

# TEST REPORT

Applicant : Shenzhen Qiuyu Electronic Co., Ltd  
Address : 3F, E Building, Hongzhuyongqi Industrial Park, Lezhujiao village,  
xixiang town, Bao'an District, Shenzhen, China  
Manufacturer : Shenzhen Qiuyu Electronic Co., Ltd  
Address : 3F, E Building, Hongzhuyongqi Industrial Park, Lezhujiao village,  
xixiang town, Bao'an District, Shenzhen, China  
Product Name : KODAK Classic Photo Frame 10-Inch Wi-Fi Enabled  
Model Number : RCF-1012W/RCF-1018F/CF102P/CF-1005P  
Test Model : RCF-1012W  
Trademark : N/A  
FCC ID : 2AL64-1012W  
Test Date : Aug. 2, 2026 - Sep. 23, 2026  
Date of Report : Sep. 23, 2026  
Test Result : This device described above has been tested by NTT, and the test results show that the equipment under test (EUT) is in compliance with the Standard requirements. And it is applicable only to the tested sample identified in the report.

## Test Procedure Used:

Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.247  
ANSI C63.10-2020+Cor.1-2023

Prepared by (Test Engineer):  
Gary Lu



Reviewer (Supervisor):  
Cindy Qin



Approved (Manager):  
Abel Yu



## 1. General Information

### 1.1. Description of Device (EUT)

|                        |   |                                                                                                                   |
|------------------------|---|-------------------------------------------------------------------------------------------------------------------|
| EUT Name               | : | KODAK Classic Photo Frame 10-Inch Wi-Fi Enabled                                                                   |
| Model No.              | : | RCF-1012W/RCF-1018F/CF102P/CF-1005P                                                                               |
| Model Difference       | : | Only the model name, color, and size differ; all other aspects are identical. The main model tested is RCF-1012W. |
| Power supply           | : | INPUT: 100-240V~, 50/60Hz, 0.6A<br>OUTPUT: 5V/2A, 10W                                                             |
| Operation frequency    | : | 2412-2462MHz for 802.11b/g/n20;<br>2422-2452MHz for 802.11n40                                                     |
| Modulation             | : | 802.11b: (DQPSK, DBPSK, CCK) DSSS<br>802.11g/n: (64-QAM, 16-QAM, QPSK, BPSK) OFDM                                 |
| Antenna Type           | : | Internal antenna, Maximum Gain is 1.97 dBi                                                                        |
| Intend use environment | : | Residential, commercial and light industrial environment                                                          |
| Testing sample ID      | : | SZNTT26037185E1-1# (Engineer sample)<br>SZNTT26037185E1-2# (Normal sample)                                        |

### 1.2. Test Facility

| Site Description                  |   |                                                                                                                                                                                                     |
|-----------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Firm                      | : | Shenzhen NTT Testing Technology Co.,Ltd.                                                                                                                                                            |
| Site Location                     | : | 1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, China |
| FCC Designation Number            | : | CN3446                                                                                                                                                                                              |
| FCC Test Firm Registration Number | : | 129414                                                                                                                                                                                              |

## RF Exposure Evaluation

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1091, Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

### Limits

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

| Frequency range<br>(MHz)                                | Electric field<br>strength<br>(V/m) | Magnetic field strength<br>(A/m) | Power density<br>(mW/cm <sup>2</sup> ) | Averaging time<br>(minutes) |
|---------------------------------------------------------|-------------------------------------|----------------------------------|----------------------------------------|-----------------------------|
| (A) Limits for Occupational/Controlled Exposures        |                                     |                                  |                                        |                             |
| 0.3–3.0                                                 | 614                                 | 1.63                             | *(100)                                 | 6                           |
| 3.0–30                                                  | 1842/f                              | 4.89/f                           | *(900/f <sup>2</sup> )                 | 6                           |
| 30–300                                                  | 61.4                                | 0.163                            | 1.0                                    | 6                           |
| 300–1500                                                |                                     |                                  | f/300                                  | 6                           |
| 1500–100,000                                            |                                     |                                  | 5                                      | 6                           |
| (B) Limits for General Population/Uncontrolled Exposure |                                     |                                  |                                        |                             |
| 0.3–1.34                                                | 614                                 | 1.63                             | *(100)                                 | 30                          |
| 1.34–30                                                 | 824/f                               | 2.19/f                           | *(180/f <sup>2</sup> )                 | 30                          |
| 30–300                                                  | 27.5                                | 0.073                            | 0.2                                    | 30                          |
| 300–1500                                                |                                     |                                  | f/1500                                 | 30                          |
| 1500–100,000                                            |                                     |                                  | 1.0                                    | 30                          |

f = frequency in MHz

Friis transmission formula:  $Pd = (Pout * G) / (4 * \pi * r^2)$

Where

**Pd** = power density in mW/cm<sup>2</sup>, **Pout** = output power to antenna in mW;

**G** = gain of antenna in linear scale, **Pi** = 3.1416;

**R** = distance between observation point and center of the radiator in cm

Pd is the limit of MPE, 1 mW/cm<sup>2</sup>. If we know the maximum gain of the antenna and the total power input to the antenna, through the calculation, we will know the distance r where the MPE limit is reached.

### Test Procedure

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

**Test Result of RF Exposure Evaluation**

| Operating Mode | Frequency | Measured Power | Tune up tolerance | Max. Tune up Power | Antenna Gain | Power Density at R=20cm | Power Density Limit   | Result |
|----------------|-----------|----------------|-------------------|--------------------|--------------|-------------------------|-----------------------|--------|
|                | (MHz)     | (dBm)          | (dBm)             | (dBm)              | (dBi)        | (mW/cm <sup>2</sup> )   | (mW/cm <sup>2</sup> ) |        |
| WiFi 2.4G      | 2412-2462 | 13.88          | 13±1              | 14                 | 1.97         | 0.0078                  | 1.0                   | PASS   |