

July 22, 1998

Euro Consult  
66 Summer Street, P.O. Box 378  
Manchester, MA 01944

Attention: Mr. Werner Paster

Dear Sir:

Enclosed you will find Retlif Testing Laboratories Test Report R-7564-1 which covers the Part 15, Subpart C testing of the Playmobil 27 MHz RC Transmitter, Model: 4021, FCC ID: N2T3066812. This testing was performed and application generated in accordance with your Purchase Order Number 05199855.

As of this date, the application has been forwarded to the Federal Communications Commission.

Thank you for the opportunity to be of service to you. Should you have any questions regarding the enclosed application please feel free to contact me.

Very truly yours,

RETLIF TESTING LABORATORIES

Lesley Anderson  
Administrative Coordinator

Enc. (as stated)

July 22, 1998

Federal Communications Commission  
Equipment Approval Services  
PO Box 358315  
Pittsburgh, PA 15251-5315

Dear Sir/Madam:

Enclosed you will find a Part 15 application for Certification of a 27 MHz RC Transmitter, Model: 4021, FCC ID: N2T3066812. Certification is requested as per Part 15, Subpart C, Paragraph 15.227 of the Commission's rules. This application is being filed by Retlif Testing Laboratories on behalf of Geobra Brandstatter GmbH Co. KG of Zirndorf, Germany. Also enclosed is the applicable Certification filing fee of \$895.00 and 731 and 159 Application Forms.

An FCC Grantee Code was authorized electronically on the FCC website for Geobra Brandstatter. In front of the application, you will find a letter authorizing Retlif to act on their behalf in obtaining this code in addition to the Grantee Code Confirmation Notice. The \$45.00 fee to acquire a Grantee Code is included on the attached 159 form.

I trust that you will find the enclosed application to be complete however should you have any questions or require any additional information please feel free to contact me.

Very truly yours,

RETLIF TESTING LABORATORIES

Lesley Anderson  
Administrative Coordinator

Enc. (as stated)

FCC COMPLIANCE TEST REPORT  
ON  
**GEOBRA BRANDSTATTER GmbH Co. KG**  
**27 MHz RC TRANSMITTER**  
**MODEL: 4021**  
**FCC ID: N2T3066812**

CUSTOMER NAME: Euro Consult

CUSTOMER P.O.: 05199855

DATE OF REPORT: July 14, 1998

TEST REPORT NO.: R-7564-1

TEST START DATE: June 5, 1998

TEST FINISH DATE: June 26, 1998

TEST TECHNICIAN: D. Cortes

TEST ENGINEER: T. Schneider

SUPERVISOR: R.J. Reitz

REPORT PREPARED BY: L. Anderson

GOVERNMENT SOURCE INSPECTION: Not Applicable

Our letters and reports are for the exclusive use of the customer to whom they are addressed, and their communications to any other or the use of the name of RETLIF TESTING LABORATORIES must receive our prior written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. The reports and letters and the name of RETLIF TESTING LABORATORIES or insignia are not to be used under any circumstances in advertising to the general public. This test report shall not be reproduced, except in full, without the written approval of RETLIF TESTING LABORATORIES.

## CERTIFICATION AND SIGNATURES

We certify that this report is a true report of the results obtained from the tests of the equipment stated. We further certify that the measurements shown in this report were made in accordance with the procedures indicated and vouch for the qualifications of all Retlif Testing Laboratories personnel taking them.

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Thomas J. Schneider  
EMC Test Engineer  
NVLAP Approved Signatory

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Richard J. Reitz  
Laboratory Manager  
NVLAP Approved Signatory

### NON-WARRANTY PROVISION

The testing services have been performed, findings obtained, and reports prepared in accordance with generally accepted testing laboratory principles and practices. This warranty is in lieu of all other warranties, either express or implied.

### NON-ENDORSEMENT

This test report contains only findings and results arrived at after employing the specific test procedures and standards listed herein. It is not intended to constitute a recommendation endorsement, or certification of the product or material tested. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

TABLE OF EXHIBITS

Exhibit 1 ..... Equipment Label per 2.1033(b)(7)

Exhibit 2 ..... Equipment Photographs per 2.1033(b)(7)

Exhibit 3 ..... Technical Description per 2.1033(b)(4)

Exhibit 4 ..... Block Diagram and Schematics per 2.1033(b)(5)

Exhibit 5 ..... Installation and Operating Instructions per 2.1033(b)(3)

Exhibit 6 ..... Report of Measurements - per 2.1033(b)(6)

EXHIBIT 1

FCC ID Label

Para. 2.1033(b)(7)

Test Report No. R-7564-1  
FCC ID: N2T3066812

**FCC ID LABEL**

Test Report No. R-7564-1  
FCC ID: N2T3066812

EXHIBIT 2

Equipment Photographs

Para. 2.1033(b)(7)

Test Report No. R-7564-1  
FCC ID: N2T3066812

## EXHIBIT 3

### Technical Description

Para. 2.1033(b)(4)

Test Report No. R-7564-1  
FCC ID: N2T3066812

Technical Report 2.1033(b)(4)

Equipment Manufacturer

Geobra Brandstatter GmbH and Co. KG  
Brandstatter Strasse  
Playmobil Haus  
90513 Zirndorf Germany

FCC Identifier

N2T3066812

Operating Instructions

See Exhibit 5

Trade Name

Playmobil

Model Number

4021

Additional Model Numbers and Trade Names

Model S4020SCE & Model S403RC

Test Report No. R-7564-1  
FCC ID: N2T3066812

EXHIBIT 4

Block Diagram and Schematic

Para. 2.1033(b)(5)

Test Report No. R-7564-1  
FCC ID: N2T3066812

## EXHIBIT 5

### Installation and Operating Instructions

Para. 2.1033(b)(3)

Test Report No. R-7564-1  
FCC ID: N2T3066812

EXHIBIT 6

Report of Measurements

Para. 2.1033(b)(6)

Test Report No. R-7564-1  
FCC ID: N2T3066812

APPLICANT	MANUFACTURER
Geobra Brandstatter GmbH and Co. KG Brandstatter Strasse Playmobil Haus 90513 Zirndorf Germany	SAME AS APPLICANT

TEST SPECIFICATION: FCC Rules and Regulations Part 15, Subpart C, Para. 15.227

TEST PROCEDURE: ANSI C63.4:1992

TEST SAMPLE DESCRIPTION

BRANDNAME: Playmobil

MODEL: 4021

TYPE: 27 MHz RC Transmitter

POWER REQUIREMENTS: 9 VDC via 9 VDC Battery

FREQUENCY OF OPERATION: 27.09 MHz

TESTS PERFORMED

Para. 15.227(a), Radiated Emissions, Fundamental & Spurious

Para. 15.227(b), Occupied Bandwidth

I HEREBY CERTIFY THAT: The measurements shown here were in accordance with the procedure indicated and that the energy emitted by this equipment was found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements and vouch for the qualifications of all persons taking them.

I FURTHER CERTIFY THAT: On the basis of the measurements made, the device tested is capable of operation in compliance with the requirements of Part 15 of the FCC Rules under normal use and maintenance.

SIGN	PRINT Thomas J. Schneider	TITLE EMC Test Engineer
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## REPORT OF MEASUREMENTS

Applicant: Geobra Brandstatter GmbH and Co. KG  
Device: 27 MHz RC Transmitter  
FCC ID: N2T3066812  
Power Requirements: 9 VDC via 9 VDC Battery  
Applicable Rule Section: Part 15, Subpart C, Section 15.227

## TEST RESULTS

15.227 (a) - The field strength of any emission within the band of 26.96 MHz to 27.28 MHz did not exceed 10,000  $\mu$ V/M at 3 meters, average. The provisions of section 15.35 for limiting peak emissions was applied.

15.227 (b) - The field strength of any emissions which appear outside of this band did not exceed the general radiated emissions limits of Section 15.209.

Exhibit 6

Report of Measurements

Radiated Emissions Data, Para. 15.227

Test Report No. R-7564-1  
FCC ID: N2T3066812

## Exhibit 6

### Report of Measurements

Occupied Bandwidth, Para. 15.227(b)

Test Report No. R-7564-1  
FCC ID: N2T3066812

Test Report No. R-7564-1  
FCC ID: N2T3066812