



FCC SAR TEST REPORT

FCC ID : ZMOL850GLD-D1

: LTE module Equipment

Brand Name : Fibocom Model Name : L850-GL

Applicant : Fibocom Wireless Inc.

5/F, Tower A, Technology Building II, 1057

Nanhai Blvd, Nanshan, Shenzhen, China

Manufacturer : Fibocom Wireless Inc.

5/F, Tower A, Technology Building II, 1057

Nanhai Blvd, Nanshan, Shenzhen, China

Standard : FCC 47 CFR Part 2 (2.1093)

ANSI/IEEE C95.1-1992

IEEE 1528-2013

The product was installed into Portable Computer (Brand Name DELL, Model Name: P96G) during test.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No. : FA961110

Report No.	Version	Description	Issued Date
FA961110	01	Initial issue of report	Jun. 14, 2019

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1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for Fibocom Wireless Inc., LTE module, L850-GL, are as follows.

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	_	Highest SAR Summary	Highest Simultaneous
Equipment Class	Frequency Band	Body	Transmission
3.433	23.13	1g SAR (W/kg)	1g SAR (W/kg)
	WCDMA II	1.17	
	WCDMA IV	1.20	
Licensed	WCDMA V	1.20	
	LTE Band 2	1.15	
	LTE Band 7	1.10	
	LTE Band 12 / 17	1.00	1.59
	LTE Band 13	1.11	
	LTE Band 5 / 26	1.13	
	LTE Band 30	1.17	
	LTE Band 38 / 41	1.19	
	LTE Band 4 / 66	1.19	

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1190 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) 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>Wan Liu</u>

2. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards:

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- 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

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3. Equipment Under Test (EUT) Information

3.1 General Information

	Product Feature & Specification
Equipment Name	LTE module
Brand Name	Fibocom
Model Name	L850-GL
FCC ID	ZMOL850GLD-D1
Integrated WWAN Module	Brand Name: Fibocom Model Name: L850-GL
Wireless Technology and Frequency Range	WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 26: 814.7 MHz ~ 848.3 MHz LTE Band 30: 2307.5 MHz ~ 2312.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5 MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 1710.7 MHz ~ 1779.3 MHz
Mode	RMC 12.2Kbps HSDPA HSUPA DC-HSDPA LTE: QPSK, 16QAM
EUT Stage	Identical Prototype
Pemark:	

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- 1. In this report is based on original report FCC ID: ZMOL850GLD-D1, Sporton Report No.: FA8D0543 to additional simultaneous transmission analysis with Intel AX200NGW. No additional WWAN SAR is necessary.
- 2. The Intel AX200NGW WLAN / Bluetooth module is also integrated into this host, WLAN/Bluetooth SAR testing results which can be referred to RF Exposure Lab SAR Evaluation Report, Report No.: SAR.20190503 (FCC ID: PD9AX200NG) and also used for simultaneous transmission analysis.

Host Information						
Equipment Name	Portable Computer					
Brand Name	DELL					
Model Name	P96G					
Integrated WLAN Module Brand Name: Intel Model Name: AX200NGW						
Wireless Technology and Frequency Range	WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5700 MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz					
Mode	WLAN: 802.11a/b/g/n/ac HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 Bluetooth BR/EDR/LE					

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4. <u>RF Exposure Limits</u>

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 Ankle		
0.08	1.6	4.0		

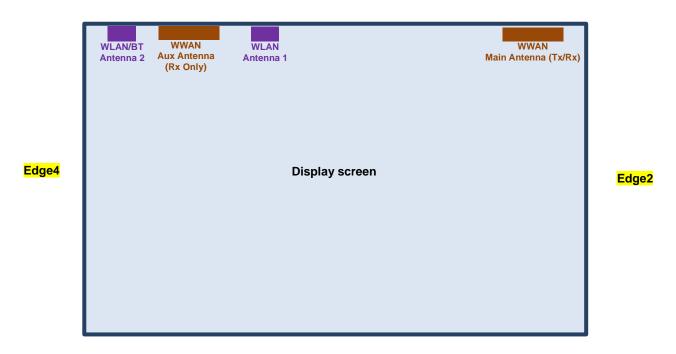
1. Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

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5. Antenna Location

<For Tablet Mode>

Edge1



Edge3 Front View

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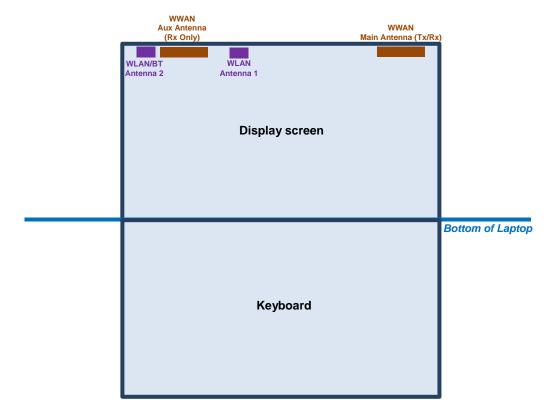
The separation distance for antenna to edge:

Antenna	To Edge1 (mm)	To Edge2 (mm)	To Edge3 (mm)	To Edge4 (mm)
WWAN Main Antenna	<5	9.35	195.65	237.55
WWAN Aux Antenna	<5	237.55	195.65	29.35
WLAN Antenna 1+2	<5	181.15	195.65	9.35

Antenna WWAN to WLAN Ant 1 (mm)		WWAN to WLAN Ant 2 (mm)	WLAN Ant 1 to WLAN Ant 2 (mm)
Minimum Distance	110	206	75

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<For Laptop Mode>



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The separation distance for antenna to edge:

Antenna	To Bottom of Laptop (mm)
WWAN Main Antenna	215
WWAN Aux Antenna	215
WLAN Antenna 1+2	215

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6. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Body
1.	WWAN + WLAN Ant 1 + WLAN Ant 2	Yes
2.	WWAN + WLAN Ant 1 + Bluetooth Ant 2	Yes

General Note:

- 1. WLAN and Bluetooth share the same antenna 2, and cannot transmit simultaneously.
- 2. EUT will choose either WLAN 2.4GHz or WLAN 5GHz according to the network signal condition; therefore, 2.4GHz WLAN and 5GHz WLAN will not operate simultaneously at any moment.

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- 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 6.2.

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6.1 Body Exposure Conditions

			1	2	3	4	5	6						
WWAN	N Band	Exposure Position	WWAN	2.4GHz WLAN Ant 1	2.4GHz WLAN Ant 2	5GHz WLAN Ant 1	5GHz WLAN Ant 2	Bluetooth Ant 2	Summed	1+4+5 Summed			SPLSR	Case
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		No
		Edge 1 at 16mm	1.133	0.31	0.29	0.65	0.87	0.07	1.733	2.653	1.513	2.723	Case 1	0.02
	WCDMA	Bottom Face at 0mm	1.157	0.25	0.54	0.16	0.45	0.07	1.947	1.767	1.477	1.387	Case 2	0.02
	II	Edge 1 at 0mm	1.167	0.31	0.29	0.65	0.87	0.07	1.767	2.687	1.547	1.887	Case 3	0.02
		Edge 2 at 0mm	0.457						0.457	0.457	0.457	0.457		
		Edge 1 at 16mm	0.856	0.31	0.29	0.65	0.87	0.04	1.456	2.376	1.206	1.546	Case 4	0.02
WCDMA	WCDMA	Bottom Face at 0mm	1.034	0.25	0.54	0.16	0.45	0.07	1.824	1.644	1.354	1.264	Case 5	0.01
VVCDIVIA	IV	Edge 1 at 0mm	1.197	0.31	0.29	0.65	0.87	0.04	1.797	2.717	1.547	1.887	Case 6	0.02
		Edge 2 at 0mm	0.155						0.155	0.155	0.155	0.155		
		Edge 1 at 16mm	0.388	0.31	0.29	0.65	0.87	0.04	0.988	1.908	0.738	1.078	Case 7	0.02
	WCDMA	Bottom Face at 0mm	0.619	0.25	0.54	0.16	0.45	0.07	1.409	1.229	0.939	0.849		
	V	Edge 1 at 0mm	1.198	0.31	0.29	0.65	0.87	0.04	1.798	2.718	1.548	1.888	Case 8	0.02
		Edge 2 at 0mm	0.206						0.206	0.206	0.206	0.206		
		Edge 1 at 16mm	0.743	0.31	0.29	0.65	0.87	0.04	1.343	2.263	1.093	1.433	Case 9	0.02
	LTE	Bottom Face at 0mm	0.979	0.25	0.54	0.16	0.45	0.07	1.769	1.589	1.299	1.209	Case 10	0.01
	Band 2	Edge 1 at 0mm	1.151	0.31	0.29	0.65	0.87	0.04	1.751	2.671	1.501	1.841	Case 11	0.02
		Edge 2 at 0mm	0.384						0.384	0.384	0.384	0.384		
	LTE Band 7	Edge 1 at 16mm	0.572	0.31	0.29	0.65	0.87	0.04	1.172	2.092	0.922	1.262	Case 12	0.02
		Bottom Face at 0mm	0.869	0.25	0.54	0.16	0.45	0.07	1.659	1.479	1.189	1.099	Case 13	0.01
		Edge 1 at 0mm	1.096	0.31	0.29	0.65	0.87	0.04	1.696	2.616	1.446	1.786	Case 14	0.02
		Edge 2 at 0mm	0.386						0.386	0.386	0.386	0.386		
	LTE	Edge 1 at 16mm	0.161	0.31	0.29	0.65	0.87	0.04	0.761	1.681	0.511	0.851	Case 15	0.02
		Bottom Face at 0mm	0.452	0.25	0.54	0.16	0.45	0.07	1.242	1.062	0.772	0.682		
	Band 12	Edge 1 at 0mm	1.002	0.31	0.29	0.65	0.87	0.04	1.602	2.522	1.352	1.692	Case 16	0.02
		Edge 2 at 0mm	0.142						0.142	0.142	0.142	0.142		
-		Edge 1 at 16mm	0.341	0.31	0.29	0.65	0.87	0.04	0.941	1.861	0.691	1.031	Case 17	0.02
	LTE	Bottom Face at 0mm	0.578	0.25	0.54	0.16	0.45	0.07	1.368	1.188	0.898	0.808		
	Band 13	Edge 1 at 0mm	1.110	0.31	0.29	0.65	0.87	0.04	1.710	2.630	1.460	1.800	Case 18	0.02
		Edge 2 at 0mm	0.249						0.249	0.249	0.249	0.249		
LTE		Edge 1 at 16mm	0.345	0.31	0.29	0.65	0.87	0.04	0.945	1.865	0.695	1.035	Case 19	0.02
	LTE	Bottom Face at 0mm	0.496	0.25	0.54	0.16	0.45	0.07	1.286	1.106	0.816	0.726		
	Band 26	Edge 1 at 0mm	1.130	0.31	0.29	0.65	0.87	0.04	1.730	2.650	1.480	1.820	Case 20	0.02
		Edge 2 at 0mm	0.192						0.192	0.192	0.192	0.192		
		Edge 1 at 16mm	0.222	0.31	0.29	0.65	0.87	0.04	0.822	1.742	0.572	0.912	Case 21	0.02
	LTE	Bottom Face at 0mm	0.448	0.25	0.54	0.16	0.45	0.07	1.238	1.058	0.768	0.678		
	Band 30	Edge 1 at 0mm	1.168	0.31	0.29	0.65	0.87	0.04	1.768	2.688	1.518	1.858	Case 22	0.02
		Edge 2 at 0mm	0.297						0.297	0.297	0.297	0.297		
		Edge 1 at 16mm	0.497	0.31	0.29	0.65	0.87	0.04	1.097	2.017	0.847	1.187	Case 23	0.02
	LTE	Bottom Face at 0mm	0.400	0.25	0.54	0.16	0.45	0.07	1.190	1.010	0.720	0.630		
	Band 41	Edge 1 at 0mm	1.189	0.31	0.29	0.65	0.87	0.04	1.789	2.709	1.539	1.879	Case 24	0.02
		Edge 2 at 0mm	0.125						0.125	0.125	0.125	0.125		
		Edge 1 at 16mm	0.569	0.31	0.29	0.65	0.87	0.04	1.169	2.089	0.919	1.259	Case 25	0.02
	LTE	Bottom Face at 0mm	0.993	0.25	0.54	0.16	0.45	0.07	1.783	1.603	1.313	1.223	Case 26	0.01
	Band 66	Edge 1 at 0mm	1.188	0.31	0.29	0.65	0.87	0.04	1.788	2.708	1.538	1.878	Case 27	0.02
	l	Edge 2 at 0mm	0.066						0.066	0.066	0.066	0.066		

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6.2 SPLSR Evaluation and Analysis

General Note:

 According to section5 antenna location, the minimum distance between each transmit antenna is used for SPLSR analysis, SPLSR = (SAR1 + SAR2)1.5 / (min. separation distance, mm). If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary

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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. For each band and each position configuration, the worst summed SAR results and the minimum distance is using for SPLSR calculated, due to it is the worst case.

	Band	Position	CAD (M/lem)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dand	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	WCDMA II	Edge 1	1.133	16mm	110.0	1.44	0.02	Not required
	WLAN2.4G_Ant 1	Euge 1	0.310	0mm	110.0	1.44	0.02	Not required
	WCDMA II	Edge 1	1.133	16mm	206.0	1.42	0.01	Not required
W	WLAN2.4G_Ant 2	Euge 1	0.290	0mm	200.0	1.42	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2	Euge i	0.290	0mm	75.0	0.60	0.01	Not required
	WCDMA II	Edge 1	1.133	16mm	110.0	1.78	0.02	Not required
Case	WLAN5G_Ant 1		0.650	0mm		1.76	0.02	Not required
	WCDMA II	Edge 1	1.133	16mm	206.0	2.00	0.01	Not required
	WLAN5G_Ant 2	Euge 1	0.870	0mm	206.0	2.00	0.01	
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Euge 1	0.870	0mm	75.0	1.52	0.02	Not required
	WCDMA II	Edge 1	1.133	16mm	206.0	1.20	0.01	Not required
-	BT_Ant 2	Euge i	0.070	0mm	200.0	1.20	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2	Luge 1	0.070	0mm	75.0	0.72		

	David	Decision.	CAR (M/II)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	WCDMA II	Bottom Face	1.157	0mm	110.0	1.41	0.02	Not required
Case 2	WLAN2.4G_Ant 1	Bollom Face	0.250	0mm	110.0	1.41	0.02	Not required
	WCDMA II	Bottom Face	1.157	0mm	206.0	1.70	0.01	Not required
	WLAN2.4G_Ant 2	Bollom Face	0.540	0mm	206.0	1.70	0.01	Not required
	WLAN2.4G_Ant 1	Bottom Face	0.250	0mm	75.0	0.79	0.01	Not required
Case 2	WLAN2.4G_Ant 2		0.540	0mm		0.79	0.01	Not required
	WCDMA II	Dottom Food	1.157	0mm	440.0	4.00	0.04	Not required
	WLAN5G_Ant 1	Bottom Face	0.160	0mm	110.0	1.32	0.01	
	WCDMA II	Dottom Food	1.157	0mm	206.0	1.61	0.01	Not required
	WLAN5G_Ant 2	Bottom Face	0.450	0mm	206.0	1.61	0.01	Not required
	WLAN5G_Ant 1	5	0.160	0mm	75.0	0.61	0.01	Not required
	WLAN5G_Ant 2	Bottom Face	0.450	0mm				

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	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dano	i osition	SAIT (W/Kg)	(mm)	(mm)	(W/kg)	Results	SAR
	WCDMA II	Edge 1	1.167	0mm	110.0	1.48	0.02	Not required
	WLAN2.4G_Ant 1	Lage	0.310	0mm	110.0	1.40	0.02	Not required
	WCDMA II	Edge 1	1.167	0mm	206.0	1.46	0.01	Not required
	WLAN2.4G_Ant 2	Edge	0.290	0mm	206.0	1.46	0.01	Not required
Case 3	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2	Luge	0.290	0mm	75.0	0.60	0.01	Not required
	WCDMA II	Edge 1	1.167	0mm	110.0	1.82	0.02	Not required
Ouse 5	WLAN5G_Ant 1		0.650	0mm	110.0	1.02		Not required
	WCDMA II	Edge 1	1.167	0mm	206.0	2.04	0.01	Not required
	WLAN5G_Ant 2	Lage	0.870	0mm	200.0	2.04	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Lage	0.870	0mm	73.0	1.52	0.02	Not required
_	WCDMA II	Edgo 1	1.167	0mm	206.0	1.24	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.24	0.01	Not required
	WLAN5G_Ant 1	Ed 4	0.650	0mm	75.0	0.70	0.01	Not required
	BT_Ant 2 Edge 1	0.070	0mm	73.0	0.72	0.01	Not required	

	Band	Position	CAD (M/les)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dand	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	WCDMA IV	Edge 1	0.856	16mm	110.0	1.51	0.02	Not required
Case 4	WLAN5G_Ant 1		0.650	0mm			0.02	
Case 4	WCDMA IV	- Edge 1	0.856	16mm	206.0	1.73	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm				
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm				

	Donal	Danitian.	CAR (M/II)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	WCDMA IV	Bottom Face	1.034	0mm	110.0	1.28	0.01	Not required
Case 5	WLAN2.4G_Ant 1	Bollom Face	0.250	0mm	110.0	1.28	0.01	Not required
	WCDMA IV	Bottom Face	1.034	0mm	206.0	1.57	0.01	Not required
	WLAN2.4G_Ant 2		0.540	0mm	206.0		0.01	
	WLAN2.4G_Ant 1	Bottom Face	0.250	0mm	75.0	0.79	0.01	Not required
Case 3	WLAN2.4G_Ant 2		0.540	0mm		0.79		Not required
	WCDMA IV	Bottom Face	1.034	0mm	440.0	1.19	0.01	Not required
	WLAN5G_Ant 1	Bollom Face	0.160	0mm	110.0	1.19	0.01	
	WCDMA IV	Bottom Face	1.034	0mm	206.0	1.48	0.01	Not required
	WLAN5G_Ant 2	Bollom Face	0.450	0mm	206.0	1.40	0.01	Not required
	WLAN5G_Ant 1	5	0.160	0mm	75.0	0.61	0.01	Not required
	WLAN5G_Ant 2	Bottom Face	0.450	0mm				

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BT_Ant 2

	Band	Position	CAD (M/lem)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Dano	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	WCDMA IV	Edge 1	1.197	0mm	110.0	1.51	0.02	Not required
	WLAN2.4G_Ant 1	Edge	0.310	0mm	110.0	1.51	0.02	Not required
	WCDMA IV	Edge 1	1.197	0mm	206.0	1.49	0.01	Not required
	WLAN2.4G_Ant 2	Edge 1	0.290	0mm	206.0	1.49	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm		0.60	0.01	Not required
Case 6	WCDMA IV	Edge 1	1.197	0mm	110.0	1.85	0.02	Not required
Case o	WLAN5G_Ant 1		0.650	0mm		1.00		
	WCDMA IV	Edge 1	1.197	0mm	206.0	2.07	0.01	Not required
	WLAN5G_Ant 2	Luge	0.870	0mm	200.0	2.07	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Luge	0.870	0mm	73.0	1.52	0.02	Not required
-	WCDMA IV	Edge 1	1.197	0mm	206.0	1 27	0.01	Niet er en in 1
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.27	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	0.72	0.01	Not required
	BT Ant 2	Luge	0.070	0mm	73.0	0.72	0.01	

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	Band	Position	CAD (M/km)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	band	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	WCDMA V	Edge 1	0.388	16mm	110.0	1.04	0.01	Not required
Case 7	WLAN5G_Ant 1		0.650	0mm		1.04	0.01	
Case I	WCDMA V	Edge 1	0.388	16mm	206.0	1.26	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm				
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm				

0mm

0.070

	51	B	0.45 (14/1 .)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	WCDMA V	Edge 1	1.198	0mm	110.0	1.51	0.02	Not required
	WLAN2.4G_Ant 1	Euge i	0.310	0mm	110.0	1.51	0.02	Not required
	WCDMA V	Edgo 1	1.198	0mm	206.0	1.49	0.01	Not so suiss d
	WLAN2.4G_Ant 2	Edge 1	0.290	0mm	206.0	1.49	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2	Euge i	0.290	0mm	75.0	0.60	0.01	Not required
Case 8	WCDMA V	Edge 1	1.198	0mm	110.0	1.85	0.02	Not required
Case o	WLAN5G_Ant 1		0.650	0mm	110.0	1.00	0.02	Not required
	WCDMA V	Edge 1	1.198	0mm	206.0	2.07	0.01	Not required
	WLAN5G_Ant 2	Euge i	0.870	0mm	200.0	2.07	0.01	
	WLAN5G_Ant 1	Edmo 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	75.0	1.52	0.02	Not required
	WCDMA V	Edgo 1	1.198	0mm	206.0	1.27	0.01	Not required
_	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.27	0.01	Not required
	WLAN5G_Ant 1	Edna 4	0.650	0mm	75.0	0.72	0.01	Not as suring at
	BT_Ant 2 Edge 1	Euge I	0.070	0mm	75.0	0.72		Not required

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	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	R SPLSR Results 0.01 0.01	Simultaneous SAR
	Dallu	rosition	SAIT (W/Kg)	(mm)	(mm)	(W/kg)	Results	
Case 9	LTE B2	Edge 1	0.743	16mm	110.0	1.39	0.01	Not required
	WLAN5G_Ant 1		0.650	0mm	110.0	1.00	0.01	
Case 3	LTE B2	Edge 1	0.743	16mm	206.0	1.61	0.04	Not required
	WLAN5G_Ant 2		0.870	0mm	200.0	1.01	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm		1.52	0.02	

	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dallu	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	LTE B2	Bottom Face	0.979	0mm	110.0	1.23	0.01	Not required
Case 10	WLAN2.4G_Ant 1		0.250	0mm			0.01	
Case 10	LTE B2	Bottom Face	0.979	0mm	206.0	1.52	0.01	Not required
	WLAN2.4G_Ant 2		0.540	0mm	206.0			
-	WLAN2.4G_Ant 1	Bottom Face	0.250	0mm	75.0	0.79	0.01	Not required
	WLAN2.4G_Ant 2		0.540	0mm				

	David	De elitie in	CAR (M/II)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	LTE B2	Edge 1	1.151	0mm	110.0	1.46	0.02	Not required
	WLAN2.4G_Ant 1	Euge i	0.310	0mm	110.0	1.46	0.02	Not required
	LTE B2	Edgo 1	1.151	0mm	206.0	1.44	0.01	N
	WLAN2.4G_Ant 2	Edge 1	0.290	0mm	200.0	1.44	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm	75.0	0.60	0.01	Not required
Case 11	LTE B2	Edge 1	1.151	0mm	110.0	1.80	0.02	Not required
Ouse 11	WLAN5G_Ant 1		0.650	0mm	110.0	1.80	0.02	Not required
	LTE B2	Edge 1	1.151	0mm	206.0	2.02	0.01	Not required
	WLAN5G_Ant 2	Lage	0.870	0mm	200.0	2.02	0.01	
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Euge i	0.870	0mm	75.0	1.52	0.02	Not required
	LTE B2	Edge 1	1.151	0mm	206.0	1.22	0.01	Not required
	BT_Ant 2	Luge	0.070	0mm	206.0	1.22	0.01	Not required
	WLAN5G_Ant 1	Edmo 1	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm				

	Band	Position	CAD (M/lem)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dand	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	LTE B7	Edge 1	0.572	16mm	110.0	1.22	0.01	Not required
Case 12	WLAN5G_Ant 1		0.650	0mm		1.22	0.01	
Case 12	LTE B7	Edge 1	0.572	16mm	206.0	1.44	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm				
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm				

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	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dang	1 Oshion	OAR (W/Rg)	(mm)	(mm)	(W/kg)	Results	SAR
Case 13	LTE B7	Bottom Face	0.869	0mm	110.0	1.12	0.01	Not required
	WLAN2.4G_Ant 1		0.250	0mm	110.0			
Case 13	LTE B7	Bottom Face	0.869	0mm	206.0	1.41	0.01	Not required
	WLAN2.4G_Ant 2		0.540	0mm				
	WLAN2.4G_Ant 1	Bottom Face	0.250	0mm	75.0	0.79	0.01	Not required
	WI AN2 4G Ant 2		0.540	0mm				Not required

	Dand	Position	CAD (M/lem)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	LTE B7	Edge 1	1.096	0mm	110.0	1.41	0.02	Not required
	WLAN2.4G_Ant 1	Euge i	0.310	0mm	110.0	1.41	0.02	Not required
	LTE B7	Edge 1	1.096	0mm	206.0	1.39	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm		1.59	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2	Euge 1	0.290	0mm	75.0	0.60	0.01	Not required
Case 14	LTE B7	Edmo 1	1.096	0mm	110.0	1.75	0.02	Not required
Case 14	WLAN5G_Ant 1	Edge 1	0.650	0mm		1.75	0.02	Not required
	LTE B7	Edge 1	1.096	0mm		1.97	0.01	Not required
	WLAN5G_Ant 2	Eage 1	0.870	0mm	206.0	1.97	0.01	Not required
	WLAN5G_Ant 1	Edgo 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	75.0	1.52	0.02	Not required
	LTE B7	Edgo 1	1.096	0mm	206.0	1.17	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.17	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm	73.0			Not required

	Dand	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/Rg)	(mm)	(mm)	(W/kg)	Results	SAR
	LTE B12	Edge 1	0.161	16mm	110.0	0.81	0.01	Not required
Case 15	WLAN5G_Ant 1		0.650	0mm	110.0	0.01	0.01	
Case 13	LTE B12	Edge 1	0.161	16mm	206.0	1.03	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm	206.0			
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm				

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	B	B. Miller	0AD (M/II)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	LTE B12	Edge 1	1.002	0mm	110.0	1.31	0.01	Not required
	WLAN2.4G_Ant 1	Edge	0.310	0mm	110.0	1.31	0.01	Not required
	LTE B12	Edmo 1	1.002	0mm	000.0	1.20	0.01	Nat as accion d
	WLAN2.4G_Ant 2	Edge 1	0.290	0mm	206.0	1.29	0.01	Not required
	WLAN2.4G_Ant 1	Edmo 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2	Edge 1	0.290	0mm	75.0	0.60	0.01	Not required
Case 16	LTE B12	Edge 1	1.002	0mm	110.0	1.65	0.02	Not required
Case 10	WLAN5G_Ant 1		0.650	0mm	110.0	1.05	0.02	rtorrequired
	LTE B12	E	1.002	0mm	206.0	1.87	0.01	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	200.0	1.07	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge	0.870	0mm	75.0	1.52	0.02	Not required
	LTE B12	Edge 1	1.002	0mm	206.0	1.07	0.04	Not required
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.07	0.01	Not required
	WLAN5G_Ant 1	Edna 4	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm	75.0			

	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	band	i osition	SAR (W/Rg)	(mm)	(mm)	(W/kg)	Results	SAR
	LTE B13	Edge 1	0.341	16mm	110.0	0.99	0.01	Not required
Case 17	WLAN5G_Ant 1	Euge 1	0.650	0mm	110.0	0.99	0.01	
Case II	LTE B13	Edge 1	0.341	16mm	206.0	1.21	0.01	Not required
	WLAN5G_Ant 2	Euge 1	0.870	0mm	206.0			Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0			Not required
	WLAN5G_Ant 2	Euge 1	0.870	0mm	75.0			Not required

	B	B	0.45 (14/1)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	LTE B13	Edge 1	1.11	0mm	110.0	1.42	0.02	Not required
	WLAN2.4G_Ant 1	Euge	0.310	0mm	110.0	1.42	0.02	Not required
	LTE B13	Edge 1	1.110	0mm	206.0	1.40	0.01	Not required
	WLAN2.4G_Ant 2	Luge	0.290	0mm	206.0	1.40	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm	75.0	0.60	0.01	Not required
Case 18	LTE B13	Edge 1	1.110	0mm	110.0	1.76	0.02	Not required
Case 16	WLAN5G_Ant 1		0.650	0mm	110.0	1.76	0.02	Not required
	LTE B13	Edge 1	1.110	0mm	000.0	1.98	0.01	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	206.0	1.90	0.01	
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	75.0	1.52	0.02	Not required
	LTE B13	Edge 1	1.110	0mm	206.0	1.18	0.01	
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.18	0.01	Not required
	WLAN5G_Ant 1	Edma 4	0.650	0mm	75.0	0.72	0.01	Nat as suring al
	BT_Ant 2	Edge 1	0.070	0mm				Not required

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	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dallu	1 03111011	SAR (W/Rg)	(mm)	(mm)	(W/kg)	Results	SAR
Case 19	LTE B26	Edge 1	0.345	16mm	110.0	1.00	0.01	Not required
	WLAN5G_Ant 1		0.650	0mm	110.0			
Case 13	LTE B26	Edge 1	0.345	16mm	206.0	1.22	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm				
	WLAN5G_Ant 1	Edua 4	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm				Not required

	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	band	Position	SAR (W/kg)	(mm)	(mm)	(W/kg)	Results	SAR
	LTE B26	Edge 1	1.13	0mm	110.0	1.44	0.02	Not required
	WLAN2.4G_Ant 1	Lage	0.310	0mm	110.0	1.44	0.02	Not required
	LTE B26	Edge 1	1.130	0mm	206.0	1.42	0.01	Not required
	WLAN2.4G_Ant 2	Euge i	0.290	0mm	206.0	1.42	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2	Euge i	0.290	0mm	75.0	0.60	0.01	Not required
Case 20	LTE B26	Edmo 1	1.130	0mm	110.0	1.78	0.02	Not required
Case 20	WLAN5G_Ant 1	Edge 1	0.650	0mm		1.78	0.02	Not required
	LTE B26	Edmo 1	1.130	0mm		2.00	0.01	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	206.0	2.00	0.01	Not required
	WLAN5G_Ant 1	Edmo 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	75.0	1.52	0.02	Not required
	LTE B26	Edgo 1	1.130	0mm	206.0	1.20	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.20	0.01	Not required
	WLAN5G_Ant 1	Edua 4	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm				

	Bar	Dand	Position	SAR (W/kg)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
		band	Fosition	SAR (W/Rg)	(mm)	distance (mm)	(W/kg)	Results	SAR
		LTE B30	Edge 1	0.222	16mm	110.0	0.87	0.01	Not required
Ca	ise 21	WLAN5G_Ant 1		0.650	0mm	110.0	0.07	0.01	
Ca	136 21	LTE B30	Edge 1	0.222	16mm	206.0	1.09	0.01	Not required
		WLAN5G_Ant 2	Euge 1	0.870	0mm	206.0	1.09	0.01	Not required
		WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Luge	0.870	0mm	75.0	1.52	0.02	Not required	

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BT_Ant 2

Minimum Gap Summed SAR (W/kg) Simultaneous SAR SPLSR SAR (W/kg) Position Band distance Results (mm) (mm) LTE B30 1.168 0mm Edge 1 110.0 1.48 0.02 Not required 0.310 0mm WLAN2.4G_Ant 1 LTE B30 1.168 0mm Edge 1 206.0 1.46 0.01 Not required WLAN2.4G_Ant 2 0.290 0mm WLAN2.4G_Ant 1 0.310 0mm Edge 1 75.0 0.60 0.01 Not required WLAN2.4G_Ant 2 0.290 0mm LTE B30 1.168 0mm Case 22 110.0 1.82 0.02 Edge 1 Not required WLAN5G_Ant 1 0.650 0mm LTE B30 1.168 0mm 206.0 2.04 0.01 Not required Edge 1 WLAN5G_Ant 2 0.870 0mm WLAN5G_Ant 1 0.650 0mm Edge 1 75.0 1.52 0.02 Not required WLAN5G_Ant 2 0.870 0mm LTE B30 1.168 0mm Edge 1 206.0 1.24 0.01 Not required BT_Ant 2 0.070 0mm WLAN5G_Ant 1 0.650 0mm 75.0 0.72 0.01 Not required Edge 1

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	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous SAR
	Dand	Position	SAR (W/Rg)	(mm)	(mm)	(W/kg)	Results	
	LTE B41	Edge 1	0.497	16mm	110.0	1.15	0.01	Not required
Case 23	WLAN5G_Ant 1		0.650	0mm		1.15	0.01	
Case 25	LTE B41		0.497	16mm	206.0	1.37	0.01	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	206.0	1.37	0.01	Not required
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm				Not required

0mm

0.070

	B	B	0.45 (14/1)	Gap	Minimum	Summed SAR	SPLSR	Simultaneous
	Band	Position	SAR (W/kg)	(mm)	distance (mm)	(W/kg)	Results	SAR
	LTE B41	Edge 1	1.189	0mm	110.0	1.50	0.02	Not required
	WLAN2.4G_Ant 1	Euge	0.310	0mm	110.0	1.50	0.02	Not required
	LTE B41	Edge 1	1.189	0mm	206.0	1.48	0.01	Not as assissed
	WLAN2.4G_Ant 2	Euge	0.290	0mm		1.40	0.01	Not required
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm	75.0	0.60	0.01	Not required
Case 24	LTE B41	Edge 1	1.189	0mm	110.0	1.84	0.02	Not required
Case 24	WLAN5G_Ant 1		0.650	0mm	110.0	1.04	0.02	Not required
	LTE B41	Edge 1	1.189	0mm	206.0	2.06	0.01	Not required
	WLAN5G_Ant 2	Edge	0.870	0mm	200.0	2.06	0.01	
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2	Edge 1	0.870	0mm	75.0	1.52	0.02	Not required
	LTE B41	Edge 1	1.189	0mm	206.0	1.26	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm	206.0	1.20	0.01	Not required
	WLAN5G_Ant 1	Edua 4	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2	Edge 1	0.070	0mm				Not required

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	Band	Position	SAR (W/kg)	Gap	Minimum distance	Summed SAR	SPLSR	Simultaneous
	Dallu	1 03111011	SAR (W/Rg)	(mm)	(mm)	(W/kg)	Results	SAR
Case 25	LTE B66	Edge 1	0.569	16mm	110.0	1.22	0.01	Not required
	WLAN5G_Ant 1		0.650	0mm	110.0	1.22		
Case 23	LTE B66	Edge 1	0.569	16mm	206.0	1.44	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm				
	WLAN5G_Ant 1	F.1. 4	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G Ant 2	Edge 1	0.870	0mm				

Case 26	Band	Position	SAR (W/kg)	Gap	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)				
	LTE B66	Bottom Face	0.993	0mm	110.0	1.24	0.01	Not required
	WLAN2.4G_Ant 1		0.250	0mm				
	LTE B66	Bottom Face	0.993	0mm	206.0	1.53	0.01	Not required
	WLAN2.4G_Ant 2		0.540	0mm				
	WLAN2.4G_Ant 1	Bottom Face	0.250	0mm	75.0	0.79	0.01	Not required
	WLAN2.4G_Ant 2		0.540	0mm				
	LTE B66	Bottom Face	0.993	0mm	110.0	1.15	0.01	Not required
	WLAN5G_Ant 1		0.160	0mm				
	LTE B66	Bottom Face	0.993	0mm	206.0	1.44	0.01	Not required
	WLAN5G_Ant 2		0.450	0mm				
	WLAN5G_Ant 1	Bottom Face	0.160	0mm	75.0	0.61	0.01	Not required
	WLAN5G_Ant 2		0.450	0mm				

	Band	Position	SAR (W/kg)	Gap	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 27				(mm)				
	LTE B66	- Edge 1	1.188	0mm	110.0	1.50	0.02	Not required
	WLAN2.4G_Ant 1		0.310	0mm				
	LTE B66	Edge 1	1.188	0mm	206.0	1.48	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm				
	WLAN2.4G_Ant 1	Edge 1	0.310	0mm	75.0	0.60	0.01	Not required
	WLAN2.4G_Ant 2		0.290	0mm				
	LTE B66	Edge 1	1.188	0mm	110.0	1.84	0.02	Not required
	WLAN5G_Ant 1		0.650	0mm				
	LTE B66	Edge 1	1.188	0mm	206.0	2.06	0.01	Not required
	WLAN5G_Ant 2		0.870	0mm				
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	1.52	0.02	Not required
	WLAN5G_Ant 2		0.870	0mm				
	LTE B66	Edge 1	1.188	0mm	206.0	1.26	0.01	Not required
	BT_Ant 2		0.070	0mm				
	WLAN5G_Ant 1	Edge 1	0.650	0mm	75.0	0.72	0.01	Not required
	BT_Ant 2		0.070	0mm				

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7. References

[1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"

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- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [4] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [5] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.

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