FCC SAR TEST REPORT

FCC ID : 2AJN7-TP00159AL Equipment : Convertible PC

Brand Name: Lenovo

Model Name: TP00159D, TP00159E

Applicant: LC Future Center Limited Taiwan Branch

7F., No.780, Beian Rd., Zhongshan Dist., Taipei 104, Taiwan

Manufacturer : Lenovo PC HK Limited

23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry

Bay, Hong Kong, P.R. China

Standard : FCC 47 CFR Part 2 (2.1093)

Equipment: Quetel EM061K-GL, Intel AX211D2W and Intel BE201D2W tested inside of Lenovo Notebook Computer.

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

Gua Guang

lac-MRA



Report No.: FA3N1049-18

Sporton International Inc. Wensan Laboratory

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Appendix A. Test Setup Photos and Antenna Location

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History of this test report

Report No.: FA3N1049-18

Report No.	Version	Description	Issued Date
FA3N1049-18	01	Initial issue of report	Mar. 17, 2025

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1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for LC Future Center Limited Taiwan Branch, Convertible PC, TP00159D, TP00159E, are as follows.

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	_	Highest SAR Summary	Highest Simultaneous			
Equipment Class	Frequency Band	Body	Transmission			
Oldos	Bana	1g SAR (W/kg)	1g SAR (W/kg)			
	WCDMA II	1.13				
	WCDMA IV	1.19				
	WCDMA V	1.09				
	LTE Band 7	0.63				
	LTE Band 12 / 17	1.19				
	LTE Band 13	1.17				
Licensed	LTE Band 14	1.14	1.19			
	LTE Band 2 / 25	1.10				
	LTE Band 5 / 26	1.19				
	LTE Band 30	1.17				
	LTE Band 38 / 41	0.50				
	LTE Band 4 / 66	1.09				
	LTE Band 71	1.01				

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: <u>Jason Wang</u> Report Producer: <u>Daisy Peng</u>

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
- FCC KDB 941225 D05A Rel.10 LTE SAR Test Guidance v01r02

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3. Equipment Under Test (EUT) Information

3.1 General Information

	Product Feature & Specification
Equipment Name	Convertible PC
Brand Name	Lenovo
Model Name	TP00159D, TP00159E
FCC ID	2AJN7-TP00159AL
ntegrated WWAN Module	Brand Name: Quetel Model Name: EM061K-GL
ntegrated WLAN Module 1	Brand Name: Intel Model Name: AX211D2W
ntegrated WLAN Module 2	Brand Name: Intel Model Name: BE201D2W
ntegrated NFC Module	Brand Name: Foxconn Model Name: T77H747
Wireless Technology and Frequency Range	WCDMA Band IV: 1710 MHz ~ 1715 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 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 17: 770 MHz ~ 787 MHz LTE Band 18: 777 MHz ~ 787 MHz LTE Band 19: 777 MHz ~ 787 MHz LTE Band 19: 777 MHz ~ 787 MHz LTE Band 19: 775 MHz ~ 798 MHz LTE Band 19: 1850 MHz ~ 216 MHz LTE Band 25: 1850 MHz ~ 216 MHz LTE Band 25: 1850 MHz ~ 215 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 30: 2305 MHz ~ 2690 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 66: 1710 MHz ~ 2590 MHz LTE Band 71: 663 MHz ~ 698 MHz WLAN 2.4 GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2 GHz Band: 5150 MHz ~ 5350 MHz WLAN 5.3 GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 6425 MHz ~ 6525 MHz, 6525 MHz ~ 6875 MHz, 6875 MHz ~ 7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC: 13.56 MHz NFC
	NFC: ASK
EUT Stage	Production Unit

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The AL and PPS platform difference is WiFi/BT antenna location.

Sample List	Antenna Vendor	Platform
Sample 1	AWAN	AL
Sample 2	Amphenol	AL
Sample 3	AWAN	PPS
Sample 4	Amphenol	PPS

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The WWAN data refers to Sporton Report No.: FA3N1049-17. The Intel AX211D2W (FCC ID: PD9AX211D2) and Intel BE201D2W (FCC ID: PD9BE201D2) is also into this host to evaluate simultaneous transmission.

WWAN Antenna Information										
	Manufacturer	Amphenol Taiwan Corporation	Peak gain(dBi)	0.98						
Main Antenna	Part number	DC330022K70	Туре	PIFA						
wam Antenna	Manufacturer	AWAN	Peak gain(dBi)	0.98						
	Part number	DC330022H70	Туре	PIFA						

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3.2 General LTE SAR Test and Reporting Considerations

Summarize	d necessary ite	ms addres	sed in KDI	B 94122	25 D05 v02	r05			
FCC ID	2AJN7-TP0015	9AL							
Equipment Name	Convertible PC								
Operating Frequency Range of each LTE transmission band	LTE Band 2: 18 LTE Band 4: 17 LTE Band 5: 82 LTE Band 7: 25 LTE Band 12: 6 LTE Band 13: 7 LTE Band 14: 7 LTE Band 25: 1 LTE Band 25: 1 LTE Band 30: 2 LTE Band 38: 2 LTE Band 41: 2 LTE Band 66: 1	10 MHz ~ 1 4 MHz ~ 84 00 MHz ~ 2 99 MHz ~ 7 77 MHz ~ 7 88 MHz ~ 7 04 MHz ~ 7 14 MHz ~ 8 305 MHz ~ 570 MHz ~ 496 MHz ~	755 MHz 9 MHz 1570 MHz 16 MHz 187 MHz 198 MHz 1915 MHz 1915 MHz 249 MHz 2620 MHz 2690 MHz 1780 MHz						
Channel Bandwidth	LTE Band 71: 663 MHz ~ 698 MHz LTE Band 2:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 4:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 5:1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 12:1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 13: 5MHz, 10MHz LTE Band 14: 5MHz, 10MHz LTE Band 17: 5MHz, 10MHz LTE Band 17: 5MHz, 10MHz LTE Band 25:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 30: 5MHz, 10MHz LTE Band 30: 5MHz, 10MHz LTE Band 30: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 66:1.4MHz, 3MHz, 5MHz, 20MHz LTE Band 66:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 66:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 66:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 71: 5MHz, 10MHz, 15MHz, 20MHz								
uplink modulations used	QPSK / 16QAM								
LTE Voice / Data requirements	Data only								
	Table 6.2.3 Modulation					for Power (bandwidth (15 MHz	N _{RB}) 20 MHz	MPR (dB)	
LTE MPR permanently built-in by design	QPSK 16 QAM 16 QAM 64 QAM 64 QAM 256 QAM	> 5 ≤ 5 > 5 ≤ 5 > 5	> 4 ≤ 4 > 4 ≤ 4 > 4	> 8 ≤ 8 > 8 ≤ 8 > 8	> 12 ≤ 12 > 12 ≤ 12 ≤ 12 > 12 ≥ 1	> 16 ≤ 16 > 16 ≤ 16 ≤ 16 > 16	> 18 ≤ 18 > 18 ≤ 18 ≤ 18 > 18	≤ 1 ≤ 1 ≤ 2 ≤ 2 ≤ 3 ≤ 5	
LTE A-MPR	In the base stat A-MPR during (Maximum TTI)	SAR testin	g and the	LTE S/	AR tests w	as transmi	tting on al	I TTI frames	
Spectrum plots for RB configuration	A properly co measurement; t not included in t	herefore, s	pectrum plo						
Power reduction applied to satisfy SAR compliance	res, Proximity a		•				•		
LTE Carrier Aggregation Combinations	Inter-Band and original report	•							
LTE Carrier Aggregation Additional Information	This device su Release feature MDH, eMBMA,	s are not s	upported: F	Relay, H	etNet, Enha	anced MIMO			

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			Transm	ission (H, I	И, L) с	chanr			uenc	ies in	each LTE	band				
	LTE B															
ı	Bandwidth	h 1.4 MHz	Bandwid	th 3 MHz	Ban	ıdwidt	h 5 MHz	Bandwidt			Bandwidt		Bandwi	dth 20 MHz		
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch.	. #	Freq. (MHz)	Ch. #	Fre (MI		Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)		
L	18607	1850.7	18615	1851.5	186	25	1852.5	18650	18	55	18675	1857.5	18700	1860		
M	18900	1880	18900	1880	189	00	1880	18900	18	80	18900	1880	18900	1880		
Н	19193	1909.3	19185	1908.5	191	75	1907.5	19150	19	05	19125	1902.5	19100	1900		
							LTE Ba									
ı	Bandwidth	h 1.4 MHz	Bandwid	th 3 MHz	Ban	idwidt	h 5 MHz	Bandwidt			Bandwidt	h 15 MHz	Bandwi	dth 20 MHz		
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch.	. #	Freq. (MHz)	Ch. #	Fre (MI		Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)		
L	19957	1710.7	19965	1711.5	199	75	1712.5	20000		15	20025	1717.5	20050	1720		
M	20175	1732.5	20175	1732.5	201		1732.5	20175	173		20175	1732.5	20175	1732.5		
Н	20393	1754.3	20385	1753.5	203	75	1752.5	20350	17	50	20325	1747.5	20300	1745		
	-	-1: -14144	NAL I—		- di del	h 0.14	LTE Ba			41- 5-1-	AL 1-		-1: -141 4-6) N 41 1—		
Į		dwidth 1.4		Ch. #	ndwidtl			Ваі Ch. #	ndwid			Ch. #	dwidth 10			
L	Ch. # 20407		eq. (MHz) 824.7	20415			q. (MHz) 825.5	20425			eq. (MHz) 826.5	20450		req. (MHz) 829		
M	20525		836.5	20525			836.5	20525			836.5	20525		836.5		
Н	20643		848.3	20635			847.5	20625			846.5	20600		844		
	20010		0.000	20000			LTE Ba				0.0.0	20000		011		
	Baı	ndwidth 5 l	MHz	Ban	dwidth	10 N	ИHz	Ban	andwidth 15 MHz		MHz	Bandwid) MHz		
Į	Ch. #	: Fr	eq. (MHz)	Ch. #		Free	q. (MHz)	Ch. #	:	Fre	eq. (MHz)	Ch. #	F	req. (MHz)		
L	20775	5	2502.5	20800	1		2505	20825	5	2507.5		20850		2510		
М	21100		2535	21100		:	2535	21100)		2535	21100)	2535		
Н	21425	5	2567.5	21400		:	2565	21375	5	:	2562.5	21350)	2560		
	_			_			LTE Bai					_				
Į		dwidth 1.4			ndwidtl				ndwid [.]				dwidth 10			
_	Ch. #		eq. (MHz) 699.7	Ch. # 23025			q. (MHz) 700.5	Ch. #			eq. (MHz) 701.5	Ch. #		req. (MHz) 704		
M	23017		707.5	23025	-		700.5			707.5	23095		707.5			
Н	23173		715.3	23165			714.5	23155		713.5		23130				
	20110		7 1010	20100			LTE Bar				1 1010	20100		, , ,		
			Bandwid	th 5 MHz							Bandwidt	h 10 MHz				
Į		Channel #	‡		Freq.(I	MHz)			Chan	nel #			Freq.(MH	z)		
L		23205			779	9.5										
M		23230			78:				232	230			782			
Н		23255			784	1.5										
							LTE Bar	nd 14								
Į		01 14		th 5 MHz	01				01		Bandwidt		- /-	`		
1		Channel #			Chanr				Chan	nel#			Freq.(MH	Z) ⁻		
М		23305			790 79:				233	330			703			
Н		23355							200	500		793				
	H 23355 795.5															
			Bandwid	th 5 MHz							Bandwidt	h 10 MHz				
		Channel #			Freq.(I	MHz)			Chan	nel #		-	req. (MF	lz)		
L		23755			706	6.5			237	780			709			
M		23790			71	0			237	790			710			
Н		23825			713	3.5			238	300			711			

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								LTE Ba	nd 25									
	Bandwidth 1.4 MHz Bandwidth 3 MHz Ba					Ban	dwid	th 5 MHz	Bandwidth 10 MHz Bandwidth			Ith 15 MHz Bandw			th 20 MHz			
	Ch. #	Freq (MHz		Ch. #	Freq. (MHz)	Ch.	#	Freq. (MHz)	Ch. #		req. 1Hz)	Ch. #	Freq (MHz		h. #	Freq. (MHz)		
L	26047	1850.	.7 2	26055	1851.5	260	65	1852.5	26090	18	855	26115	1857.	.5 26	140	1860		
М	26340	1880		26340	1880	2634	40	1880	26340		880	26340	1880		340	1880		
Н	26683	1914.	.3 2	26675	1913.5	2666	65	1912.5	26640	19	910	26615	1907.	.5 26	590	1905		
								LTE Ba					1					
	Bandwi				andwidth 3				th 5 MHz			width 10 M				15 MHz		
	Ch. #	_	. (MHz)			q. (MH:	Z)	Ch. #	Freq. (MHz	Z)	Ch. #		· /	Ch. #		req. (MHz)		
L	26697		14.7 31.5	267 268		815.5 831.5		26715	816.5		26740			2676		821.5		
M H	26865 27033		48.3	270		847.5		26865 27015	831.5 846.5		26865			26869 26969		831.5 841.5		
П	21033	04	40.3	2/(020	547.5		LTE Bai			20990	0 02	+4	2090	,	041.5		
				Randwid	th 5 MHz			LIL Dai	10 30			Bandwidt	h 10 MF					
		Channe		Janawia	<u></u>	Freq.(N	MHz))		Cha	nnel #	- Banawiati	I I O IVII		.(MHz)		
L		2768				2307				0.10						,		
М		2771	0			231	0			27	710			2	310			
Н		2773	35			2312	2.5											
								LTE Ba	nd 38									
	Bar	ndwidth	5 MHz	:	Bar	ndwidth	101	ИНz	Ban	dwid	lth 15 N	ИHz		Bandwid	th 20	MHz		
	Ch. #		Freq. ((MHz)	Ch. #	!	Fre	eq. (MHz)	Ch. #		Freq. (MHz)		С	Ch. #		eq. (MHz)		
L	37775	;	257	2.5	3780)	2575		37825		2577.5		37850			2580		
М	38000		259		38000		2595		38000		2595		38000			2595		
Н	38225	<u> </u>	261	7.5	3820)		2615	38175 2612.5			38	3150		2610			
							40.	LTE Ba										
		ndwidth				Bandwidth 10 MHz Ch. # Freg. (MHz)					lth 15 N			Bandwid	_			
L	Ch. # 39675		Freq. (<u> </u>	39700					q. (MHz)		h. #	1 (
는												2503.5 39750						
M	40148		254		40160			2547 2593	40173 40620		2548.3		2548.3)185)620		2549.5 2593
Н	41093		264		41080			2639	41068			2333	_	055		2636.5		
M H			268					2685								2680		
	41565	•	200	7.5	41540	,		LTE Ba	41515			.682.5	41	490		2000		
	Bandwidth	1 4 MF	Hz B	Bandwidt	h 3 MHz	Band	dwid	th 5 MHz	Bandwidth	10	MHz	Bandwidtl	h 15 MF	łz Ba	ndwidt	th 20 MHz		
	Ch. #	Freq	ا .	Ch. #	Freq.	Ch.		Freq.	Ch. #	Fr	req.	Ch. #	Freq		h. #	Freq.		
	131979	(MHz 1710.		31987	(MHz) 1711.5	1319	97	(MHz) 1712.5	132022		1Hz) 715	132047	(MHz 1717.	_	2072	(MHz) 1720		
М	132322	1745		32322	1745	1323		1745	132322		745	132322	1745		2322	1745		
Н	132665	1779.		32657	1778.5	1326		1777.5	132622		775	132597	1772.	_	2572	1770		
								LTE Ba										
	Bar	ndwidth	5 MHz		Bar	dwidth	10 N			dwid	th 15 M	1Hz		Bandwid	th 20 I	MHz		
	Ch. #		Freq. (MHz)	Ch. #		Fre	q. (MHz)	Ch. #		Free	q. (MHz)		h. #		eq. (MHz)		
L	133147	7	665	5.5	13317	2		668	133197	7	6	370.5	133	3222		673		
М	133297	7	680).5	13329	7		680.5	133297	7	- 6	80.5	133	3297		680.5		
Н			5.5	13342	2		693	133397	7	6	690.5	133	133372		688			

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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.

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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.

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5. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Body
1.	WWAN + WLAN Main + WLAN/BT Aux	Yes

General Note:

1. The WWAN data refers to Sporton Report No.: FA3N1049-17. The Intel AX211D2W (FCC ID: PD9AX211D2) and Intel BE201D2W (FCC ID: PD9BE201D2) is also into this host to evaluate simultaneous transmission.

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- 2. WiFi/BT SAR of 1.59 W/kg for each transmit antenna was used conservatively for the purpose of simultaneous transmission analysis.
- 3. The Scaled SAR summation is calculated based on the same configuration and test position.
- 4. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation < 1.6W/kg.
 - ii) SPLSR = (SAR1 + SAR2)^1.5 / (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 ≤ 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

<AL Platform>

Exposure Position	1	2	3			1+2+3 Case No
	Maximum WWAN	WLAN Main	WLAN/BT Aux	1+2+3 Summed	1+2+3 SPLSR	
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
Bottom Side at 0mm	1.191	1.590	1.590	4.371	0.020	Case 1

<PPS Platform>

Exposure Position	1	2	3			1+2+3 Case No
	Maximum WWAN	WLAN Main	WLAN/BT Aux	1+2+3 Summed	1+2+3 SPLSR	
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
Bottom Side at 0mm	1.191	1.590	1.590	4.371	0.020	Case 1

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5.2 SPLSR Evaluation and Analysis

General Note:

1. According to antenna location of appendix A, the minimum distance between each WWAN/WLAN/BT transmit antenna is using for SPLSR analysis.

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- 2. Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneously transmitting antenna. When the sum of 1-g or 10-g SAR of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit, SAR test exclusion applies to that simultaneous transmission configuration. Therefore, the adjacent transmit antennas will be summed first, and then the SPLSR calculation will be evaluated with the farther transmitted antennas.
- 3. SPLSR = (SAR₁ + SAR₂)^{1.5} / (min. separation distance, mm). If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary.

<AL Platform>

	Band	Position	SAR (W/kg)	Gap	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)				
Case 1	Maximum WWAN	Bottom Side	1.191	0mm	275.0	2.78	0.02	Not required
	WLAN Main		1.590	0mm				
	Maximum WWAN	Bottom Side	1.191	0mm	220.0	2.78	0.02	Not required
	WLAN/BT Aux		1.590	0mm				

<PPS Platform>

	Band	Position	SAR (W/kg)	Gap	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)				
Case 1	Maximum WWAN	Bottom Side	1.191	0mm	370.0	2.78	0.01	Not required
Case I	WLAN Main	Bottom Side	1.590	0mm				
	Maximum WWAN	Bottom Side	1.191	0mm	300.0	2.78	0.02	Not required
	WLAN/BT Aux	Bollom Side	1.590	0mm				

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