

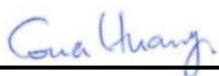
FCC SAR TEST REPORT

FCC ID : 2AX2URW101RGL
Equipment : LTE Module
Brand Name : Rolling Wireless
Model Name : RW101R-GL
Applicant : Rolling Wireless S.a.r.l.
8-10, rue Mathias Hardt 1717, Luxembourg.
Manufacturer : Lenovo Ireland International Limited
Viscount House, 6/7 Fitzwilliam Square East,
Dublin, D02 Y447, Ireland
Standard : FCC 47 CFR Part 2 (2.1093)

The product was installed into Notebook Computer (Brand Name: Lenovo, Model Name: Lenovo Chrome 500e 2in1 G5 ITN, Lenovo Chrome 500e 2in1 G5 M89) during test.

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample provide by manufacturer and the test data has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been pass the FCC requirement.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager



Sporton International Inc. Wensan Laboratory



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History of this test report

Report No.	Version	Description	Issued Date
FA573117-04	01	Initial issue of report	Nov. 05, 2025

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Rolling Wireless S.a.r.l., LTE Module, RW101R-GL, are as follows.

Equipment Class	Frequency Band	Highest SAR Summary	Highest Simultaneous Transmission 1g SAR (W/kg)
		Body (Separation 0mm)	
		1g SAR (W/kg)	
Licensed	WCDMA II	1.16	1.18
	WCDMA IV	1.16	
	WCDMA V	1.16	
	LTE Band 7	1.15	
	LTE Band 12/17	1.08	
	LTE Band 13	1.15	
	LTE Band 14	1.14	
	LTE Band 2/25	1.18	
	LTE Band 5/26	1.12	
	LTE Band 30	1.10	
	LTE Band 38/41	1.08	
	LTE Band 48	1.16	
	LTE Band 4/66	1.18	
	LTE Band 71	0.95	

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation and the FCC designation No. TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test. This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

Reviewed by: Jason Wang
Report Producer: Paula Chen

2. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards, the below KDB standard may not including in the TAF code without accreditation.

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 616217 D04 SAR for laptop and tablets v01r02
- FCC KDB 941225 D01 3G SAR Procedures v03r01
- FCC KDB 941225 D05 SAR for LTE Devices v02r05

3. Equipment Under Test (EUT) Information

3.1 General Information

Product Feature & Specification	
Equipment Name	LTE Module
Brand Name	Rolling Wireless
Model Name	RW101R-GL
FCC ID	2AX2URW101RGL
Wireless Technology and Frequency Range	WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz
Mode	RMC 12.2Kbps HSDPA HSUPA DC-HSDPA LTE: QPSK, 16QAM
Remark: 1. This device is a convertible notebook PC with two usage modes, Laptop and Tablet, just the power reduction mechanism is difference for 12-inch display and 11-inch display. 2. The 11-inch device supports a G-sensor power reduction mechanism to detect lid angle, and the 12-inch device supports a P-sensor power reduction mechanism to detect device close to the human body. And the power validation includes in original report no.: FA573117 section 4 and 5. 3. Based on original report No.: FA573117 to add Sim-Tx analysis with MT7925B22M and MT7922A22M in this report section 5.	

Host Information	
Equipment Name	Notebook Computer
Brand Name	Lenovo
Model Name	Lenovo Chrome 500e 2in1 G5 ITN, Lenovo Chrome 500e 2in1 G5 M89
Integrated WLAN Module 1	Brand Name: MediaTek Model Name: MT7925B22M
Integrated WLAN Module 2	Brand Name: MediaTek Model Name: MT7922A22M
Remark: 1. The following WLAN/BT modules are also integrated into this host, MediaTek MT7925B22M WLAN/BT RF Exposure results from Sporton Report no.: FA573117-05, FCC ID: RAS-MT7925B22M, MediaTek MT7922A22M WLAN/BT RF Exposure results from Sporton Report no.: FA573117-07, FCC ID: RAS-MT7922A22M and evaluated Sim-Tx analysis with WWAN operation include in section 5.	

WWAN Antenna Information				
Main Antenna (12")	Manufacturer	SPEED	Peak gain(dBi)	1.99
	Part number	DC33002AD20	Type	PIFA
	Manufacturer	ICT	Peak gain(dBi)	1.99
	Part number	DC33002AG30	Type	PIFA
Main Antenna (11")	Manufacturer	ICT	Peak gain(dBi)	1.1
	Part number	DC33002AG20	Type	PIFA
	Manufacturer	INPAQ	Peak gain(dBi)	1.1
	Part number	DC33002AF00	Type	PIFA

WLAN Antenna Information					
Antenna 1	Manufacturer	Amphenol			
	Antenna Type	PIFA Antenna		PIFA Antenna	
	Part number	DC33002AE00		DC33002AE10	
	Peak gain (dbi)	Main Antenna :		Aux Antenna :	
		WLAN(2.4G):	2.41 dBi	BT/WLAN(2.4G):	2.38 dBi
		WLAN(5G B1):	2.76 dBi	WLAN(5G B1):	2.81 dBi
		WLAN(5G B2):	2.85 dBi	WLAN(5G B2):	2.76 dBi
		WLAN(5G B3):	3.70 dBi	WLAN(5G B3):	3.11 dBi
		WLAN(5G B4):	3.10 dBi	WLAN(5G B4):	2.80 dBi
		UNII5:	2.10 dBi	UNII5:	3.30 dBi
Antenna 2	Manufacturer	LUXSHARE-ICT			
	Antenna Type	PIFA Antenna		PIFA Antenna	
	Part number	DC33002AG00		DC33002AG10	
	Peak gain (dbi)	Main Antenna :		Aux Antenna :	
		WLAN(2.4G):	2.41 dBi	BT/WLAN(2.4G):	2.38 dBi
		WLAN(5G B1):	2.76 dBi	WLAN(5G B1):	2.81 dBi
		WLAN(5G B2):	2.85 dBi	WLAN(5G B2):	2.76 dBi
		WLAN(5G B3):	3.70 dBi	WLAN(5G B3):	3.11 dBi
		WLAN(5G B4):	3.10 dBi	WLAN(5G B4):	2.80 dBi
		UNII5:	2.10 dBi	UNII5:	3.30 dBi
Antenna 3	Manufacturer	SPEEDWIRE			
	Antenna Type	PIFA Antenna		PIFA Antenna	
	Part number	DC33002AD00		DC33002AD10	
	Peak gain (dbi)	Main Antenna :		Aux Antenna :	
		WLAN(2.4G):	2.41 dBi	BT/WLAN(2.4G):	2.38 dBi
		WLAN(5G B1):	2.76 dBi	WLAN(5G B1):	2.81 dBi
		WLAN(5G B2):	2.85 dBi	WLAN(5G B2):	2.76 dBi
		WLAN(5G B3):	3.70 dBi	WLAN(5G B3):	3.11 dBi
		WLAN(5G B4):	3.10 dBi	WLAN(5G B4):	2.80 dBi
		UNII5:	2.10 dBi	UNII5:	3.30 dBi

4. RF Exposure Limits

4.1 Uncontrolled Environment

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

4.2 Controlled Environment

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. The exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

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

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

1. Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

4.3 RF Exposure limit for above 6GHz

According to ANSI/IEEE C95.1-1992, the criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1.0	30

5. Simultaneous Transmission Analysis

WWAN + WLAN< MediaTek MT7922A22M >		
NO.	Simultaneous Transmission Configurations	Body
1.	WLAN2.4GHz Main + WLAN2.4GHz Aux	Yes
2.	WLAN5/6GHz Main + WLAN5/6GHz Aux + Bluetooth Aux	Yes

WWAN + WLAN< MediaTek MT7925B22M>		
NO.	Simultaneous Transmission Configurations	Body
3.	WLAN2.4GHz Ant 1 + WLAN2.4GHz Ant 2	Yes
4.	WLAN2.4GHz Ant 2 + WLAN5/6GHz Ant 1	Yes
5.	WLAN5/6GHz Ant 1 + WLAN5/6GHz Ant 2 + Bluetooth Ant 2	Yes

General Note:

1. The worst case reported SAR for each configuration was used for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission
2. The Scaled SAR summation is calculated based on the same configuration and test position.
3. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation 1.6W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR 1.6W/kg.
 - v) The SPLSR calculated results please refer to section 5.2.

**5.1 Body Exposure Conditions**

<11-inch>

<WWAN + WLAN< MediaTek MT7922A22M>

Exposure Position	0	1	2	3	4	5	0+1+2 Summed 1g SAR (W/kg)	0+3+4+5 Summed 1g SAR (W/kg)	0+1+2 SPLSR	Case No.	0+3+4+5 SPLSR	Case No.
	WWAN	WLAN 2.4GHz Main	WLAN 2.4GHz Aux	WLAN 5/6GHz Main	WLAN 5/6GHz Aux	Bluetooth Aux						
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
Back at 0mm	0.462	1.177	1.106	0.673	0.689	0.214	2.745	2.038	0.030	Case 2	0.020	Case 4
Right at 0mm	0.166						0.166	0.166				
Top at 0mm	1.164						1.164	1.164				

<WWAN + WLAN< MediaTek MT7925B22M>

Exposure Position	0	1	2	3	4	5	0+1+2 Summed 1g SAR (W/kg)	0+2+3 Summed 1g SAR (W/kg)	0+3+4+5 Summed 1g SAR (W/kg)	0+1+2 SPLSR	Case No.	0+2+3 SPLSR	Case No.	0+3+4+5 SPLSR	Case No.
	WWAN	WLAN 2.4GHz Main	WLAN 2.4GHz Aux	WLAN 5/6GHz Main	WLAN 5/6GHz Aux	Bluetooth Aux									
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)									
Back at 0mm	0.462	1.078	1.131	0.988	0.821	0.251	2.671	2.581	2.522	0.030	Case 8	0.030	Case 9	0.020	Case 10
Right at 0mm	0.166						0.166	0.166	0.166						
Top at 0mm	1.164						1.164	1.164	1.164						

<12-inch>

<WWAN + WLAN< MediaTek MT7922A22M>

Exposure Position	0	1	2	3	4	5	0+1+2 Summed 1g SAR (W/kg)	0+3+4+5 Summed 1g SAR (W/kg)	0+1+2 SPLSR	Case No.	0+3+4+5 SPLSR	Case No.
	WWAN	WLAN 2.4GHz Main	WLAN 2.4GHz Aux	WLAN 5/6GHz Main	WLAN 5/6GHz Aux	Bluetooth Aux						
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
Bottom Side at 0mm	1.182	0.847	0.728	0.874	0.609	0.085	2.757	2.750	0.020	Case15	0.020	Case17
Back at 0mm	0.922	1.177	1.106	0.673	0.689	0.214	3.205	2.498	0.030	Case16	0.020	Case18
Right at 0mm	0.258						0.258	0.258				
Top at 0mm	0.769						0.769	0.769				

<WWAN + WLAN< MediaTek MT7925B22M>

Exposure Position	0	1	2	3	4	5	0+1+2 Summed 1g SAR (W/kg)	0+2+3 Summed 1g SAR (W/kg)	0+3+4+5 Summed 1g SAR (W/kg)	0+1+2 SPLSR	Case No.	0+2+3 SPLSR	Case No.	0+3+4+5 SPLSR	Case No.
	WWAN	WLAN 2.4GHz Main	WLAN 2.4GHz Aux	WLAN 5/6GHz Main	WLAN 5/6GHz Aux	Bluetooth Aux									
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)									
Bottom Side at 0mm	1.182	1.115	1.109	1.198	1.181	0.187	3.406	3.489	3.748	0.030	Case 23	0.040	Case 24	0.040	Case 25
Back at 0mm	0.922	1.078	1.131	0.988	0.821	0.251	3.131	3.041	2.982	0.030	Case 26	0.030	Case 27		Case 28
Right at 0mm	0.258						0.258	0.258	0.258						
Top at 0mm	0.769						0.769	0.769	0.769						

5.2 SPLSR Evaluation and Analysis

General Note:

- According to the antenna location shown in Appendix A, the minimum distance between each transmit antenna is used for SPLSR analysis.
- $SPLSR = (SAR_1 + SAR_2)^{1.5} / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

<11-inch>

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case 2	WWAN	Back	0.462	0mm	90.8	87.7	-177	239.4	1.64	0.01	Not required
	WLAN2.4GHz Main		1.177	0mm	-93.1	-65.6	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	191.1	1.57	0.01	Not required
	WLAN2.4GHz Aux		1.106	0mm	-94	39	-177				
	WLAN2.4GHz Main	Back	1.177	0mm	-93.1	-65.6	-177	104.6	2.28	0.03	Not required
	WLAN2.4GHz Aux		1.106	0mm	-94	39	-177				
Case 4	WWAN	Back	0.462	0mm	90.8	87.7	-177	247.2	1.14	0.00	Not required
	WLAN5/6GHz Main		0.673	0mm	-103.7	-64.8	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	197.9	1.27	0.01	Not required
	WLAN5/6GHz Aux		0.812	0mm	-101.2	39.7	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	194.0	0.68	0.00	Not required
	Bluetooth Aux		0.214	0mm	-96.5	37	-177				
	WLAN5/6GHz Main	Back	0.673	0mm	-103.7	-64.8	-177	104.5	1.58	0.02	Not required
	WLAN5/6GHz+Bluetooth Aux		0.903	0mm	-101.2	39.7	-177				
Case 8	WWAN	Back	0.462	0mm	90.8	87.7	-177	241.8	1.54	0.01	Not required
	WLAN2.4GHz Main		1.078	0mm	-93.5	-68.9	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	193.2	1.59	0.01	Not required
	WLAN2.4GHz Aux		1.131	0mm	-95.5	36.5	-177				
	WLAN2.4GHz Main	Back	1.078	0mm	-93.5	-68.9	-177	105.4	2.21	0.03	Not required
	WLAN2.4GHz Aux		1.131	0mm	-95.5	36.5	-177				
Case 9	WWAN	Back	0.462	0mm	90.8	87.7	-177	193.2	1.59	0.01	Not required
	WLAN2.4GHz Aux		1.131	0mm	-95.5	36.5	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	247.5	1.45	0.01	Not required
	WLAN5/6GHz Main		0.988	0mm	-94.6	-76.3	-177				
	WLAN2.4GHz Aux	Back	1.131	0mm	-95.5	36.5	-177	112.8	2.12	0.03	Not required
	WLAN5/6GHz Main		0.988	0mm	-94.6	-76.3	-177				
Case 0	WWAN	Back	0.462	0mm	90.8	87.7	-177	247.5	1.45	0.01	Not required
	WLAN5/6GHz Main		0.988	0mm	-94.6	-76.3	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	196.4	1.28	0.01	Not required
	WLAN5GHz Aux		0.821	0mm	-100.4	42.9	-177				
	WWAN	Back	0.462	0mm	90.8	87.7	-177	201.9	0.71	0.00	Not required
	Bluetooth Aux		0.251	0mm	-103.5	33	-177				
	WLAN5/6GHz Main	Back	0.988	0mm	-94.6	-76.3	-177	119.3	2.06	0.02	Not required
	WLAN5/6GHz+Bluetooth Aux		1.072	0mm	-100.4	42.9	-177				

<12-inch>

Case 15	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case 15	WWAN	Bottom Side	1.182	0mm	-89	74	-177	232.5	2.03	0.01	Not required
	WLAN2.4GHz Main		0.847	0mm	95.5	-67.5	-177				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	191.7	1.91	0.01	Not required
	WLAN2.4GHz Aux		0.728	0mm	99	36.5	-177				
	WLAN2.4GHz Main	Bottom Side	0.847	0mm	95.5	-67.5	-177	104.1	1.58	0.02	Not required
	WLAN2.4GHz Aux		0.728	0mm	99	36.5	-177				
Case 16	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	250.2	2.10	0.01	Not required
	WLAN2.4GHz Main		1.177	0mm	-93.1	-65.6	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	198.2	2.03	0.01	Not required
	WLAN2.4GHz Aux		1.106	0mm	-94	39	-177				
	WLAN2.4GHz Main	Back	1.177	0mm	-93.1	-65.6	-177	104.6	2.28	0.03	Not required
	WLAN2.4GHz Aux		1.106	0mm	-94	39	-177				
Case 17	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	238.6	2.06	0.01	Not required
	WLAN5/6GHz Main		0.874	0mm	102.3	-68.6	-177				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	196.4	1.79	0.01	Not required
	WLAN5/6GHz Aux		0.609	0mm	103.3	34.2	-177				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	188.8	1.27	0.01	Not required
	Bluetooth Aux		0.085	0mm	96.5	38.9	-177				
	WLAN5/6GHz Main	Bottom Side	0.874	0mm	102.3	-68.6	-177	102.8	1.57	0.02	Not required
	WLAN5/6GHz+Bluetooth Aux		0.694	0mm	103.3	34.2	-177				
Case 18	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	257.7	1.60	0.01	Not required
	WLAN5/6GHz Main		0.673	0mm	-103.7	-64.8	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	204.8	1.61	0.01	Not required
	WLAN5/6GHz Aux		0.689	0mm	-101.2	39.7	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	201.2	1.14	0.01	Not required
	Bluetooth Aux		0.214	0mm	-96.5	37	-177				
	WLAN5/6GHz Main	Back	0.673	0mm	-103.7	-64.8	-177	104.5	1.58	0.02	Not required
	WLAN5/6GHz+Bluetooth Aux		0.903	0mm	-101.2	39.7	-177				

	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
	Case 23	WWAN	Bottom Side	1.182	0mm	-89	74	-177	236.9	2.30	0.01
WLAN2.4GHz Main		1.115		0mm	102.5	-65.5	-177				
WWAN		Bottom Side	1.182	0mm	-89	74	-177	188.4	2.29	0.02	Not required
WLAN2.4GHz Aux			1.109	0mm	96.5	41	-177				
WLAN2.4GHz Main		Bottom Side	1.115	0mm	102.5	-65.5	-177	106.7	2.22	0.03	Not required
WLAN2.4GHz Aux			1.109	0mm	96.5	41	-177				
Case 24	Band	Position	SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	188.4	2.29	0.02	Not required
	WLAN2.4GHz Aux		1.109	0mm	96.5	41	-177				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	228.8	2.38	0.02	Not required
	WLAN5/6GHz Main		1.198	0mm	101.3	-53.1	-177				
	WLAN2.4GHz Aux	Bottom Side	1.109	0mm	96.5	41	-177	94.2	2.31	0.04	Not required
WLAN5/6GHz Main	1.198		0mm	101.3	-53.1	-177					
Case 25	Band	Position	SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	228.8	2.38	0.02	Not required
	WLAN5/6GHz Main		1.198	0mm	101.3	-53.1	-177				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	191.6	2.36	0.02	Not required
	WLAN5GHz Aux		1.181	0mm	101.1	49.7	-177				
	WWAN	Bottom Side	1.182	0mm	-89	74	-177	186.7	1.37	0.01	Not required
	Bluetooth Aux		0.187	0mm	94.5	39.5	-177				
	WLAN5/6GHz Main	Bottom Side	1.198	0mm	101.3	-53.1	-177	102.8	2.57	0.04	Not required
WLAN5/6GHz+Bluetooth Aux	1.368		0mm	101.1	49.7	-177					
Case 26	Band	Position	SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WWAN	Back	0.922	0mm	94.6	99.8	-177	252.7	2.00	0.01	Not required
	WLAN2.4GHz Main		1.078	0mm	-93.5	-68.9	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	200.4	2.05	0.01	Not required
	WLAN2.4GHz Aux		1.131	0mm	-95.5	36.5	-177				
	WLAN2.4GHz Main	Back	1.078	0mm	-93.5	-68.9	-177	105.4	2.21	0.03	Not required
WLAN2.4GHz Aux	1.131		0mm	-95.5	36.5	-177					
Case 27	Band	Position	SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WWAN	Back	0.922	0mm	94.6	99.8	-177	200.4	2.05	0.01	Not required
	WLAN2.4GHz Aux		1.131	0mm	-95.5	36.5	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	258.5	1.91	0.01	Not required
	WLAN5/6GHz Main		0.988	0mm	-94.6	-76.3	-177				
	WLAN2.4GHz Aux	Back	1.131	0mm	-95.5	36.5	-177	112.8	2.12	0.03	Not required
WLAN5/6GHz Main	0.988		0mm	-94.6	-76.3	-177					
Case 28	Band	Position	SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WWAN	Back	0.922	0mm	94.6	99.8	-177	258.5	1.91	0.01	Not required
	WLAN5/6GHz Main		0.988	0mm	-94.6	-76.3	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	203.1	1.74	0.01	Not required
	WLAN5GHz Aux		0.821	0mm	-100.4	42.9	-177				
	WWAN	Back	0.922	0mm	94.6	99.8	-177	209.1	1.17	0.01	Not required
	Bluetooth Aux		0.251	0mm	-103.5	33	-177				
	WLAN5/6GHz Main	Back	0.988	0mm	-94.6	-76.3	-177	119.3	2.06	0.02	Not required
WLAN5/6GHz+Bluetooth Aux	1.072		0mm	-100.4	42.9	-177					

6. References

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