



RF Exposure Report

FCC ID : MCLT77W968
Equipment : LTE M.2 Module
Brand Name : FOXCOON
Model Name : T77W968
Applicant : HON HAI Precision Ind. Co., Ltd.
5F-1, 5, Hsin-An Road Hsinchu Science-Based Industrial Park
Standard : FCC 47 CFR Part 2 (2.1093)
ANSI/IEEE C95.1-1992
IEEE 1528-2013

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Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA9N2619-04	01	Initial issue of report	Apr. 13, 2020



1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for HON HAI Precision Ind. Co., Ltd., LTE M.2 Module, T77W968, are as follows.

Equipment Class	Highest SAR Summary	Highest Simultaneous Transmission 1g SAR (W/kg)
	Body (Separation 0mm)	
	1g SAR (W/kg)	
Licensed	0.40	1.54

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: Jason Wang

Report Producer: Wan Liu

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



3. Equipment Under Test (EUT) Information

3.1 General Information

Product Feature & Specification	
Equipment Name	LTE M.2 Module
Brand Name	FOXCOON
Model Name	T77W968
FCC ID	MCLT77W968
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 14: 790.5 MHz ~ 795.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7 MHz ~ 1914.3 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



Host Information		
Equipment Name	Portable Computer	
Brand Name	DELL	
Model Name	P33S	
Integrated WLAN Module 1	Brand Name	Intel
	Model Name	9560D2W
	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	802.11a/b/g/n/ac HT20/HT40/VHT20/VHT40/VHT80/VHT160 Bluetooth BR/EDR/LE
Integrated WLAN Module 2	Brand Name	Intel
	Model Name	AX201D2W
	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	802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/H160 Bluetooth BR/EDR/LE
Integrated RFID Module	Brand Name	DELL
	Model Name	DWRFID1902
	Wireless Technology and Frequency Range	NFC : 13.56 MHz
	Mode	NFC:ASK
EUT Stage	Production Unit	
Remark:		
1. The Intel 9560D2W / Intel AX201D2W WLAN/Bluetooth module is also integrated into this host, WLAN/Bluetooth power and WLAN SAR testing data, which can be referred to RF Exposure Lab SAR Test Report, Report No.: SAR.20200310 (FCC ID: PD99560D2) / SAR.20200311 (FCC ID: PD9AX201D2) and these results are used simultaneous transmission analysis.		



Battery Information				
Battery 1	Brand Name	DELL	Model Name	35J09
	Power Rating	<u>13.29</u> Vdc, <u>3255</u> mAh	Type	Li-ion, __
Battery 2	Brand Name	DELL	Model Name	JHT2H
	Power Rating	<u>8.8</u> Vdc, <u>6500</u> mAh	Type	Li-ion, __
Battery 3	Brand Name	DELL	Model Name	Y7HR3
	Power Rating	<u>13.2</u> Vdc, <u>5667</u> mAh	Type	Li-ion, __

WWAN Antenna Information P33S			
Antenna Part Number	Manufacture	Antenna Type	Peak Gain (dBi)
F.0G.FH-6104-003-00 (DC33002EH0L) Tx1/ Rx1 Main Antenna	Speedwire	PIFA	698-821MHz-1.46dBi(peak)
			824-960MHz-1.98dBi(peak)
			1425-1515MHz-3.14dBi(peak)
			1710-2200MHz-0.51dBi(peak)
			2300-2690MHz-0.88dBi(peak)
			3400-3800MHz0.08dBi(peak)
			5150-5925MHz-6.27dBi(peak)
F.0G.FH-6104-002-00 (DC33002E11L) Rx2 Aux. Antenna	Speedwire	PIFA	716-821MHz-0.07dBi(peak)
			824-960MHz-1.42dBi(peak)
			1425-1515MHz-1.66dBi(peak)
			1557-1610 MHz-1.72dBi(peak)
			1805-2200MHz-0.32dBi(peak)
			2300-2690MHzz0.31dBi(peak)
			3400-3800MHz0.35dBi(peak)
5150-5925MHz0.85dBi(peak)			

WWAN Antenna Information P33S			
Antenna Part Number	Manufacture	Antenna Type	Peak Gain (dBi)
81ELAS15.G05 (DC33002EL0L) Tx1/ Rx1 Main Antenna	Wistron NeWeb Corporation	PIFA	698-821MHz-0.54dBi(peak)
			824-960MHz-0.90dBi(peak)
			1425-1515MHz-2.72dBi(peak)
			1710-2200MHz0.47dBi(peak)
			2300-2690MHz-0.61dBi(peak)
			3400-3800MHz0.98dBi(peak)
			5150-5925MHz-5.12dBi(peak)
81ELAS15.G06 (DC33002EM1L) Rx2 Aux. Antenna	Wistron NeWeb Corporation	PIFA	716-821MHz0.56dBi(peak)
			824-960MHz-0.81dBi(peak)
			1425-1515MHz0.32dBi(peak)
			1557-1610 MHz-0.72dBi(peak)
			1805-2200MHz-0.13dBi(peak)
			2300-2690MHzz0.36dBi(peak)
			3400-3800MHz-0.02dBi(peak)
5150-5925MHz2.23dBi(peak)			



WLAN Antenna Information P33S									
1 HB WLAN on base_AL	Ant. Type	PIFA		connector	2 HB WLAN on base_CF	Ant. Type	PIFA		connector
	Model No.	Main:260-24297(DC33002EE0L) Aux:260-24297(DC33002EE0L)				Model No.	Main:260-24297(DC33002EE0L) Aux:260-24297(DC33002EE0L)		
	Peak Gain					Peak Gain			
	2400-2483.5MHz	Main:-3.36 Aux:-5.54	5470-5725MHz	Main:-0.04 Aux:-2.18		2400-2483.5MHz	Main:-3.54 Aux:-5.55	5470-5725MHz	Main:-0.13 Aux:-2.28
	5150-5250MHz	Main:0 Aux:-0.55	5725-5850MHz	Main:0.51 Aux:-2.93		5150-5250MHz	Main:-0.39 Aux:-0.66	5725-5850MHz	Main:0.21 Aux:-2.93
5250-5350MHz	Main:-2.28 Aux:-0.2			5250-5350MHz	Main:-2.38 Aux:-0.49				
3 HB WLAN on top	Ant. Type	PIFA		connector	4 Speedwire WLAN on base_AL	Ant. Type	PIFA		connector
	Model No.	Main:260-24298(DC33002E0L) Aux:260-24298(DC33002E0L)				Model No.	Main:F.0G.FH-6106-001-00(DC33002E12L) Aux:F.0G.FH-6106-001-00(DC33002E12L)		
	Peak Gain					Peak Gain			
	2400-2483.5MHz	Main:-0.11 Aux:1.65	5470-5725MHz	Main:-0.65 Aux:0.59		2400-2483.5MHz	Main:-0.39 Aux:1.89	5470-5725MHz	Main:-1.31 Aux:-1.14
	5150-5250MHz	Main:-0.96 Aux:-1.56	5725-5850MHz	Main:0.75 Aux:-0.87		5150-5250MHz	Main:0.11 Aux:-1.55	5725-5850MHz	Main:-2.93 Aux:-1.07
5250-5350MHz	Main:-1.92 Aux:-0.92			5250-5350MHz	Main:0.11 Aux:-2.38				
4 Speedwire WLAN on base_CF	Ant. Type	PIFA		connector	5 Speedwire WLAN on top	Ant. Type	PIFA		connector
	Model No.	Main:F.0G.FH-6106-001-00(DC33002E12L) Aux:F.0G.FH-6106-001-00(DC33002E12L)				Model No.	Main:F.0G.FH-6106-002-001(DC33002EH1L) Aux:F.0G.FH-6106-002-001(DC33002EH1L)		
	Peak Gain					Peak Gain			
	2400-2483.5MHz	Main:-1.41 Aux:1.24	5470-5725MHz	Main:-0.23 Aux:-3.82		2400-2483.5MHz	Main:-1.62 Aux:0.44	5470-5725MHz	Main:-1.96 Aux:-0.37
	5150-5250MHz	Main:-1.62 Aux:-0.45	5725-5850MHz	Main:-0.74 Aux:-1.71		5150-5250MHz	Main:-2.43 Aux:-1.18	5725-5850MHz	Main:-0.45 Aux:0.65
5250-5350MHz	Main:-1.21 Aux:1.26			5250-5350MHz	Main:-2.3 Aux:-1.18				
6 WNC WLAN on base_AL	Ant. Type	PIFA		connector	7 WNC WLAN on base_CF	Ant. Type	PIFA		connector
	Model No.	Main:81ELAS15.G03(DC33002EM2L) Aux:81ELAS15.G03(DC33002EM2L)				Model No.	Main:81ELAS15.G03(DC33002EM2L) Aux:81ELAS15.G03(DC33002EM2L)		
	Main Peak Gain					Aux Peak Gain			
	2400-2483.5MHz	Main:0.3 Aux:1.02	5470-5725MHz	Main:0.13 Aux:-0.17		2400-2483.5MHz	Main:-1.31 Aux:-1	5470-5725MHz	Main:-0.57 Aux:-1.21
	5150-5250MHz	Main:0.25 Aux:-1.96	5725-5850MHz	Main:-1.6 Aux:-0.17		5150-5250MHz	Main:-1.18 Aux:0.29	5725-5850MHz	Main:-1.52 Aux:-0.47
5250-5350MHz	Main:1.41 Aux:-1.96			5250-5350MHz	Main:-0.93 Aux:-0.75				



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)

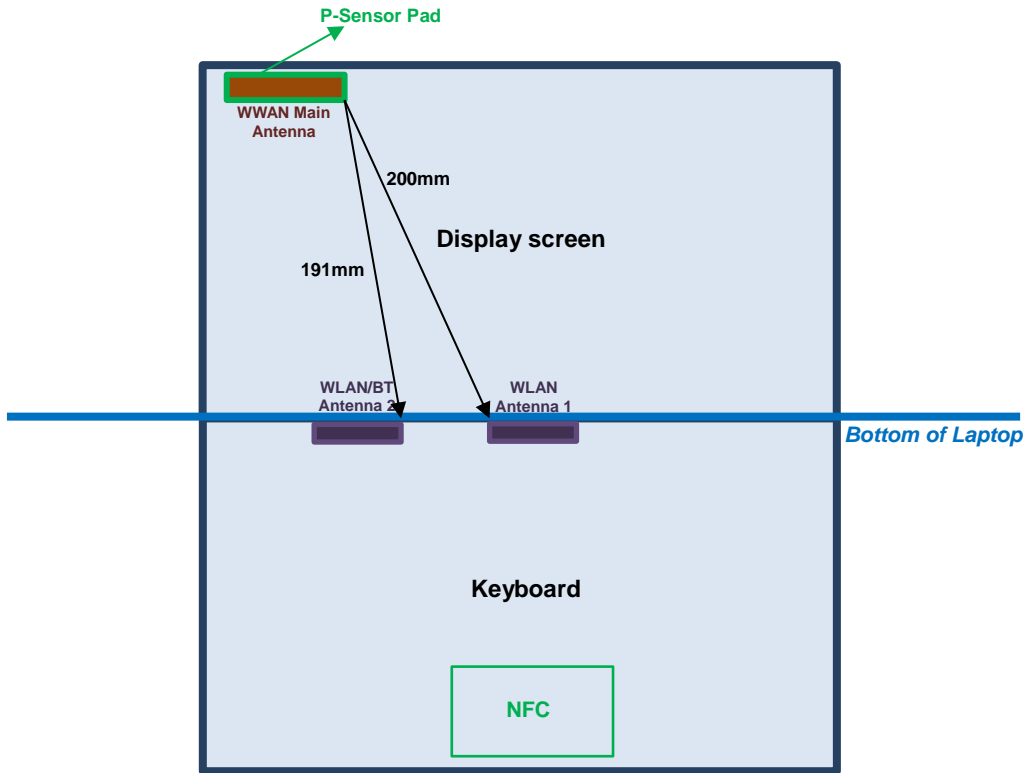
Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

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.

5. Antenna Location



The separation distance for antenna to edge :

Antenna distance to surface edge (mm)	
Laptop Mode	Bottom of laptop
WWAN Main	198.1



<SAR test exclusion table>

General Note:

1. The below table, when the distance is < 50 mm exclusion threshold is "Ratio", when the distance is > 50 mm exclusion threshold is "mW"
2. Maximum power is the source-based time-average power and represents the maximum RF output power among production units
3. Per KDB 447498 D01v06, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
4. Per KDB 447498 D01v06, standalone SAR test exclusion threshold is applied; If the test separation distance is < 5mm, 5mm is used to determine SAR exclusion threshold.
5. Per KDB 447498 D01v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:
 - $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
 - f(GHz) is the RF channel transmit frequency in GHz
 - Power and distance are rounded to the nearest mW and mm before calculation
 - The result is rounded to one decimal place for comparison
6. Per KDB 447498 D01v06, at 100 MHz to 6 GHz and for *test separation distances* > 50 mm, the SAR test exclusion threshold is determined according to the following
 - a) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · (f(MHz)/150)] mW, at 100 MHz to 1500 MHz
 - b) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · 10] mW at > 1500 MHz and ≤ 6 GHz

Exposure Position	Wireless Interface	WCDMA Band V	WCDMA Band IV	WCDMA Band II	LTE Band 14	LTE Band 12	LTE Band 17	LTE Band 13	LTE Band 5	LTE Band 26	LTE Band 4	LTE Band 66	LTE Band 2	LTE Band 25	LTE Band 30	LTE Band 7	LTE Band 38	LTE Band 41
	Calculated Frequency	846MHz	1750MHz	1907MHz	796MHz	715MHz	713MHz	784MHz	848MHz	848MHz	1754MHz	1779MHz	1909MHz	1914MHz	2312MHz	2567MHz	2617MHz	2687MHz
Maximum power (dBm)	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	23	24.5	24.5	24.5
Maximum rated power(mW)	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	282.0	200.0	282.0	282.0	282.0
Separation distance(mm)	198.1																	
Bottom of Laptop	exclusion threshold	998.0	1594.0	1589.0	854.0	883.0	881.0	943.0	1000.0	1000.0	1594.0	1593.0	1589.0	1589.0	1579.0	1574.0	1573.0	1572.0
Testing required?	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No



6. Simultaneous Transmission Analysis

<WWAN + Intel 9560D2W>

NO.	Simultaneous Transmission Configurations	Body
1.	WWAN + WLAN2.4GHz Ant 1 + WLAN2.4GHz Ant 2	Yes
2.	WWAN + WLAN2.4GHz Ant 1 + Bluetooth Ant 2	Yes
3.	WWAN + WLAN5GHz Ant 1 + WLAN5GHz Ant 2 +Bluetooth Ant 2	Yes

<WWAN + Intel AX201D2W>

NO.	Simultaneous Transmission Configurations	Body
4.	WWAN + WLAN2.4GHz Ant 1 + WLAN2.4GHz Ant 2	Yes
5.	WWAN + WLAN2.4GHz Ant 1 + Bluetooth Ant 2	Yes
6.	WWAN + WLAN5GHz Ant 1 + WLAN5GHz Ant 2	Yes
7.	WWAN + WLAN5GHz Ant 1 + Bluetooth Ant 2	Yes

General Note:

- The Intel 9560D2W / Intel AX201D2W WLAN/Bluetooth module is also integrated into this host, WLAN/Bluetooth power and WLAN SAR testing data, which can be referred to RF Exposure Lab SAR Test Report, Report No.: SAR.20200310 (FCC ID: PD99560D2) / SAR.20200311 (FCC ID: PD9AX201D2) and these results are used simultaneous transmission analysis.
- WLAN and Bluetooth share the same antenna 2, and cannot transmit simultaneously.
- 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.
- The Scaled SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D01v06 SAR test exclusion in section6, the standalone SAR testing is not required for this device, the estimated 1g SAR 0.4 W/kg is used for simultaneous transmission analysis when the test separation distance is > 50mm.
- Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation < 1.6W/kg.
 - $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, 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.
 - If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.
 - The SPLSR calculated results please refer to section 6.2.

6.1 Body Exposure Conditions

<WWAN + Intel 9560D2W>

Exposure Position	1	2	3	4	5	6	1+2+3 Summed 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+4+5+6 Summed 1g SAR (W/kg)	SPLSR	Case No
	WWAN	2.4GHz WLAN Ant 1	2.4GHz WLAN Ant 2	5GHz WLAN Ant 1	5GHz WLAN Ant 2	Bluetooth Ant 2					
Bottom of Laptop at 0mm	Estimated 1g SAR (W/kg) 0.400	1g SAR (W/kg) 0.780	1g SAR (W/kg) 0.600	1g SAR (W/kg) 0.930	1g SAR (W/kg) 0.860	1g SAR (W/kg) 0.110	1.780	1.290	2.300	0.03	Case 1

<WWAN + Intel AX201D2W>

Exposure Position	1	2	3	4	5	6	1+2+3 Summed 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	SPLSR	Case No
	WWAN	2.4GHz WLAN Ant 1	2.4GHz WLAN Ant 2	5GHz WLAN Ant 1	5GHz WLAN Ant 2	Bluetooth Ant 2						
Bottom of Laptop at 0mm	Estimated 1g SAR (W/kg) 0.400	1g SAR (W/kg) 0.850	1g SAR (W/kg) 0.740	1g SAR (W/kg) 1.050	1g SAR (W/kg) 1.030	1g SAR (W/kg) 0.090	1.990	1.340	2.480	1.540	0.04	Case 1



6.2 SPLSR Evaluation and Analysis

General Note:

1. According to section5 antenna location, the minimum distance between each transmit antenna is used for SPLSR analysis, $SPLSR = (SAR1 + SAR2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary
2. The minimum distance between WLAN ANT 1 and WLAN ANT 2 was according to RF Exposure Lab SAR Test Report, Report No.: SAR.20200316 (FCC ID: PD99560D2) / SAR.20200317 (FCC ID: PD9AX201D2)

<WWAN + Intel 9560D2W>

	Band	Position	SAR (W/kg)	Gap	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)				
Case 1	WWAN	Bottom of Laptop	0.400	0	195.0	1.18	0.01	Not required
	2.4G_Ant 1		0.780	0				
	WWAN	Bottom of Laptop	0.400	0	187.0	1.00	0.01	Not required
	2.4G_Ant 2		0.600	0				
	2.4G_Ant 1	Bottom of Laptop	0.780	0	83.0	1.38	0.02	Not required
	2.4G_Ant 2		0.600	0				
	WWAN	Bottom of Laptop	0.400	0	195.0	1.33	0.01	Not required
	5G_Ant 1		0.930	0				
	WWAN	Bottom of Laptop	0.400	0	187.0	1.37	0.01	Not required
	BT_Ant 2 + 5G_Ant 2		0.970	0				
	5G_Ant 1	Bottom of Laptop	0.930	0	83.0	1.90	0.03	Not required
	BT_Ant 2 + 5G_Ant 2		0.970	0				

<WWAN + Intel AX201D2W>

	Band	Position	SAR (W/kg)	Gap	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)				
Case 1	WWAN	Bottom of Laptop	0.400	0	195.0	1.25	0.01	Not required
	2.4G_Ant 1		0.850	0				
	WWAN	Bottom of Laptop	0.400	0	187.0	1.14	0.01	Not required
	2.4G_Ant 2		0.740	0				
	2.4G_Ant 1	Bottom of Laptop	0.850	0	83.0	1.59	0.02	Not required
	2.4G_Ant 2		0.740	0				
	WWAN	Bottom of Laptop	0.400	0	195.0	1.45	0.01	Not required
	5G_Ant 1		1.050	0				
	WWAN	Bottom of Laptop	0.400	0	187.0	1.43	0.01	Not required
	5G_Ant 2		1.030	0				
	5G_Ant 1	Bottom of Laptop	1.050	0	83.0	2.08	0.04	Not required
	5G_Ant 2		1.030	0				



7. References

- [1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”
- [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.