

TEST REPORT

FCC SAR Part 0 Test for SM-A376B/DS
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-SR-2512-FC008-R1

DATE OF ISSUE
December 23, 2025

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TEST REPORT

SAR PART 0 Test
for certification

REPORT NO.

HCT-SR-2512-FC008-R1

DATE OF ISSUE

Dec. 23, 2025

FCC ID

A3LSMA376B

Applicant

SAMSUNG Electronics Co., Ltd

129, Samsung-ro, Yeongtong-gu, Suwon-Si, Gyeonggi-do, 16677,

Product Name

Mobile Phone

Model Name

SM-A376B/DS

Additional Model Name

SM-A376B

Date of Test

Nov. 18, 2025 ~ Dec. 22, 2025

Location of Test

☒ Permanent Testing Lab ☐ On Site Testing Lab

(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si,
Gyeonggi-do, Republic of Korea)

FCC Rule Part(s)

CFR § 2.1093

Test Results

PASS (1g SAR Limit : 1.6 W/kg, 10g SAR Limit : 4 W/kg)

Refer to the clause 3.2 Attestation of test result

REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	Dec. 17, 2025	Initial Release
1	Dec. 23 2025	Revised Head SAR Target Power for UMTS Band 5.

Notice

Content

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

The laboratory is not accredited for the test results marked *.

Information provided by the applicant is marked **.

Test results provided by external providers are marked ***.

When confirmation of authenticity of this test report is required, please contact www.hct.co.kr

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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1. Test Location

1.1 Test Laboratory

Company Name	HCT Co., Ltd.
Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Telephone	031-645-6300
Fax.	031-645-6401

1.2 Test Facilities

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

Korea	National Radio Research Agency (Designation No. KR0032)
	KOLAS (Testing No. KT197)

1.3 General Information of the EUT

Model Name	SM-A376B/DS
Additional Model Name	SM-A376B
Equipment Type	Mobile Phone
FCC ID	A3LSMA376B
Application Type	Certification
Applicant	SAMSUNG Electronics Co., Ltd.

2. Device Under Test Description

Device Wireless specification overview		
Band & Mode	Operating Mode	Tx Frequency
GSM850	Voice / Data	824.2 MHz ~ 848.8 MHz
GSM1900	Voice / Data	1 850.2 MHz ~ 1 909.8 MHz
UMTS Band 2	Voice / Data	1 852.4 MHz ~ 1 907.6 MHz
UMTS Band 4	Voice / Data	1 712.4 MHz ~ 1 752.6 MHz
UMTS Band 5	Voice / Data	826.4 MHz ~ 846.6 MHz
LTE FDD Band 2 (PCS)	Voice / Data	1 850.7 MHz ~ 1 909.3 MHz
LTE FDD Band 4 (AWS)	Voice / Data	1 710.7 MHz ~ 1 754.3 MHz
LTE FDD Band 5 (Cell)	Voice / Data	824.7 MHz ~ 848.3 MHz
LTE FDD Band 12	Voice / Data	699.7 MHz ~ 715.3 MHz
LTE FDD Band 13	Voice / Data	779.5 MHz ~ 784.5 MHz
LTE FDD Band 17	Voice / Data	706.5 MHz ~ 713.5 MHz
LTE FDD Band 25	Voice / Data	1 850.7 MHz ~ 1 914.3 MHz
LTE FDD Band 26	Voice / Data	814.7 MHz ~ 848.3 MHz
LTE TDD Band 41	Voice / Data	2 498.5 MHz ~ 2 687.5 MHz
LTE FDD Band 66 (AWS)	Voice / Data	1 710.7 MHz ~ 1 779.3 MHz
NR FDD Band n5	Voice / Data	826.5 MHz ~ 846.5 MHz
NR TDD Band n41	Voice / Data	2 501.01 MHz ~ 2 685 MHz
NR FDD Band n66	Voice / Data	1 712.5 MHz ~ 1 777.5 MHz
NR TDD Band n77	Voice / Data	3 705 MHz ~ 3 975 MHz
NR TDD Band n77 DoD	Voice / Data	3 445.01 MHz ~ 3 544.98 MHz
U-NII-1	Voice / Data	5 180 MHz ~ 5 240 MHz
U-NII-2A	Voice / Data	5 260 MHz ~ 5 320 MHz
U-NII-2C	Voice / Data	5 500 MHz ~ 5 720 MHz
U-NII-3	Voice / Data	5 745 MHz ~ 5 825 MHz
U-NII-4	Voice / Data	5 845 MHz ~ 5 885 MHz
2.4 GHz WLAN	Voice / Data	2 412 MHz ~ 2 472 MHz
Bluetooth / LE 5.4	Data	2 402 MHz ~ 2 480 MHz
NFC	Data	13.56 MHz
Device Description		
Device Serial Numbers	Mode	Serial Number
	GSM850, GSM1900, UMTS Band 2,4,5, NFC	YJV0363M, YJV0348M, YJV0351M
	LTE Band 5,12,13,25,26,66	
	NR Band n5, n66	
	LTE Band 41	YJV0411M, YJV0352M
	NR Band n41, n41 SRS2, n41 SRS3, n41 SRS 4	
	WLAN 2.4G, 5G, BT	YJV0406M, YJV0441M
The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics are within operational tolerances expected for production units.		

2.1 Time-Averaging for SAR

This WWAN/WLAN/BT Mode of DUT is equipped with an S.LSI chipset to which the Samsung S.LSI proprietary TAS (Time Average SAR) algorithm is applied.

This DUT is enabled with the Samsung S.LSI proprietary TAS (Time Average SAR) algorithm for WWAN/WLAN/BT Mode and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliance with the FCC requirement

FCC RF exposure limit is based on time averaged RF exposure. The SAR regulatory specification is defined over certain measurement duration allowing for time-averaging. The Samsung S.LSI proprietary TAS (Time Average SAR) algorithm has been designed to meet the compliance limits over the required duration, while still allowing dynamic control of transmit power to satisfy the performance of the system.

This feature performs time averaging SAR algorithm in real time to control and manage transmitting power and ensure the time-averaged RF exposure is compliance with FCC requirements all the time.

The S.LSI TAS algorithms, implemented in WWAN and WLAN modes respectively, are independent and always comply with the FCC's RF exposure limit. Only the NFC mode of the device did not apply the time averaged SAR algorithm.

The Samsung S.LSI TAS algorithm allow the device to transmit at higher power instantaneously, as high as Pmax, when needed, but enforces power limiting to maintain time-averaged transmit power to Plimit. Below table shows Plimit NV settings and maximum tune up output power Pmax configured for this DUT for various transmit conditions (Radio SAR indicator RSI for Head/Non-Head SAR of WWAN/WLAN/BT Mode).

The purpose of this report is to demonstrate that the DUT meets FCC SAR limits when transmitting in static transmission configurations at Plimit specified by manufacturer.

SAR Characterization confirms that Plimit in the 4G/5G/WLAN/WLAN/BT communication mode declared by the manufacturer satisfies SAR_Design_target.

The compliance test under the static transmission scenario and simultaneous transmission analysis are reported in SAR report for WWAN/WLAN/BT. The validation of The Samsung S.LSI proprietary TAS (Time Average SAR) algorithm and compliance under the time- varying transmission scenario for WWAN technologies are reported in A3LSMA376B_SAR Part 2 Report_Main report.

2.2 Nomenclature for Part 0 Report

Technology	Term	Description
2G/3G/4G/5G Sub 6 NR/WLAN	Plimit	Power level that corresponds to the exposure design target (SAR_design_target) after accounting for all device design related uncertainties
	Pmax	Maximum tune up output power
	SAR_design_target	Target SAR level < FCC SAR limit after accounting for all device design related uncertainties.
	SAR Char	Table containing Plimit for all technologies and bands

3. SAR MEASUREMENTS

3.1 SAR Definition

Specific Absorption Rate (SAR) is defined as the time derivative of the incremental electromagnetic energy (dU) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density (ρ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body

$$SAR = \frac{d}{dt} \left(\frac{dU}{dm} \right)$$

SAR Mathematical Equation

SAR is expressed in units of Watts per Kilogram (W/kg).

$$SAR = \sigma E^2 / \rho$$

Where:

σ = conductivity of the tissue-simulant material (S/m)

ρ = mass density of the tissue-simulant material (kg/m³)

E = Total RMS electric field strength (V/m)

NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relations to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.

3.2 SAR Measurement Procedure

The evaluation was performed using the following procedure compliant to FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013:

1. The SAR distribution at the exposed side of the head or body was measured at a distance no more than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the DUT's head and body area and the horizontal grid resolution was depending on the FCC KDB 865664 D01v01r04 (see table 3-1) & IEEE 1528-2013.
2. Based on step, the area of the maximum absorption was determined by sophisticated interpolations routines implemented in DASY software. When an Area Scan has measured all reachable point. DASY system computes the field maximal found in the scanned are, within a range of the maximum. SAR at this fixed point was measured and used as a reference value.
3. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB 865664 D01v01r04 table 4-1 and IEEE 1528-2013. On the basis of this data set, the spatial peak SAR value was evaluated with the following procedure (reference from the DASY manual.)
 - a. The data at the surface were extrapolated, since the center of the dipoles is no more than 2.7 mm away from the tip of the probe (it is different from the probe type) and the distance between the surface and the lowest measuring point is 1.2 mm. The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.
 - b. The maximum interpolated value was searched with a straight-forward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed using the 3D-Spline interpolation algorithm. The 3D-spline is composed of three one-dimensional splines with the "Not a knot" condition (in x, y, and z directions. The volume was integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.
 - c. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.
4. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan. If the value changed by more than 5 %, the SAR evaluation and drift measurements were repeated.

Table 3-1

Frequency	Maximum Area Scan Resolution(mm) (Δx_{area} , Δy_{area})	Maximum Zoom Scan Resolution (mm) (Δx_{zoom} , Δy_{zoom})	Maximum Zoom Scan Spatial			Minimum Zoom Scan Volume (mm) (x,y,z)
			Uniform Grid $\Delta z_{zoom}(n)$	Graded Grid		
				$\Delta z_{zoom}(1)^*$	$\Delta z_{zoom}(n>1)^*$	
≤ 2 GHz	≤ 15	≤ 8	≤ 5	≤ 4	$\leq 1.5^* \Delta z_{zoom}(n-1)$	≥ 30
2-3 GHz	≤ 12	≤ 5	≤ 5	≤ 4	$\leq 1.5^* \Delta z_{zoom}(n-1)$	≥ 30
3-4 GHz	≤ 12	≤ 5	≤ 4	≤ 3	$\leq 1.5^* \Delta z_{zoom}(n-1)$	≥ 28
4-5 GHz	≤ 10	≤ 4	≤ 3	≤ 2.5	$\leq 1.5^* \Delta z_{zoom}(n-1)$	≥ 25
5-6 GHz	≤ 10	≤ 4	≤ 2	≤ 2	$\leq 1.5^* \Delta z_{zoom}(n-1)$	≥ 22

Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04*

4. SAR CHARACTERIZATION

4.1 RSI and SAR Determination

This device uses different Radio SAR Index (RSI) to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the smartphone, the worst-case SAR was determined by measurements for the relevant exposure conditions for that RSI. Detailed descriptions of the detection mechanisms are included in the operational description.

When 1g SAR and 10g SAR exposure comparison is needed, the worst-case was determined from SAR normalized to 1g or 10g SAR limit.

The Radio SAR Index (RSI) conditions used in Table 4-1 represent different exposure scenarios.

Table 4-1 RSI and Corresponding Exposure Scenarios

Scenario		Description	SAR Test Cases
Head	RSI = 1	Device positioned next to head When RCV is activated for voice call	Head SAR per KDB Publication 648474 D04
Non – Head	RSI = 0 (Body)	Device is held with hand Device transmits in hotspot mode near body Device being used with a body-worn accessory Device being used with a Earjack	Phablet SAR per KDB Publication 648474 D04 Hotspot SAR per KDB Publication 941225 D06 Body-worn SAR per KDB Publication 648474 D04

4.2 SAR Design Target

SAR_design_target is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer (see Table 4-2, 4-3).

<i>SAR_design_target</i>			
$SAR_design_target < SAR_regulatory_limit \times 10^{Total\ Uncertainty/10}$			
1g SAR (W/kg)		10g SAR (W/kg)	
<i>Total Uncertainty</i>	1.0 dB	<i>Total Uncertainty</i>	1.0 dB
<i>SAR_regulatory_limit</i>	1.6 W/kg	<i>SAR_regulatory_limit</i>	4.0 W/kg
<i>SAR_design_target</i>	1.0 W/kg	<i>SAR_design_target</i>	2.5 W/kg

Table 4-2.1 *SAR_design_target* Calculations for WWAN Bands

<i>SAR_design_target</i>			
$SAR_design_target < SAR_regulatory_limit \times 10^{Total\ Uncertainty/10}$			
WLAN 1g SAR (W/kg)		10g SAR (W/kg)	
<i>Total Uncertainty</i>	1.0 dB	<i>Total Uncertainty</i>	1.0 dB
<i>SAR_regulatory_limit</i>	1.6 W/kg	<i>SAR_regulatory_limit</i>	4.0 W/kg
<i>SAR_design_target</i>	0.8 W/kg	<i>SAR_design_target</i>	2.0 W/kg

Table 4-2.2 *WLAN SAR_design_target* Calculations

4.3 SAR Characterization

SAR test results corresponding to Pmax for each antenna/technology/band/RSI can be found in Appendix A. Plimit is calculated by linearly scaling with the measured SAR at the Pmax to correspond to the SAR_design_target. Plimit determination for each exposure scenario corresponding to SAR_design_target are shown in Table 4-3.

Plim values in green indicate Plimit < Pmax							Plim values in grey indicate Plimit > Pmax	
Plimit corresponding to 1 W/kg (1g) 2.5W/kg(10g) SAR Design_target							Pmax	
SAR Exposure Position			Bodyworn (Non-Head)	Head (RCV ON)	Hotspot	Phablet	Maximum Tune-up Output Power (Frame Averaged Power) [dBm]	
Averaging volume			1g	1g	1g	10g		
separation Distance			5 mm	0 mm	5 mm / 10mm	0 mm		
Mode	Band	Antenna	RSI=0	RSI=1	RSI=0	RSI=0		
GSM/GPRS/EDGE	850	A	21.5	31.4	21.5	21.5	25.3	
GSM/GPRS/EDGE	1900	B	18.0	33.2	18.0	18.0	22.6	
UMTS	2	B	18.0	37.6	18.0	18.0	24.0	
UMTS	4	B	19.0	38.2	19.0	19.0	24.0	
UMTS	5	A	21.5	24.0	21.5	21.5	24.5	
LTE FDD	12	A	22.0	32.4	22.0	22.0	24.5	
LTE FDD	13	A	23.5	32.8	23.5	23.5	24.0	
LTE FDD	25/2	B	18.0	32.1	18.0	18.0	24.0	
LTE FDD	25/2	F	18.0	17.0	18.0	18.0	24.0	
LTE FDD	26	A	21.5	33.5	21.5	21.5	24.5	
LTE TDD	41	B	17.5	33.0	17.5	17.5	22.0	
LTE FDD	66/4	B	18.0	31.7	18.0	18.0	24.0	
LTE FDD	66/4	F	17.0	17.0	17.0	17.0	24.0	
NR FDD	5	A	21.5	34.2	21.5	21.5	24.5	
NR TDD	41	B	17.5	17.5	17.5	17.5	24.0	
NR TDD	41	F	17.5	17.5	17.5	17.5	21.0	
NR TDD	41	H	17.5	17.5	17.5	17.5	20.0	
NR TDD	41	E	17.5	17.5	17.5	17.5	19.0	
NR FDD	66	B	18.0	34.3	18.0	18.0	24.0	
NR FDD	66	F	17.0	17.0	17.0	17.0	24.0	
NR TDD	77	G	15.0	14.0	15.0	15.0	26.0	
NR TDD	77 DOD	G	15.0	14.0	15.0	15.0	26.0	

Plim values in green indicate Plimit < Pmax							Plim values in grey indicate Plimit > Pmax	
Plimit corresponding to 0.8 W/kg (1g) 2.0W/kg(10g) SAR Design_target							Pmax	
SAR Exposure Position			Bodyworn (Non-Head)	Head (RCV ON)	Hotspot	Phablet	Maximum Tune-up Output Power (Frame Averaged Power) [dBm]	
Averaging volume			1g	1g	1g	10g		
separation Distance			5 mm	0 mm	5 mm/10mm	0 mm		
Mode	Band	Antenna	RSI=0	RSI=1	RSI=0	RSI=0		
WLAN	2.4	H	14.0	13.0	14.0	14.0	17.0	
WLAN	2.4	H+J	17.0	16.0	17.0	17.0	20.0	
WLAN	5	G	11.0	8.0	11.0	11.0	15.0	
WLAN	5	G+I	14.0	11.0	14.0	14.0	18.0	
BT	2.4	H	17.5	11.0	17.5	18.3	13.0	

Table 4-3 SAR Characterization

Note

1. all Plimit and maximum tune up output power Pmax levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (for e.g., GSM, LTE TDD, 5G NR TDD).
2. The maximum time-averaged output power (dBm) for any 2G/3G/4G/5G WWAN and WLAN technology, band, and SAR Exposure condition = minimum of "Plimit" and "Maximum tune up output power: "Pmax" + 1dB device uncertainty.
3. The maximum time averaged output power means Plimit for each mode SAR values in this report were scaled to the maximum allowed output power to determine compliance per KDB Publication 447498 D01v06.
4. Bluetooth operate on the peak power mode.

5. SAR Test Equipment List

Manufacturer	Type / Model	S/N	Calib. Date	Calib.Interval	Calib.Due
SPEAG	SAM Phantom	-	N/A	N/A	N/A
SPEAG	ELI Phantom	-	N/A	N/A	N/A
HP	SAR System Control PC	-	N/A	N/A	N/A
Staubli	CS8Cspeag-TX90	F12/5K9GA1/C/01	N/A	N/A	N/A
Staubli	CS8Cspeag-TX90	F11/5K3RA1/C/01	N/A	N/A	N/A
Staubli	CS8Cspeag-TX90	F/24/0058554/C/001	N/A	N/A	N/A
Staubli	CS8Cspeag-TX90	F17/59CHA1/C/01	N/A	N/A	N/A
Staubli	TX90 XLSpeag	F12/5K9GA1/A/01	N/A	N/A	N/A
Staubli	TX90 Lspeag	F11/5K3RA1/A/01	N/A	N/A	N/A
Staubli	TX90 XLSpeag	F/24/0058554/A/001	N/A	N/A	N/A
Staubli	TX90 XLSpeag	F17/59CHA1/A/01	N/A	N/A	N/A
Staubli	Teach Pendant (Joystick)	S-1206 0513	N/A	N/A	N/A
Staubli	Teach Pendant (Joystick)	S-1203 0309	N/A	N/A	N/A
Staubli	Teach Pendant (Joystick)	D21144508	N/A	N/A	N/A
Staubli	Teach Pendant (Joystick)	010963	N/A	N/A	N/A
TESTO	175-H1/Thermometer	40331936309	12/26/2024	Annual	12/26/2025
TESTO	175-H1/Thermometer	40331939309	12/26/2024	Annual	12/26/2025
TESTO	175-H1/Thermometer	40331915309	12/26/2024	Annual	12/26/2025
SPEAG	DAE4	868	09/16/2025	Annual	09/16/2026
SPEAG	DAE4	1417	02/18/2025	Annual	02/18/2026
SPEAG	DAE4	446	03/19/2025	Annual	03/19/2026
SPEAG	DAE4	1720	04/23/2025	Annual	04/23/2026
SPEAG	E-Field Probe EX3DV4	7732	06/25/2025	Annual	06/25/2026
SPEAG	E-Field Probe EX3DV4	3797	01/21/2025	Annual	01/21/2026
SPEAG	E-Field Probe EX3DV4	3903	07/23/2025	Annual	07/23/2026
SPEAG	E-Field Probe ES3DV3	7654	06/02/2025	Annual	06/02/2026
SPEAG	E-Field Probe EX3DV4	3076	07/22/2025	Annual	07/22/2026
SPEAG	CLA13	1016	11/13/2025	Annual	11/13/2026
SPEAG	Dipole D750V3	1014	05/20/2025	Annual	05/20/2026
SPEAG	Dipole D835V2	441	04/18/2024	Biennial	04/18/2026
SPEAG	Dipole D1800V2	2d015	04/17/2025	Annual	04/17/2026
SPEAG	Dipole D1900V2	5d061	01/20/2025	Annual	01/20/2026
SPEAG	Dipole D2450V2	1049	03/13/2025	Annual	03/13/2026
SPEAG	Dipole D2600V2	1106	04/15/2025	Annual	04/15/2026
SPEAG	Dipole D3500V2	1040	01/16/2025	Annual	01/16/2026
SPEAG	Dipole D3700V2	1066	09/15/2025	Annual	09/15/2026
SPEAG	Dipole D3900V2	1019	05/21/2025	Annual	05/21/2026
SPEAG	Dipole D5GHzV2	1107	04/19/2024	Biennial	04/19/2026
Agilent	Power Meter E4419B	MY41291386	09/13/2025	Annual	09/13/2026
Agilent	Power Meter N1911A	MY45101406	05/19/2025	Annual	05/19/2026
Agilent	Power Sensor 8481A	SG1091286	09/09/2025	Annual	09/09/2026
H.P	Power Sensor 8481A	MY41090873	01/13/2025	Annual	01/13/2026
Agilent	Wideband Power Sensor N1921A	MY55220026	08/07/2025	Annual	08/07/2026
Agilent	11636B/Power Divider	58698	01/13/2025	Annual	01/13/2026
SPEAG	DAKS 3.5	1038	01/20/2025	Annual	01/20/2026
KEYSIGHT	MXA Signal Analyzer	MY49100108	01/07/2025	Annual	01/07/2026
H.P	Network Analyzer /8753E	JP38451384	08/19/2025	Annual	08/19/2026
Protek	NETWORK ANALYZER	X11-15305	02/10/2025	Annual	02/10/2026
Agilent	WIRELESS COMMUNICATION E5515C	MY48361100	09/15/2025	Annual	09/15/2026
Agilent	WIRELESS COMMUNICATION E5515C	MY48360252	07/29/2025	Annual	07/29/2026

Manufacturer	Type / Model	S/N	Calib. Date	Calib.Interval	Calib.Due
R&S	Wireless Communication Test Set CMW500	115733	03/20/2025	Annual	03/20/2026
Agilent	SIGNAL GENERATOR N5182A	MY47070230	03/18/2025	Annual	03/18/2026
EMPOWER	RF Power Amplifier	1084	05/20/2025	Annual	05/20/2026
EMPOWER	RF Power Amplifier	1041D/C0508	05/20/2025	Annual	05/20/2026
EMPOWER	RF Power Amplifier	1011	09/15/2025	Annual	09/15/2026
MICRO LAB	LP Filter / LA-15N	10453	09/15/2025	Annual	09/15/2026
MICRO LAB	LP Filter / LA-30N	-	09/15/2025	Annual	09/15/2026
MICRO LAB	LP Filter / LA-60N	32011	09/15/2025	Annual	09/15/2026
Agilent	Attenuator (3dB) 8493B	MY39260298	08/18/2025	Annual	08/18/2026
HP	Attenuator (20dB) 8493C	09271	08/18/2025	Annual	08/18/2026
RF COREA	Attenuator (30dB)	A-0830	06/24/2025	Annual	06/24/2026
Agilent	Directional Bridge 86205A	3140A04581	04/18/2025	Annual	04/18/2026
Agilent	MXA Signal Analyzer N9020A	MY50510407	06/09/2025	Annual	06/09/2026
HP	Dual Directional Coupler	16072	09/15/2025	Annual	09/15/2026
HP	Dual Directional Coupler	16072	09/15/2025	Annual	09/15/2026
Anritsu	Radio Communication Test Station MT8000A	6262036812	11/24/2025	Annual	11/24/2026
Anritsu	Radio Communication Test Station MT8000A	6262148305	12/23/2024	Annual	12/23/2025
Anritsu	Radio Communication Tester MT8820C	6201074225	01/13/2025	Annual	01/13/2026
Anritsu	Radio Communication Tester MT8820C	6200695605	03/21/2025	Annual	03/21/2026
Anritsu	Radio Communication Tester MT8821C	6201502997	05/21/2025	Annual	05/21/2026
Anritsu	Radio Communication Tester MT8821C	6201664725	01/13/2025	Annual	01/13/2026
Agilent	WIRELESS COMMUNICATION E5515C	MY50260992	05/20/2025	Annual	05/20/2026
ROHDE&SCHWARZ	BLUETOOTH TESTER CBT	100272	01/13/2025	Annual	01/13/2026

Note: All measurements were performed within the valid calibration period of the specific equipment.

* The E-field probe was calibrated by SPEAG, by the waveguide technique procedure. Dipole Verification measurement is performed by HCT Lab. before each test. The brain/body simulating material is calibrated by HCT using the DAKS 3.5 to determine the conductivity and permittivity (dielectric constant) of the brain/body-equivalent material.

6. Measurement Uncertainty

The measured SAR was <1.5 W/Kg for 1g SAR and <3.75 W/Kg, for 10g SAR for all frequency Bands. Therefore, per KDB Publication 865664 D01v01r04, the extended measurement uncertainty analysis per IEEE1528-2013 was not required.

Appendix A: SAR Test Results For Plimit CALCULATIONS

Table A-1 RSI = 1 *PLimit* Calculations – 2G/3G Head SAR

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
836.6	190	GSM 850	GPRS 4TX	A	24.74	LEFT CHEEK	1:2.07	0.169	32.5	31.4
836.6	190	GSM 850	GPRS 4TX	A	24.74	LEFT TILT	1:2.07	0.106	34.5	
836.6	190	GSM 850	GPRS 4TX	A	24.74	RIGHT CHEEK	1:2.07	0.218	31.4	
836.6	190	GSM 850	GPRS 4TX	A	24.74	RIGHT TILT	1:2.07	0.112	34.2	
1 880	661	GSM 1900	GPRS 3TX	B	21.97	LEFT CHEEK	1:2.77	0.075	33.2	33.2
1 880	661	GSM 1900	GPRS 3TX	B	21.97	LEFT TILT	1:2.77	0.059	34.3	
1 880	661	GSM 1900	GPRS 3TX	B	21.97	RIGHT CHEEK	1:2.77	0.059	34.3	
1 880	661	GSM 1900	GPRS 3TX	B	21.97	RIGHT TILT	1:2.77	0.054	34.6	
1 880	9400	UMTS 2	RMC	B	23.06	LEFT CHEEK	1:1	0.035	37.6	37.6
1 880	9400	UMTS 2	RMC	B	23.06	LEFT TILT	1:1	0.022	39.6	
1 880	9400	UMTS 2	RMC	B	23.06	RIGHT CHEEK	1:1	0.031	38.1	
1 880	9400	UMTS 2	RMC	B	23.06	RIGHT TILT	1:1	0.020	40.0	
1 732.4	1412	UMTS 4	RMC	B	24.13	LEFT CHEEK	1:1	0.038	38.3	38.2
1 732.4	1412	UMTS 4	RMC	B	24.13	LEFT TILT	1:1	0.026	40.0	
1 732.4	1412	UMTS 4	RMC	B	24.13	RIGHT CHEEK	1:1	0.039	38.2	
1 732.4	1412	UMTS 4	RMC	B	24.13	RIGHT TILT	1:1	0.026	40.0	
836.6	4183	UMTS 5	RMC	A	23.55	LEFT CHEEK	1:1	0.076	34.7	34.3
836.6	4183	UMTS 5	RMC	A	23.55	LEFT TILT	1:1	0.046	36.9	
836.6	4183	UMTS 5	RMC	A	23.55	RIGHT CHEEK	1:1	0.085	34.3	
836.6	4183	UMTS 5	RMC	A	23.55	RIGHT TILT	1:1	0.061	35.7	

Table A-2 RSI = 1 *PLimit* Calculations – 4G Head SAR

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
707.5	23095	LTE 12	QPSK	A	25.27	LEFT CHEEK	1:1	0.167	33.0	32.4
707.5	23095	LTE 12	QPSK	A	25.27	LEFT TILT	1:1	0.106	35.0	
707.5	23095	LTE 12	QPSK	A	25.27	RIGHT CHEEK	1:1	0.194	32.4	
707.5	23095	LTE 12	QPSK	A	25.27	RIGHT TILT	1:1	0.102	35.2	
782	23230	LTE 13	QPSK	A	23.97	LEFT CHEEK	1:1	0.129	32.9	32.8
782	23230	LTE 13	QPSK	A	23.97	LEFT TILT	1:1	0.073	35.3	
782	23230	LTE 13	QPSK	A	23.97	RIGHT CHEEK	1:1	0.130	32.8	
782	23230	LTE 13	QPSK	A	23.97	RIGHT TILT	1:1	0.079	35.0	
1 860	26140	LTE 25	QPSK	B	24.36	LEFT CHEEK	1:1	0.145	32.7	32.1
1 860	26140	LTE 25	QPSK	B	24.36	LEFT TILT	1:1	0.097	34.5	
1 860	26140	LTE 25	QPSK	B	24.36	RIGHT CHEEK	1:1	0.170	32.1	
1 860	26140	LTE 25	QPSK	B	24.36	RIGHT TILT	1:1	0.118	33.6	
1 905	26590	LTE 25	QPSK	F	17.21	LEFT CHEEK	1:1	0.236	23.5	20.8
1 905	26590	LTE 25	QPSK	F	17.21	LEFT TILT	1:1	0.298	22.5	
1 905	26590	LTE 25	QPSK	F	17.21	RIGHT CHEEK	1:1	0.411	21.1	
1 905	26590	LTE 25	QPSK	F	17.21	RIGHT TILT	1:1	0.441	20.8	
831.5	26865	LTE 26	QPSK	A	24.98	LEFT CHEEK	1:1	0.103	34.9	33.5
831.5	26865	LTE 26	QPSK	A	24.98	LEFT TILT	1:1	0.057	37.4	
831.5	26865	LTE 26	QPSK	A	24.98	RIGHT CHEEK	1:1	0.142	33.5	
831.5	26865	LTE 26	QPSK	A	24.98	RIGHT TILT	1:1	0.068	36.7	
2 549.5	40185	LTE 41	QPSK	B	22.13	LEFT CHEEK	1:1.58	0.081	33.0	33.0
2 549.5	40185	LTE 41	QPSK	B	22.13	LEFT TILT	1:1.58	0.027	37.8	
2 549.5	40185	LTE 41	QPSK	B	22.13	RIGHT CHEEK	1:1.58	0.077	33.3	
2 549.5	40185	LTE 41	QPSK	B	22.13	RIGHT TILT	1:1.58	0.061	34.3	
1 770	132572	LTE 66	QPSK	B	23.76	LEFT CHEEK	1:1	0.145	32.1	31.7
1 770	132572	LTE 66	QPSK	B	23.76	LEFT TILT	1:1	0.099	33.8	
1 770	132572	LTE 66	QPSK	B	23.76	RIGHT CHEEK	1:1	0.159	31.7	
1 770	132572	LTE 66	QPSK	B	23.76	RIGHT TILT	1:1	0.107	33.5	
1 745	132322	LTE 66	QPSK	F	17.18	LEFT CHEEK	1:1	0.338	21.9	19.6
1 745	132322	LTE 66	QPSK	F	17.23	LEFT TILT	1:1	0.368	21.6	
1 745	132322	LTE 66	QPSK	F	17.23	RIGHT CHEEK	1:1	0.532	20.0	
1 745	132322	LTE 66	QPSK	F	17.18	RIGHT TILT	1:1	0.567	19.6	

Table A-3 RSI = 1 *PLimit* Calculations – NR Head SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

NR TDD Bands : In the case of the NR TDD bands, the *PLimit* were calculated as the Frame average power to which the duty factor was applied to the burst power.

SAR measurements of all NR TDD bands were measured in FTM Mode.

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power (dBm)	Test Position	Duty Cycle	Meas. 1g SAR (W/kg)	Plimit	Minimum
836.5	167300	NR N5	DFT-S QPSK	A	24.84	LEFT CHEEK	1:1	0.081	35.8	34.2
836.5	167300	NR N5	DFT-S QPSK	A	24.84	LEFT TILT	1:1	0.053	37.6	
836.5	167300	NR N5	DFT-S QPSK	A	24.77	RIGHT CHEEK	1:1	0.114	34.2	
836.5	167300	NR N5	DFT-S QPSK	A	24.77	RIGHT TILT	1:1	0.065	36.6	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.76	LEFT CHEEK	1:1	0.039	31.8	31.8
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	LEFT TILT	1:1	0.00441	41.8	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.76	RIGHT CHEEK	1:1	0.019	35.0	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.76	RIGHT TILT	1:1	0.00829	38.7	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	LEFT CHEEK	1:1	0.286	23.0	20.3
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	LEFT TILT	1:1	0.276	23.1	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	RIGHT CHEEK	1:1	0.474	20.8	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	RIGHT TILT	1:1	0.527	20.3	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	LEFT CHEEK	1:1	0.162	25.4	20.7
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	LEFT TILT	1:1	0.128	26.4	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	RIGHT CHEEK	1:1	0.474	20.7	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	RIGHT TILT	1:1	0.274	23.1	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	LEFT CHEEK	1:1	0.142	26.3	26.3
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	LEFT TILT	1:1	0.106	27.6	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	RIGHT CHEEK	1:1	0.0209	34.6	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	RIGHT TILT	1:1	0.026	33.7	
1 745	349000	NR N66	DFT-S QPSK	B	24.46	LEFT CHEEK	1:1	0.103	34.3	34.3
1 745	349000	NR N66	DFT-S QPSK	B	24.46	LEFT TILT	1:1	0.074	35.8	
1 745	349000	NR N66	DFT-S QPSK	B	24.46	RIGHT CHEEK	1:1	0.104	34.3	
1 745	349000	NR N66	DFT-S QPSK	B	24.46	RIGHT TILT	1:1	0.074	35.8	
1 745	349000	NR N66	DFT-S QPSK	F	17.23	LEFT CHEEK	1:1	0.360	21.7	19.6
1 745	349000	NR N66	DFT-S QPSK	F	17.23	LEFT TILT	1:1	0.367	21.6	
1 745	349000	NR N66	DFT-S QPSK	F	17.27	RIGHT CHEEK	1:1	0.570	19.7	
1 745	349000	NR N66	DFT-S QPSK	F	17.23	RIGHT TILT	1:1	0.574	19.6	
3 750	650000	NR N77	DFT-S QPSK	G	13.96	LEFT CHEEK	1:1	0.083	24.8	18.2
3 750	650000	NR N77	DFT-S QPSK	G	13.96	LEFT TILT	1:1	0.073	25.3	
3 750	650000	NR N77	CP QPSK	G	14.05	RIGHT CHEEK	1:1	0.384	18.2	
3 750	650000	NR N77	DFT-S QPSK	G	14.11	RIGHT TILT	1:1	0.199	21.1	
3 500.01	633334	NR N77	DFT-S QPSK	G	13.85	RIGHT CHEEK	1:1	0.434	17.5	17.5

Table A-4 RSI = 1 *PLimit* Calculations – WLAN Head SAR

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power (dBm)	Test Position	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
2 437	6	2.4GHZ WLAN	802.11b	H	13.60	LEFT CHEEK	98.9	0.091	23.0	16.8
2 437	6	2.4GHZ WLAN	802.11b	H	13.60	LEFT TILT	98.9	0.062	24.7	
2 437	6	2.4GHZ WLAN	802.11b	H	13.60	RIGHT CHEEK	98.9	0.384	16.8	
2 437	6	2.4GHZ WLAN	802.11b	H	13.60	RIGHT TILT	98.9	0.133	21.4	
2 437	6	2.4GHZ WLAN	802.11b	H+J	16.59	LEFT CHEEK	98.9	0.145	24.0	19.9
2 437	6	2.4GHZ WLAN	802.11b	H+J	16.59	LEFT TILT	98.9	0.067	27.4	
2 437	6	2.4GHZ WLAN	802.11b	H+J	16.59	RIGHT CHEEK	98.9	0.373	19.9	
2 437	6	2.4GHZ WLAN	802.11b	H+J	16.59	RIGHT TILT	98.9	0.133	24.4	
5 290	58	UNII 2A	802.11ac	G	8.98	LEFT CHEEK	86.0	0.000	N/A	18.3
5 290	58	UNII 2A	802.11ac	G	8.98	LEFT TILT	86.0	0.015	26.3	
5 290	58	UNII 2A	802.11ac	G	8.98	RIGHT CHEEK	86.0	0.093	18.3	
5 290	58	UNII 2A	802.11ac	G	8.98	RIGHT TILT	86.0	0.054	20.7	
5 290	58	UNII 2A	802.11ac	G+I	11.38	LEFT CHEEK	86.0	0.00078	40.4	18.8
5 290	58	UNII 2A	802.11ac	G+I	11.38	LEFT TILT	86.0	0.0137	28.9	
5 290	58	UNII 2A	802.11ac	G+I	11.38	RIGHT CHEEK	86.0	0.144	18.8	
5 290	58	UNII 2A	802.11ac	G+I	11.38	RIGHT TILT	86.0	0.048	23.6	
5 690	138	UNII 2C	802.11ac	G	8.96	LEFT CHEEK	86.0	0.042	21.8	17.6
5 690	138	UNII 2C	802.11ac	G	8.96	LEFT TILT	86.0	0.048	21.2	
5 690	138	UNII 2C	802.11ac	G	8.96	RIGHT CHEEK	86.0	0.109	17.6	
5 690	138	UNII 2C	802.11ac	G	8.96	RIGHT TILT	86.0	0.102	17.9	
5 690	138	UNII 2C	802.11ac	G+I	11.34	LEFT CHEEK	86.0	0.020	27.4	18.4
5 690	138	UNII 2C	802.11ac	G+I	11.34	LEFT TILT	86.0	0.023	26.8	
5 690	138	UNII 2C	802.11ac	G+I	11.34	RIGHT CHEEK	86.0	0.158	18.4	
5 690	138	UNII 2C	802.11ac	G+I	11.34	RIGHT TILT	86.0	0.067	22.1	
5 775	155	UNII 3	802.11ac	G	8.98	LEFT CHEEK	86.0	0.022	24.6	17.9
5 775	155	UNII 3	802.11ac	G	8.98	LEFT TILT	86.0	0.023	24.4	
5 775	155	UNII 3	802.11ac	G	8.98	RIGHT CHEEK	86.0	0.100	18.0	
5 775	155	UNII 3	802.11ac	G	8.98	RIGHT TILT	86.0	0.103	17.9	
5 775	155	UNII 3	802.11ac	G+I	11.54	LEFT CHEEK	86.0	0.000	N/A	18.3
5 775	155	UNII 3	802.11ac	G+I	11.54	LEFT TILT	86.0	0.000	N/A	
5 775	155	UNII 3	802.11ac	G+I	11.54	RIGHT CHEEK	86.0	0.167	18.3	
5 775	155	UNII 3	802.11ac	G+I	11.54	RIGHT TILT	86.0	0.040	24.6	
5 855	171	UNII 4	802.11ac	G	8.95	LEFT CHEEK	86.0	0.000	N/A	19.6
5 855	171	UNII 4	802.11ac	G	8.95	LEFT TILT	86.0	0.020	25.0	
5 855	171	UNII 4	802.11ac	G	8.95	RIGHT CHEEK	86.0	0.069	19.6	
5 855	171	UNII 4	802.11ac	G	8.95	RIGHT TILT	86.0	0.024	24.2	
5 855	171	UNII 4	802.11ac	G+I	11.79	LEFT CHEEK	86.0	0.000	N/A	18.3
5 855	171	UNII 4	802.11ac	G+I	11.79	LEFT TILT	86.0	0.00776	31.8	
5 855	171	UNII 4	802.11ac	G+I	11.79	RIGHT CHEEK	86.0	0.179	18.3	
5 855	171	UNII 4	802.11ac	G+I	11.79	RIGHT TILT	86.0	0.023	27.2	

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power (dBm)	Test Position	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
2 480	78	BLUETOOTH	2-DH5	H	11.99	LEFT CHEEK	77.3	0.104	20.9	16.0
2 480	78	BLUETOOTH	2-DH5	H	11.99	LEFT TILT	77.3	0.071	22.5	
2 480	78	BLUETOOTH	2-DH5	H	11.99	RIGHT CHEEK	77.3	0.316	16.0	
2 480	78	BLUETOOTH	2-DH5	H	11.99	RIGHT TILT	77.3	0.157	19.1	
2 440	17	BLUETOOTH LE	LE 125K(255)	H	10.87	LEFT CHEEK	97.5	0.051	22.8	16.8
2 440	17	BLUETOOTH LE	LE 125K(255)	H	10.87	LEFT TILT	97.5	0.048	23.1	
2 440	17	BLUETOOTH LE	LE 125K(255)	H	10.87	RIGHT CHEEK	97.5	0.203	16.8	
2 440	17	BLUETOOTH LE	LE 125K(255)	H	10.87	RIGHT TILT	97.5	0.099	19.9	

Table A-5 RSI = 0 *PLimit* Calculations – 2G/3G Body-Worn SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power (dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
824.2	128	GSM 850	GSM VOICE	A	21.05	REAR	5	1:8.3	0.691	22.7	22.7
836.6	190	GSM 850	GSM VOICE	A	21.09	FRONT	5	1:8.3	0.341	25.8	
1 880	661	GSM 1900	GSM VOICE	B	17.52	REAR	5	1:8.3	0.328	22.4	22.4
1 880	661	GSM 1900	GPRS 4TX	B	17.50	FRONT	5	1:2.07	0.170	25.2	
1 880	9400	UMTS 2	RMC	B	17.03	REAR	5	1:1	0.369	21.4	21.4
1 880	9400	UMTS 2	RMC	B	17.03	FRONT	5	1:1	0.161	25.0	
1 732.4	1412	UMTS 4	RMC	B	18.61	REAR	5	1:1	0.236	24.9	24.9
1 732.4	1412	UMTS 4	RMC	B	18.61	FRONT	5	1:1	0.146	27.0	
836.6	4183	UMTS 5	RMC	A	21.03	REAR	5	1:1	0.512	23.9	23.9
836.6	4183	UMTS 5	RMC	A	21.03	FRONT	5	1:1	0.367	25.4	

Table A-6 RSI = 0 *PLimit* Calculations – 4G Body-Worn SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
707.5	23095	LTE 12	QPSK	A	22.20	REAR	5	1:1	0.375	26.5	26.5
707.5	23095	LTE 12	QPSK	A	22.36	FRONT	5	1:1	0.220	28.9	
782	23230	LTE 13	QPSK	A	23.23	REAR	5	1:1	0.627	25.3	25.3
782	23230	LTE 13	QPSK	A	23.23	FRONT	5	1:1	0.386	27.4	
1 905	26590	LTE 25	QPSK	B	17.49	REAR	5	1:1	0.506	20.4	20.4
1 905	26590	LTE 25	QPSK	B	17.49	FRONT	5	1:1	0.270	23.2	
1 905	26590	LTE 25	QPSK	F	17.66	REAR	5	1:1	0.515	20.5	20.5
1 905	26590	LTE 25	QPSK	F	17.66	FRONT	5	1:1	0.289	23.1	
831.5	26865	LTE 26	QPSK	A	21.19	REAR	5	1:1	0.585	23.5	23.5
831.5	26865	LTE 26	QPSK	A	21.19	FRONT	5	1:1	0.360	25.6	
2 549.5	40185	LTE 41	QPSK	B	17.41	REAR	5	1:1.58	0.662	19.2	19.2
2 549.5	40185	LTE 41	QPSK	B	17.44	FRONT	5	1:1.58	0.326	22.3	
1 745	232322	LTE 66	QPSK	B	17.92	REAR	5	1:1	0.347	22.5	22.5
1 745	232322	LTE 66	QPSK	B	17.92	FRONT	5	1:1	0.277	23.5	
1 745	132322	LTE 66	QPSK	F	17.18	REAR	5	1:1	0.512	20.1	20.1
1 745	132322	LTE 66	QPSK	F	17.18	FRONT	5	1:1	0.237	23.4	

Table A-7 RSI = 0 *PLimit* Calculations – NR Body-Worn SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

NR TDD Bands : In the case of the NR TDD bands, the *PLimit* were calculated as the Frame average power to which the duty factor was applied to the burst power.

SAR measurements of all NR TDD bands were measured in FTM Mode.

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
836.5	167300	NR N5	DFT-S QPSK	A	21.24	REAR	5	1:1	0.552	23.8	23.8
836.5	167300	NR N5	DFT-S QPSK	A	21.24	FRONT	5	1:1	0.360	25.7	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	REAR	5	1:1	0.777	18.9	18.9
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	FRONT	5	1:1	0.414	21.7	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	REAR	5	1:1	0.349	22.1	22.1
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	FRONT	5	1:1	0.268	23.2	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	REAR	5	1:1	0.449	20.9	20.9
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	FRONT	5	1:1	0.285	22.9	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	REAR	5	1:1	0.200	24.8	24.8
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	FRONT	5	1:1	0.065	29.7	
1 745	349000	NR N66	DFT-S QPSK	B	17.81	REAR	5	1:1	0.354	22.3	22.3
1 745	349000	NR N66	DFT-S QPSK	B	17.81	FRONT	5	1:1	0.207	24.7	
1 745	349000	NR N66	CP QPSK	F	16.71	REAR	5	1:1	0.461	20.1	20.1
1 745	349000	NR N66	DFT-S QPSK	F	17.23	FRONT	5	1:1	0.282	22.7	
3 750	650000	NR N77	CP QPSK	G	15.04	REAR	5	1:1	0.407	18.9	18.9
3 750	650000	NR N77	DFT-S QPSK	G	15.05	FRONT	5	1:1	0.189	22.3	
3 500.01	633334	NR N77	DFT-S QPSK	G	14.89	REAR	5	1:1	0.368	19.2	19.2

Table A-8 RSI = 0 *PLimit* Calculations – WLAN Body-Worn SAR

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	REAR	5	98.9	0.511	16.8	16.8
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	FRONT	5	98.9	0.310	18.9	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	REAR	5	98.9	0.341	21.6	21.6
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	FRONT	5	98.9	0.208	23.8	
5 270	54	UNII 2A	802.11n	G	11.98	REAR	5	85.9	0.119	20.3	20.3
5 270	54	UNII 2A	802.11n	G	11.98	FRONT	5	85.9	0.054	23.7	
5 270	54	UNII 2A	802.11n	G+I	14.32	REAR	5	85.9	0.245	19.5	19.5
5 270	54	UNII 2A	802.11n	G+I	14.32	FRONT	5	85.9	0.108	23.0	
5 690	138	UNII 2C	802.11ac	G	11.83	REAR	5	86.0	0.192	18.0	18.0
5 690	138	UNII 2C	802.11ac	G	11.83	FRONT	5	86.0	0.090	21.3	
5 690	138	UNII 2C	802.11ac	G+I	14.11	REAR	5	86.0	0.201	20.1	20.1
5 690	138	UNII 2C	802.11ac	G+I	14.11	FRONT	5	86.0	0.088	23.7	
5 775	155	UNII 3	802.11ac	G	11.40	REAR	5	86.0	0.158	18.4	18.4
5 775	155	UNII 3	802.11ac	G	11.40	FRONT	5	86.0	0.070	22.0	
5 775	155	UNII 3	802.11ac	G+I	14.68	REAR	5	86.0	0.123	22.8	22.8
5 775	155	UNII 3	802.11ac	G+I	14.68	FRONT	5	86.0	0.094	24.0	
5 855	171	UNII 4	802.11ac	G	11.55	REAR	5	86.0	0.109	20.2	20.2
5 855	171	UNII 4	802.11ac	G	11.55	FRONT	5	86.0	0.053	23.3	
5 855	171	UNII 4	802.11ac	G+I	14.27	REAR	5	86.0	0.107	23.0	21.6
5 855	171	UNII 4	802.11ac	G+I	14.27	FRONT	5	86.0	0.147	21.6	
2 402	0	BLUETOOTH	DH5	H	13.87	REAR	5	77.3	0.350	17.5	17.5
2 402	0	BLUETOOTH	DH5	H	13.87	FRONT	5	77.3	0.221	19.5	
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	REAR	5	87.9	0.266	18.6	18.6
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	FRONT	5	87.9	0.235	19.1	

Table A-9 RSI = 0 *PLimit* Calculations – 2G/3G Hotspot SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

Freq.(MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
836.6	190	GSM 850	GPRS 4TX	A	20.64	REAR	5	1:2.07	0.428	24.3	24.3
836.6	190	GSM 850	GPRS 4TX	A	20.64	FRONT	5	1:2.07	0.236	26.9	
836.6	190	GSM 850	GPRS 4TX	A	20.64	RIGHT	10	1:2.07	0.106	30.4	
836.6	190	GSM 850	GPRS 4TX	A	20.64	BOTTOM	10	1:2.07	0.181	28.1	
1 880	661	GSM 1900	GPRS 4TX	B	17.50	REAR	5	1:2.07	0.292	22.8	22.8
1 880	661	GSM 1900	GPRS 4TX	B	17.50	FRONT	5	1:2.07	0.170	25.2	
1 880	661	GSM 1900	GPRS 4TX	B	17.50	LEFT	10	1:2.07	0.043	31.2	
1 880	661	GSM 1900	GPRS 4TX	B	17.50	BOTTOM	10	1:2.07	0.197	24.6	
1 880	9400	UMTS 2	RMC	B	17.03	REAR	5	1:1	0.369	21.4	21.4
1 880	9400	UMTS 2	RMC	B	17.03	FRONT	5	1:1	0.161	25.0	
1 880	9400	UMTS 2	RMC	B	17.03	LEFT	10	1:1	0.065	28.9	
1 880	9400	UMTS 2	RMC	B	17.03	BOTTOM	10	1:1	0.227	23.5	
1 732.4	1412	UMTS 4	RMC	B	18.61	REAR	5	1:1	0.236	24.9	24.9
1 732.4	1412	UMTS 4	RMC	B	18.61	FRONT	5	1:1	0.146	27.0	
1 732.4	1412	UMTS 4	RMC	B	18.61	LEFT	10	1:1	0.039	32.7	
1 732.4	1412	UMTS 4	RMC	B	18.61	BOTTOM	10	1:1	0.156	26.7	
836.6	4183	UMTS 5	RMC	A	21.03	REAR	5	1:1	0.512	23.9	23.9
836.6	4183	UMTS 5	RMC	A	21.03	FRONT	5	1:1	0.367	25.4	
836.6	4183	UMTS 5	RMC	A	21.03	RIGHT	10	1:1	0.127	30.0	
836.6	4183	UMTS 5	RMC	A	21.03	BOTTOM	10	1:1	0.217	27.7	

Table A-10 RSI = 0 *PLimit* Calculations – 4G Hotspot SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	PLimit	Minimum
707.5	23095	LTE 12	QPSK	A	22.20	REAR	5	1:1	0.375	26.5	26.5
707.5	23095	LTE 12	QPSK	A	22.36	FRONT	5	1:1	0.220	28.9	
707.5	23095	LTE 12	QPSK	A	22.36	RIGHT	10	1:1	0.156	30.4	
707.5	23095	LTE 12	QPSK	A	22.20	BOTTOM	10	1:1	0.156	30.3	
782	23230	LTE 13	QPSK	A	23.23	REAR	5	1:1	0.627	25.3	25.3
782	23230	LTE 13	QPSK	A	23.23	FRONT	5	1:1	0.386	27.4	
782	23230	LTE 13	QPSK	A	23.23	RIGHT	10	1:1	0.291	28.6	
782	23230	LTE 13	QPSK	A	23.23	BOTTOM	10	1:1	0.273	28.9	
1 905	26590	LTE 25	QPSK	B	17.49	REAR	5	1:1	0.506	20.4	20.4
1 905	26590	LTE 25	QPSK	B	17.49	FRONT	5	1:1	0.270	23.2	
1 905	26590	LTE 25	QPSK	B	17.49	LEFT	10	1:1	0.084	28.2	
1 905	26590	LTE 25	QPSK	B	17.49	BOTTOM	10	1:1	0.282	23.0	
1 905	26590	LTE 25	QPSK	F	17.66	REAR	5	1:1	0.515	20.5	20.5
1 905	26590	LTE 25	QPSK	F	17.66	FRONT	5	1:1	0.289	23.1	
1 905	26590	LTE 25	QPSK	F	17.66	LEFT	10	1:1	0.032	32.6	
1 905	26590	LTE 25	QPSK	F	17.66	TOP	10	1:1	0.239	23.9	
831.5	26865	LTE 26	QPSK	A	21.19	REAR	5	1:1	0.585	23.5	23.5
831.5	26865	LTE 26	QPSK	A	21.19	FRONT	5	1:1	0.360	25.6	
831.5	26865	LTE 26	QPSK	A	21.19	RIGHT	10	1:1	0.191	28.4	
831.5	26865	LTE 26	QPSK	A	21.25	BOTTOM	10	1:1	0.355	25.7	
2 549.5	40185	LTE 41	QPSK	B	17.41	REAR	5	1:1.58	0.662	19.2	19.2
2 549.5	40185	LTE 41	QPSK	B	17.44	FRONT	5	1:1.58	0.326	22.3	
2 549.5	40185	LTE 41	QPSK	B	17.44	LEFT	10	1:1.58	0.067	29.2	
2 549.5	40185	LTE 41	QPSK	B	17.44	BOTTOM	10	1:1.58	0.231	23.8	
1 745	132322	LTE 66	QPSK	B	17.92	REAR	5	1:1	0.347	22.5	22.5
1 745	132322	LTE 66	QPSK	B	17.92	FRONT	5	1:1	0.277	23.5	
1 745	132322	LTE 66	QPSK	B	17.76	LEFT	10	1:1	0.084	28.5	
1 745	132322	LTE 66	QPSK	B	17.76	BOTTOM	10	1:1	0.259	23.6	
1 745	132322	LTE 66	QPSK	F	17.18	REAR	5	1:1	0.512	20.1	20.1
1 745	132322	LTE 66	QPSK	F	17.18	FRONT	5	1:1	0.237	23.4	
1 745	132322	LTE 66	QPSK	F	17.23	LEFT	10	1:1	0.040	31.2	
1 745	132322	LTE 66	QPSK	F	17.23	TOP	10	1:1	0.269	22.9	

Table A-11 RSI = 0 *PLimit* Calculations – NR Hotspot SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

NR TDD Bands : In the case of the NR TDD bands, the *PLimit* were calculated as the Frame average power to which the duty factor was applied to the burst power.

SAR measurements of all NR TDD bands were measured in FTM Mode.

Freq.(MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
836.5	167300	NR N5	DFT-S QPSK	A	21.24	REAR	5	1:1	0.552	23.8	23.8
836.5	167300	NR N5	DFT-S QPSK	A	21.24	FRONT	5	1:1	0.360	25.7	
836.5	167300	NR N5	DFT-S QPSK	A	21.21	RIGHT	10	1:1	0.106	31.0	
836.5	167300	NR N5	DFT-S QPSK	A	21.24	BOTTOM	10	1:1	0.227	27.7	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	REAR	5	1:1	0.777	18.9	18.9
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	FRONT	5	1:1	0.414	21.7	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.76	LEFT	10	1:1	0.052	30.6	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	BOTTOM	10	1:1	0.238	24.1	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	REAR	5	1:1	0.349	22.1	22.1
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	FRONT	5	1:1	0.268	23.2	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	LEFT	10	1:1	0.022	34.1	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	TOP	10	1:1	0.245	23.6	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	REAR	5	1:1	0.449	20.9	20.9
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	FRONT	5	1:1	0.285	22.9	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	LEFT	10	1:1	0.238	23.7	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	TOP	10	1:1	0.052	30.3	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	REAR	5	1:1	0.200	24.8	24.8
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	FRONT	5	1:1	0.065	29.7	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	RIGHT	10	1:1	0.027	33.5	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	TOP	10	1:1	0.048	31.0	
1 745	349000	NR N66	DFT-S QPSK	B	17.81	REAR	5	1:1	0.354	22.3	22.3
1 745	349000	NR N66	DFT-S QPSK	B	17.81	FRONT	5	1:1	0.207	24.7	
1 745	349000	NR N66	DFT-S QPSK	B	17.74	LEFT	10	1:1	0.064	29.7	
1 745	349000	NR N66	DFT-S QPSK	B	17.81	BOTTOM	10	1:1	0.245	23.9	
1 745	349000	NR N66	CP QPSK	F	16.71	REAR	5	1:1	0.461	20.1	20.1
1 745	349000	NR N66	DFT-S QPSK	F	17.23	FRONT	5	1:1	0.282	22.7	
1 745	349000	NR N66	DFT-S QPSK	F	17.23	LEFT	10	1:1	0.040	31.2	
1 745	349000	NR N66	DFT-S QPSK	F	17.23	TOP	10	1:1	0.239	23.4	
3 750	650000	NR N77	CP QPSK	G	15.04	REAR	5	1:1	0.407	18.9	18.9
3 750	650000	NR N77	DFT-S QPSK	G	15.05	FRONT	5	1:1	0.189	22.3	
3 750	650000	NR N77	DFT-S QPSK	G	15.05	LEFT	10	1:1	0.212	21.8	
3 750	650000	NR N77	DFT-S QPSK	G	15.05	TOP	10	1:1	0.048	28.2	
3 500.01	633334	NR N77	DFT-S QPSK	G	14.89	REAR	5	1:1	0.368	19.2	19.2

Table A-12 RSI = 0 *PLimit* Calculations – WLAN Hotspot SAR

Freq.(MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	Plimit	Minimum
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	REAR	5	98.9	0.511	16.8	16.8
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	FRONT	5	98.9	0.310	18.9	
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	LEFT	10	98.9	0.183	21.2	
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	TOP	10	98.9	0.057	26.3	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	REAR	5	98.9	0.341	21.6	21.6
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	FRONT	5	98.9	0.208	23.8	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	LEFT	10	98.9	0.060	29.1	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	RIGHT	10	98.9	0.064	28.9	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	TOP	10	98.9	0.078	28.0	
5 775	155	UNII 3	802.11ac	G	11.40	REAR	5	86.0	0.158	18.4	18.2
5 775	155	UNII 3	802.11ac	G	11.40	FRONT	5	86.0	0.070	22.0	
5 775	155	UNII 3	802.11ac	G	11.40	LEFT	10	86.0	0.169	18.2	
5 775	155	UNII 3	802.11ac	G	11.40	TOP	10	86.0	0.033	25.2	
5 775	155	UNII 3	802.11ac	G+I	14.68	REAR	5	86.0	0.123	22.8	21.7
5 775	155	UNII 3	802.11ac	G+I	14.68	FRONT	5	86.0	0.094	24.0	
5 775	155	UNII 3	802.11ac	G+I	14.68	LEFT	10	86.0	0.158	21.7	
5 775	155	UNII 3	802.11ac	G+I	14.68	TOP	10	86.0	0.037	28.0	
2 402	0	BLUETOOTH	DH5	H	13.87	REAR	5	77.3	0.350	17.5	17.5
2 402	0	BLUETOOTH	DH5	H	13.87	FRONT	5	77.3	0.221	19.5	
2 402	0	BLUETOOTH	DH5	H	13.87	LEFT	10	77.3	0.096	23.1	
2 402	0	BLUETOOTH	DH5	H	13.87	TOP	10	77.3	0.039	27.0	
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	REAR	5	87.9	0.266	18.6	18.6
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	FRONT	5	87.9	0.235	19.1	
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	LEFT	10	87.9	0.113	22.3	
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	TOP	10	87.9	0.021	29.6	

Table A-13 RSI = 0 P_limit Calculations – 2G/3G Phablet SAR

Freq.(MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 10g SAR(W/kg)	Plimit	Minimum
836.6	190	GSM 850	GPRS 4TX	A	20.64	RIGHT	0	1:2.07	0.190	31.8	29.1
836.6	190	GSM 850	GPRS 4TX	A	20.64	BOTTOM	0	1:2.07	0.359	29.1	
1 880	661	GSM 1900	GPRS 4TX	B	17.50	LEFT	0	1:2.07	0.183	28.9	24.4
1 880	661	GSM 1900	GPRS 4TX	B	17.50	BOTTOM	0	1:2.07	0.507	24.4	
1 880	9400	UMTS 2	RMC	B	17.03	LEFT	0	1:1	0.192	28.2	24.3
1 880	9400	UMTS 2	RMC	B	17.03	BOTTOM	0	1:1	0.470	24.3	
1 732.4	1412	UMTS 4	RMC	B	18.61	LEFT	0	1:1	0.149	30.9	23.5
1 732.4	1412	UMTS 4	RMC	B	18.61	BOTTOM	0	1:1	0.818	23.5	
836.6	4183	UMTS 5	RMC	A	21.03	RIGHT	0	1:1	0.145	33.4	27.6
836.6	4183	UMTS 5	RMC	A	21.03	BOTTOM	0	1:1	0.547	27.6	

Table A-14 RSI = 0 P_limit Calculations – 4G Phablet SAR

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 10g SAR(W/kg)	Plimit	Minimum
707.5	23095	LTE 12	QPSK	A	22.36	RIGHT	0	1:1	0.430	30.0	29.2
707.5	23095	LTE 12	QPSK	A	22.2	BOTTOM	0	1:1	0.501	29.2	
782	23230	LTE 13	QPSK	A	23.23	RIGHT	0	1:1	0.600	29.4	27.4
782	23230	LTE 13	QPSK	A	23.23	BOTTOM	0	1:1	0.847	27.4	
1 905	26590	LTE 25	QPSK	B	17.49	LEFT	0	1:1	0.200	28.5	24.2
1 905	26590	LTE 25	QPSK	B	17.49	BOTTOM	0	1:1	0.531	24.2	
1 905	26590	LTE 25	QPSK	F	17.66	LEFT	0	1:1	0.257	27.5	22.4
1 905	26590	LTE 25	QPSK	F	17.66	TOP	0	1:1	0.884	22.4	
831.5	26865	LTE 26	QPSK	A	21.19	RIGHT	0	1:1	0.179	32.6	26.8
831.5	26865	LTE 26	QPSK	A	21.25	BOTTOM	0	1:1	0.695	26.8	
2 549.5	40185	LTE 41	QPSK	B	17.44	LEFT	0	1:1.58	0.221	28.0	22.9
2 549.5	40185	LTE 41	QPSK	B	17.44	BOTTOM	0	1:1.58	0.703	22.9	
1 745	132322	LTE 66	QPSK	B	17.76	LEFT	0	1:1	0.178	29.2	22.9
1 745	132322	LTE 66	QPSK	B	17.76	BOTTOM	0	1:1	0.762	22.9	
1 745	132322	LTE 66	QPSK	F	17.23	LEFT	0	1:1	0.148	29.5	22.8
1 745	132322	LTE 66	QPSK	F	17.23	TOP	0	1:1	0.688	22.8	

Table A-15 RSI = 0 P_limit Calculations – 5G Phablet SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

NR TDD Bands : In the case of the NR TDD bands, the Plimit were calculated as the Frame average power to which the duty factor was applied to the burst power.

SAR measurements of all NR TDD bands were measured in FTM Mode.

Freq. (MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 10g SAR(W/kg)	Plimit	Minimum
836.5	167300	NR N5	DFT-S QPSK	A	21.21	RIGHT	0	1:1	0.201	32.2	28.1
836.5	167300	NR N5	DFT-S QPSK	A	21.24	BOTTOM	0	1:1	0.519	28.1	
2 592.99	518598	NR N41	DFT-S QPSK	B	17.76	LEFT	0	1:1	0.145	30.1	23.8
2 592.99	518598	NR N41	DFT-S QPSK	B	17.83	BOTTOM	0	1:1	0.630	23.8	
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	LEFT	0	1:1	0.127	30.5	23.4
2 592.99	518598	NR N41	DFT-S QPSK	F	17.53	TOP	0	1:1	0.653	23.4	
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	LEFT	0	1:1	0.633	23.4	23.4
2 592.99	518598	NR N41	DFT-S QPSK	H	17.46	TOP	0	1:1	0.145	29.8	
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	RIGHT	0	1:1	0.103	31.7	31.7
2 592.99	518598	NR N41	DFT-S QPSK	E	17.81	TOP	0	1:1	0.093	32.1	
1 745	349000	NR N66	DFT-S QPSK	B	17.74	LEFT	0	1:1	0.169	29.4	23.5
1 745	349000	NR N66	DFT-S QPSK	B	17.81	BOTTOM	0	1:1	0.670	23.5	
1 745	349000	NR N66	DFT-S QPSK	F	17.23	LEFT	0	1:1	0.143	29.7	23.2
1 745	349000	NR N66	DFT-S QPSK	F	17.23	TOP	0	1:1	0.639	23.2	
3 750	650000	NR N77	DFT-S QPSK	G	15.05	LEFT	0	1:1	1.170	18.3	18.3
3 750	650000	NR N77	DFT-S QPSK	G	15.05	TOP	0	1:1	0.220	25.6	
3 500.01	633334	NR N77	DFT-S QPSK	G	14.89	LEFT	0	1:1	0.814	19.8	19.8
3 500.01	633334	NR N77	DFT-S QPSK	G	14.89	TOP	0	1:1	0.238	25.1	

Table A-16 RSI = 0 P_limit Calculations – WLAN Phablet SAR

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

Freq.(MHz)	Ch.	Band	Mode	Ant.	Frame Avg. Meas. Power(dBm)	Test Position	Distance	Duty Cycle	Meas. 1g SAR(W/kg)	PLimit	Minimum
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	LEFT	0	98.9	0.531	20.6	20.6
2 437	6	2.4GHZ WLAN	802.11b	H	14.83	TOP	0	98.9	0.083	28.6	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	LEFT	0	98.9	0.507	23.9	23.9
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	RIGHT	0	98.9	0.105	30.7	
2 437	6	2.4GHZ WLAN	802.11b	H+J	17.90	TOP	0	98.9	0.094	31.2	
5 270	54	UNII 2A	802.11n	G	11.98	LEFT	0	85.9	0.371	19.3	19.3
5 270	54	UNII 2A	802.11n	G	11.98	TOP	0	85.9	0.043	28.7	
5 270	54	UNII 2A	802.11n	G+I	14.32	LEFT	0	85.9	0.440	20.9	20.9
5 270	54	UNII 2A	802.11n	G+I	14.32	TOP	0	85.9	0.032	32.3	
5 690	138	UNII 2C	802.11ac	G	11.83	LEFT	0	86.0	0.443	18.4	18.4
5 690	138	UNII 2C	802.11ac	G	11.83	TOP	0	86.0	0.098	24.9	
5 690	138	UNII 2C	802.11ac	G+I	14.11	LEFT	0	86.0	0.563	19.6	19.6
5 690	138	UNII 2C	802.11ac	G+I	14.11	TOP	0	86.0	0.090	27.6	
5 775	155	UNII 3	802.11ac	G	11.40	LEFT	10	86.0	0.376	18.7	18.7
5 775	155	UNII 3	802.11ac	G	11.40	TOP	10	86.0	0.094	24.7	
5 775	155	UNII 3	802.11ac	G+I	14.68	LEFT	10	86.0	0.488	20.8	20.8
5 775	155	UNII 3	802.11ac	G+I	14.68	TOP	10	86.0	0.092	28.1	
5 855	171	UNII 4	802.11ac	G	11.55	LEFT	0	86.0	0.318	19.5	19.5
5 855	171	UNII 4	802.11ac	G	11.55	TOP	0	86.0	0.057	27.0	
5 855	171	UNII 4	802.11ac	G+I	14.27	LEFT	0	86.0	0.393	18.8	18.8
5 855	171	UNII 4	802.11ac	G+I	14.27	TOP	0	86.0	0.047	27.4	
2 402	0	BLUETOOTH	DH5	H	13.87	LEFT	0	77.3	0.637	18.8	18.8
2 402	0	BLUETOOTH	DH5	H	13.87	TOP	0	77.3	0.089	27.4	
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	LEFT	0	87.9	0.707	18.3	18.3
2 440	17	BLUETOOTH LE	LE 1M(193)	H	13.77	TOP	0	87.9	0.091	27.2	

End.