

RF Exposure Evaluation Report

Product : Digital Calendar
Trade mark : N/A
Model/Type reference : C5, C5 PRO, CH02, CH02 PRO,
CH03, CH03 PRO, CH05, CH05 PRO,
CH06, CH06 PRO, CH07, CH07 PRO,
CH08, CH08 PRO
Serial Number : N/A
Report Number : EED32S815577
FCC ID : 2BVTU-C5
Date of Issue : August 25, 2026
Test Standards : 47 CFR Part 1.1307
47 CFR Part 1.1310
47 CFR Part 2.1091
KDB 447498 D04 Interim General RF
Exposure Guidance v01
Test result : PASS

Prepared for:

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2 General Information

2.1 Client Information

Applicant:	Shenzhen Xinhaichuang Technology Co., LTD
Address of Applicant:	Room 1022, Block AB, New Energy Building, Nanhai Avenue, Nanshan District, China
Manufacturer:	Shenzhen Xinhaichuang Technology Co., LTD
Address of Manufacturer:	Room 1022, Block AB, New Energy Building, Nanhai Avenue, Nanshan District, China

2.2 General Description of EUT

Product Name:	Digital Calendar
Model No.:	C5, C5 PRO, CH02, CH02 PRO, CH03, CH03 PRO, CH05, CH05 PRO, CH06, CH06 PRO, CH07, CH07 PRO, CH08, CH08 PRO
Model difference:	They have the same electrical, PCB and layout. The differences lie in the surface treatment process of the shell and the model naming.
Test Model No.:	C5
Trade Mark:	N/A

2.3 Product Specification subjective to this standard

Frequency Range:	BLE/BT: 2402MHz~2480MHz 2.4G Wi-Fi: IEEE 802.11b/g/n(HT20)/ax(HE20): 2412MHz to 2462MHz IEEE 802.11n(HT40)/ax(HE40): 2422MHz to 2452MHz 5G Wi-Fi: U-NII-1 & U-NII-2A: 5150-5350MHz U-NII-2C:5500-5700MHz U-NII-3:5745-5825MHz
Modulation Type:	BLE: GFSK BT: GFSK, $\pi/4$ DQPSK, 8DPSK 2.4G Wi-Fi: IEEE for 802.11b:DSSS(CCK,DQPSK,DBPSK) IEEE for 802.11g:OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n(HT20 and HT40): OFDM (64QAM, 16QAM,QPSK,BPSK) IEEE for 802.11ax(HE20 and HE40): OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) (Resource Unit with subcarriers: Full RU) 5G Wi-Fi: IEEE for 802.11b:DSSS(CCK,DQPSK,DBPSK) IEEE for 802.11g:OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n(HT20 and HT40): OFDM (64QAM, 16QAM,QPSK,BPSK) IEEE for 802.11ax(HE20 and HE40): OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)

	(Resource Unit with subcarriers: Full RU)	
Test Power Grade:	Default	
Test Software of EUT:	ADB	
Antenna Type:	FPC Antenna	
Antenna Gain:	BLE/BT/2.4G Wi-Fi: 1.47dBi 5G Wi-Fi: U-NII-1: 1.25dBi U-NII-2A: 1.32dBi U-NII-2C: 1.1dBi U-NII-3: 1.14dBi	
Power Supply:	Adapter:	Input:AC 100-240V, 50/60Hz, Output:DC 5V/2A
	USB Port:	DC 5V
Sample Received Date:	Jun. 11, 2026	
Sample tested Date:	Jun. 05, 2026 to August 03, 2026	

2.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, Test Firm Registration No.: 260439

2.5 Deviation from Standards

None.

2.6 Abnormalities from Standard Conditions

None.

2.7 Other Information Requested by the Customer

None.

3 SAR Evaluation

3.1 RF Exposure Compliance Requirement

3.1.1 Limits

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold Pth (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). Pth is given by Formula

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and ERP20cm is per Formula (B.1).

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

3.1.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

3.1.3 EUT RF Exposure Evaluation

For Stand alone:

Freq. (MHz)	Estimation distance (cm)	Max. Conducted Output power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (mW)	Limit (mW)	MPE ratio	Result
@BLE	20	7.02	1.47	6.34	4.31	3060.00	0.0014	Pass
@BT	20	0.25	1.47	-0.43	0.91	3060.00	0.0003	Pass
@2.4G Wi-Fi	20	13.81	1.47	13.13	20.56	3060.00	0.0067	Pass
@5G Wi-Fi	20	13.78	1.32	12.95	19.72	3060.00	0.0064	Pass

Note:

- ① EIRP=conducted power+antenna gain;
- ② ERP=EIRP-2.15;
- ③ EIRP(dBm) = Field strength of the fundamental signal(dBuV/m@3m) – 95.23;
- ④ $ERP(mW) = 10^{(ERP(dBm)/10)}$;
- ⑤ The estimation distance is 20cm;
- ⑥ The test data please refer to the report of EED32S815573, EED32S815574, EED32S815579, EED32S815581 and only the worst case data was recorded in the report.

For Simultaneous Transmission:

As MPE ratio (BLE+2.4G Wi-Fi+5G Wi-Fi)=0.0014+0.0067+0.0064=0.0145 < 1, it's deemed to fulfil the RF exposure requirement.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
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*** End of Report ***