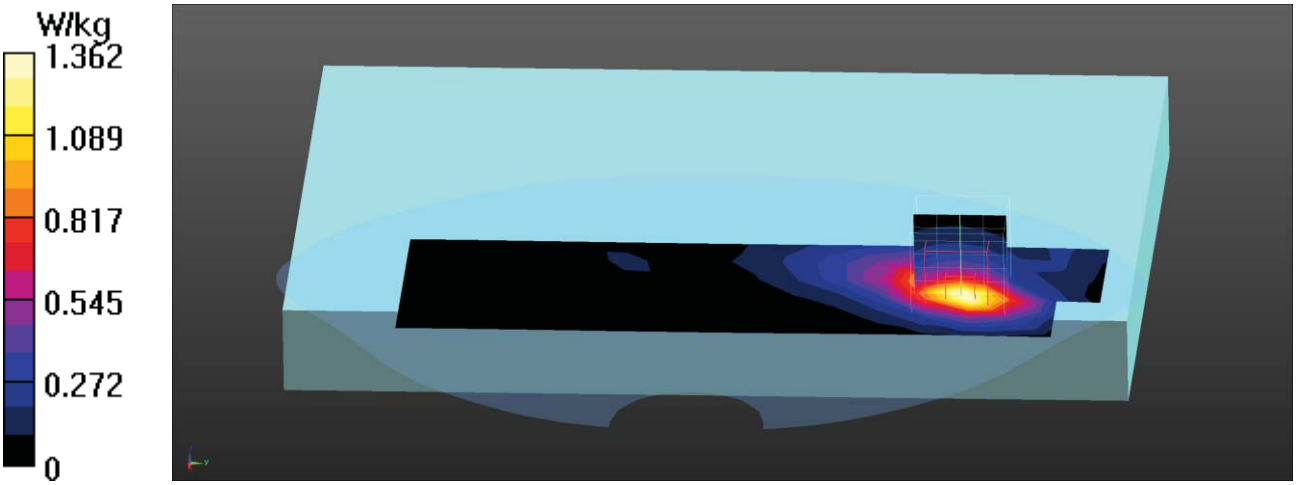
Test Laboratory: DEKRA Date/Time: 2020/04/17

WCDMA_Band 2_RMC_9400_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.36 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.991 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.512 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



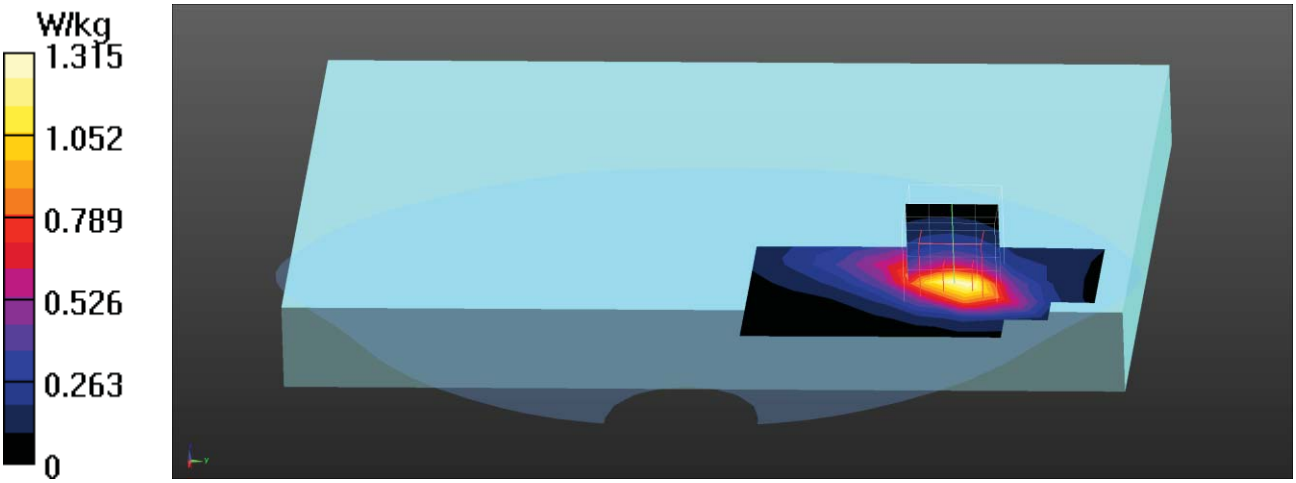
Test Laboratory: DEKRA Date/Time: 2020/04/17

WCDMA_Band 2_RMC_9538_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-2; Frequency: 1907.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1907.6 MHz; σ = 1.4 S/m; ε_r = 40.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.31 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.210 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.498 W/kg
Maximum value of SAR (measured) = 1.37 W/kg



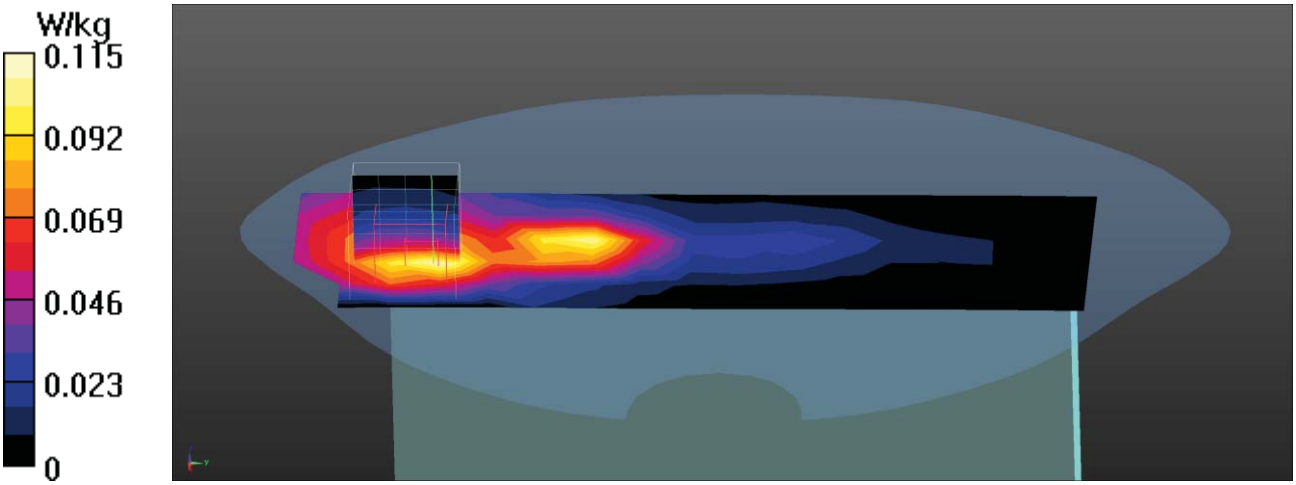
Test Laboratory: DEKRA Date/Time: 2020/04/17

WCDMA_Band 2_RMC_9400_-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.115 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.683 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.111 W/kg



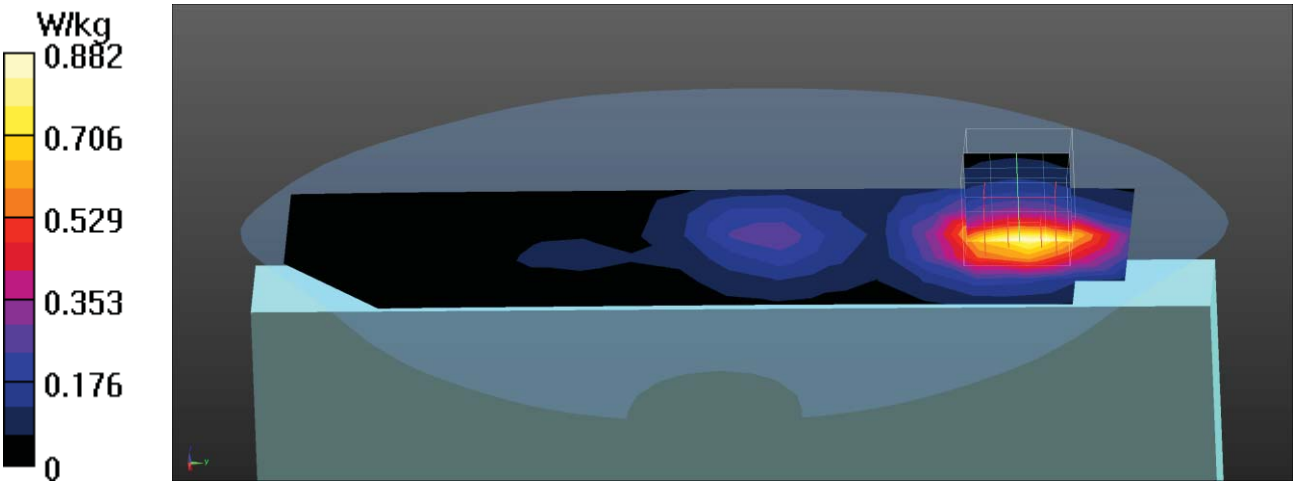
Test Laboratory: DEKRA Date/Time: 2020/04/17

WCDMA_Band 2_RMC_9400_-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.882 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.51 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.374 W/kg
Maximum value of SAR (measured) = 0.920 W/kg



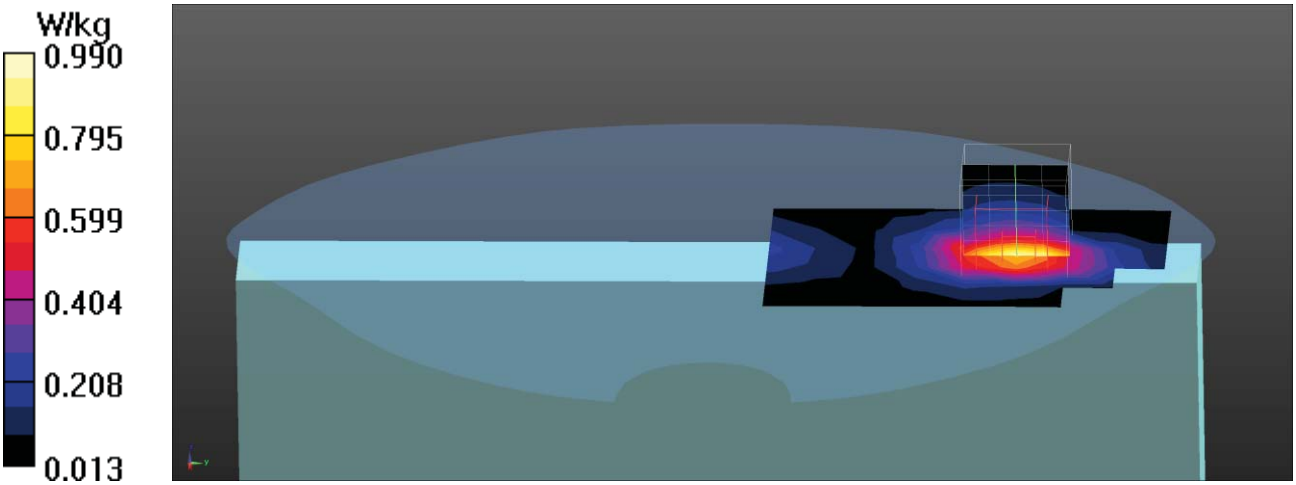
Test Laboratory: DEKRA Date/Time: 2020/04/17

WCDMA_Band 2_RMC_9400_-Top Pwr On
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

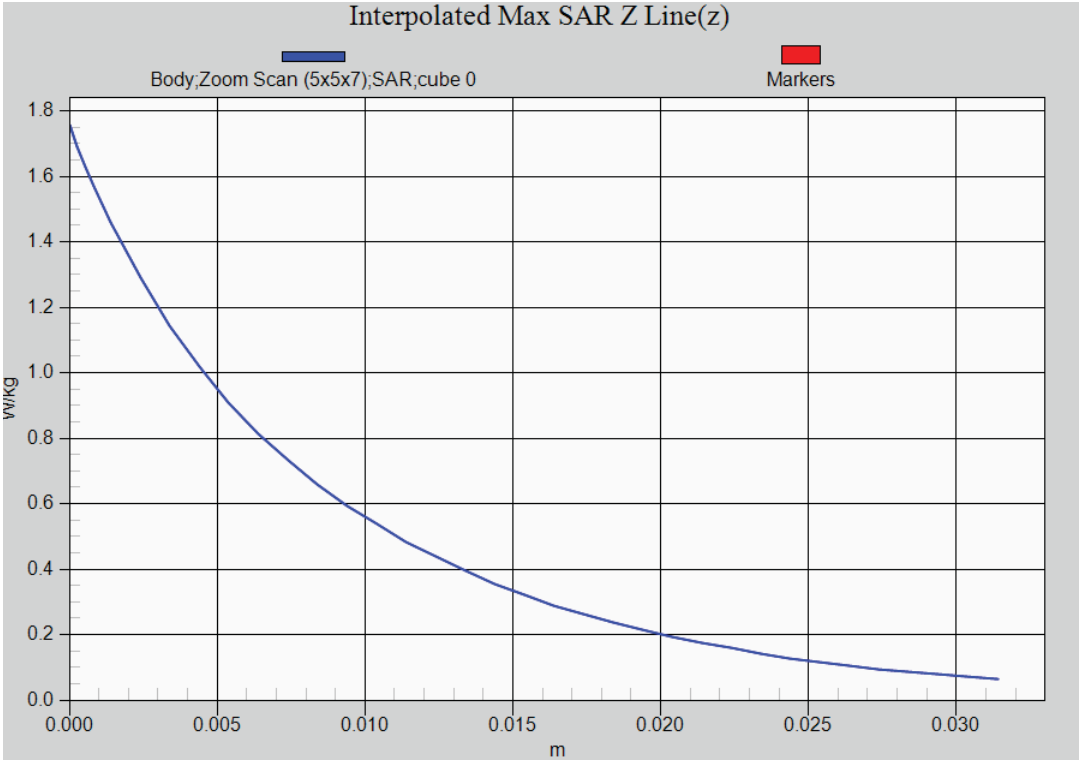
- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.811 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.22 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 0.990 W/kg



WCDMA RMC Band 2 EUT Back (0mm Pwr OFF) Z-Axis plot
Channel: 9262



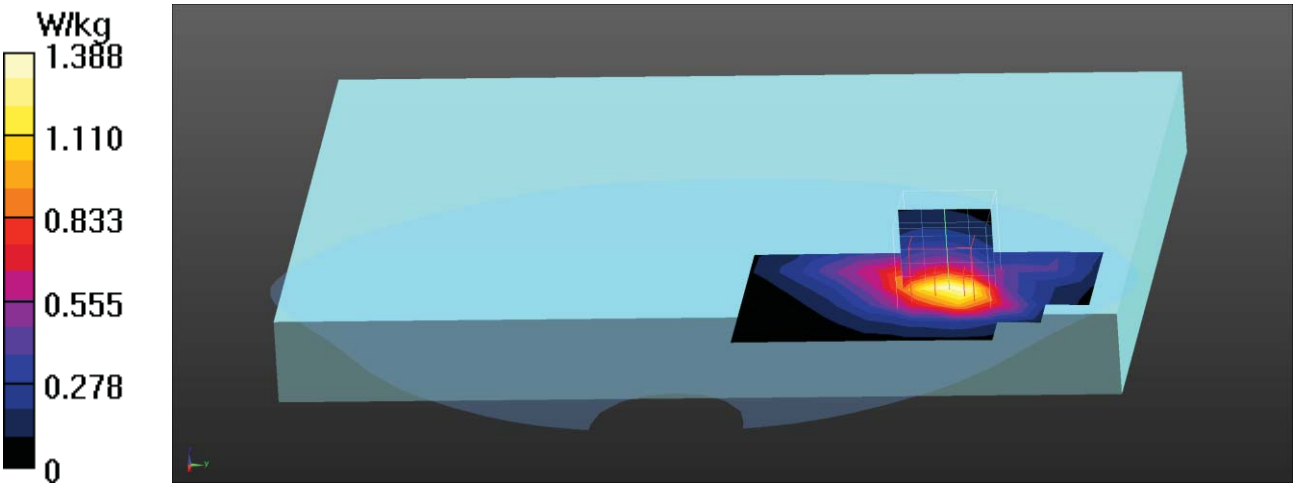
Test Laboratory: DEKRA Date/Time: 2020/04/18

WCDMA_Band 4_RMC_1312_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1712.4 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1712.4 MHz; σ = 1.33 S/m; ε_r = 41.12; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.39 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.126 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.557 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



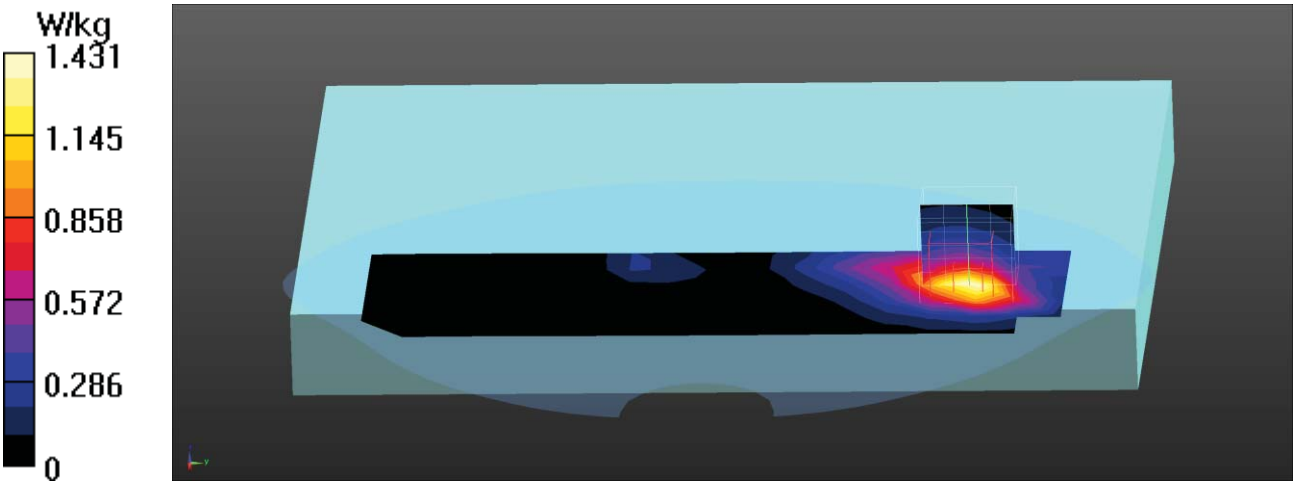
Test Laboratory: DEKRA Date/Time: 2020/04/18

WCDMA_Band 4_RMC_1413_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1732.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.6 MHz; σ = 1.35 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.645 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.581 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



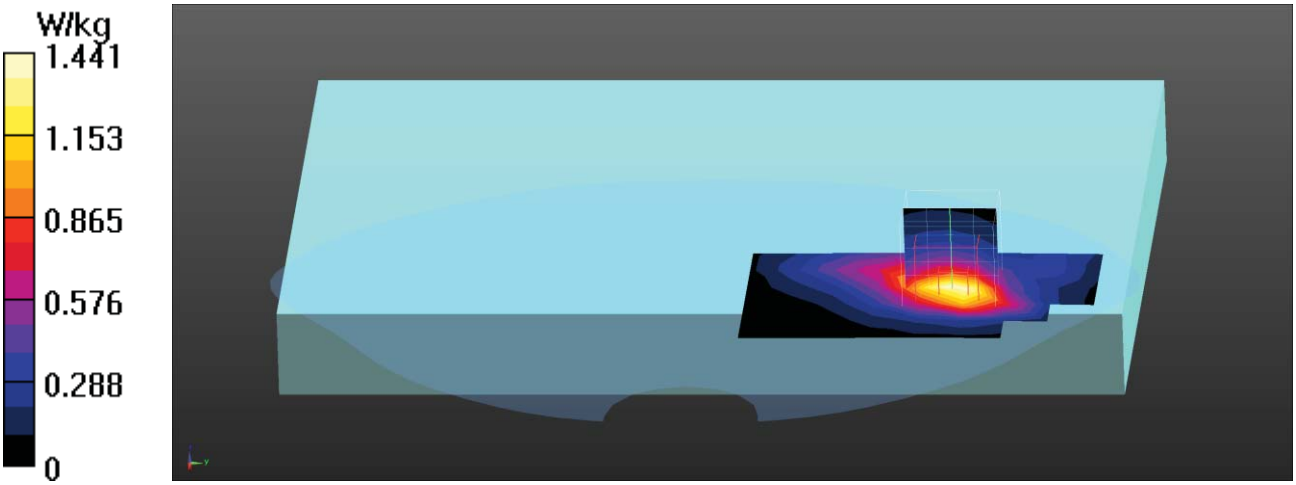
Test Laboratory: DEKRA Date/Time: 2020/04/18

WCDMA_Band 4_RMC_1513_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1752.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1752.6 MHz; σ = 1.38 S/m; ε_r = 40.57; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.44 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.183 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.579 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



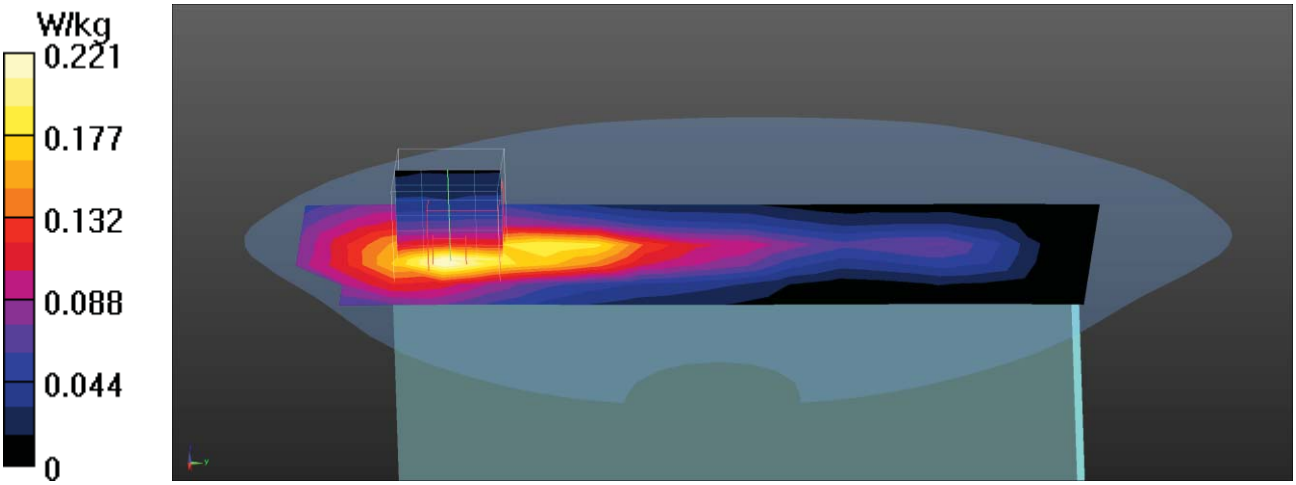
Test Laboratory: DEKRA Date/Time: 2020/04/18

WCDMA_Band 4_RMC_1413_-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1732.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.6 MHz; σ = 1.35 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.221 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.348 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.232 W/kg



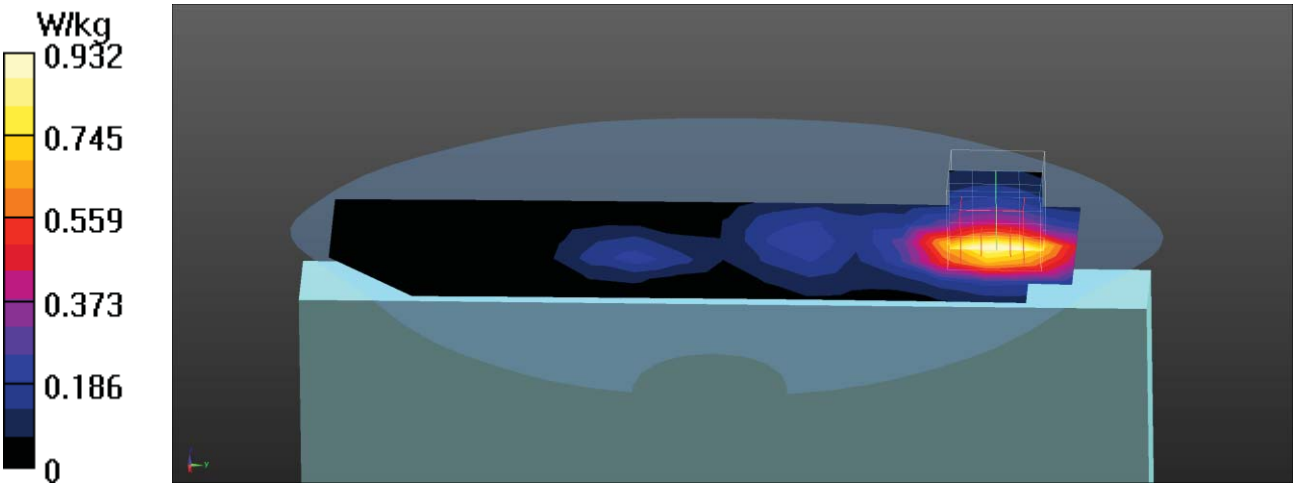
Test Laboratory: DEKRA Date/Time: 2020/04/18

WCDMA_Band 4_RMC_1413_-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1732.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.6 MHz; σ = 1.35 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.932 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.941 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



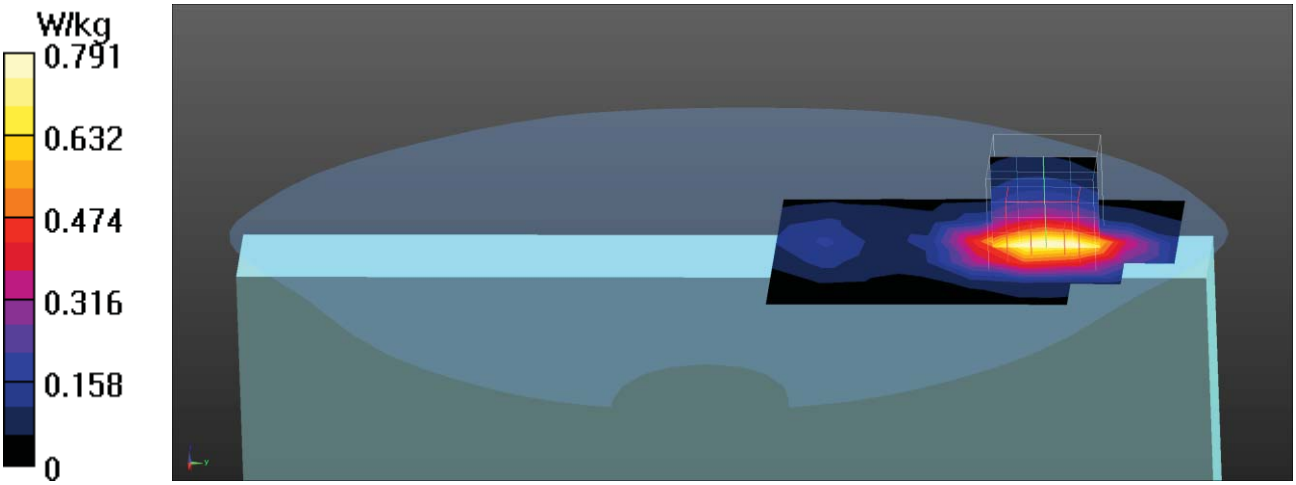
Test Laboratory: DEKRA Date/Time: 2020/04/18

WCDMA_Band 4_RMC_1413_-Top Pwr On
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1732.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.6 MHz; σ = 1.35 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

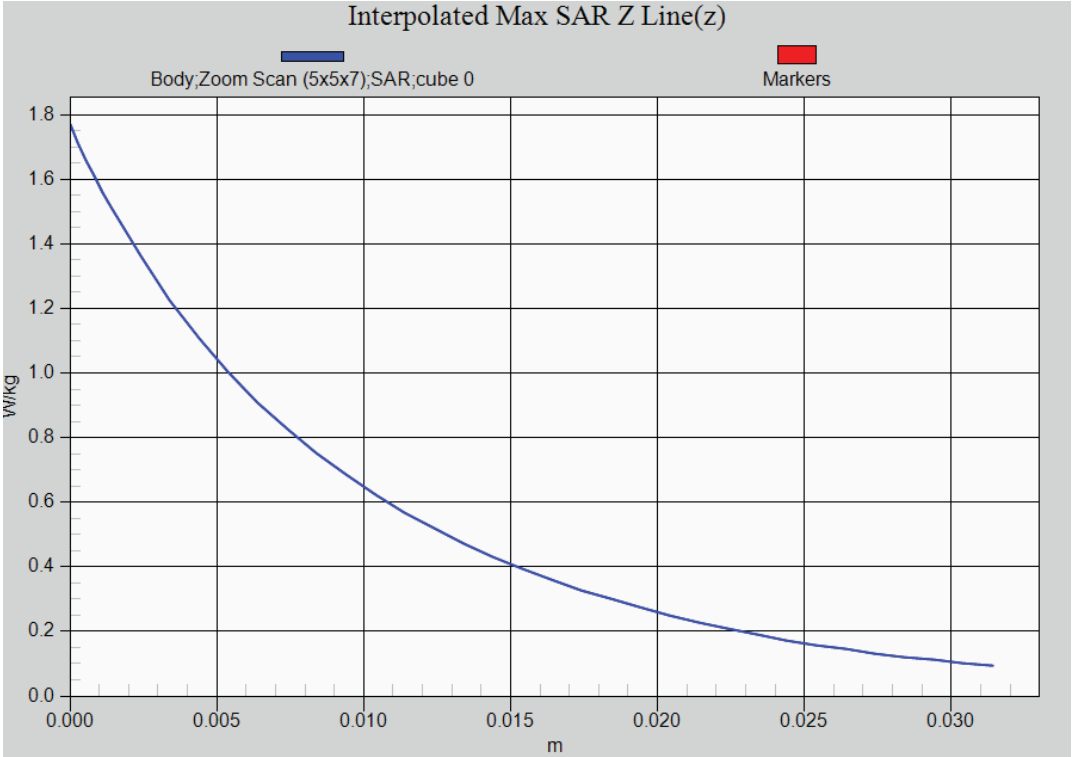
- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.791 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.554 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 0.915 W/kg



WCDMA RMC Band 4 EUT Back (0mm (Pwr OFF)) Z-Axis plot
Channel: 1413



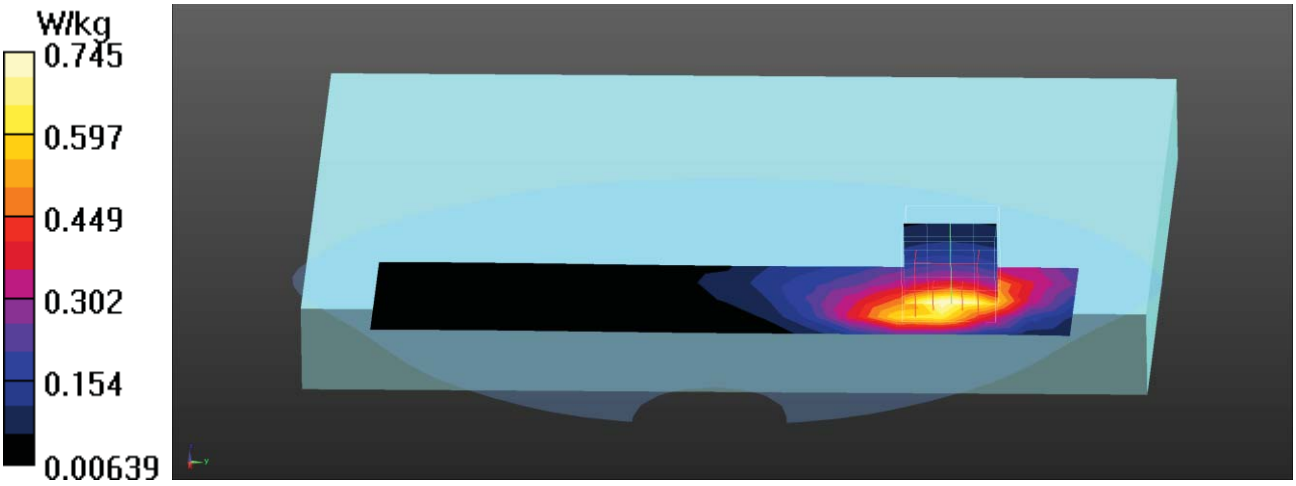
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4183_-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 836.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 41.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.745 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.849 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.953 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.810 W/kg



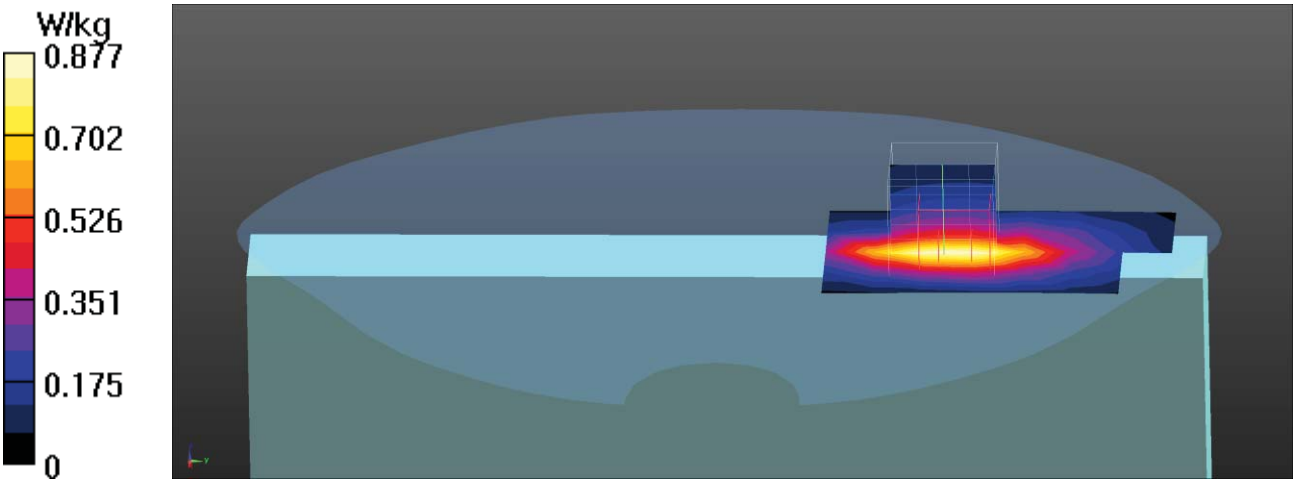
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4132_-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 826.4 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 826.4 MHz; σ = 0.9 S/m; ε_r = 41.77; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.877 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.24 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.379 W/kg
Maximum value of SAR (measured) = 0.916 W/kg



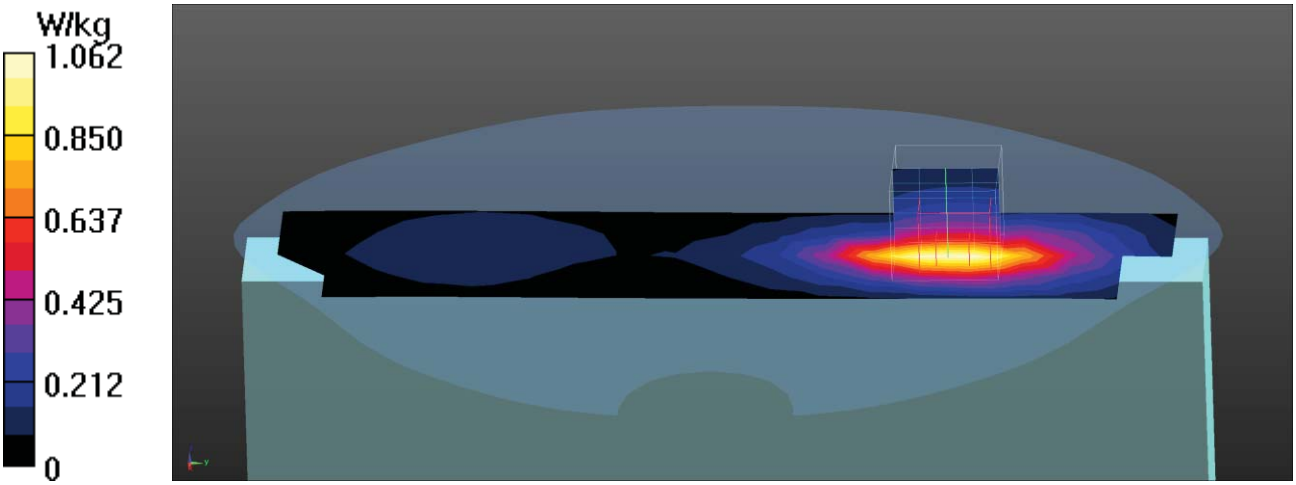
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4183_-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 836.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 41.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.06 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.454 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



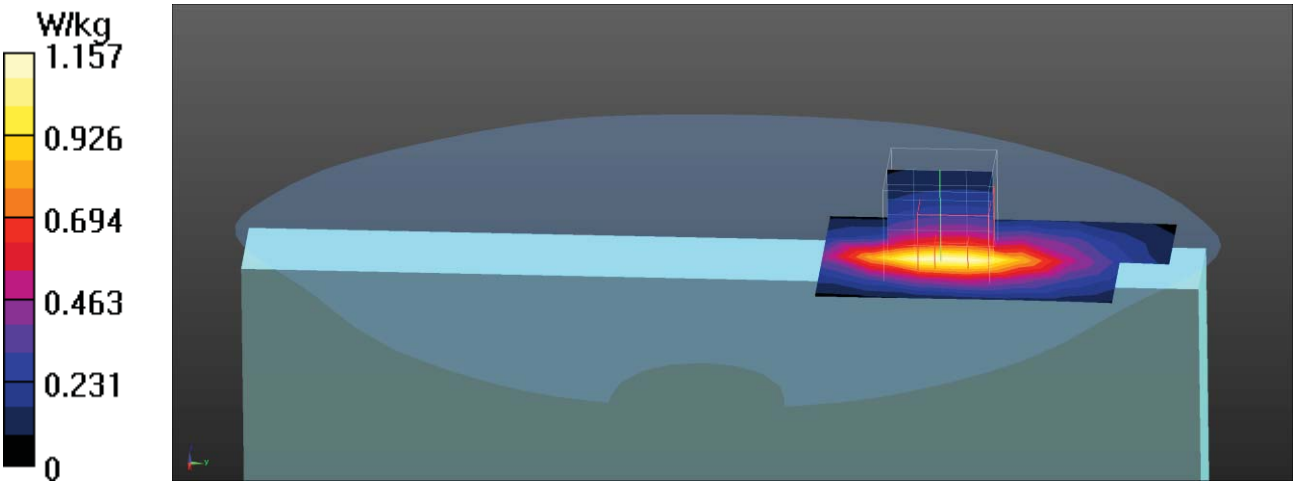
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4233_-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 846.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 846.6 MHz; σ = 0.91 S/m; ε_r = 41.53; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.16 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.41 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.497 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



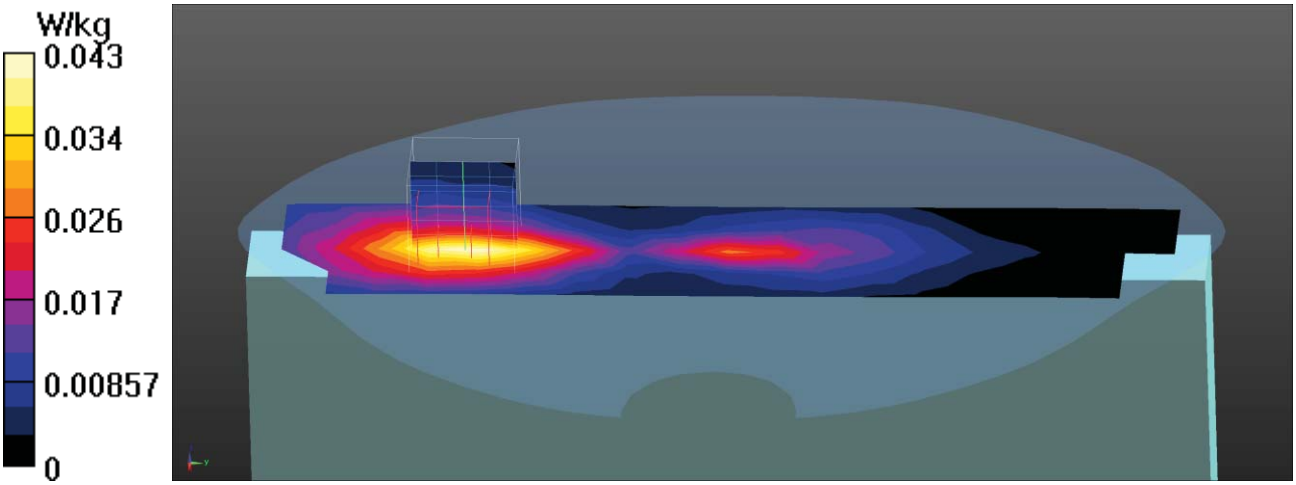
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4183_-Bottom Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 836.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 41.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0428 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.716 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0425 W/kg



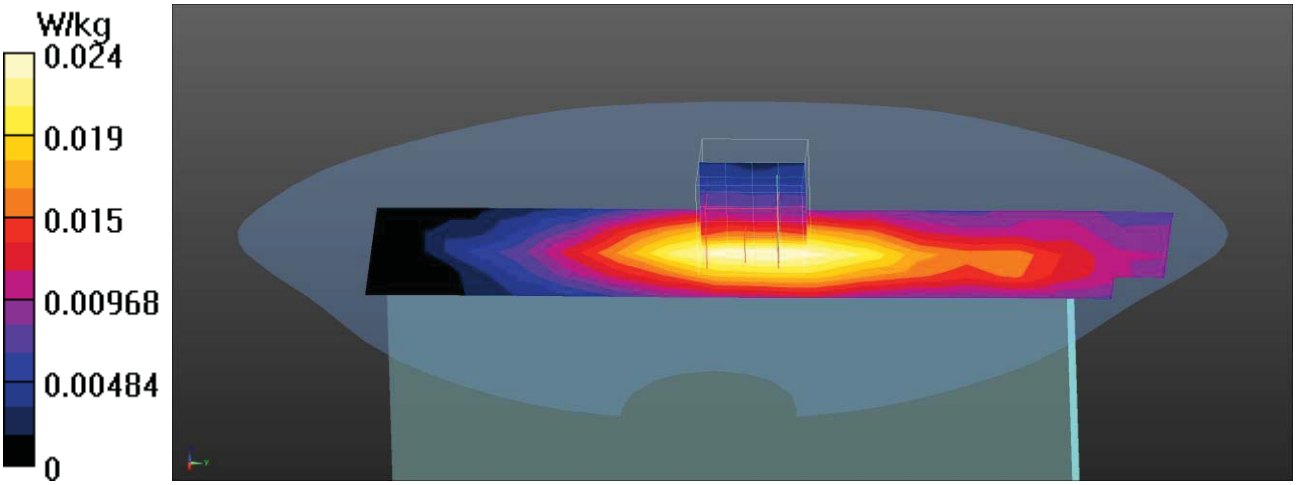
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4183_-Left-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 836.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 41.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0242 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.601 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0241 W/kg



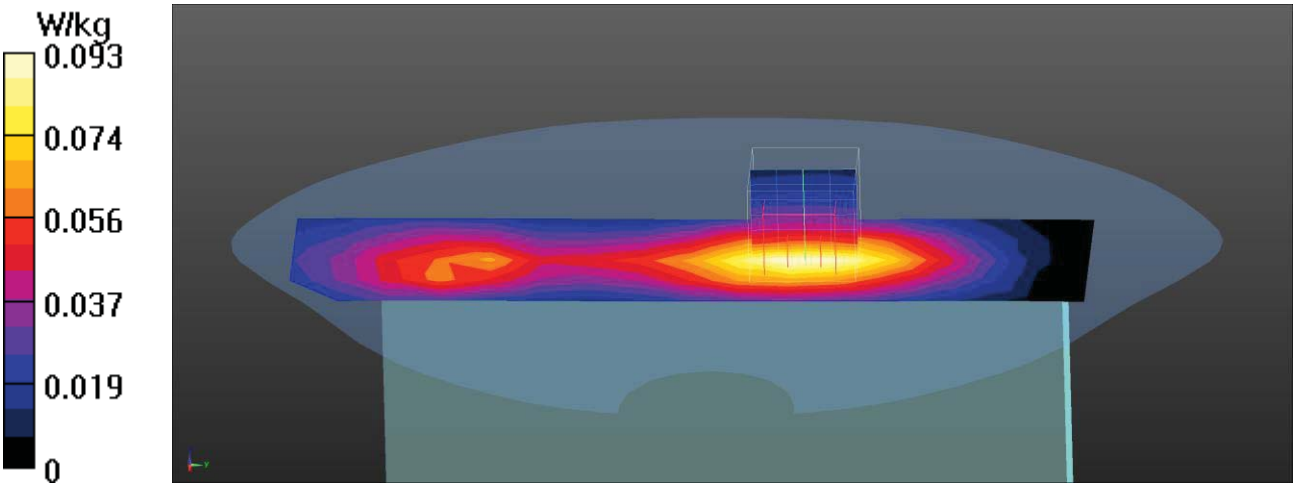
Test Laboratory: DEKRA Date/Time: 2020/04/11

WCDMA_Band 5_RMC_4183_-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC WCDMA_Band-5; Frequency: 836.6 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 41.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

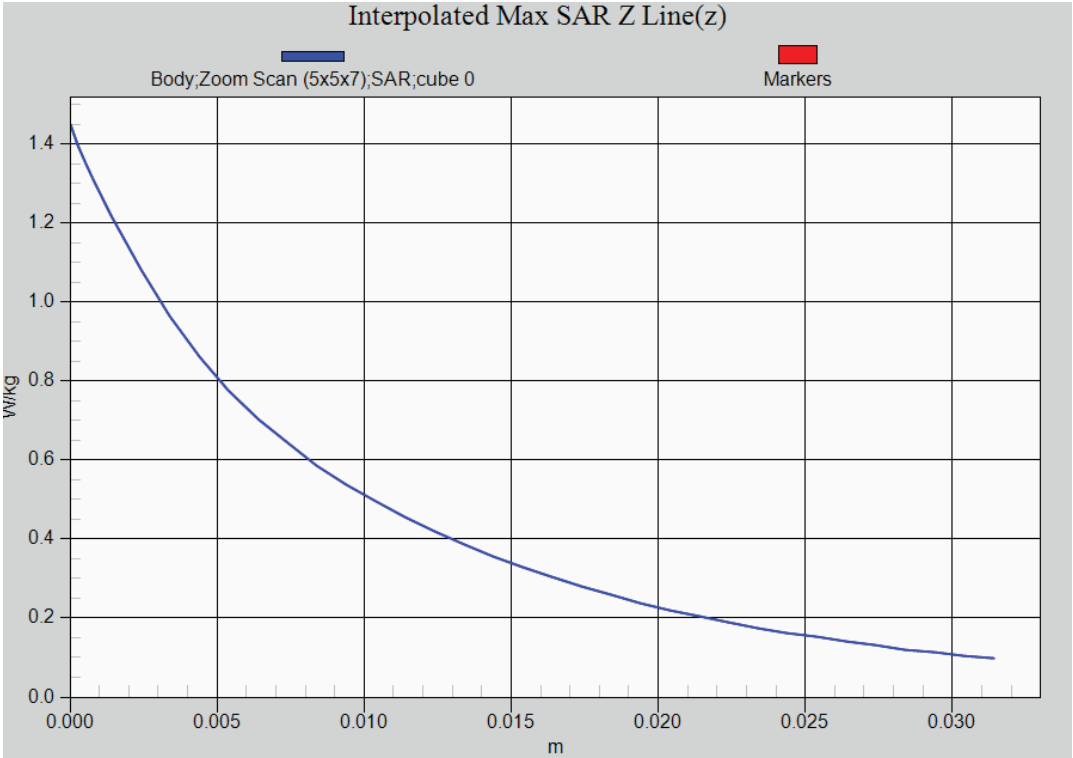
- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0930 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.309 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.0928 W/kg



WCDMA RMC Band 5 EUT Top (0mm (Pwr OFF)) Z-Axis plot
Channel: 4233



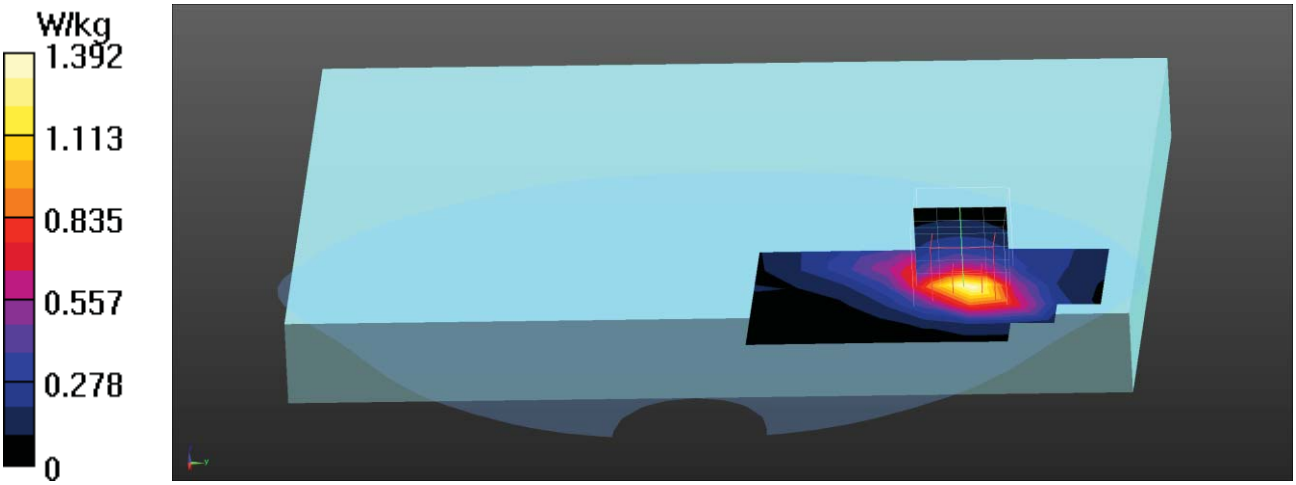
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18700_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1860 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1860 MHz; σ = 1.36 S/m; ε_r = 41.12; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.39 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.131 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.526 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



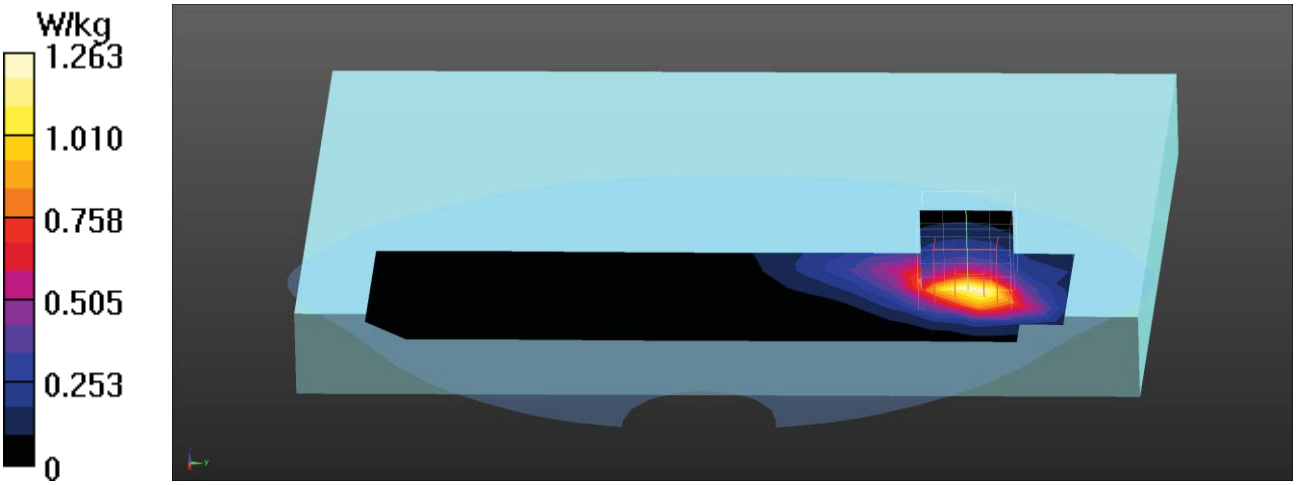
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18900_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.26 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.766 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



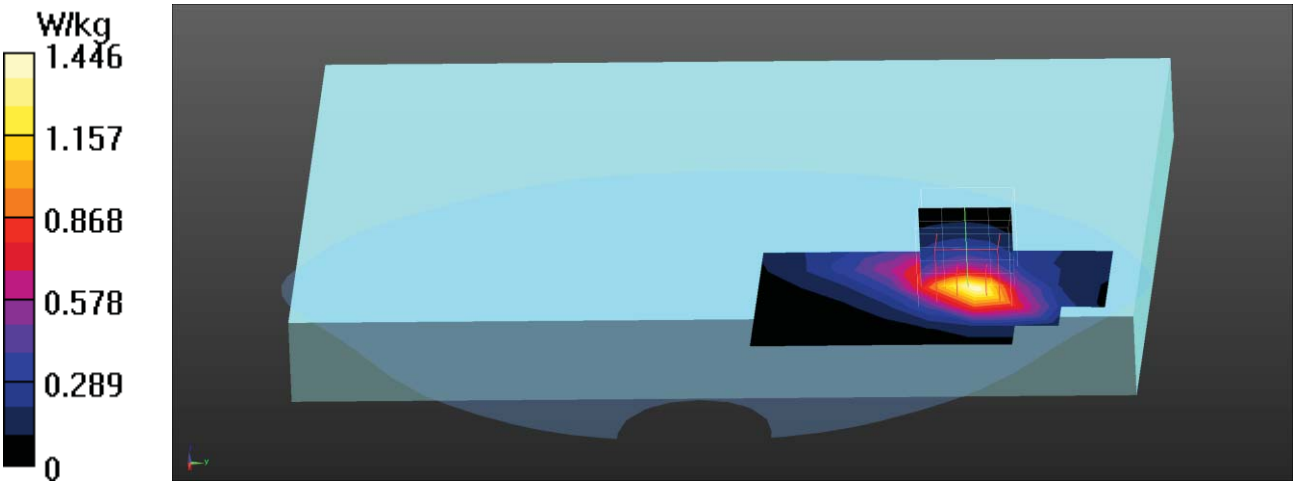
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_19100_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1900 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1900 MHz; σ = 1.39 S/m; ε_r = 40.79; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.45 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.928 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.535 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



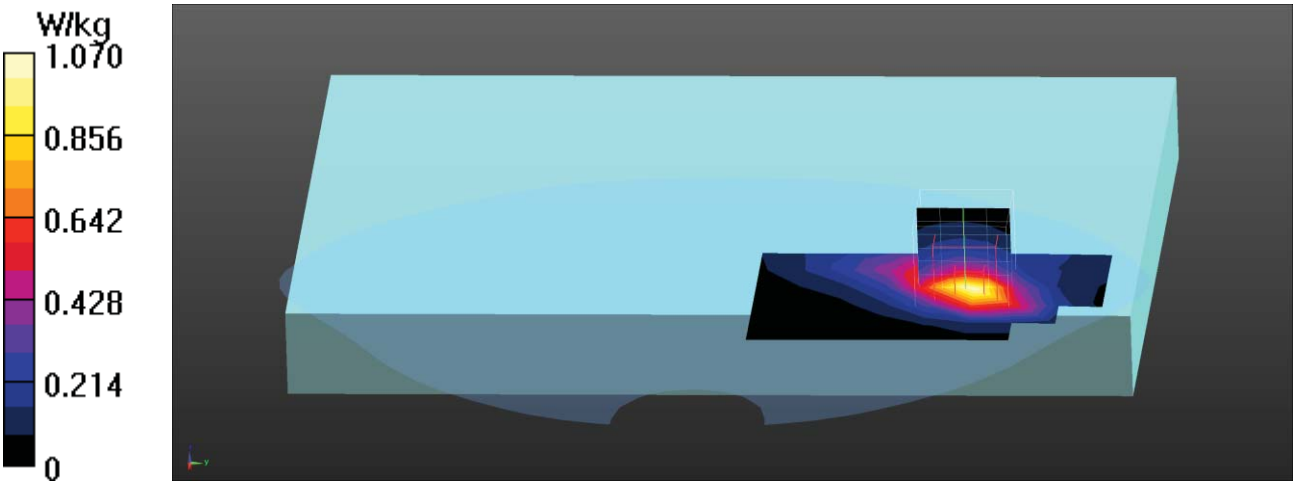
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18900_50RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.283 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.387 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



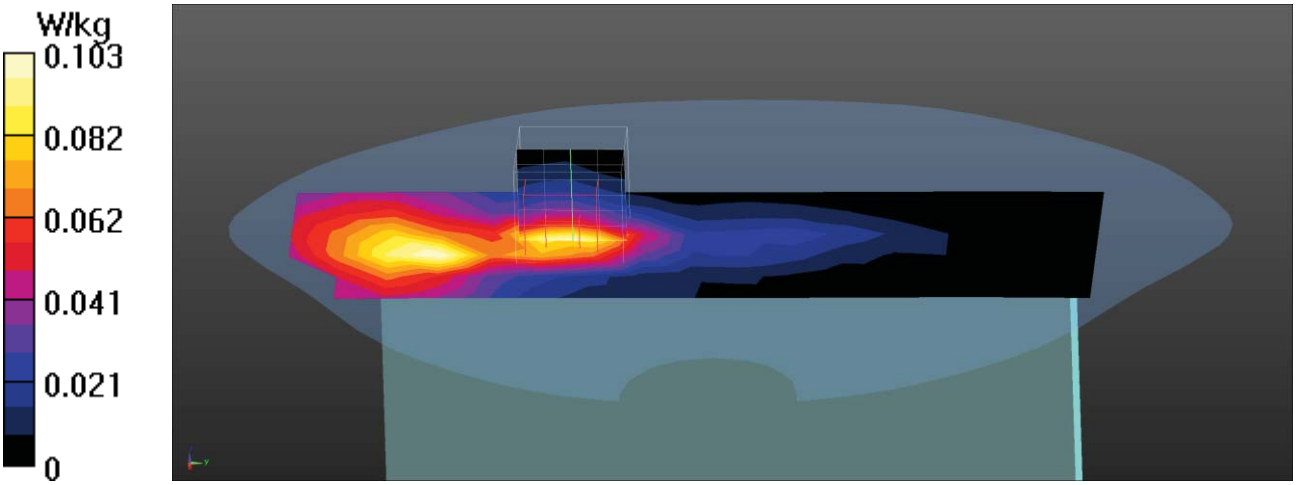
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18900_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.103 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.689 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



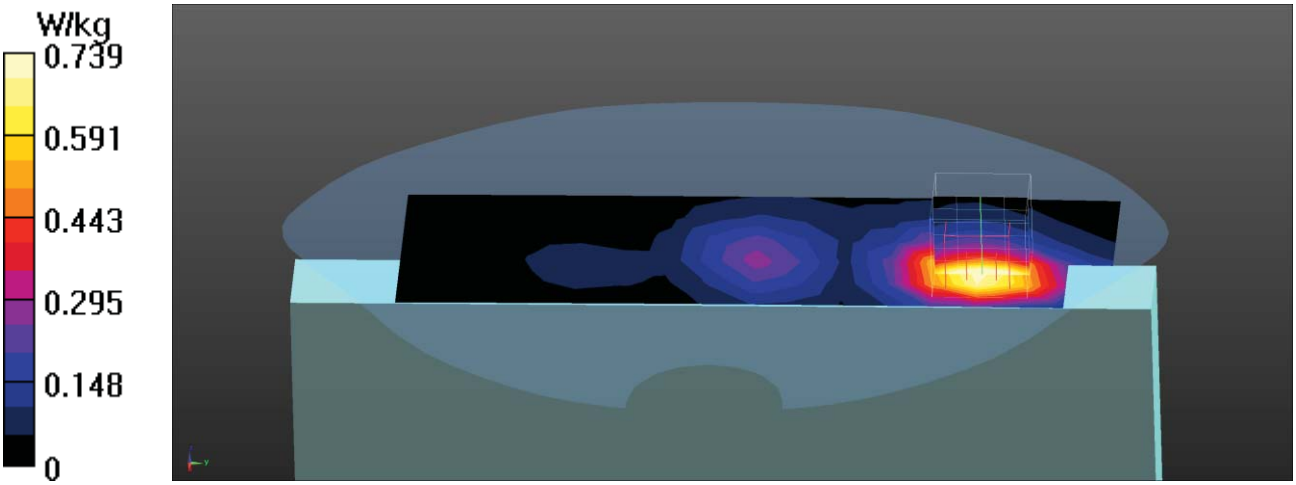
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18900_1RB-0-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.739 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.63 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 0.860 W/kg



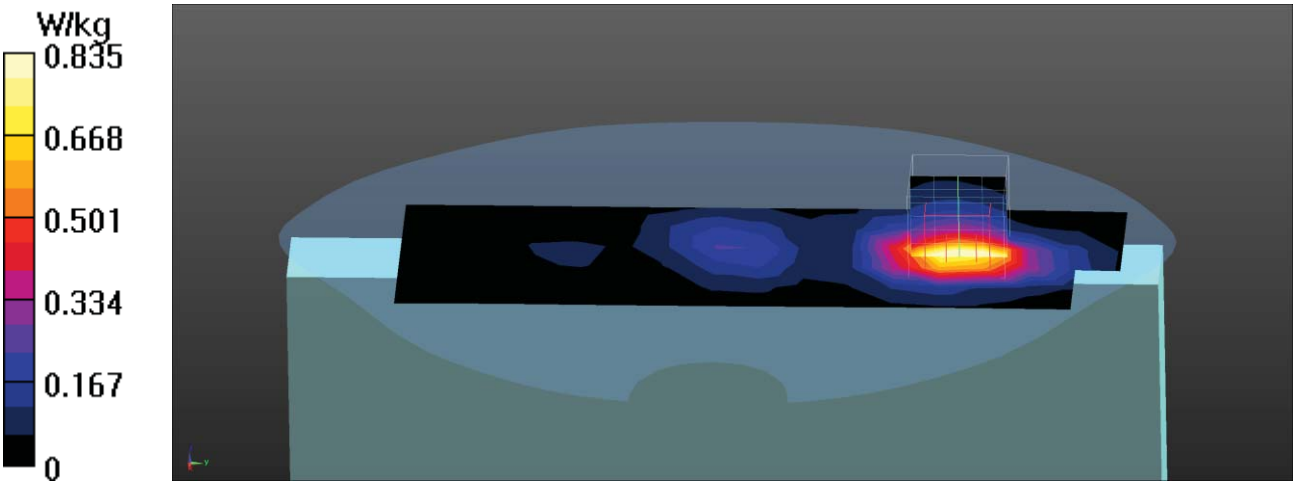
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18900_1RB-0-Top Pwr On
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.835 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.72 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



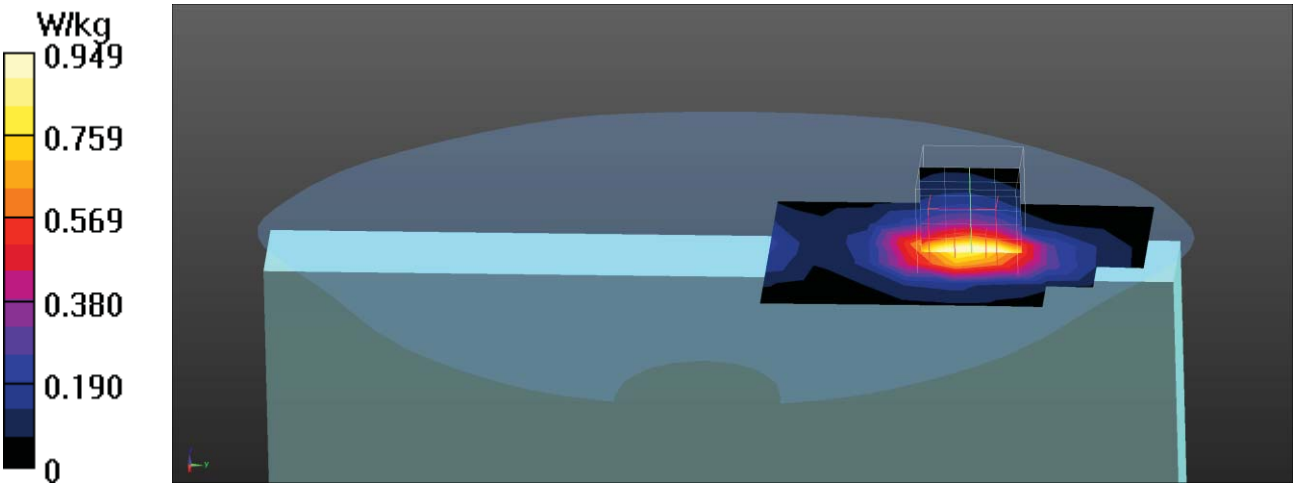
Test Laboratory: DEKRA Date/Time: 2020/04/17

LTE_Band 2_QPSK_20M_18900_50RB-0-Top Pwr On
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band2; Frequency: 1880 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1880 MHz; σ = 1.37 S/m; ε_r = 40.93; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.6, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

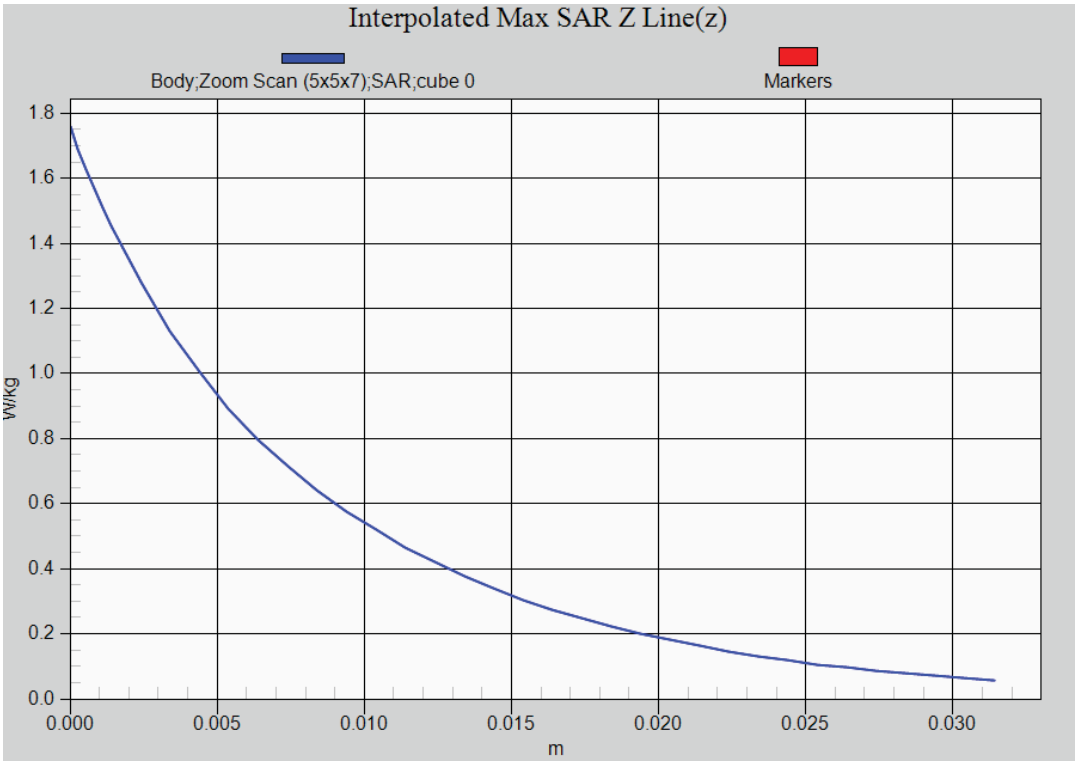
- Probe: EX3DV4 - SN3698; ConvF(7.59, 7.59, 7.59); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.949 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.05 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.312 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



LTE Band 2 QPSK 1RB EUT Back (Pwr OFF) Z-Axis plot
Channel: 19100



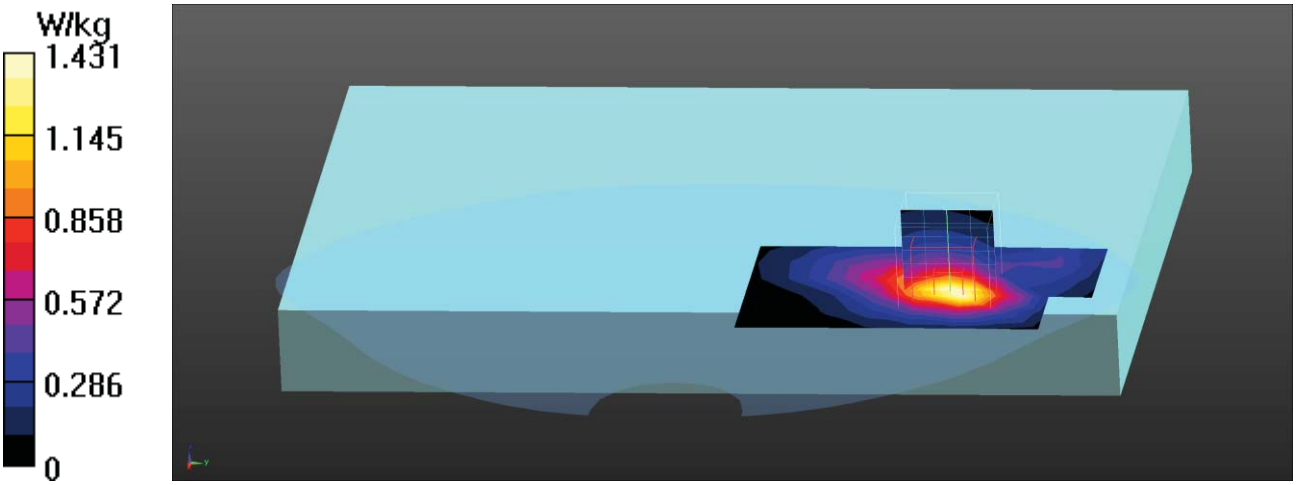
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20050_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1720 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1720 MHz; σ = 1.34 S/m; ε_r = 40.97; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.194 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.531 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



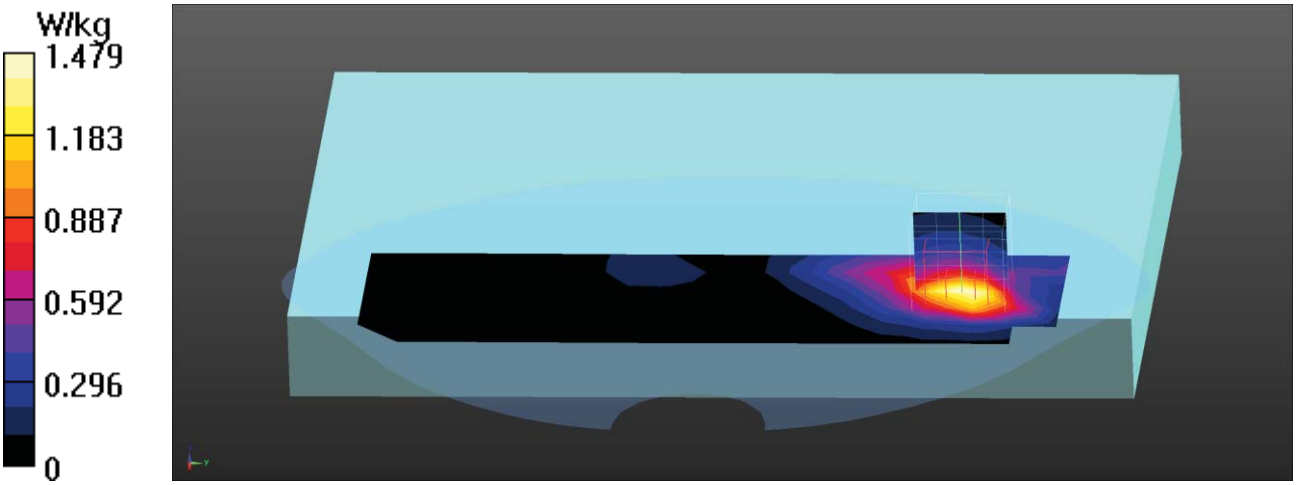
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20175_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1732.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.5 MHz; σ = 1.35 S/m; ε_r = 40.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.48 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.479 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.619 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



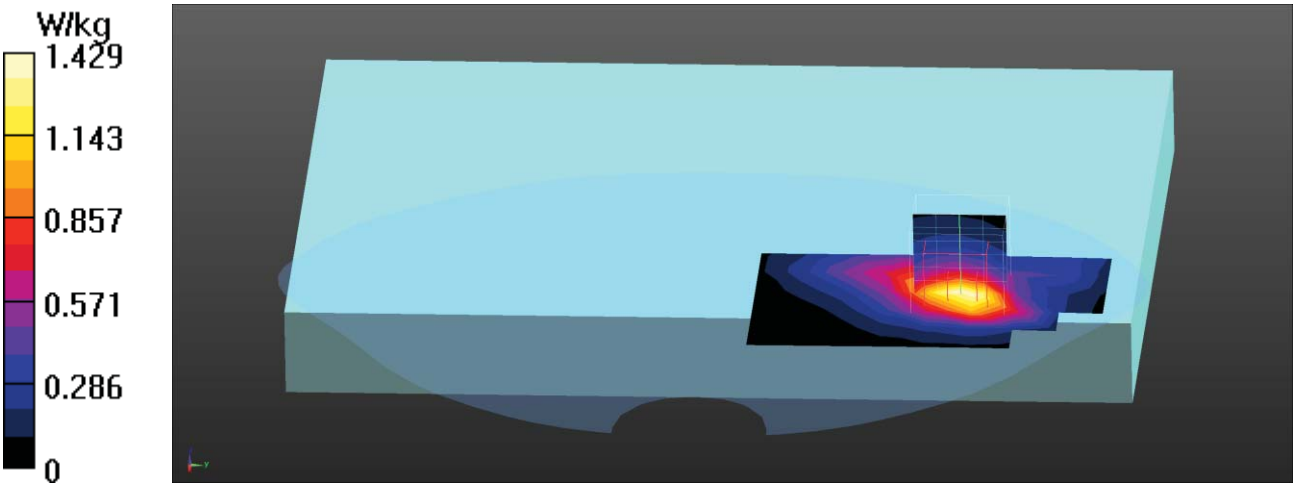
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20300_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1745 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1745 MHz; σ = 1.37 S/m; ε_r = 40.74; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.961 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 1.52 W/kg



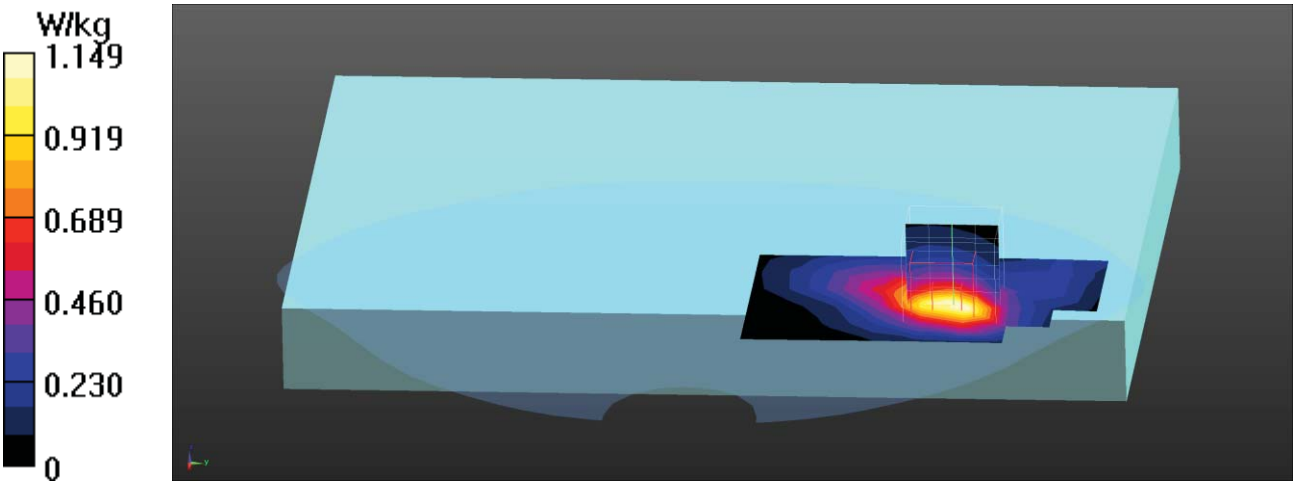
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20175_50RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1732.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.5 MHz; σ = 1.35 S/m; ε_r = 40.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.207 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.482 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



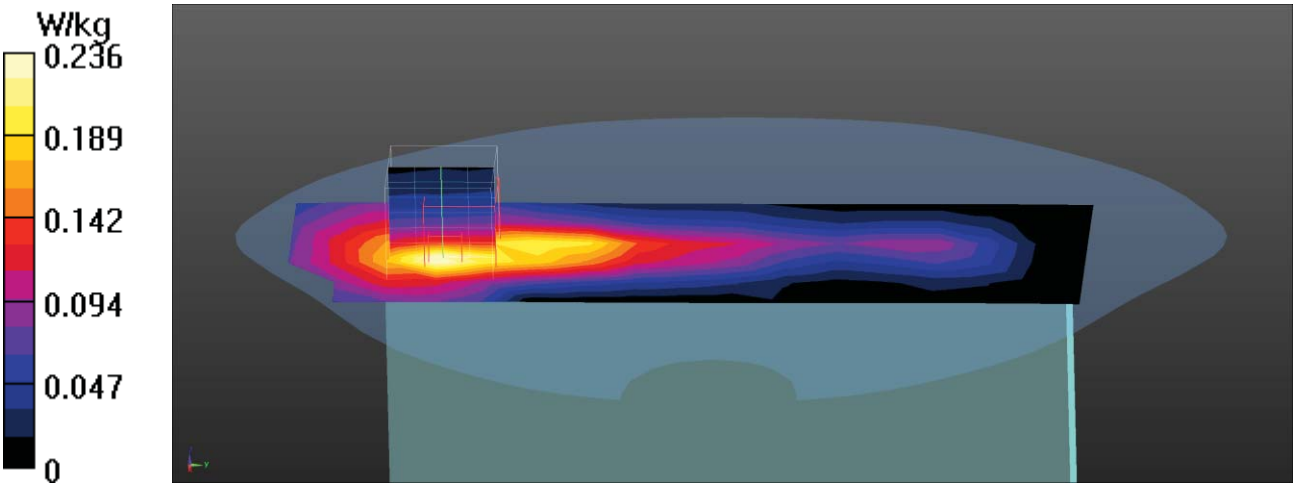
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20175_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1732.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.5 MHz; σ = 1.35 S/m; ε_r = 40.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.236 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.912 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



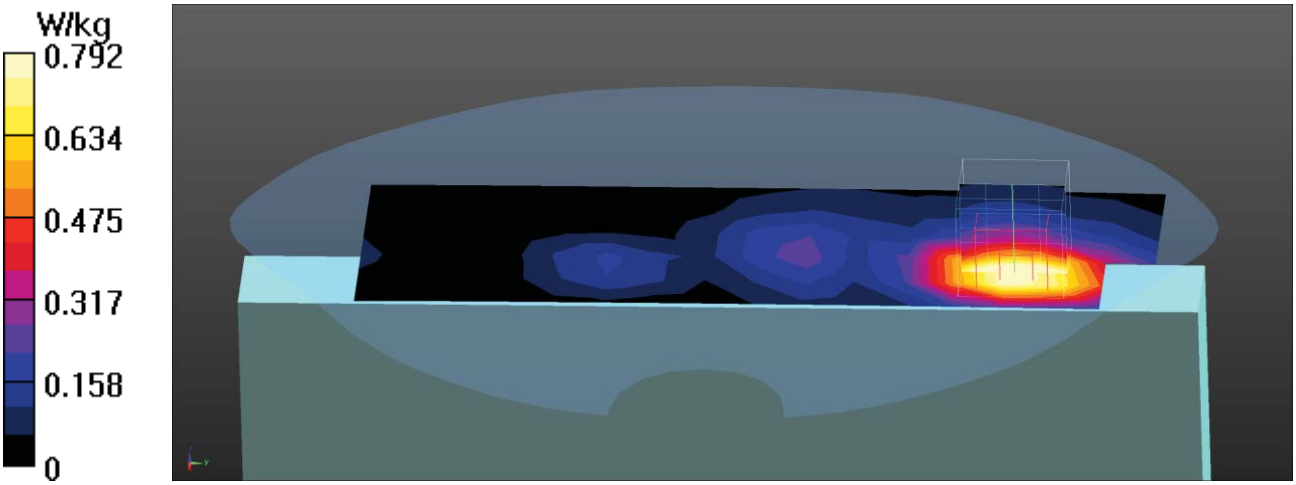
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20175_1RB-0-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1732.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.5 MHz; σ = 1.35 S/m; ε_r = 40.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.792 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.587 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.409 W/kg
Maximum value of SAR (measured) = 0.963 W/kg



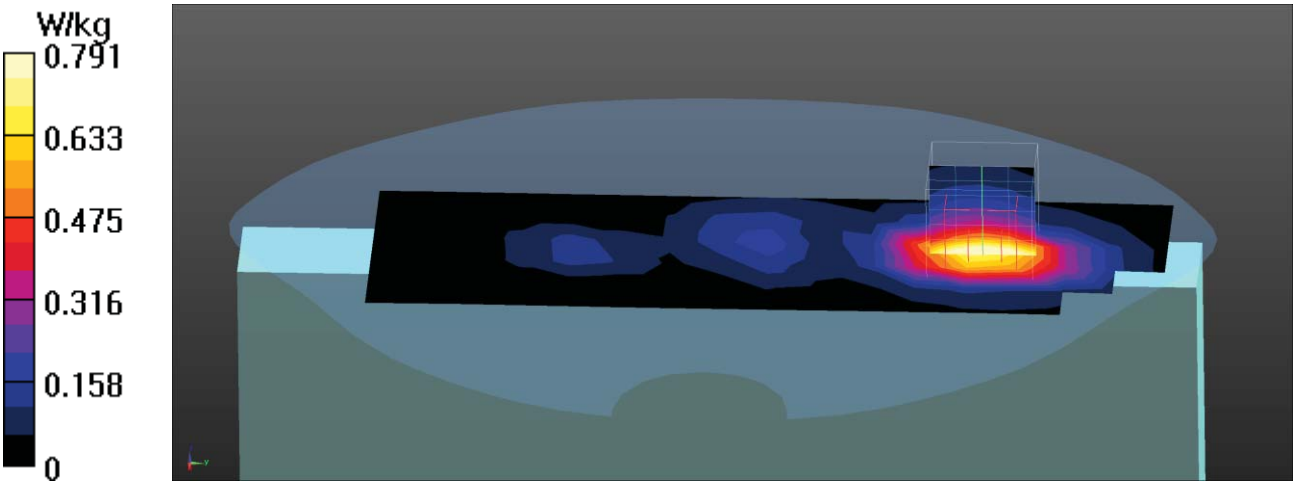
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20175_1RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1732.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.5 MHz; σ = 1.35 S/m; ε_r = 40.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.791 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.05 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.375 W/kg
Maximum value of SAR (measured) = 0.967 W/kg



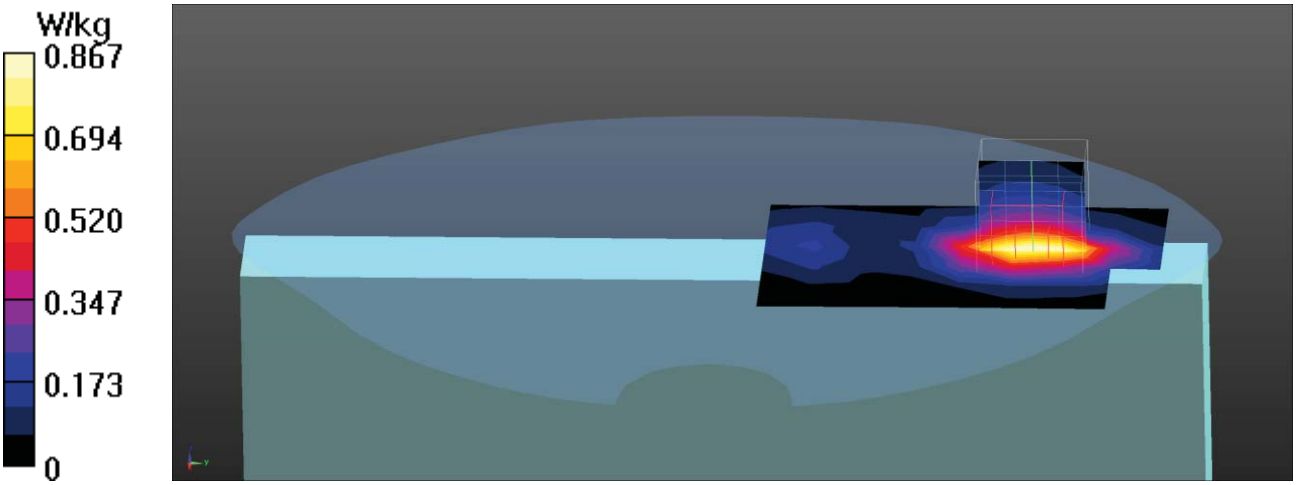
Test Laboratory: DEKRA Date/Time: 2020/04/18

LTE_Band 4_QPSK_20M_20175_50RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band4; Frequency: 1732.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 1732.5 MHz; σ = 1.35 S/m; ε_r = 40.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.4, Liquid Temperature (°C) : 22.3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

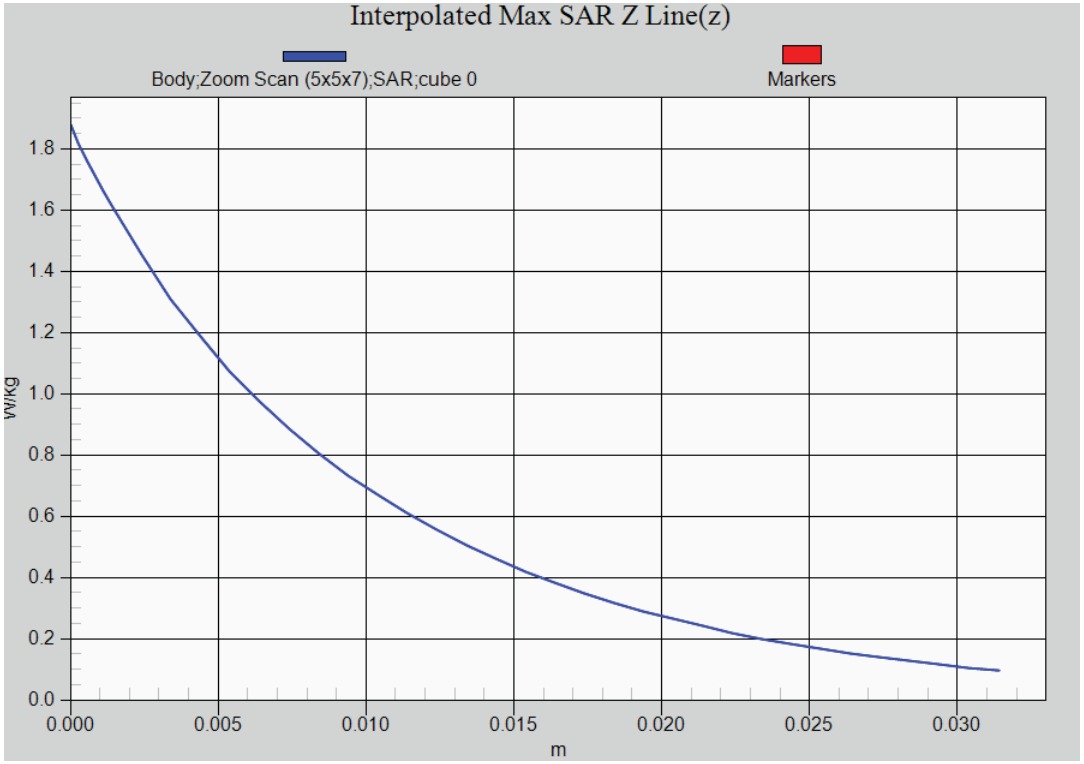
- Probe: EX3DV4 - SN3698; ConvF(7.92, 7.92, 7.92); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.867 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.555 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.379 W/kg
Maximum value of SAR (measured) = 0.969 W/kg



LTE Band 4 QPSK 1RB EUT Back (Pwr OFF) Z-Axis plot
Channel: 20175



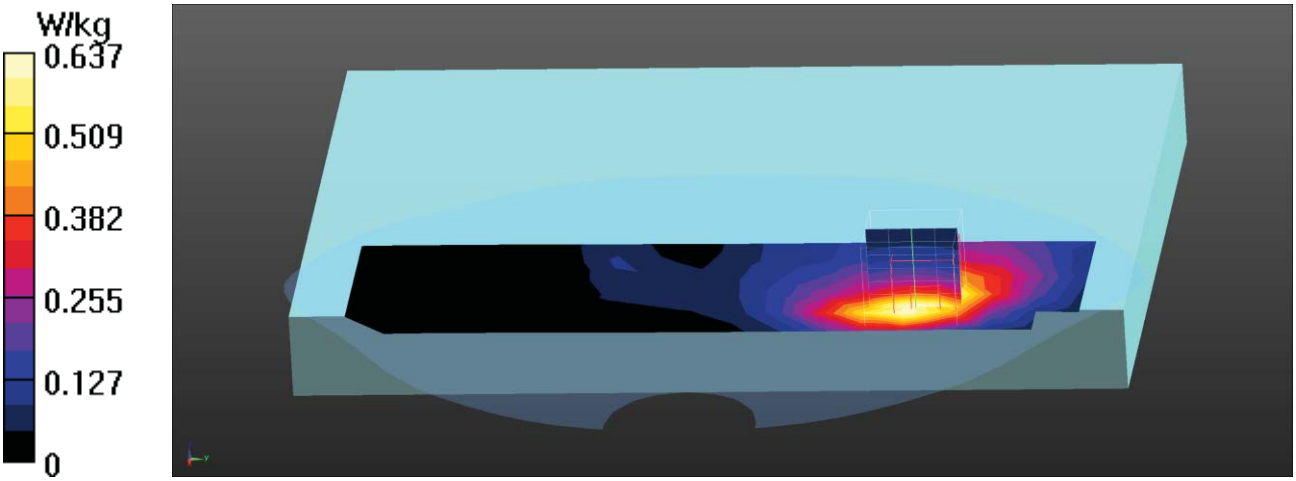
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20525_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 836.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 41.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.637 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.111 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.804 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.674 W/kg



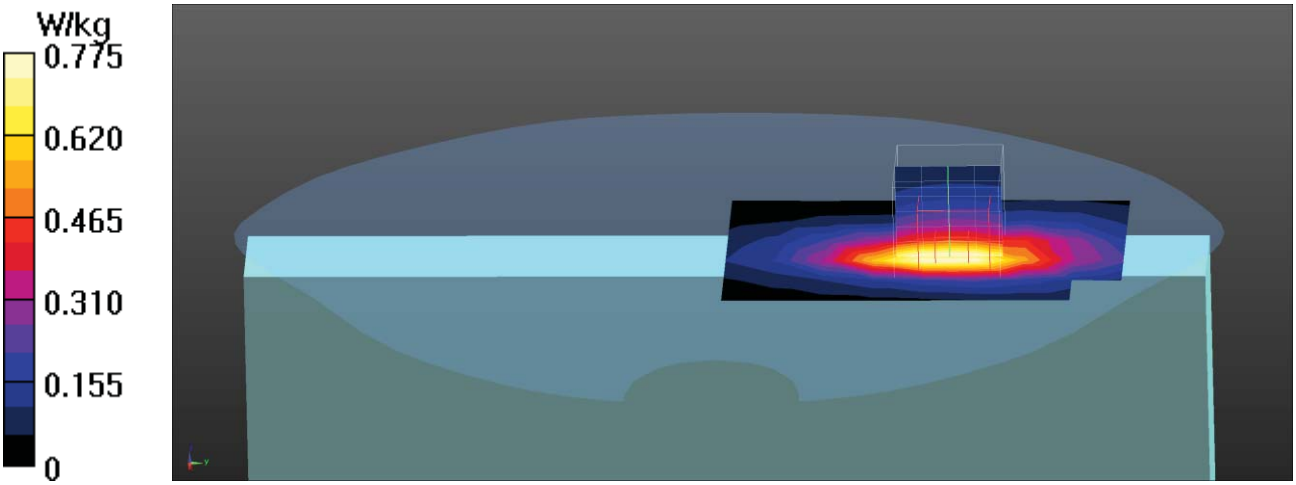
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20450_1RB-25-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 829 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 829 MHz; σ = 0.9 S/m; ε_r = 41.73; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.775 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.50 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.340 W/kg
Maximum value of SAR (measured) = 0.820 W/kg



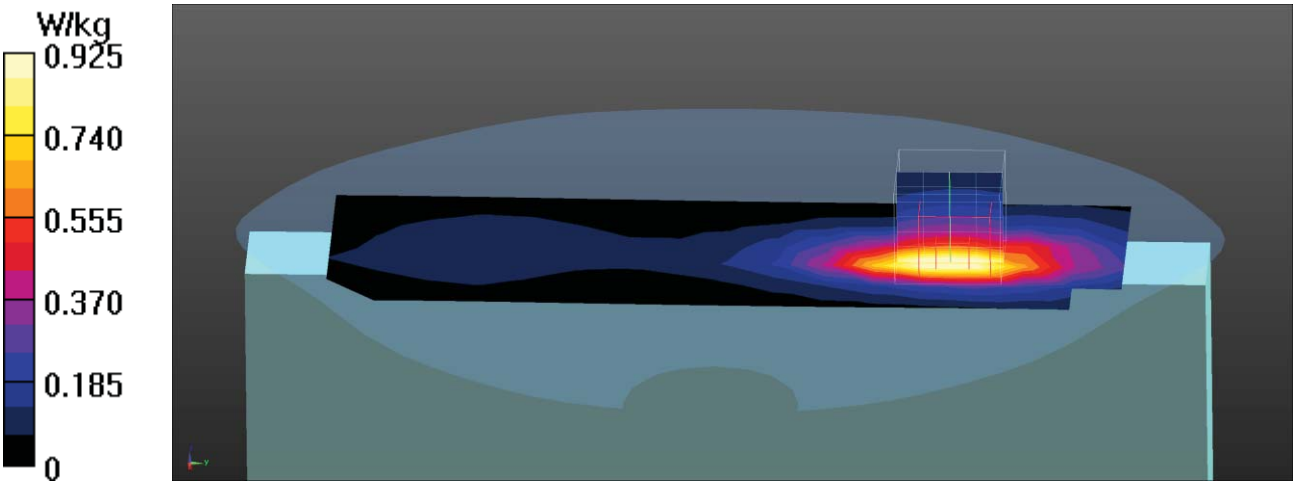
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20525_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 836.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 41.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.925 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.55 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.411 W/kg
Maximum value of SAR (measured) = 0.990 W/kg



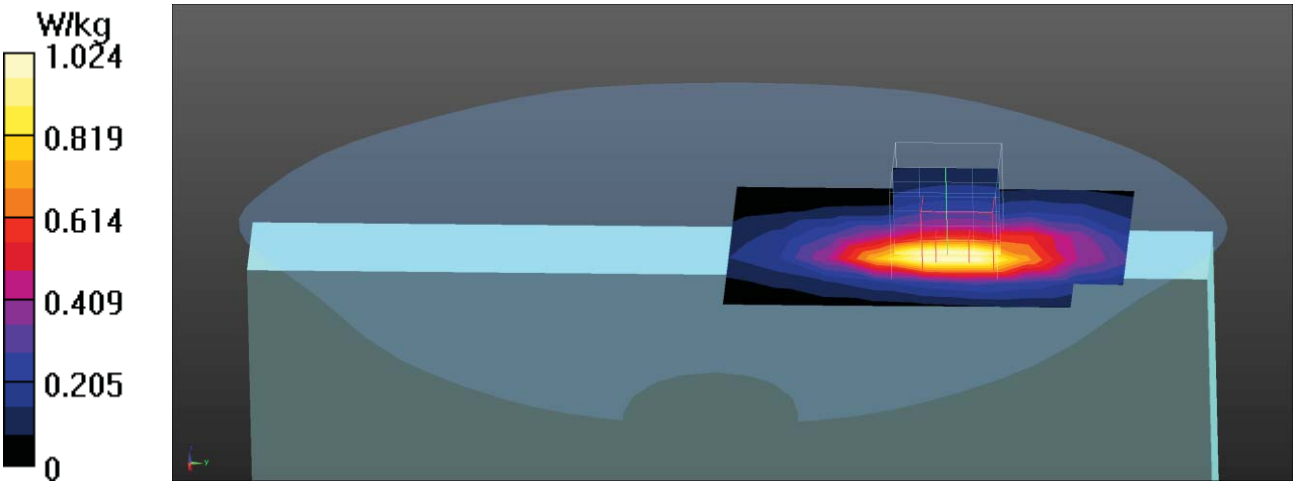
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20600_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 844 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 844 MHz; σ = 0.91 S/m; ε_r = 41.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.92 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.453 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



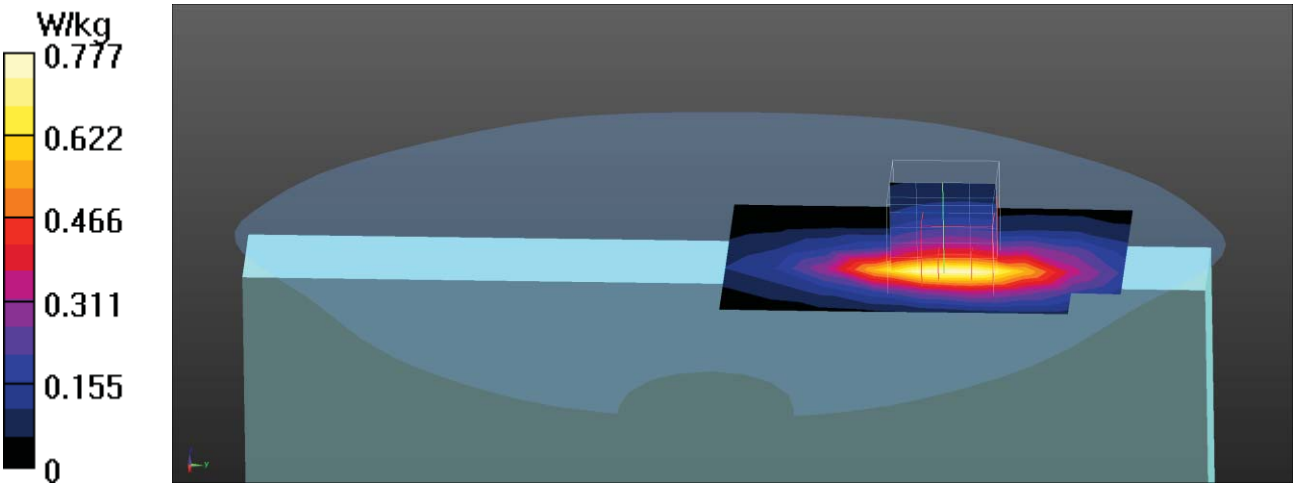
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20525_25RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 836.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 41.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.777 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.538 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.956 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.333 W/kg
Maximum value of SAR (measured) = 0.803 W/kg



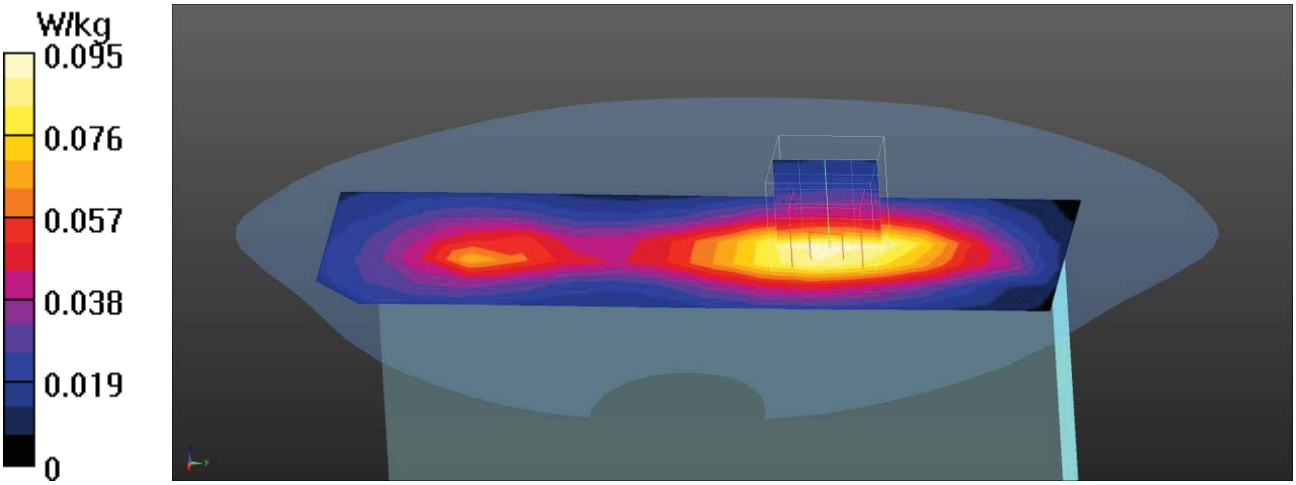
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20525_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 836.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 41.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0946 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.193 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.0995 W/kg



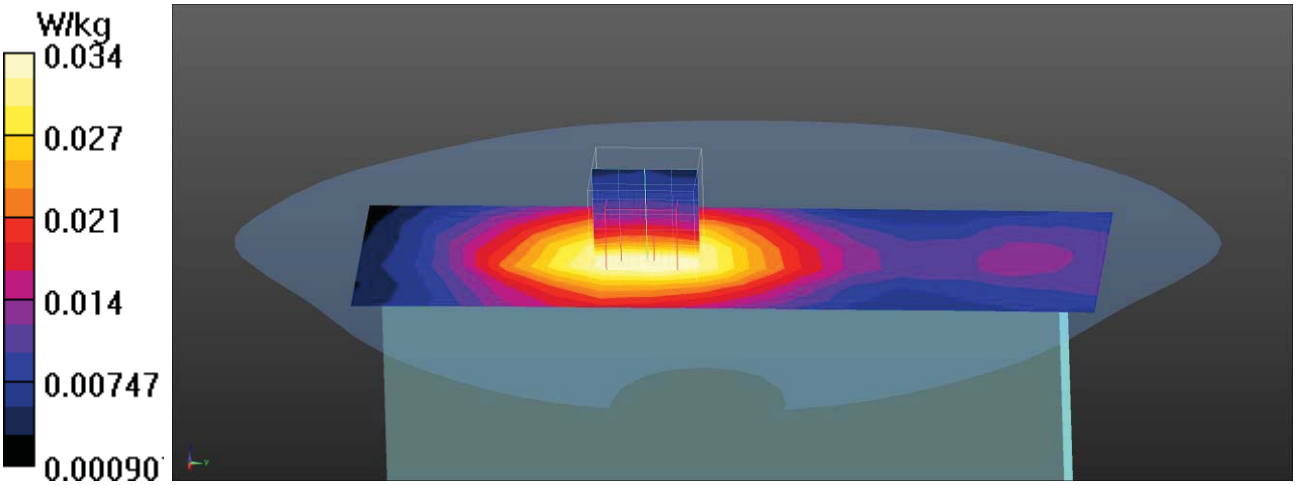
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20525_1RB-0-Left-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 836.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 41.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0337 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.296 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0400 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0349 W/kg



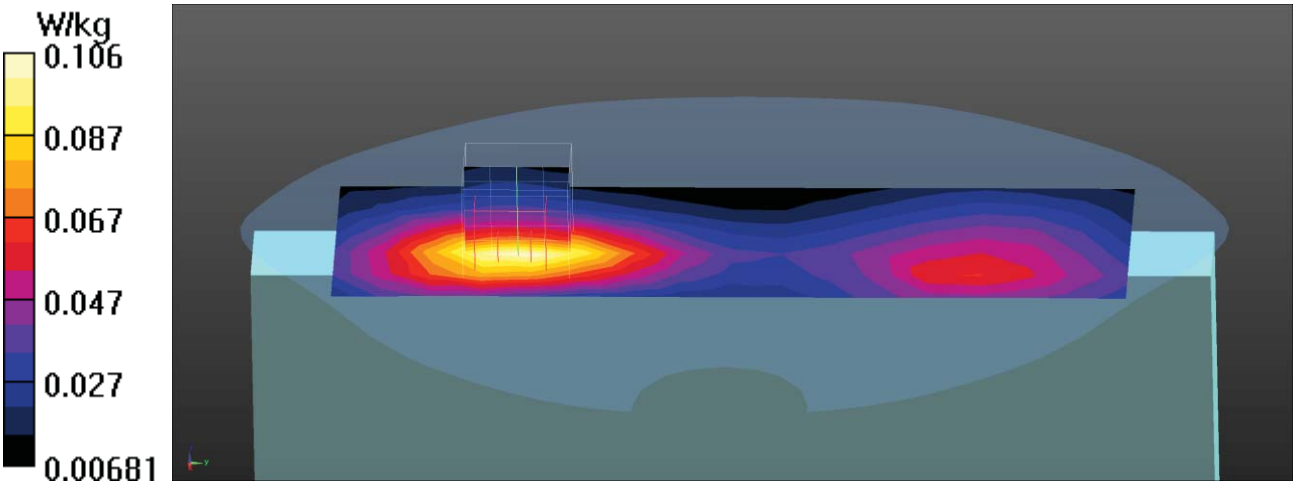
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 5_QPSK_10M_20525_1RB-0-Bottom Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band5; Frequency: 836.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 41.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

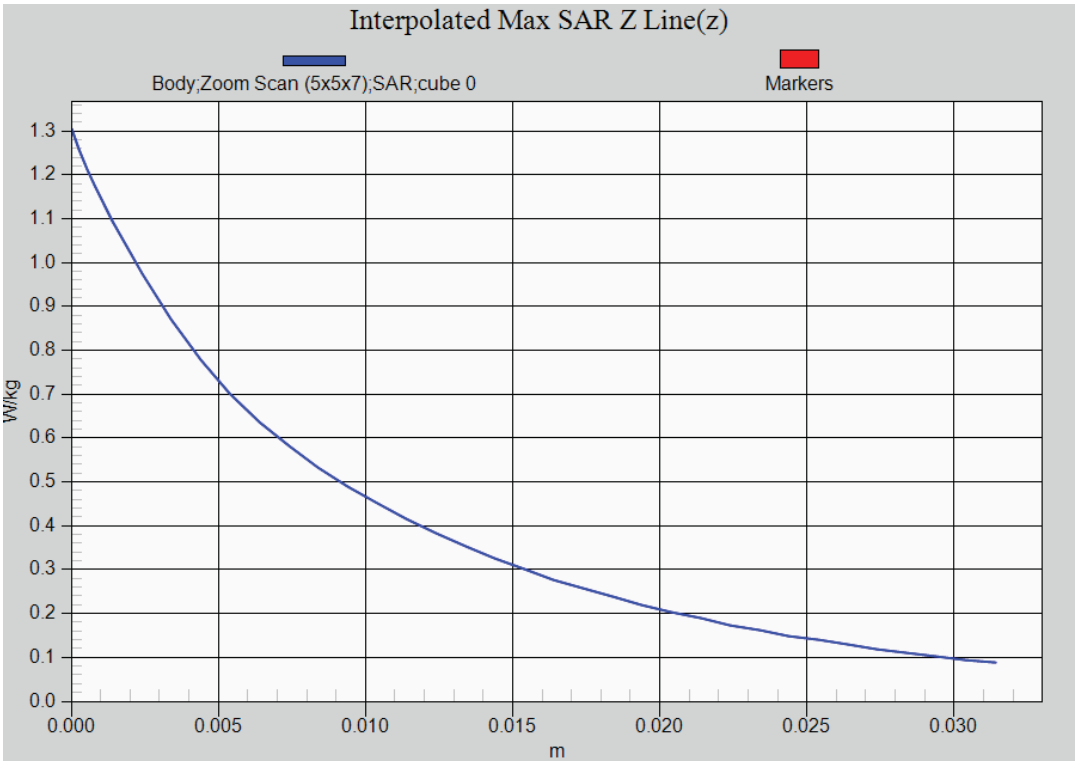
- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.106 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.766 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.108 W/kg



LTE Band 5 QPSK 1RB EUT Top Z-Axis plot
Channel: 20600



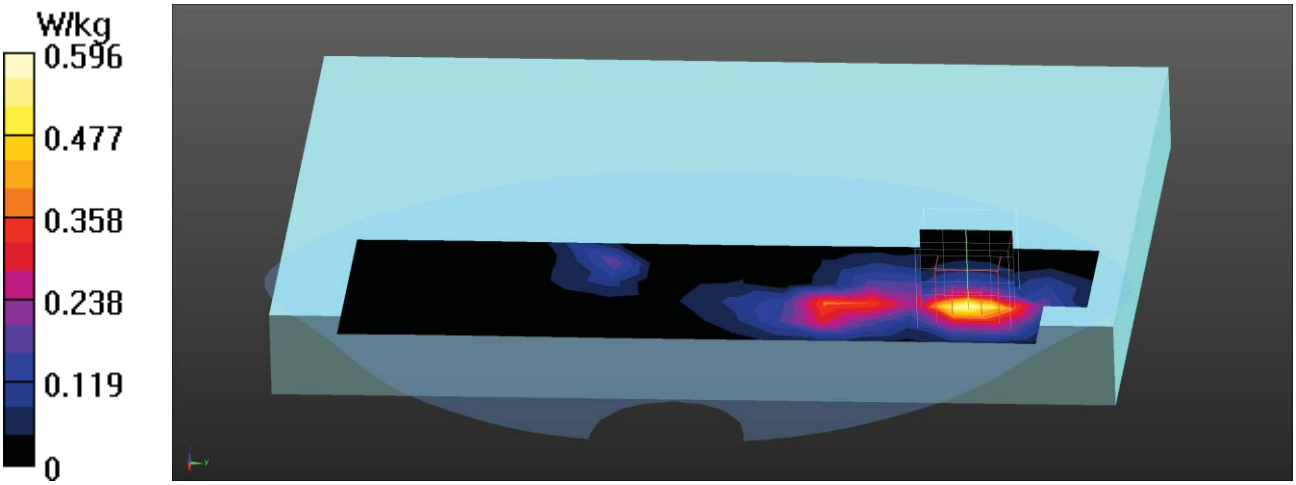
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.596 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.858 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.799 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.638 W/kg



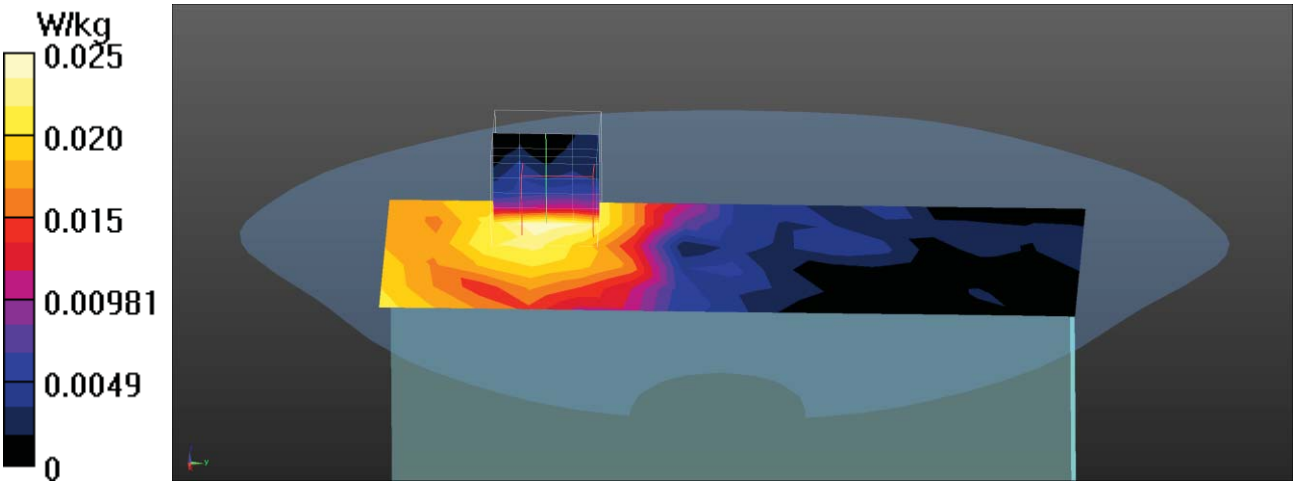
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_1RB-0-RightSide Pwr -OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0245 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.576 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.0084 W/kg
Maximum value of SAR (measured) = 0.0234 W/kg



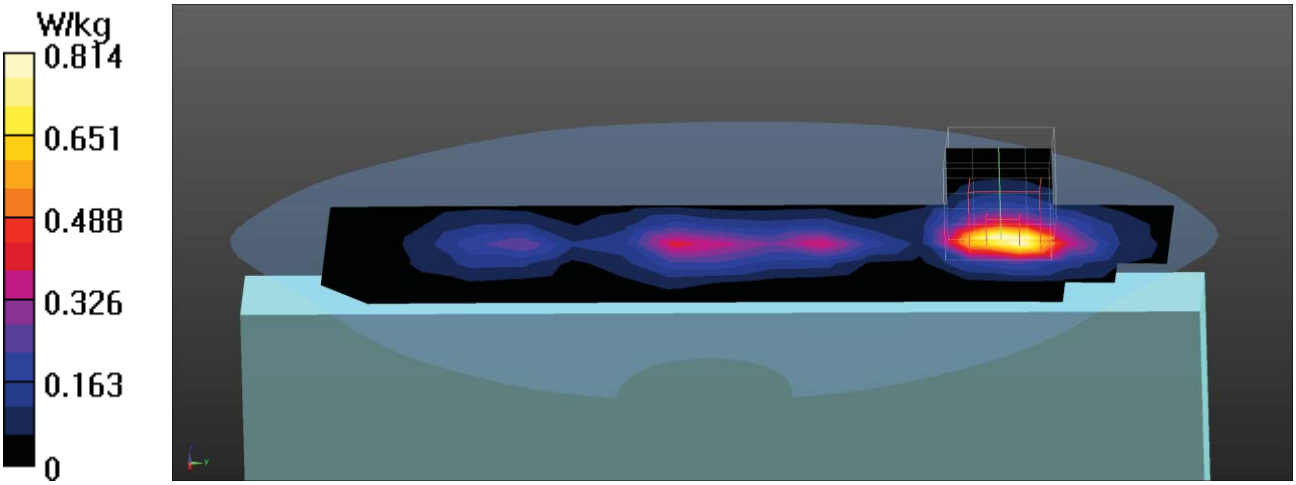
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_1RB-0-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.814 W/kg

Configuration/Body/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.59 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.883 W/kg



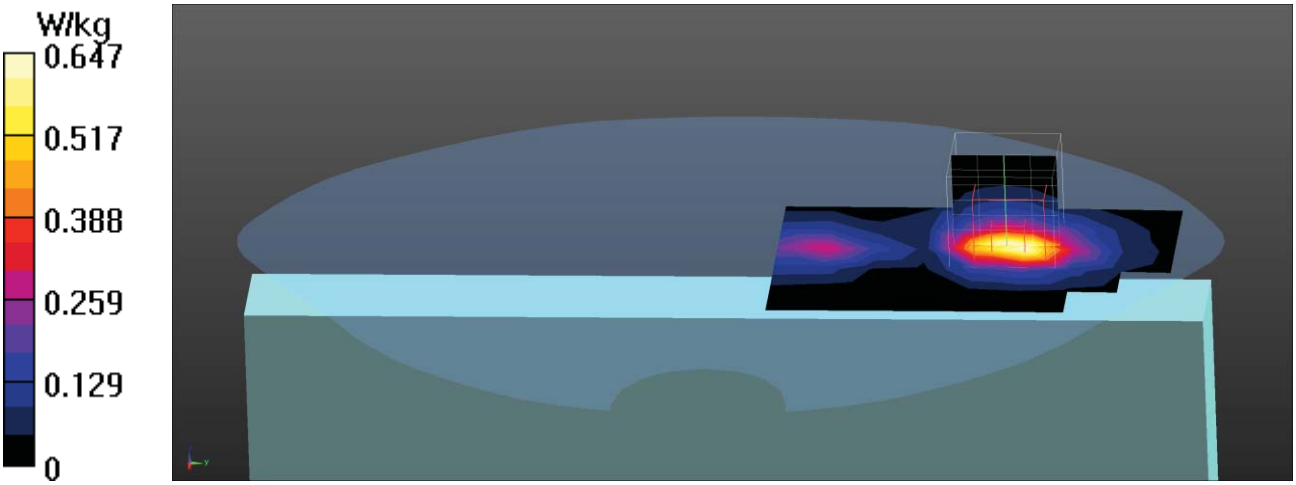
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_50RB-0-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.647 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.97 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.876 W/kg
SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.698 W/kg



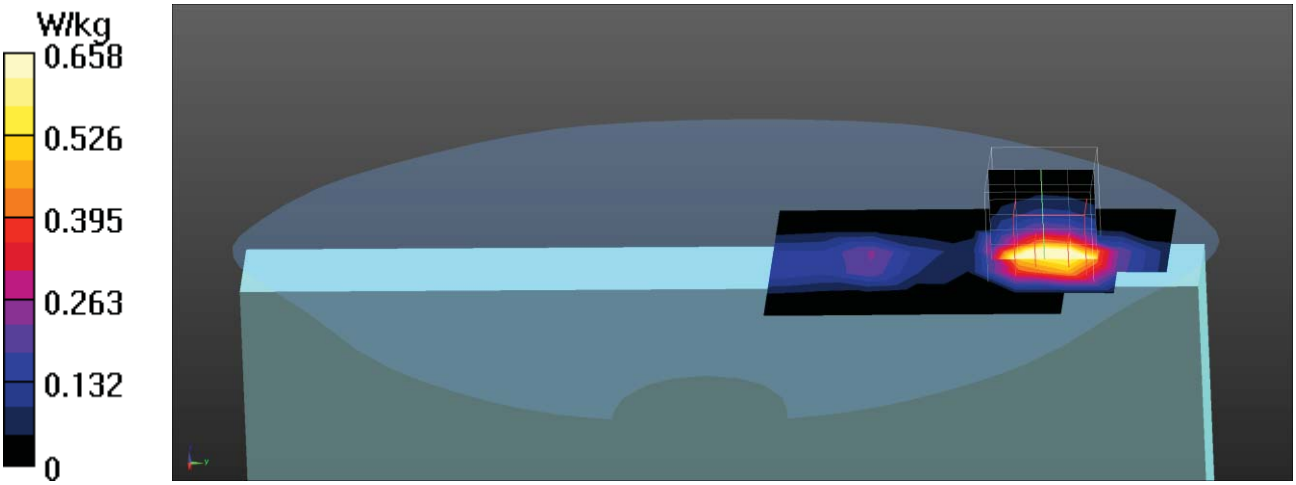
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_20850_1RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2510 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2510 MHz; σ = 1.88 S/m; ε_r = 40.19; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.658 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.38 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



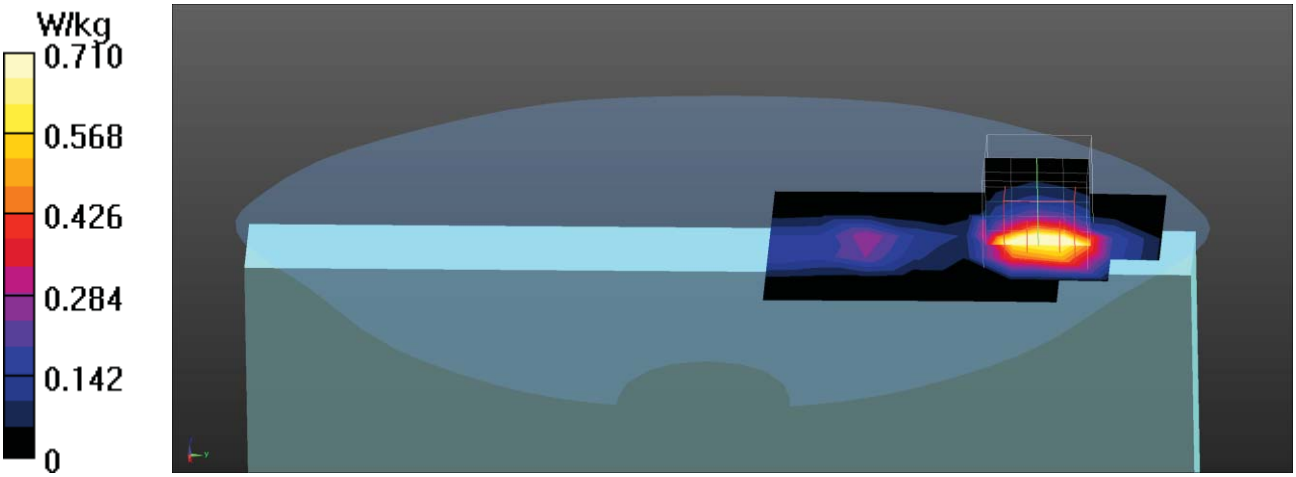
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_1RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.710 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.52 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



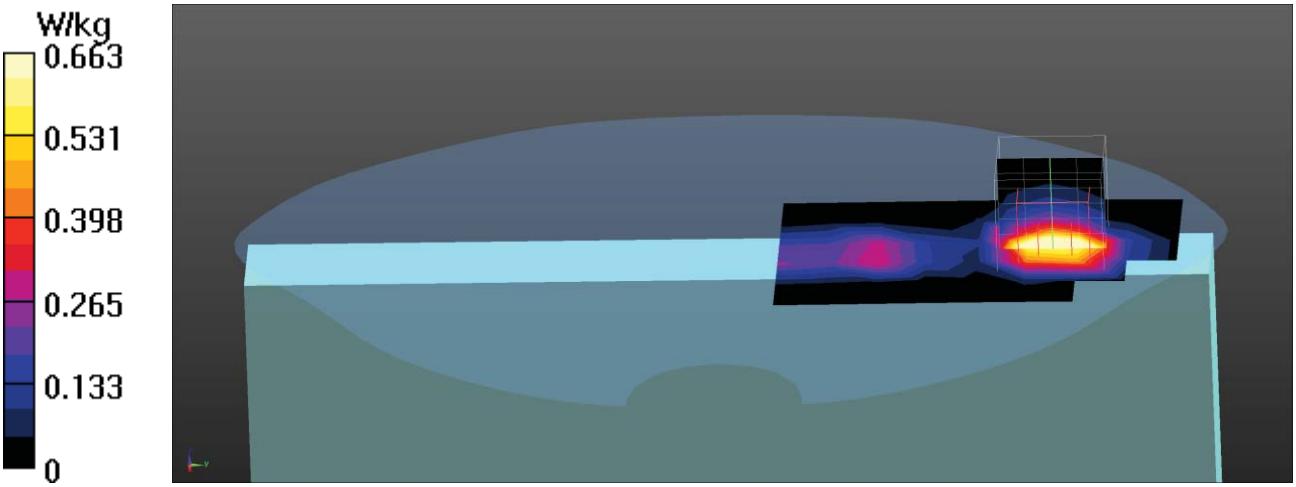
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21350_1RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2560 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2560 MHz; σ = 1.92 S/m; ε_r = 39.78; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.663 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.34 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



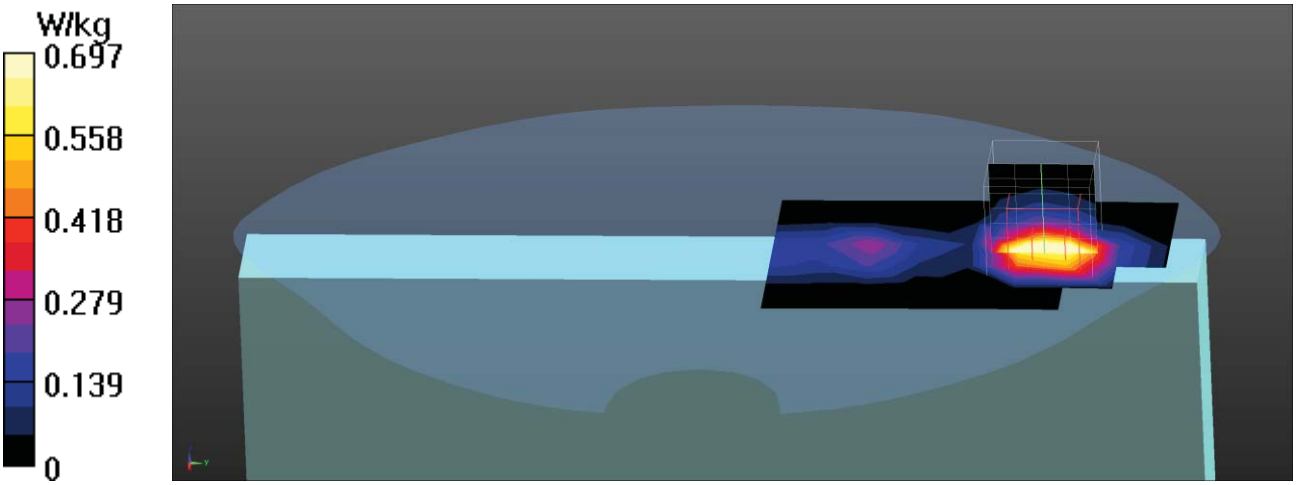
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_50RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.697 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.58 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



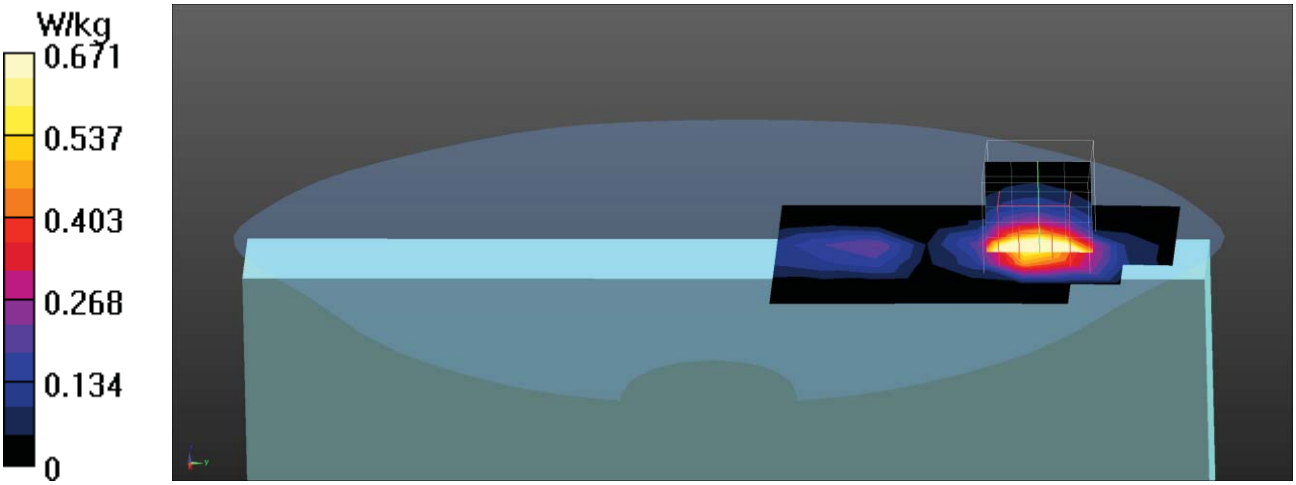
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_QPSK_20M_21100_100RB-0-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2535 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2535 MHz; σ = 1.91 S/m; ε_r = 39.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.671 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.737 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



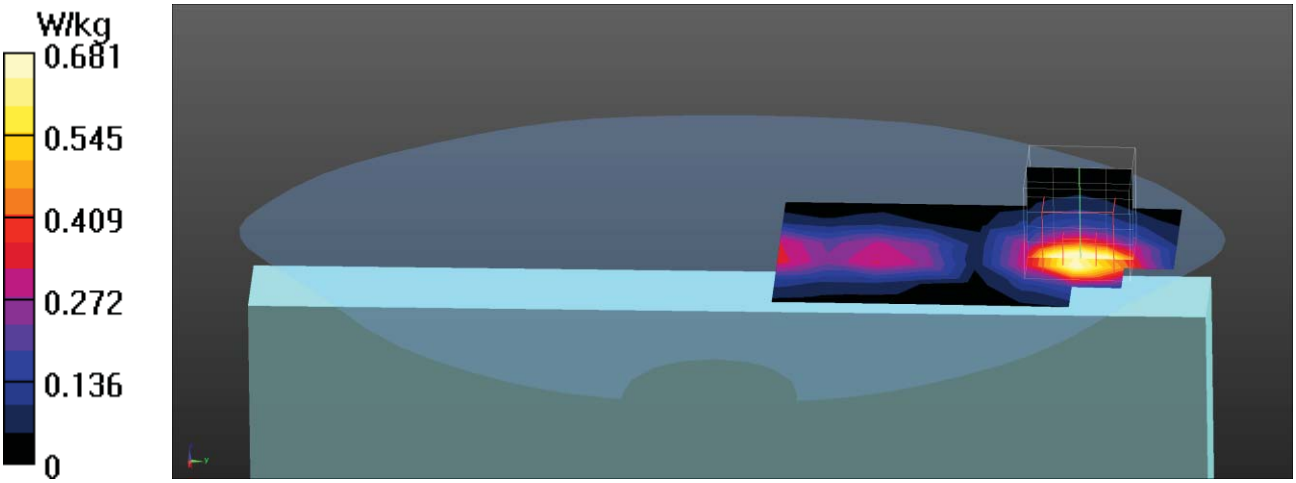
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_2UPCA_QPSK_20M_21350+21152_1RB-99-Top Pwr OFF 10mm
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2560 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2560 MHz; σ = 1.92 S/m; ε_r = 39.78; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.681 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.40 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.824 W/kg



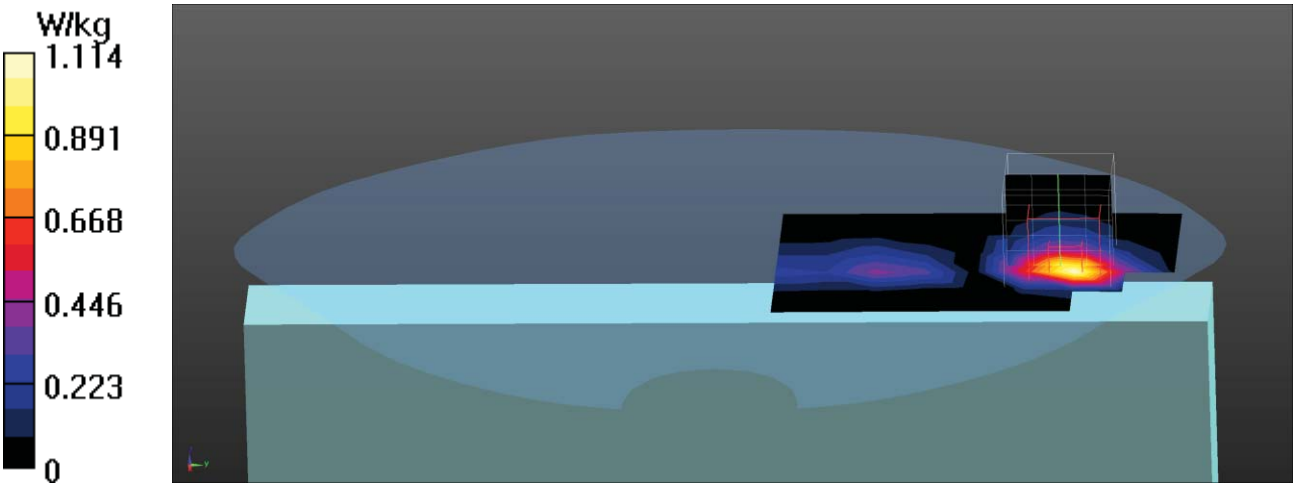
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 7_2UPCA_QPSK_20M_21350+21152_1RB-99-Top Pwr ON
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, LTE Band7; Frequency: 2560 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2560 MHz; σ = 1.92 S/m; ε_r = 39.78; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

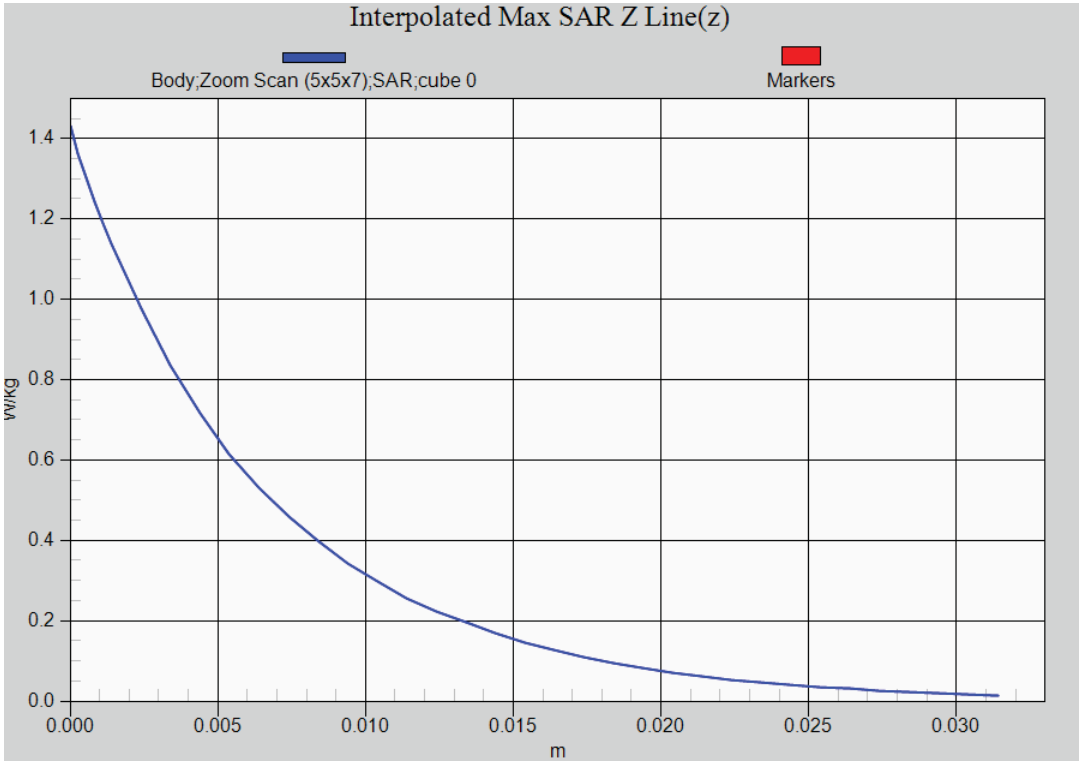
- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.11 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.92 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



LTE Band 7 QPSK 1RB EUT Top (Pwr ON) Z-Axis plot
Channel: 21100



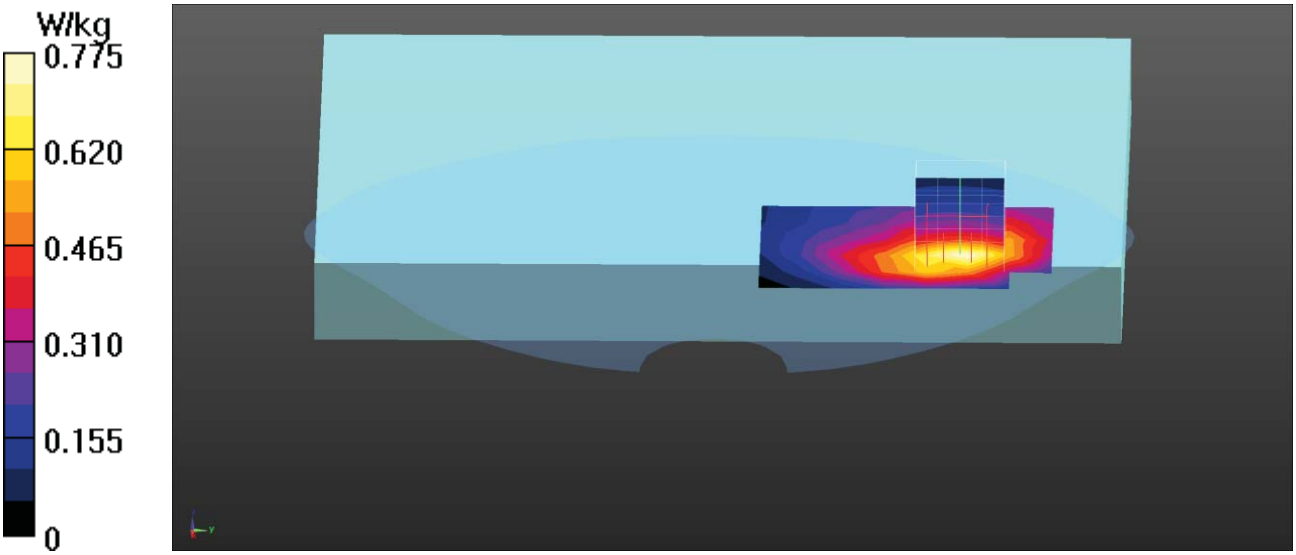
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23060_1RB-25-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 704 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 704 MHz; σ = 0.86 S/m; ε_r = 42.92; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.775 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.479 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.915 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.774 W/kg



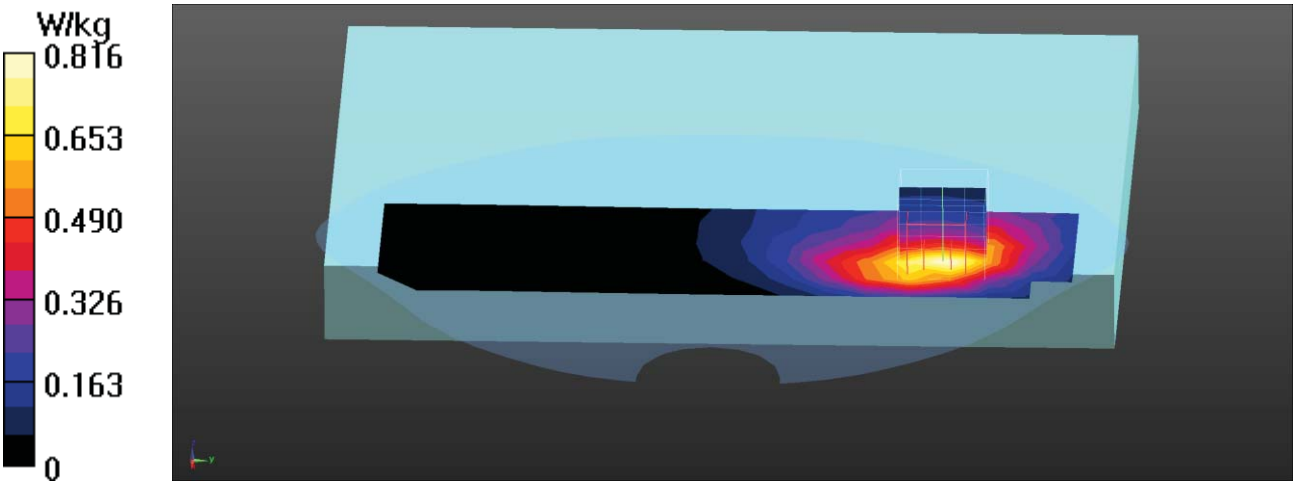
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23095_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 707.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.816 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.887 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.964 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.394 W/kg
Maximum value of SAR (measured) = 0.817 W/kg



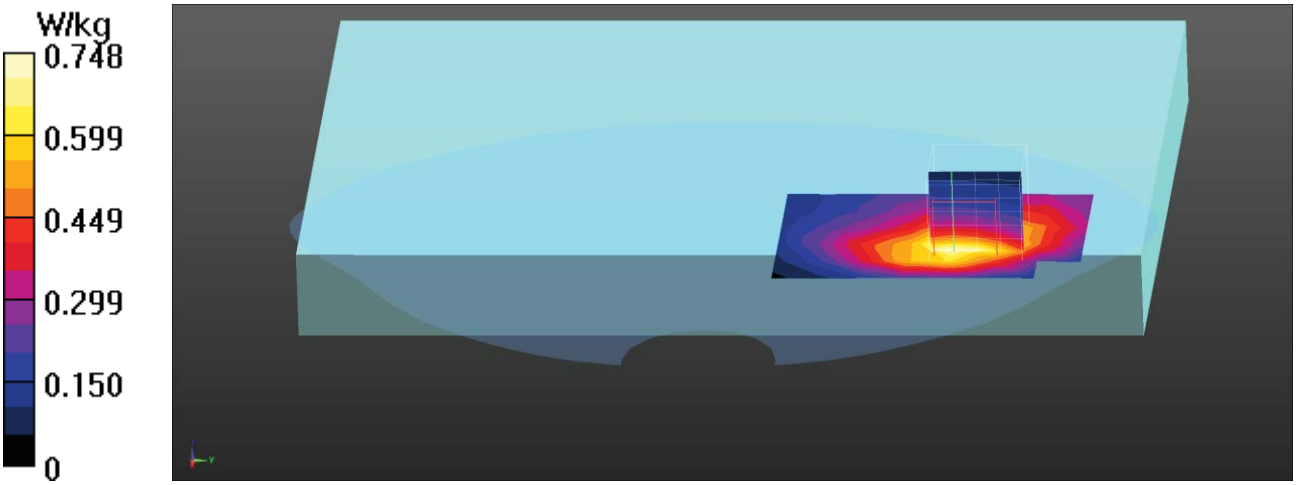
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23130_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 711 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 711 MHz; σ = 0.87 S/m; ε_r = 42.84; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.748 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.264 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.383 W/kg
Maximum value of SAR (measured) = 0.789 W/kg



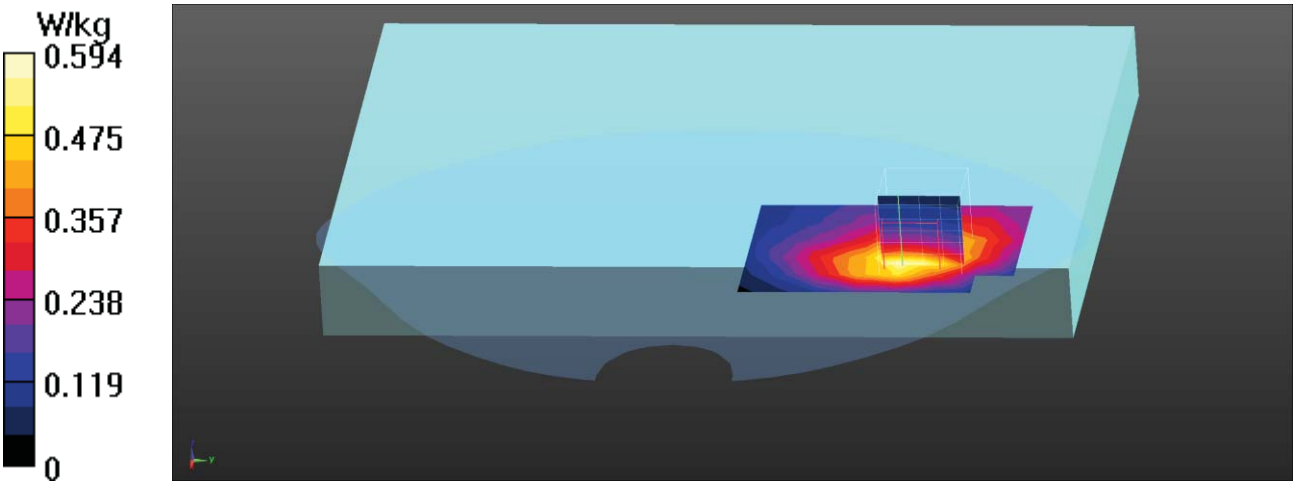
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23095_25RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 707.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.594 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.387 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.303 W/kg
Maximum value of SAR (measured) = 0.622 W/kg



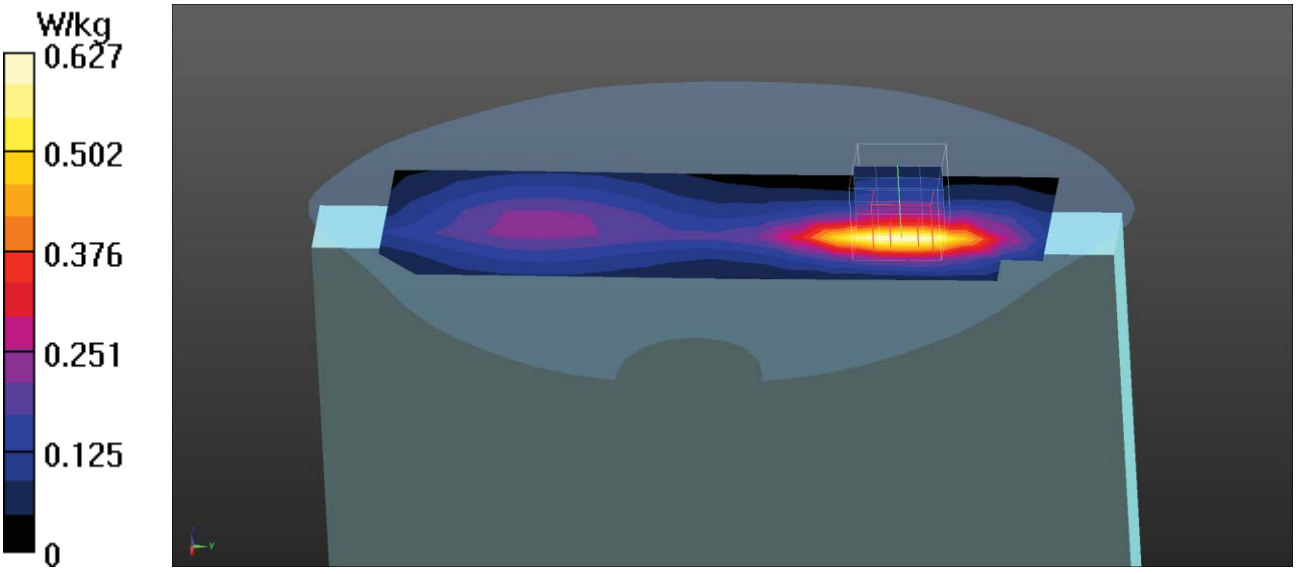
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23095_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 707.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.627 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.29 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.634 W/kg



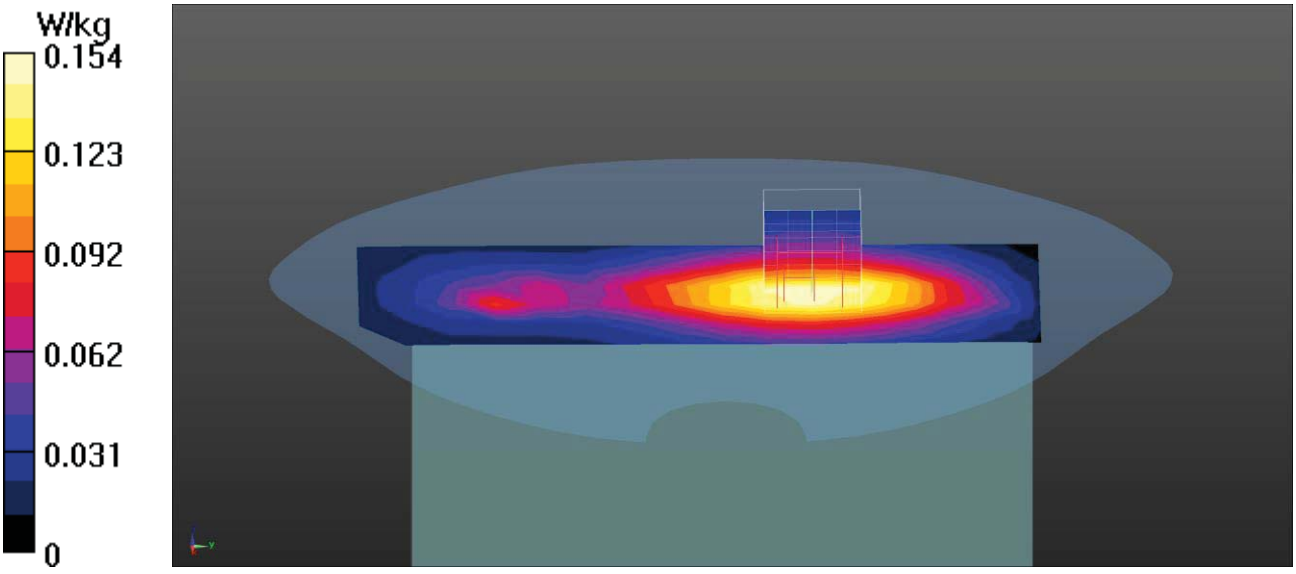
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23095_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 707.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.154 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.81 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.164 W/kg



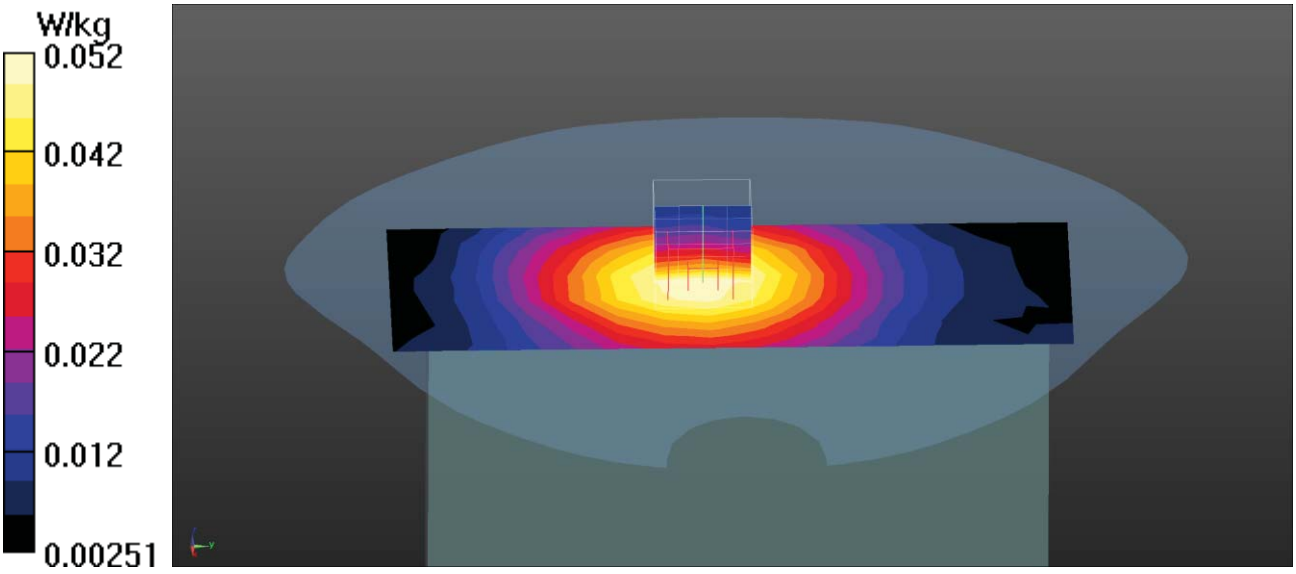
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23095_1RB-0-Left-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 707.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0521 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.206 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0600 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0543 W/kg



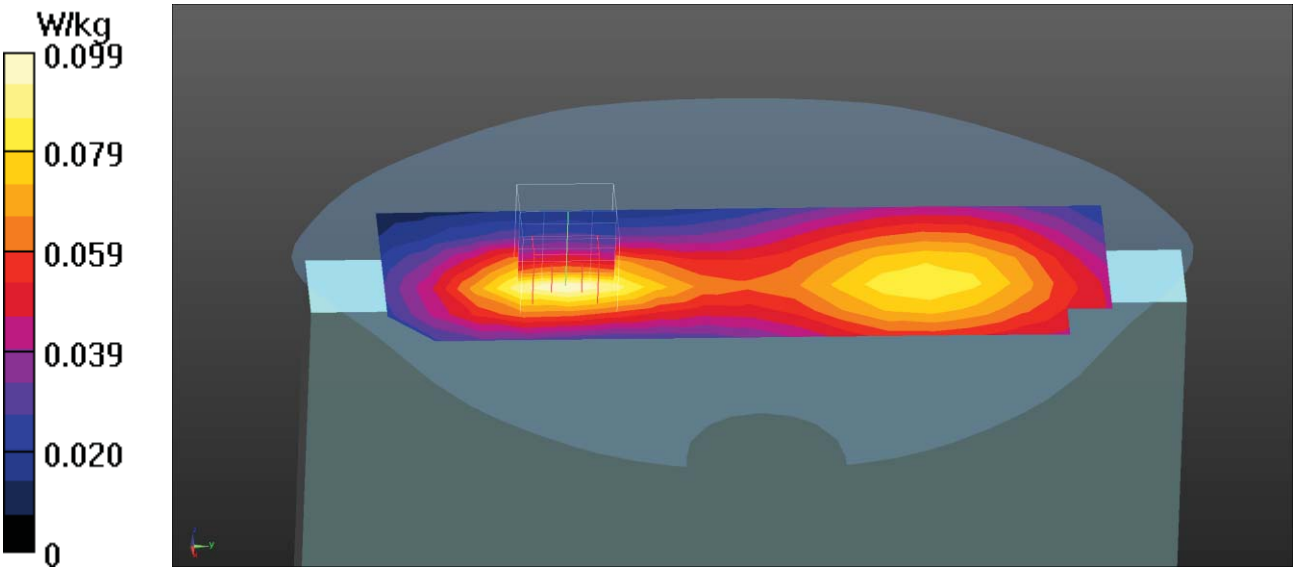
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 12_QPSK_10M_23095_1RB-0-Bottom Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band12; Frequency: 707.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

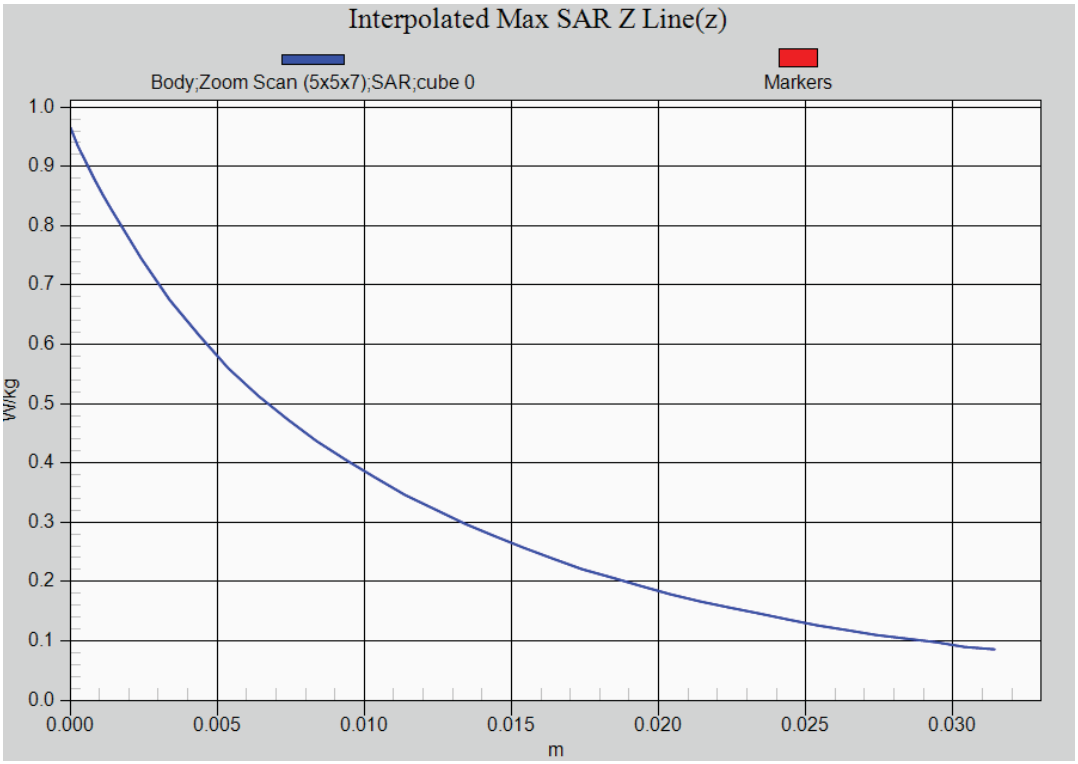
- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0986 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.908 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.0990 W/kg



LTE Band 12 QPSK 1RB EUT Back Z-Axis plot
Channel: 23095



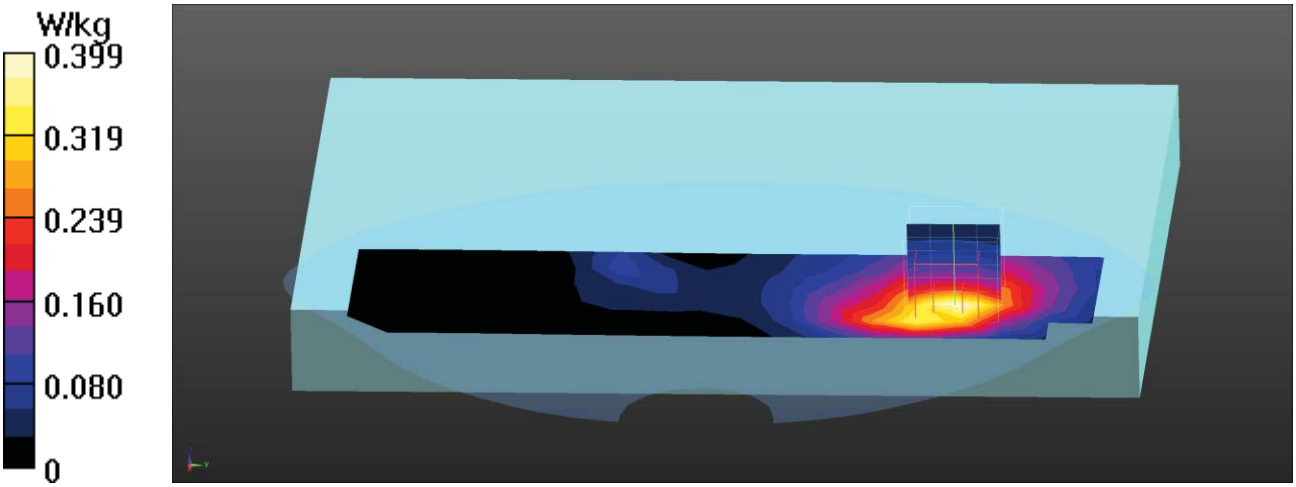
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 13_QPSK_10M_23230_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band13; Frequency: 782 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 42.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.399 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.888 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.405 W/kg



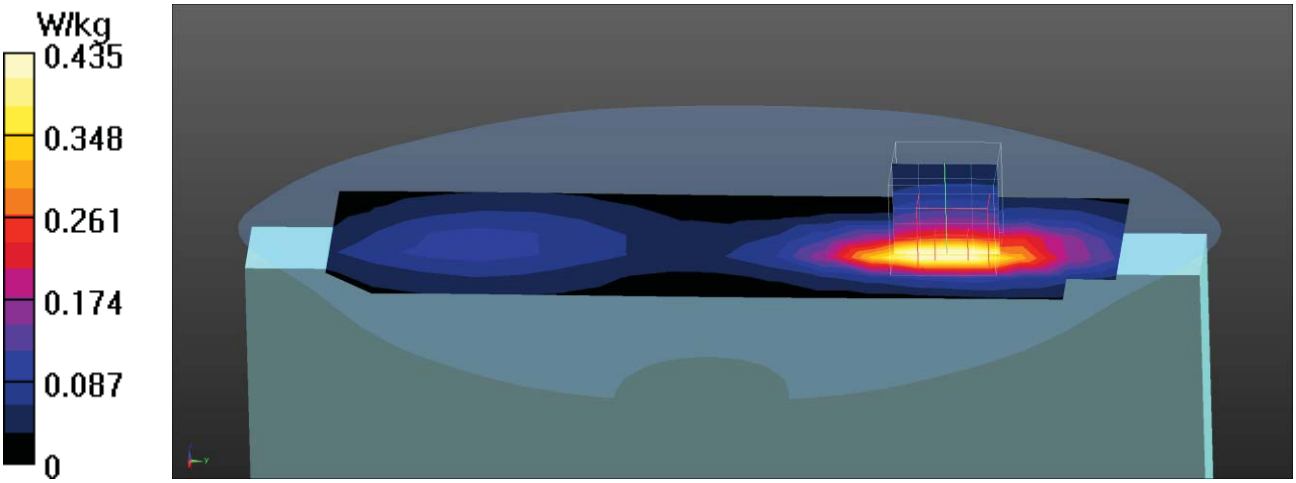
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 13_QPSK_10M_23230_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band13; Frequency: 782 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 42.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.435 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.758 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.462 W/kg



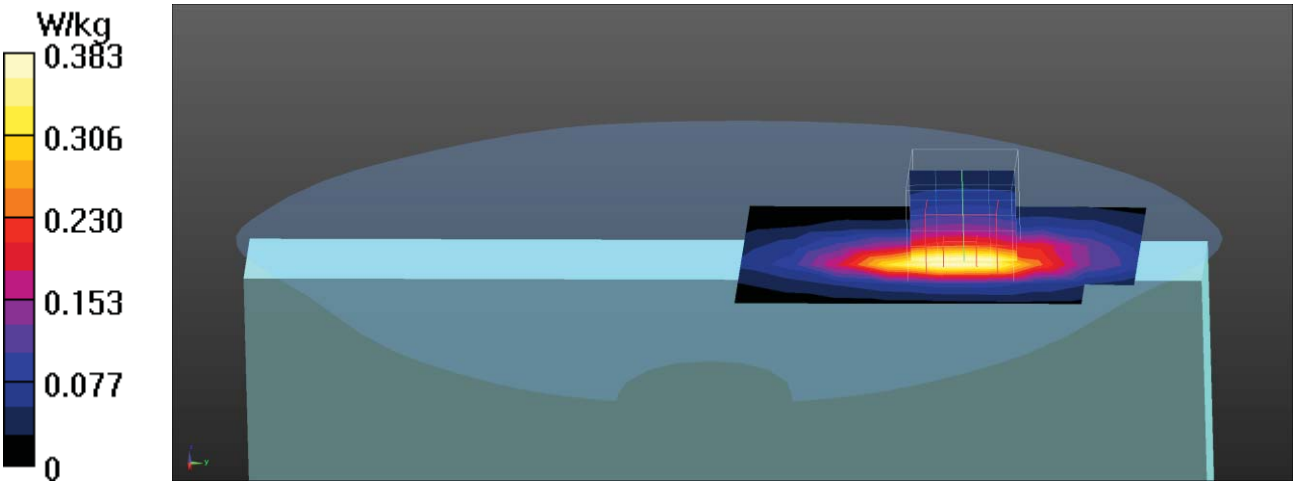
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 13_QPSK_10M_23230_25RB-25-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band13; Frequency: 782 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 42.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.383 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.906 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.403 W/kg



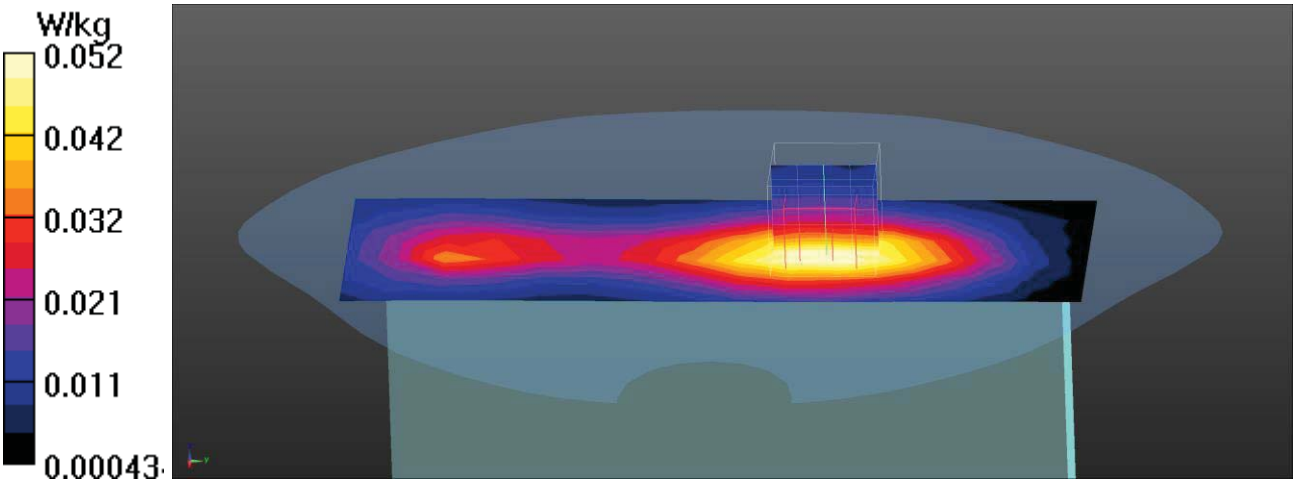
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 13_QPSK_10M_23230_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band13; Frequency: 782 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 42.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0522 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.966 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0630 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0550 W/kg



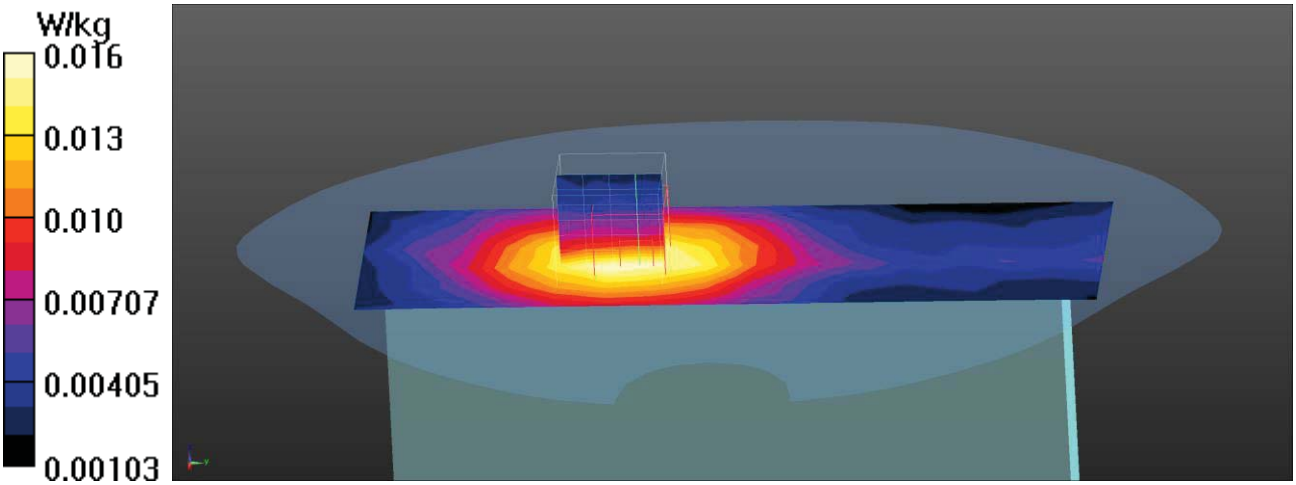
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 13_QPSK_10M_23230_1RB-0-Left-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band13; Frequency: 782 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 42.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0161 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.129 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00898 W/kg
Maximum value of SAR (measured) = 0.0159 W/kg



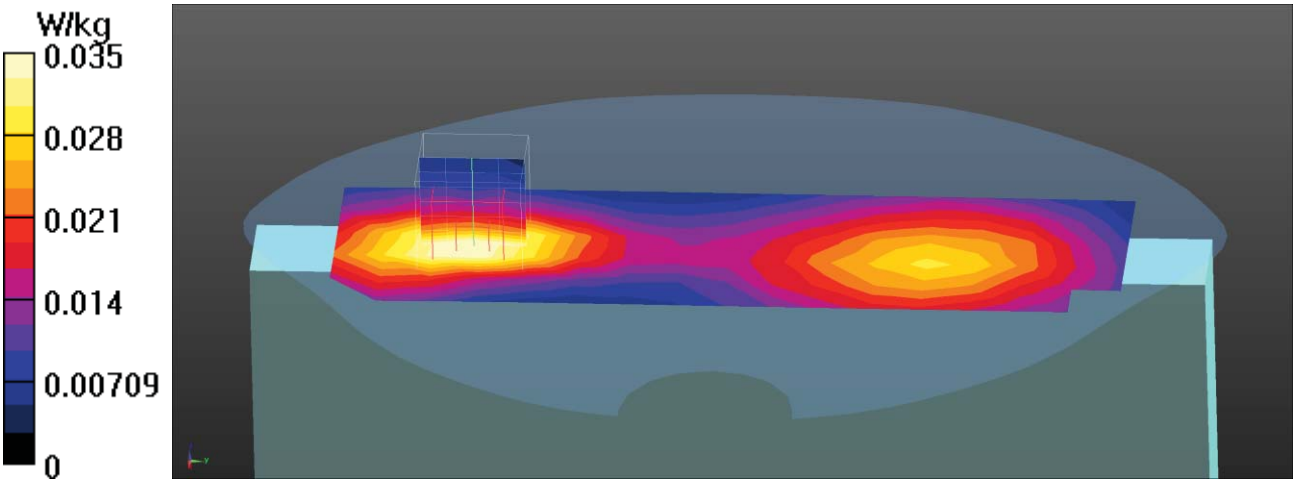
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 13_QPSK_10M_23230_1RB-0-Bottom Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band13; Frequency: 782 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 42.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

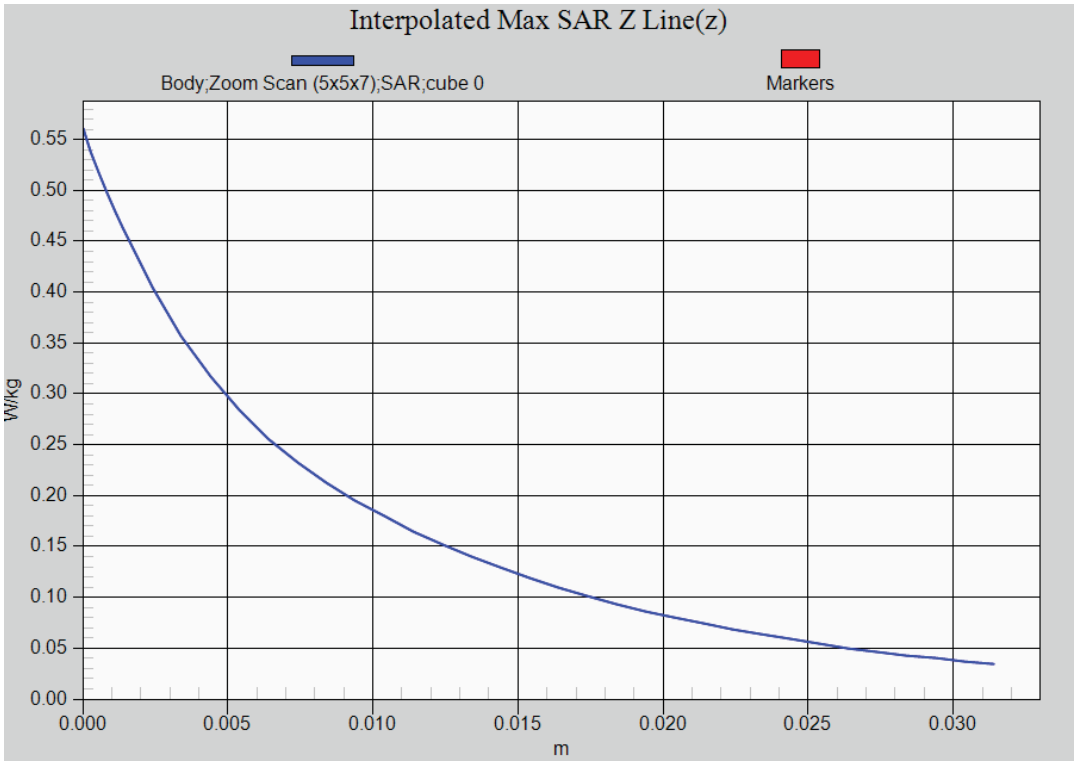
- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0355 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.491 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0391 W/kg



LTE Band 13 QPSK 1RB EUT Top Z-Axis plot
Channel: 23230



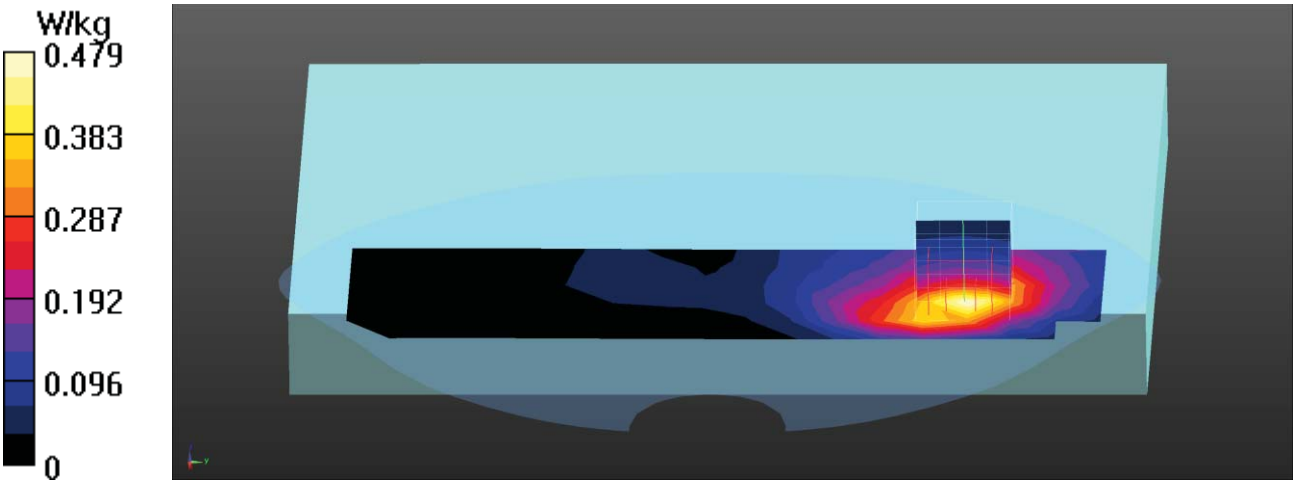
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 14_QPSK_10M_23330_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band14; Frequency: 793 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 793 MHz; σ = 0.89 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.479 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.346 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.472 W/kg



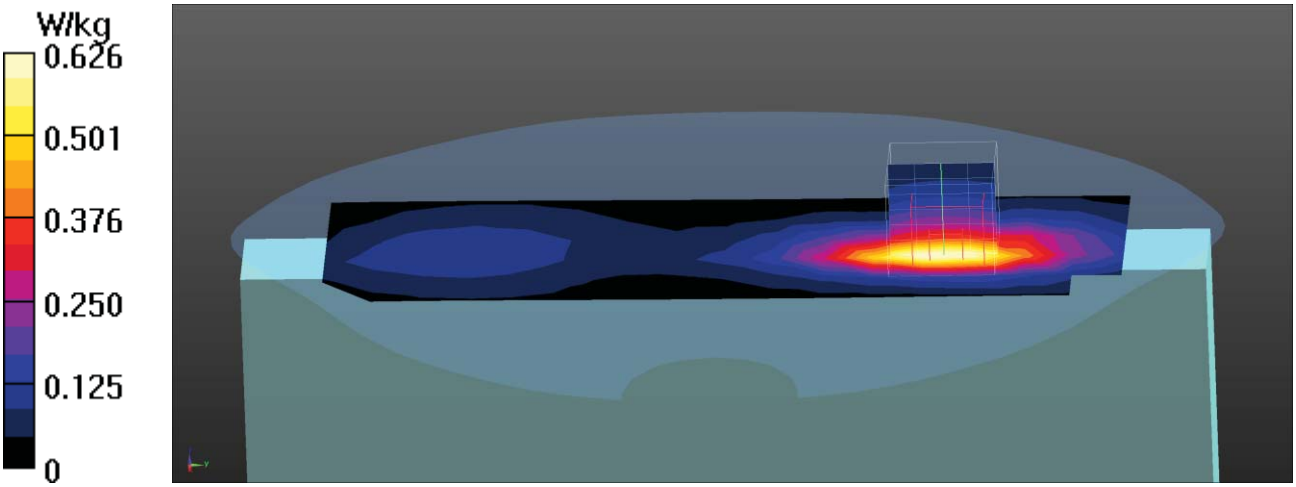
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 14_QPSK_10M_23330_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band14; Frequency: 793 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 793 MHz; σ = 0.89 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.626 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.80 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.270 W/kg
Maximum value of SAR (measured) = 0.644 W/kg



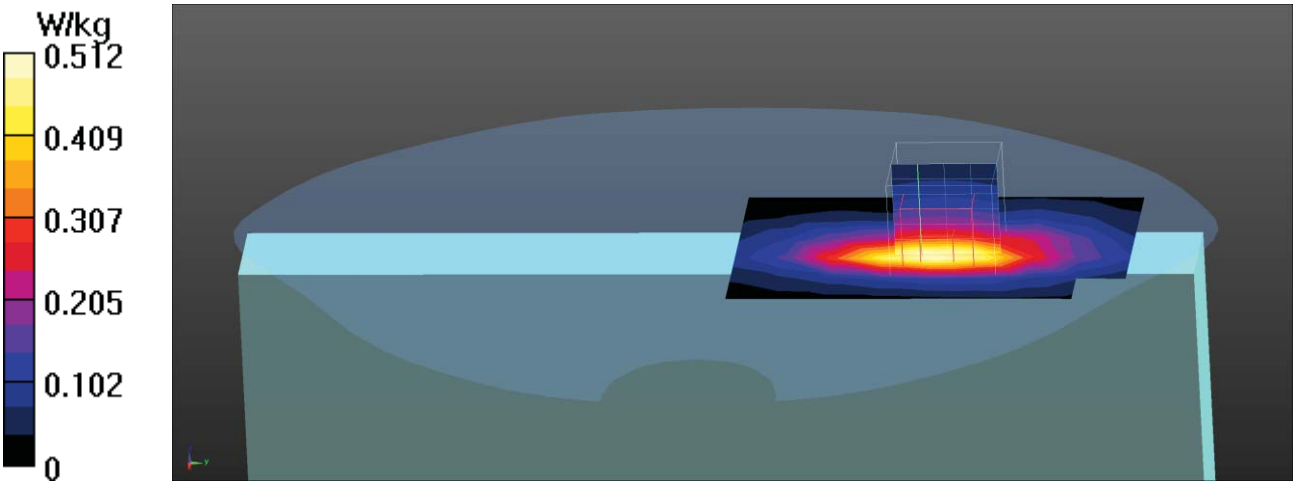
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 14_QPSK_10M_23330_25RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band14; Frequency: 793 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 793 MHz; σ = 0.89 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.512 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.622 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.627 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.525 W/kg



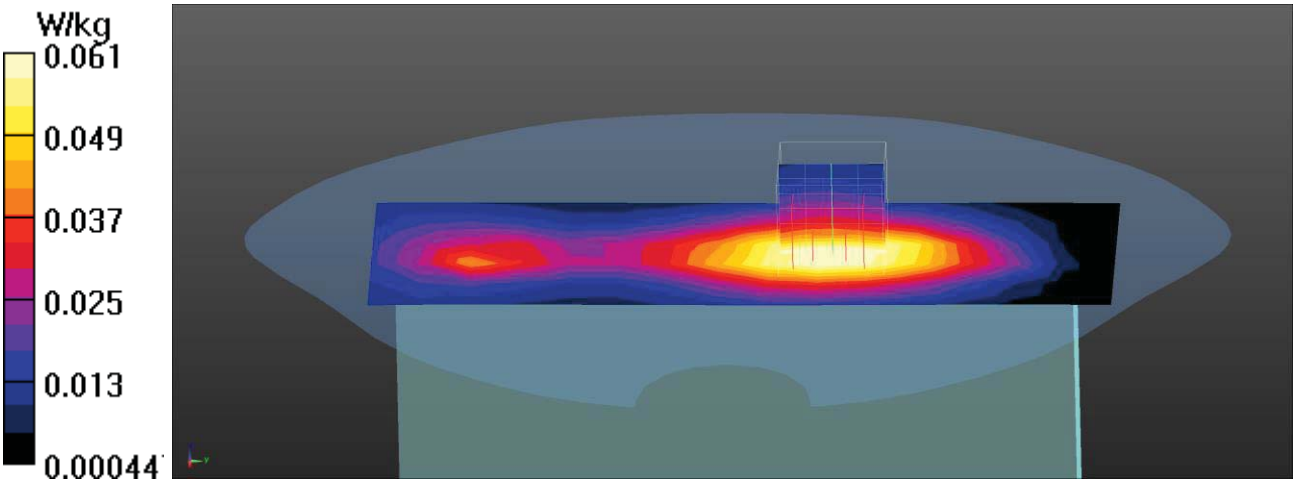
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 14_QPSK_10M_23330_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band14; Frequency: 793 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 793 MHz; σ = 0.89 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0614 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.055 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0770 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.0681 W/kg



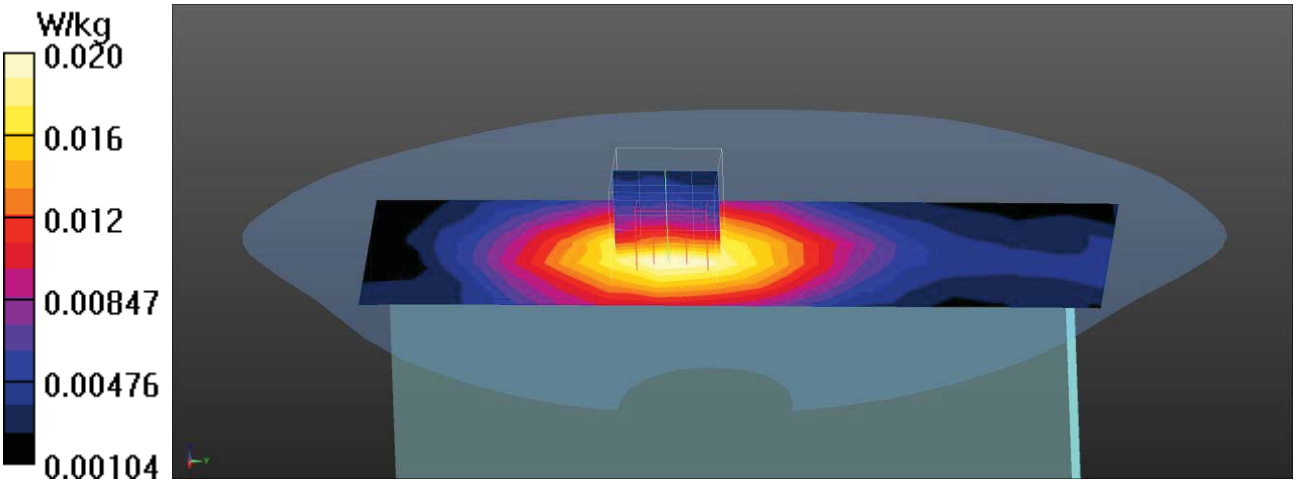
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 14_QPSK_10M_23330_1RB-0-Left-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band14; Frequency: 793 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 793 MHz; σ = 0.89 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0196 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.888 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0230 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0199 W/kg



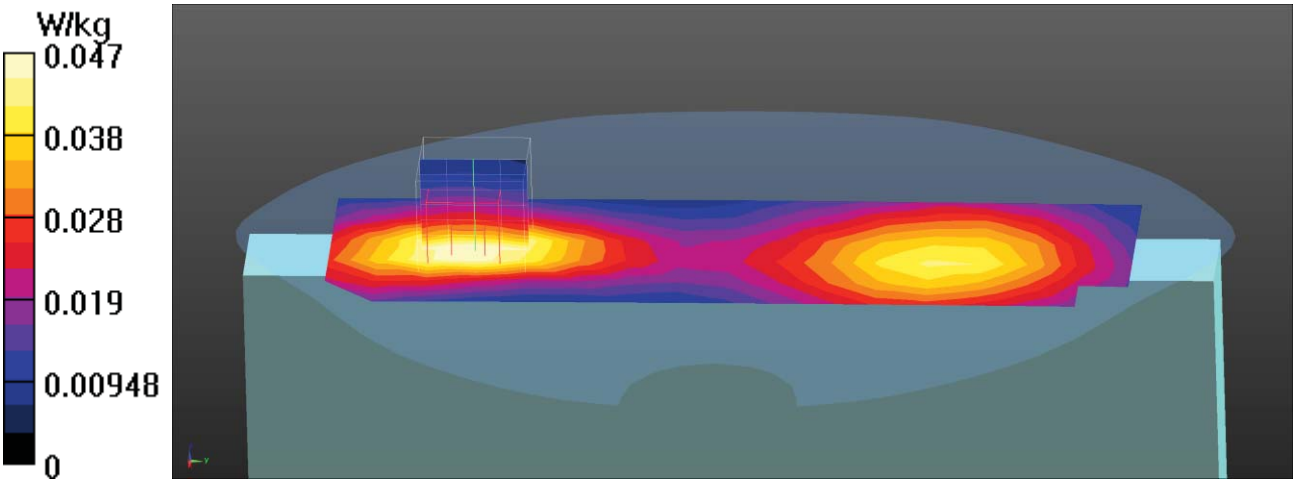
Test Laboratory: DEKRA Date/Time: 2020/04/15

LTE_Band 14_QPSK_10M_23330_1RB-0-Bottom Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band14; Frequency: 793 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 793 MHz; σ = 0.89 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.7, Liquid Temperature (°C) : 22.4
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

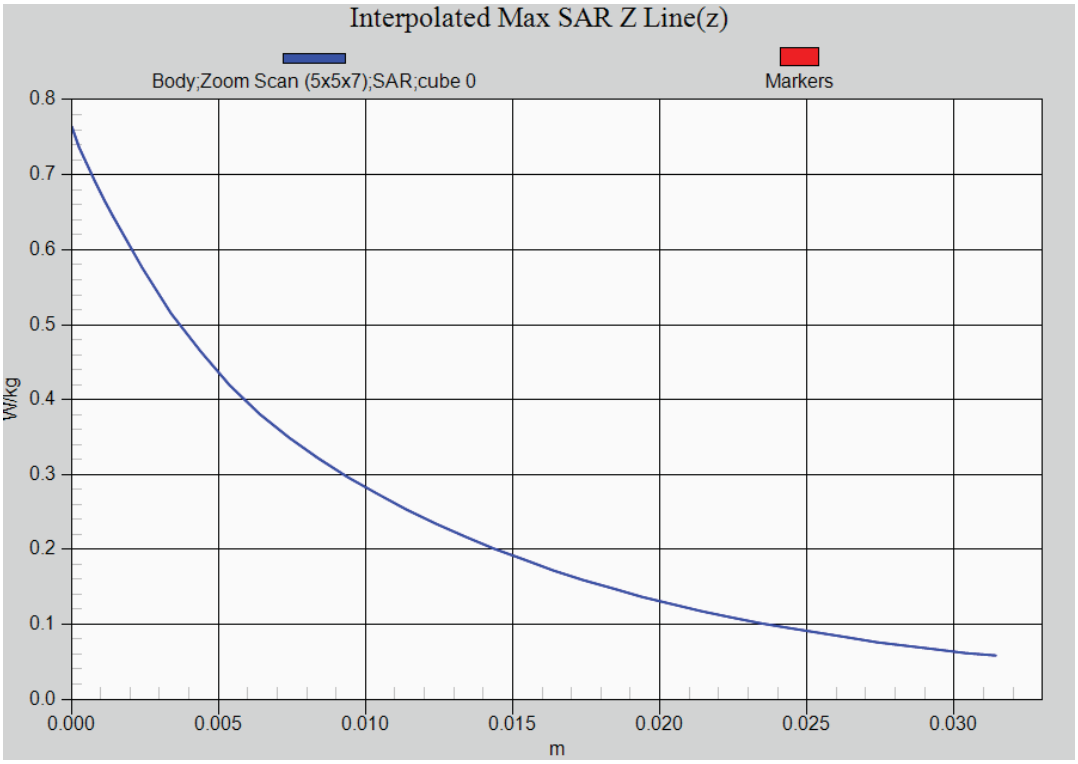
- Probe: EX3DV4 - SN3698; ConvF(9.03, 9.03, 9.03); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0474 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.170 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0580 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0513 W/kg



LTE Band 14 QPSK 1RB EUT Top Z-Axis plot
Channel: 23230



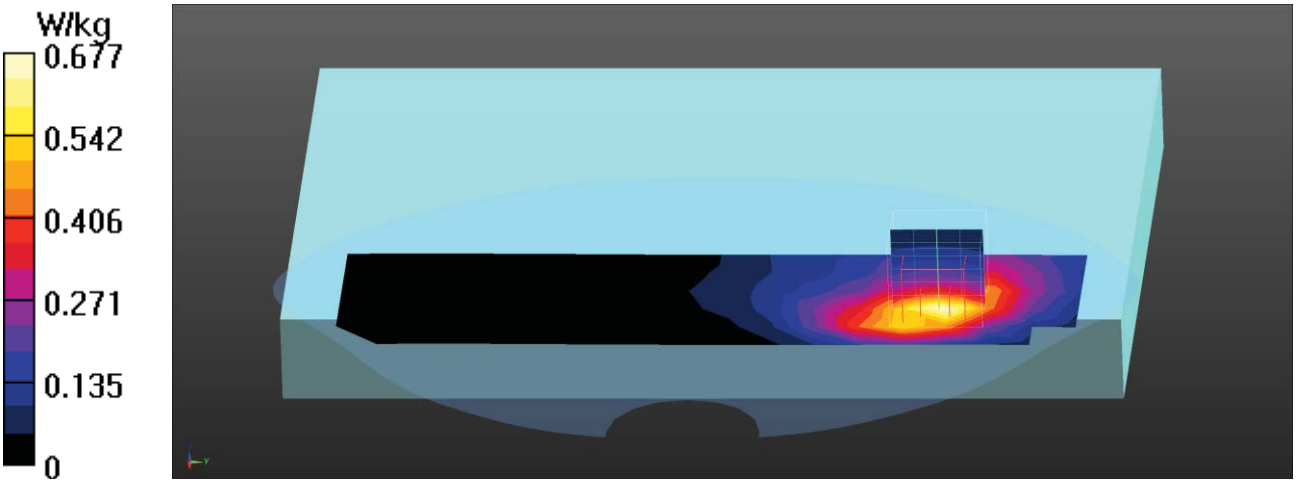
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26865_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 831.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 831.5 MHz; σ = 0.91 S/m; ε_r = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.677 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.739 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.807 W/kg
SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.685 W/kg



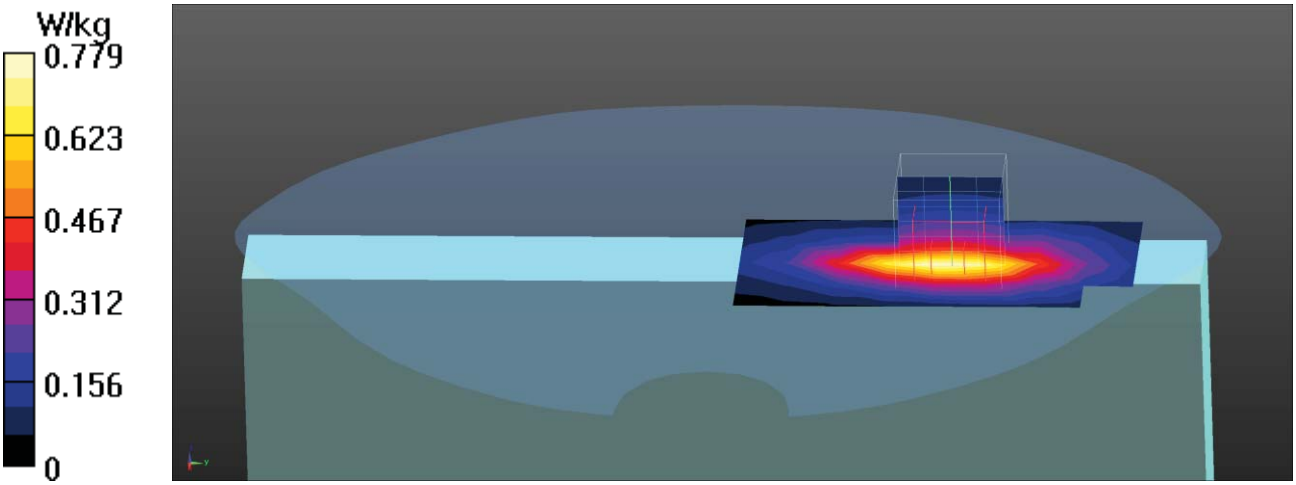
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26765_1RB-36-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 821.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 821.5 MHz; σ = 0.9 S/m; ε_r = 41.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.779 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.97 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.790 W/kg



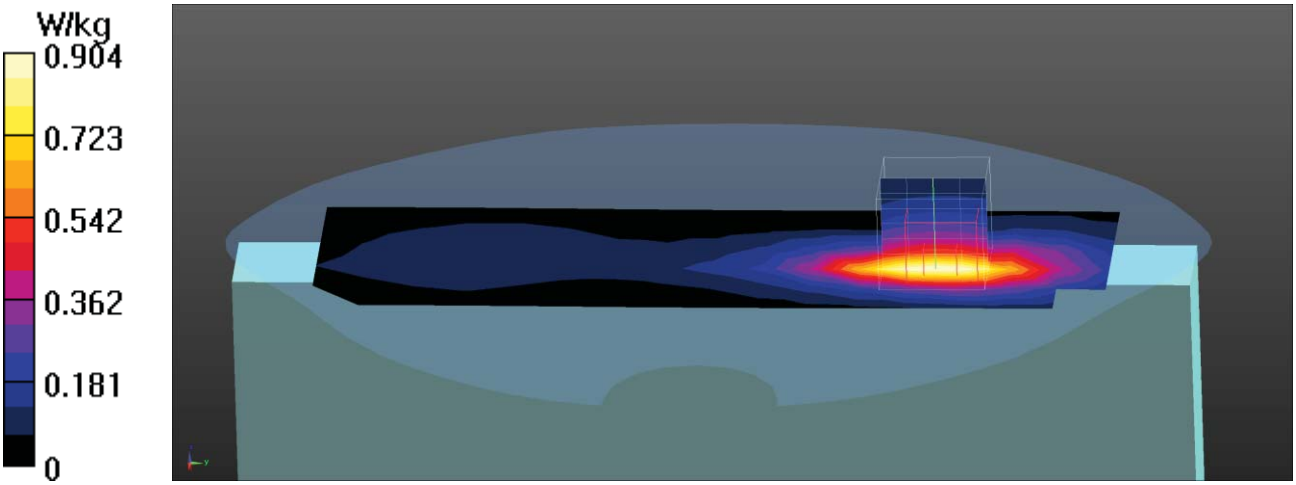
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26865_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 831.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 831.5 MHz; σ = 0.91 S/m; ε_r = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.904 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.73 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.389 W/kg
Maximum value of SAR (measured) = 0.934 W/kg



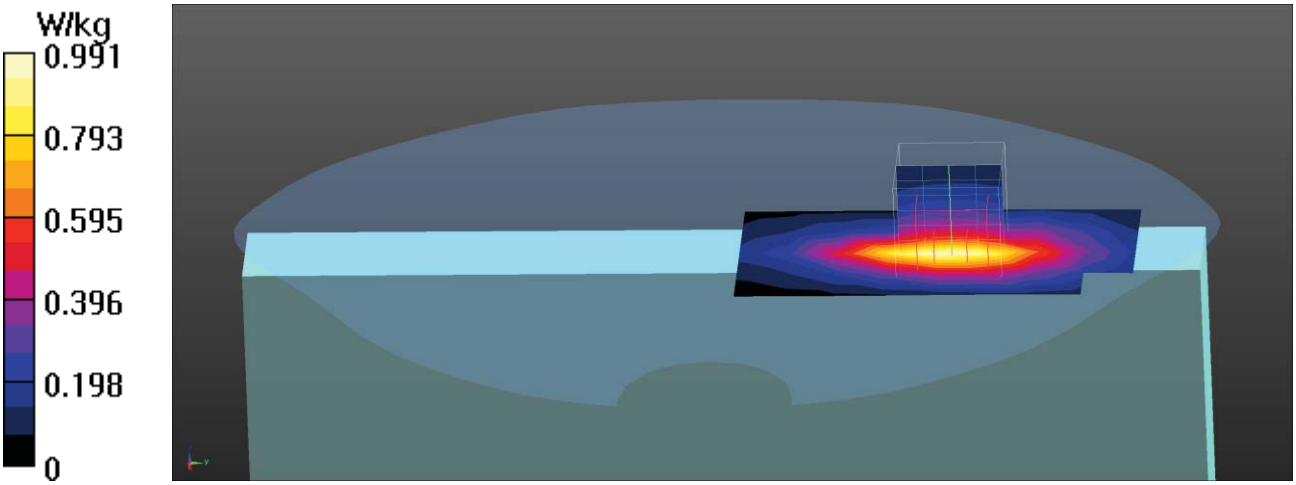
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26965_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 841.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 841.5 MHz; σ = 0.91 S/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.991 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.79 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



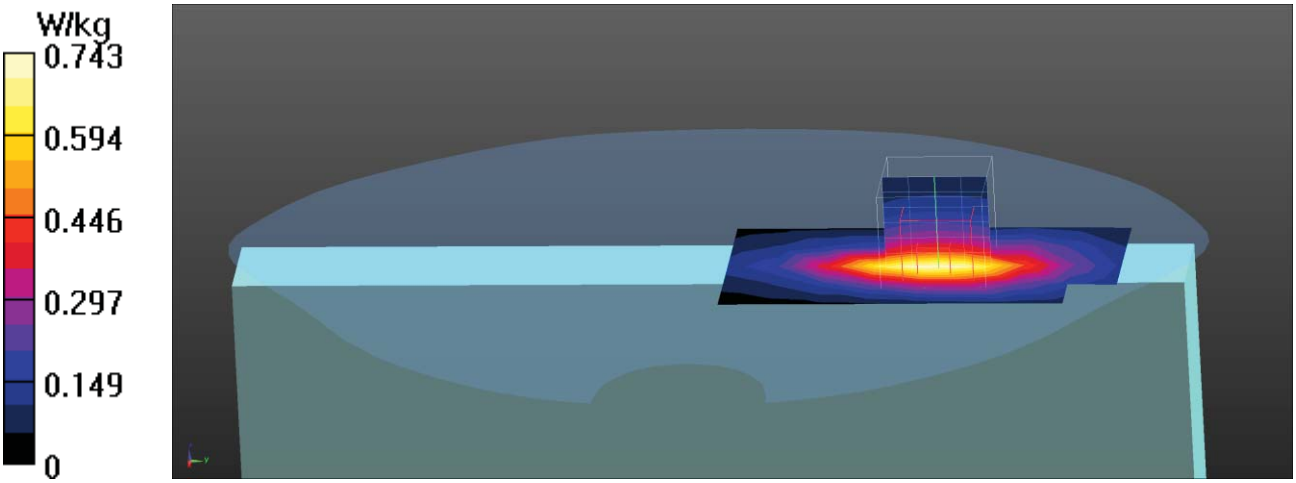
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26865_36RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 831.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 831.5 MHz; σ = 0.91 S/m; ε_r = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.743 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.33 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 0.755 W/kg



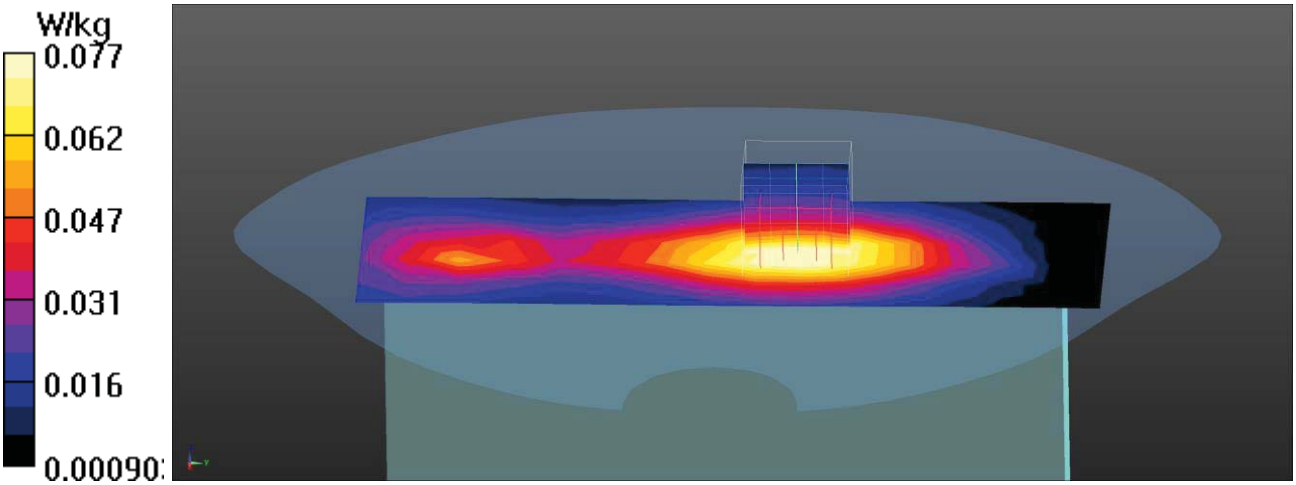
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26865_1RB-0-Right-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 831.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 831.5 MHz; σ = 0.91 S/m; ε_r = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0773 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.883 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.0845 W/kg



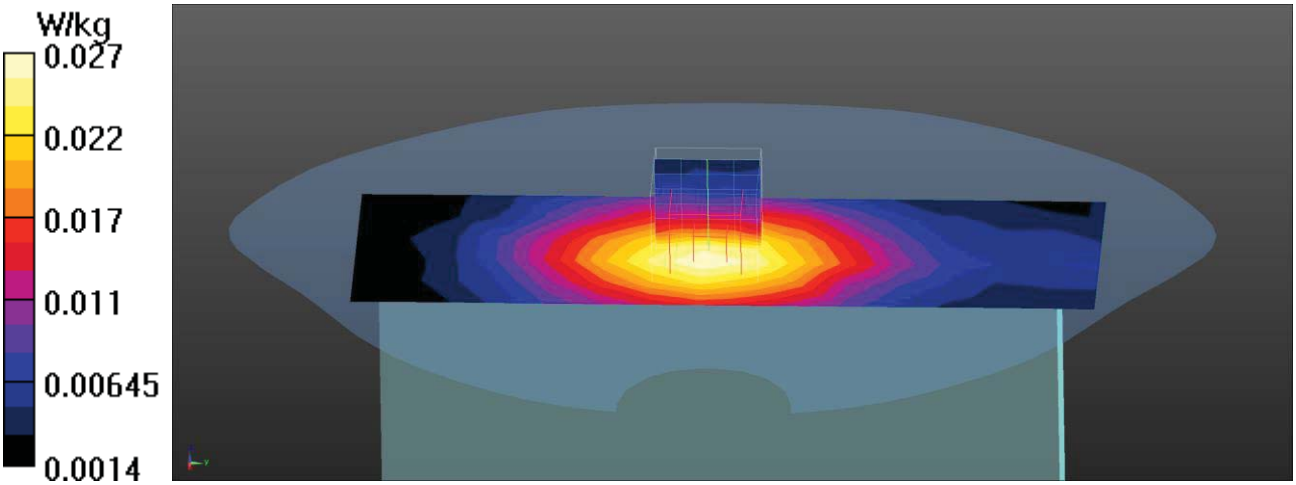
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26865_1RB-0-Left-Side Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 831.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 831.5 MHz; σ = 0.91 S/m; ε_r = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0266 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.578 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0258 W/kg



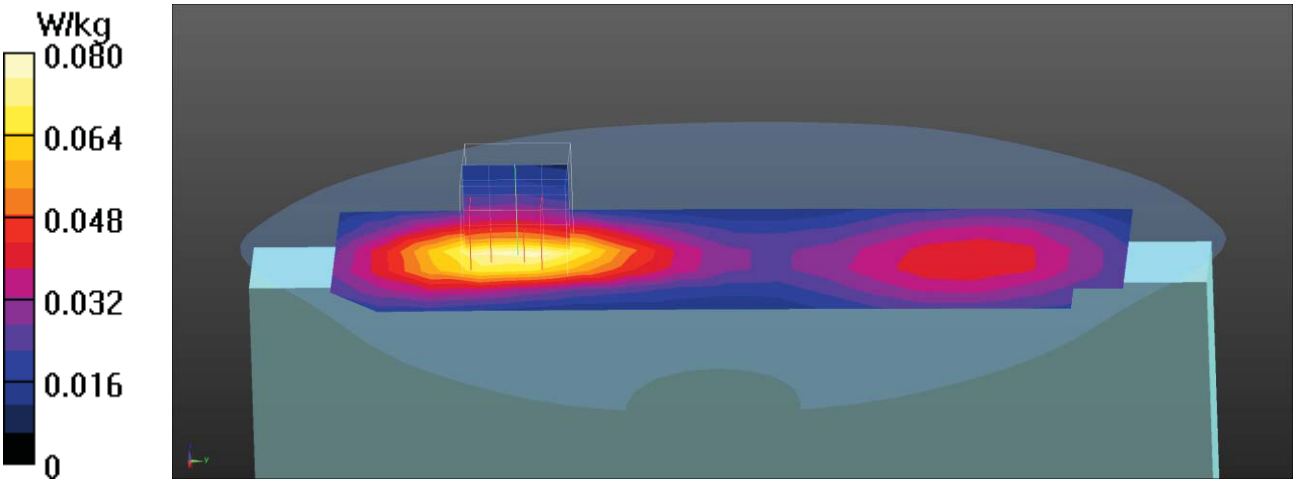
Test Laboratory: DEKRA Date/Time: 2020/04/11

LTE_Band 26_QPSK_15M_26865_1RB-0-Bottom Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE Band26; Frequency: 831.5 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 831.5 MHz; σ = 0.91 S/m; ε_r = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.8, Liquid Temperature (°C) : 22.6
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

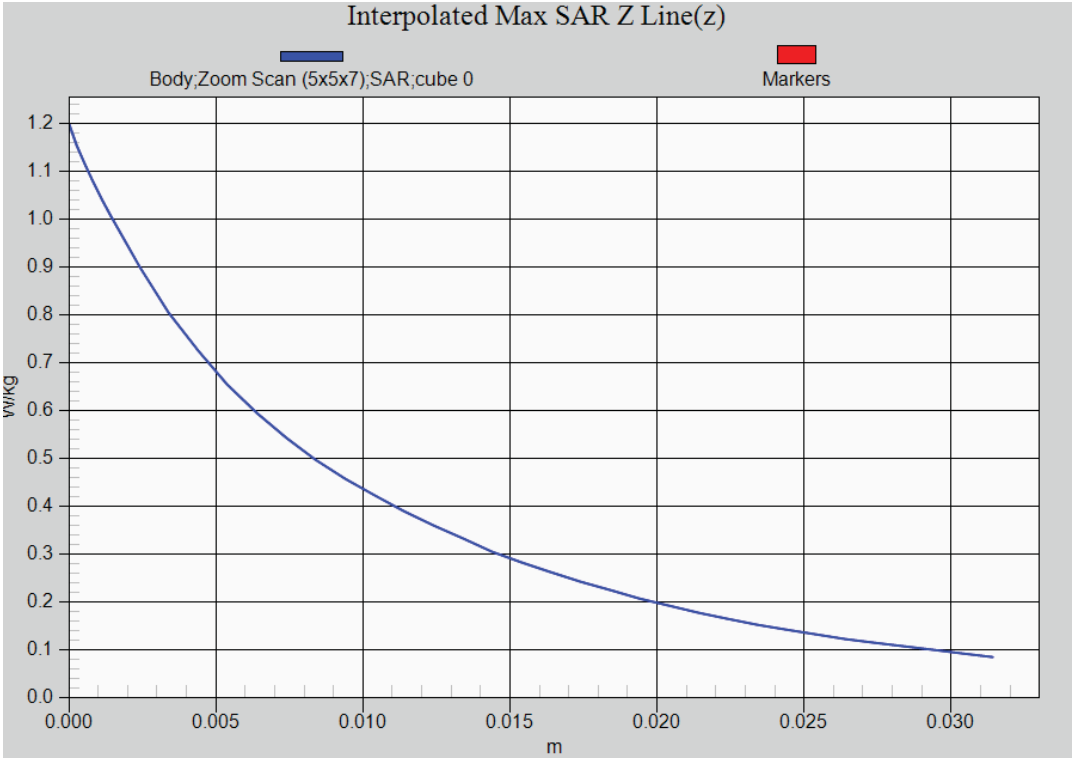
- Probe: EX3DV4 - SN3698; ConvF(8.91, 8.91, 8.91); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0802 W/kg

Configuration/Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.999 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.0824 W/kg



LTE Band 26 QPSK 1RB EUT Top Z-Axis plot
Channel: 26965



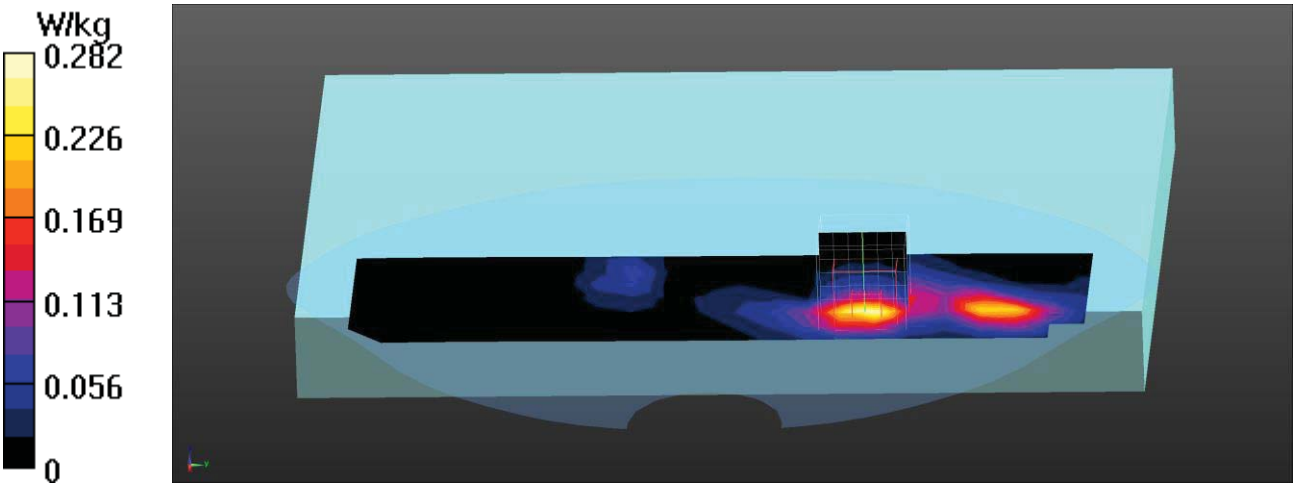
Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 41_QPSK_20M_40620_1RB-0-Back Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE-TDD Band41; Frequency: 2593 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2593 MHz; σ = 1.94 S/m; ε_r = 39.39; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (7x22x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.282 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.304 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.288 W/kg



Test Laboratory: DEKRA Date/Time: 2020/04/21

LTE_Band 41_QPSK_20M_39750_1RB-0-Top Pwr OFF
DUT: TABLET PC; Type: PX-501
Communication System: UID 0, FCC LTE-TDD Band41; Frequency: 2506 MHz;
Communication System PAR: 0 dB
Medium parameters used: f = 2506 MHz; σ = 1.88 S/m; ε_r = 40.24; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature (°C) : 23.0, Liquid Temperature (°C) : 21.9
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/11/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2019/11/14
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.691 W/kg

Configuration/Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.789 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.994 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.794 W/kg