

RE: ATCB005819

FCC ID: VVAAD296701 for Guangdong Alpha Animation and Culture Co., Ltd.

1. Please provide the resolution bandwidth (RBW) of the spectrum analyzer used during fundamental radiated and spurious radiated emission measurements. Section 5.3.1 of the test report only states the RBW values used during the radiated peak scans.

The revised report is uploaded to the website. Please see section 5.3.1 on page 5.

2. Please provide the detector function of the emissions shown on page 7 of 8 of the test report. The remark at the end of these tables is confusing. Are they peak or average readings?

The revised report is uploaded to the website. Please see section 5.3.1 on page 7.

3. Please describe the signal that this device was transmitting during radiated emissions testing. Alternatively, you may provide zero span plots of the transmitted signal with spans of 20 milliseconds, 100 milliseconds and 5 seconds to show the type of signal emitted and the repetition rate of any pulses in the transmission.

The revised report is uploaded to the website. Please see section 5.2 on page 5.

4. Please confirm that the measurement antenna was raised and lowered between 1 and 4 meters in height to maximize both fundamental radiated and spurious radiated emission levels.

The revised report is uploaded to the website. Please see section 5.3.1 on page 6.

5. Please provide the version/date of C63.4 that was used for testing this device in Section 5.3.1 of the test report.

The revised report is uploaded to the website. Please see section 5.3.1 on page 5.

6. The user manual mentions 27 and 40 MHz frequencies as well as 49 MHz transmitters but this application is only for a 49 MHz transmitter. Please clarify this statement.

Kindly note that the user manual is for 27MHz, 49MHz and 40 MHz. Only 27MHz & 49MHz are sold in USA. Client confirms there is only one frequency for each sample and submits 2 FCC ID applications respectively for 27MHz (ATCB005818) & 49MHz (ATCB005819).

7. (a) The submitted operational description also includes a description of the remote control receiver that operates with this transmitter. Please provide only an operational description of the device being approved under this transmitter application to prevent confusion.

(b) The first sentence in item 3 in the submitted operational description states "The 27 MHz toy single chip is designed as the transmitter..." but this transmitter operates at 40 MHz. Please clarify this statement in the operational description.

The revised operational description is uploaded to the website.

8. Please provide an attestation statement indicating whether the 49 superregenerative receiver associated with this transmitter has been approved via Certification or Declaration of Conformity (DoC). If the receiver has been approved via Certification, please provide the FCC ID number. If the receiver has been approved via DoC, please provide the test site name, test site location and test report number used for DoC.

Kindly note that the client only applies ID for the transmitter.

9. For Your Information – Correction factors need to be shown on the fundamental radiated measurements just the way they are shown on the spurious radiated emission measurements. In addition, both these radiated test results are missing important factors which help reproduce test results during FCC and TCB audits. For example, RBW, detector function, antenna height, position in degrees of the turntable, and EUT orientation (X, Y, or Z axis) need to be included in both fundamental and spurious radiated emission test results. Since the number of audit tests will be increasing, the FCC will be requiring these factors to be reported so you need to start including them to avoid delays in obtaining equipment approval.

Thanks for your remind. We will update the report format