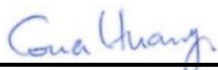


FCC SAR TEST REPORT

FCC ID : C3K2108
Equipment : Portable Computing Device
Brand Name : Microsoft
Model Name : 2108
Applicant : Microsoft Corporation
One Microsoft Way Redmond, WA 98052-6399, U.S.A
Manufacturer : Microsoft Corporation
One Microsoft Way Redmond, WA 98052-6399, U.S.A
Standard : FCC 47 CFR Part 2 (2.1093)

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. EMC & Wireless Communications Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FA490907-02	01	Initial issue of report	Jan. 22, 2026

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Microsoft Corporation, Portable Computing Device, 2108, are as follows.

Equipment Class	Frequency Band		Highest SAR Summary	Highest Simultaneous Transmission 1g SAR (W/kg)
			Body (Separation 0mm)	
			1g SAR (W/kg)	
DTS	WLAN	2.4GHz WLAN	1.20	1.43
NII		5GHz WLAN	1.19	1.19
6CD		6GHz WLAN	1.03	
DSS	2.4GHz Band	Bluetooth	0.23	1.43
Equipment Class	Frequency Band		Reported APD (mW/cm ²)	Reported PD (mW/cm ²)
6CD	WLAN	6GHz WLAN	0.77	0.75

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation 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 for Partial-Body 1g SAR) specified in FCC 47 CFR part 2 (2.1093), Human Exposure to RF Radiation Limits (1.0 mW/cm²=10 W/m²) specified in FCC 47 CFR part 1.1310 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: Carlie Tsai

2. Equipment Under Test (EUT) Information

2.1 General Information

Product Feature & Specification	
Equipment Name	Portable Computing Device
Brand Name	Microsoft
Model Name	2108
FCC ID	C3K2108
S/N	config 1: 0F38GCH24323PJ config 2: 0F3334Y24353PJ
Wireless Technology and Frequency Range	WLAN 2.4 GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2 GHz Band: 5150 MHz ~ 5250 MHz WLAN 5.3 GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.6 GHz Band: 5470 MHz ~ 5725 MHz WLAN 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 6GHz: 5925 MHz ~ 6425 MHz, 6425 MHz ~ 6525 MHz, 6525 MHz ~ 6875 MHz, 6875 MHz ~ 7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz
Mode	WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160/HE320/EHT20/EHT40/EHT80/EHT160/EHT320 Bluetooth BR/EDR/LE
Remark:	
1. This report only includes WLAN 6GHz VLP output power and does not affect the RF exposure evaluation; therefore, all RF exposure results are referenced from Sporton SAR Report No. FA490907A.	

Antenna Information			
Type: PIFA			
Peak Gain (dBi)			
Band	Frequency (MHz)	Main Antenna	Aux Antenna
2.4GHz / BT / BLE	2400 ~ 2483.5	5.7	5.1
5.2GHz	5150 ~ 5250	6.8	7.4
5.3GHz	5250 ~ 5350	6.9	7.3
5.5GHz	5470 ~ 5725	7.0	7.7
5.8GHz	5725 ~ 5850	6.5	6.1
5.9GHz	5850 ~ 5895	6.5	5.8
6.2GHz	5925 ~ 6425	6.4	6.3
6.5GHz	6425 ~ 6525	5.9	6.5
6.7GHz	6525 ~ 6875	6.0	7.1
7.0GHz	6875 ~ 7125	5.6	6.8

3. WiFi Output Power (Unit: dBm)

<WLAN_VLP_config 1/2>

Main Ant				Aux Ant			Main+Aux Ant (Main)	Main+Aux Ant (Aux)	Main+Aux Ant				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Tune-Up Limit	Tune-Up Limit	Tune-Up Limit	Duty Cycle %	
WiFi 6E	802.11ax-HE20 MCS0	1	5955	Not Required	Not Required	Not Required	-1.00	Not Required	-4.00	-4.00	-1.00	Not Required	
		57	6235				-1.00		-4.00	-4.00	-1.00		
		113	6515				-1.00		-4.00	-4.00	-1.00		
		173	6815				-1.00		-4.00	-4.00	-1.00		
		233	7115				-5.00		-8.00	-8.00	-5.00		
	802.11ax-HE40 MCS0	3	5965				2.00		2.00	-1.00	-1.00		2.00
		59	6245				2.00		2.00	-1.00	-1.00		2.00
		107	6485				2.00		2.00	-1.00	-1.00		2.00
		171	6805				2.00		2.00	-1.00	-1.00		2.00
		227	7085				2.00		2.00	-1.00	-1.00		2.00
	802.11ax-HE80 MCS0	7	5985				5.00		5.00	2.00	2.00		5.00
		71	6305				5.00		5.00	2.00	2.00		5.00
		119	6545				5.00		5.00	2.00	2.00		5.00
		167	6785				5.00		5.00	2.00	2.00		5.00
		215	7025				5.00		5.00	2.00	2.00		5.00
	802.11ax-HE160 MCS0	15	6025				6.25		6.25	3.25	3.25		6.25
		47	6185				6.25		6.25	3.25	3.25		6.25
		111	6505				6.25		6.25	3.25	3.25		6.25
		143	6665				6.25		6.25	3.25	3.25		6.25
		207	6985				6.25		6.25	3.25	3.25		6.25
	802.11be-EHT320 MCS0	31	6105		6.25		98.90	6.25	98.90	3.25	3.25		6.25
		63	6265		6.25			6.25		3.25	3.25		6.25
		95	6425		6.25			6.25		3.25	3.25		6.25
		127	6585		6.25			6.25		3.25	3.25		6.25
		159	6745		6.25			6.25		3.25	3.25		6.25
		191	6905		6.25			6.25		3.25	3.25		6.25

Conclusion:

Variant report to enable 6E VLP operation, as there are no new operating frequencies being added and 6E VLP max output power is equal or less than original application, therefore, RF exposure assessments from the original application remain representative and no additional assessments are required.