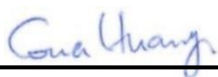


TAS Verification Report

FCC ID : C3K2156
Equipment : Portable Computing Device
Brand Name : Microsoft
Model Name : 2156
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)

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

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan



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History of this test report

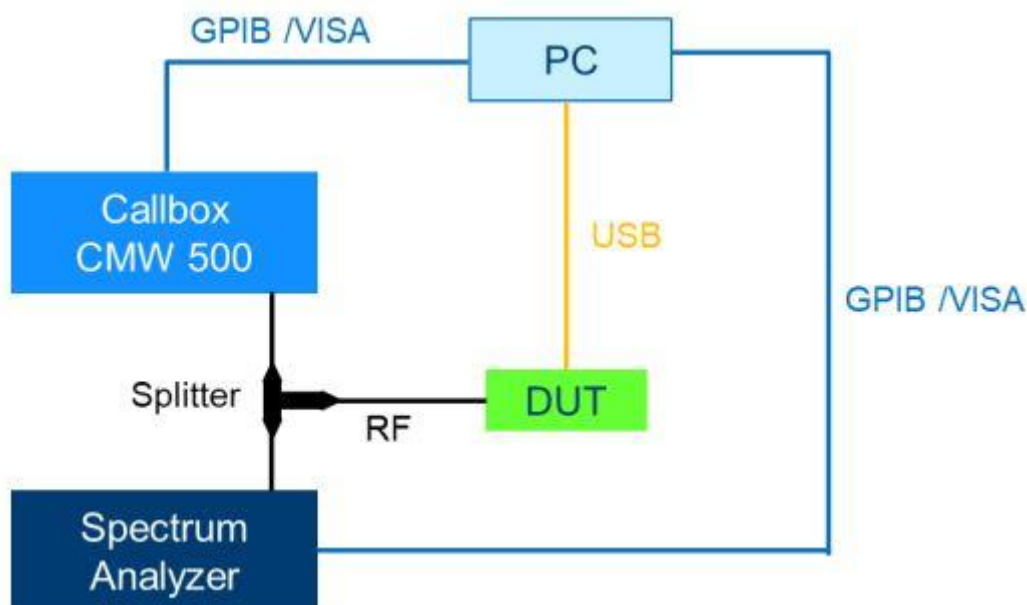
Report No.	Version	Description	Issued Date
FA5D2205B	01	Initial issue of report	Mar. 25, 2026

1. Test Setup

The conducted power measurement test setup is described in the following and illustrated in Figure 1.

- The DUT which BE201D2WP WiFi module is installed inside portable computing device from Microsoft model 2156
- A control PC is used to configure the Call Box as an access point to manage the uplink and downlink data traffic.
- Uplink signal power is measured with the spectrum analyzer and recorded by the PC with a maximum time resolution of 0.3333 ms
- Uplink signal from the module is fed through a 3 dB power splitter, which delivers an equal amount of signal to the spectrum analyzer and the call box. The splitter has high isolation between the spectrum analyzer and the call box.
- Since WIFI6E SAR/PD was measured at the maximum output power and same as fixed SAR power level, therefore, no need to TAS behavior and validation to meet and demonstrate RF exposure compliance

Figure.1 – Validation using conducted power measurement test setup.



2. Test Information

Laboratory Name	Sporton International Inc.
Start Date	2026/03/04
End Date	2026/03/05
Temperature (°C)	23.6
Humidity [%]	52.3
Test Operator	Bunny

3. Test Equipment

Equipment and accessories used for the conducted power measurement test setup are listed below.

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
1	Wideband Radio Communication Tester	CMW500	169351	ROHDE&SCHWARZ	2025/07/14	2026/07/13
2	Spectrum Analyzer	FSV30	103738	ROHDE&SCHWARZ	2025/10/21	2026/10/20

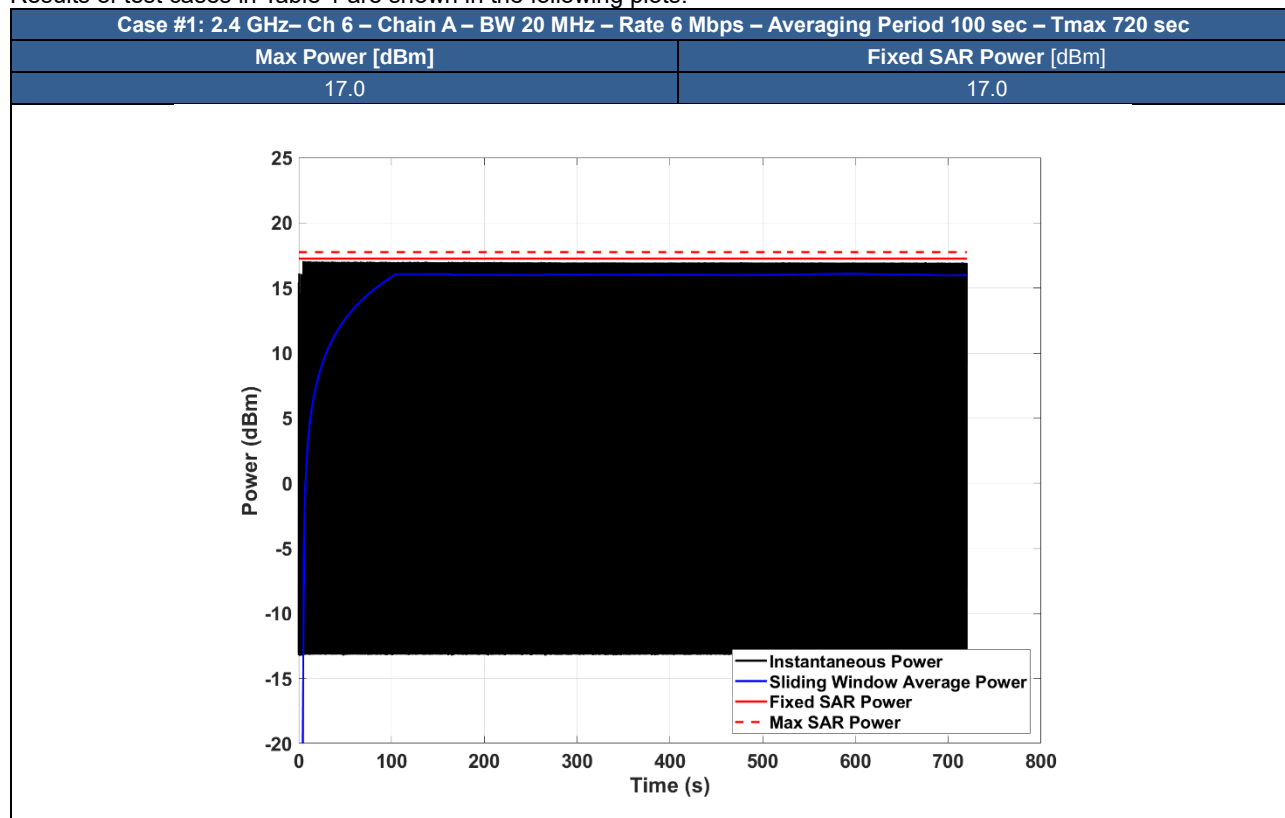
4. Test Result

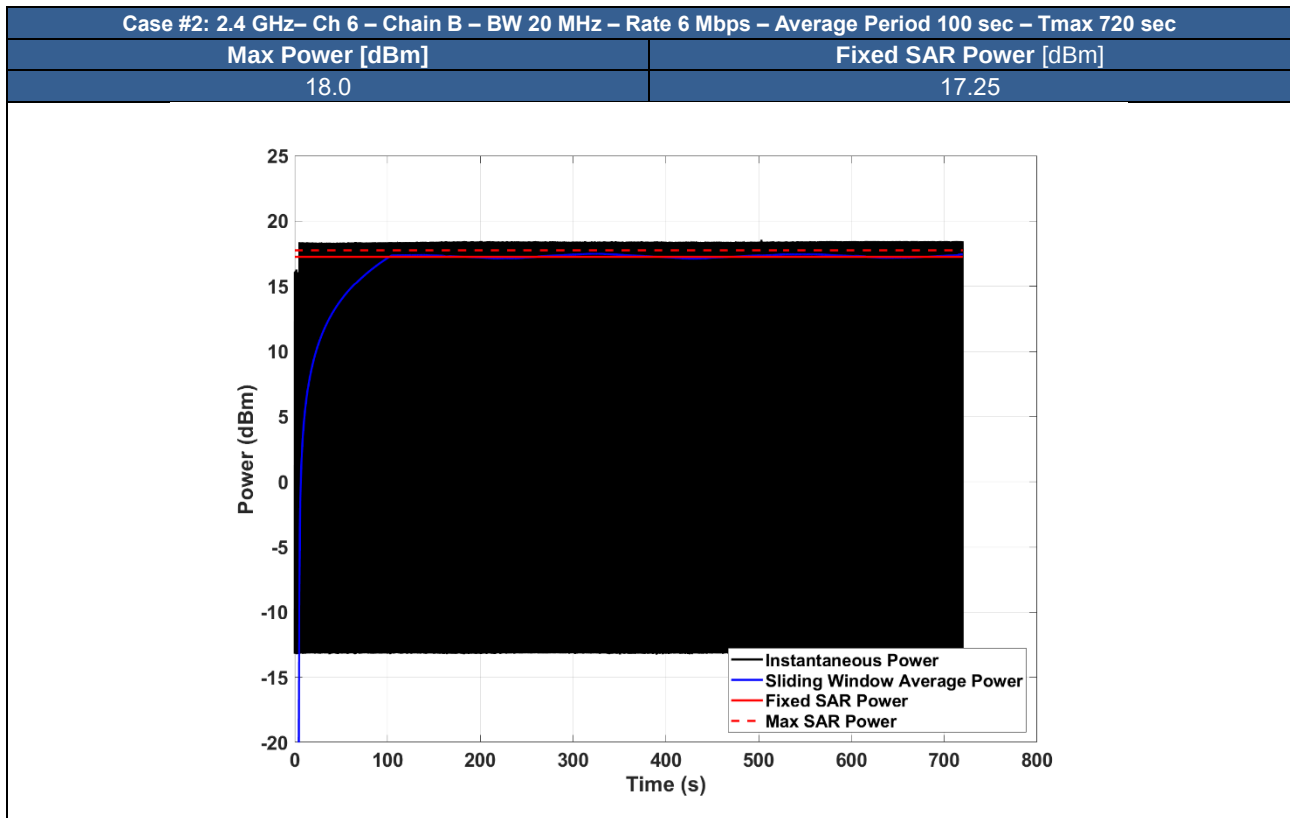
4.1 TAS Validation for 2.4 GHz Band on Channel 6

Table 1 – Test Cases for 2.4 GHz Channel 6

Test Case #	Channel	Chain	Channel Bandwidth	Measurement Averaging Period	Measurement Time Resolution	Max Power [dBm]	Fixed SAR Power [dBm]
1	6	A	20 MHz	100 sec	0.3333	17.0	17.0
2		B	20 MHz	100 sec	0.3333	18.0	17.25

Results of test cases in Table 1 are shown in the following plots.



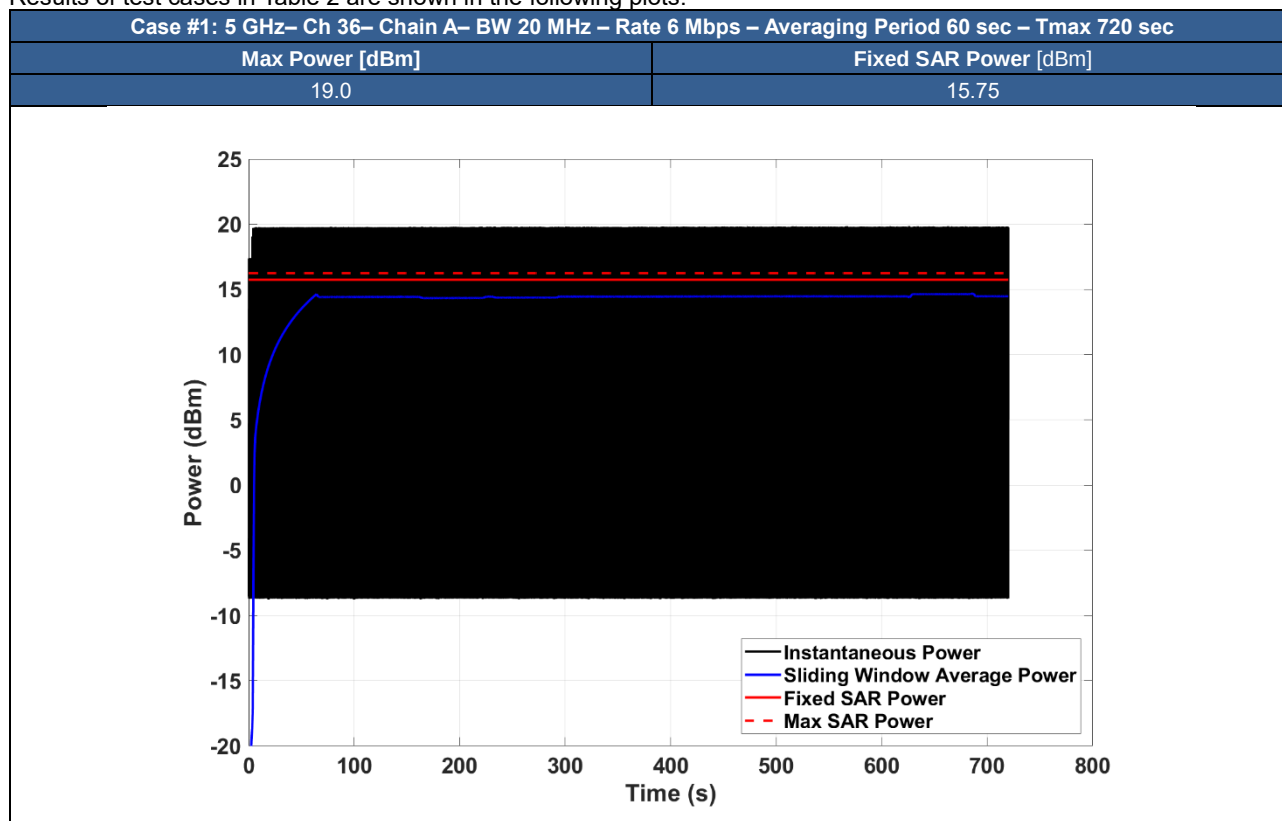


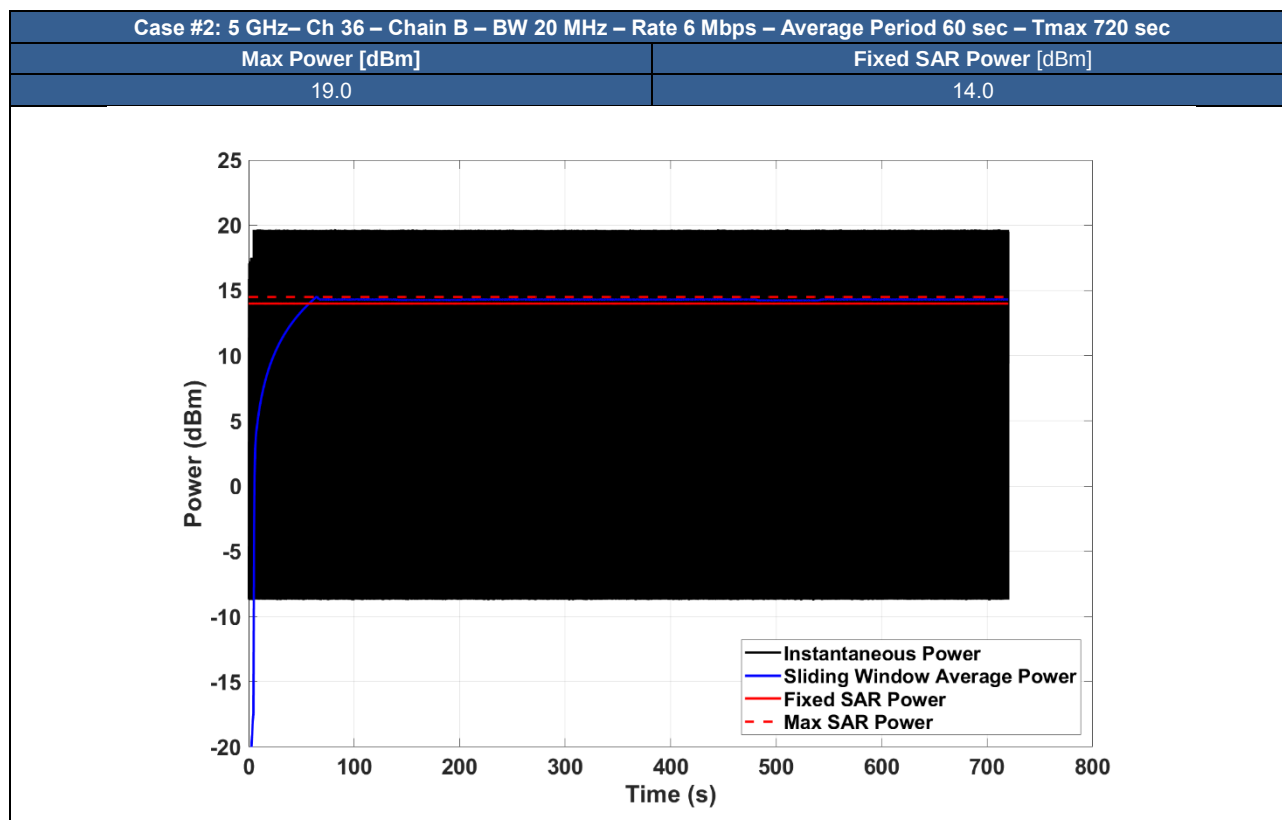
4.2 TAS Validation for 5 GHz Band on Channel 36

Table 2 – Test Cases for 5 GHz Channel 36

Test Case #	Channel	Chain	Channel Bandwidth	Measurement Averaging Period	Measurement Time Resolution	Max Power [dBm]	Fixed SAR Power [dBm]
1	36	A	20 MHz	60 sec	0.3333	19.0	15.75
2		B	20 MHz	60 sec	0.3333	19.0	14.0

Results of test cases in Table 2 are shown in the following plots.





Conclusion

The TAS Intel Algorithm functionality of BE201D2WP WIFI Module Integrated inside Microsoft portable computing device is test cases are compliant with SAR limit