



Organismo Notificado Nº 0370

CERTIFICADO DE EXAMEN UE DE TIPO

EU-TYPE EXAMINATION CERTIFICATE



No. **0370-RED-3270**

EMITIDO POR / ISSUED BY	LGAI TECHNOLOGICAL CENTER - No. 0370 (APPLUS)	
SOLICITANTE / APPLICANT	SHANTOU KAISHENG FENG TOYS CO., LTD. Gangkou Section, Fengxin 1st Road, Fengxiang Street, Chenghai Dist., Shantou, Guangdong, China	
FABRICANTE (Nombre, Dirección) MANUFACTURER (Name, Address)	SHANTOU KAISHENG FENG TOYS CO., LTD. Gangkou Section, Fengxin 1st Road, Fengxiang Street, Chenghai Dist., Shantou, Guangdong, China	
COMERCIALIZADO POR (marca) COMMERCIALISED BY (Brand)	N/A	
PRODUCTO PRODUCT	2.4G Quadcopter	
TIPOS TYPES	KF600, KF601, KF602, KF603, KF605, KF606, KF607, KF608, KF609, KF610, KF611, KF612, KF613, KF615, KF616, KF617, KF618, KF619, KF620, KF100, KF101, KF102, KF103, KF105, KF106, KF107, KF108, KF109, KF110, KF700, KF701, KF702, KF703, KF705, KF706, KF707, KF708, KF709, KF710, F191, F192, F193, F195, F196, F197, F198, F199	
Versión HW / FMW HW / FMW version	SW: 1.0 (Transmitter) ; 1.0 (Receiver) HW: YY -LMY6-8009TX (Transmitter) ; YY -LMY6-8009RX (Receiver)	
DIRECTIVA APLICABLE APPLICABLE DIRECTIVE	DIRECTIVA 2014/53/UE DEL PARLAMENTO EUROPEO Y DEL CONSEJO, DE 16 DE ABRIL DE 2014, RELATIVA A LA ARMONIZACIÓN DE LAS LEGISLACIONES DE LOS ESTADOS MIEMBROS SOBRE LA COMERCIALIZACIÓN DE EQUIPOS RADIOELÉCTRICOS <i>DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 APRIL 2014 ON THE HARMONISATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MAKING AVAILABLE ON THE MARKET OF RADIO EQUIPMENT</i>	
DESCRIPCIÓN DESCRIPTION	The device is a drone composed by transmitter and receiver, with service SRD 2.4GHz	
CUMPLE CON LOS REQUISITOS ESENCIALES MEET ESSENTIAL REQUIREMENTS	Art.3.1a Salud y Seguridad / <i>Art.3.1a Health & Safety</i>	☐
	Art.3.1b EMC / <i>Art.3.1b EMC</i>	☒
	Art. 3.2 Uso eficiente del espectro radioeléctrico / <i>Art.3.2 Efficient use of Radio spectrum</i>	☒
	Art 3.3 Características especiales / <i>Art.3.3 Special characteristics</i>	☐

Este documento carece de validez sin su anexo, cuyo número coincide con el del presente certificado. // *This document is not valid without its technical annex, whose number coincides with the number of the certificate.*

La evaluación de la documentación técnica entregada se encuentran recogidos en el expediente técnico número: 19/31701931
The evaluation of the technical documentation delivered is included in the technical file number: 19/31701931

Restricciones (si aplican) / *Restrictions (if apply):*

Bellaterra, 12 de marzo de 2019 // 12th March 2019

Xavier Ródiz Peña
Managing Director, Product Conformity B.U.



Este Certificado es válido mientras no se produzcan cambios en el estado de la técnica que indiquen que el equipo radioeléctrico aprobado ya no puede cumplir los requisitos esenciales de la Directiva 2014/53/UE y no haya notificaciones en el tipo aprobado que puedan afectar a la conformidad con los requisitos esenciales de la Directiva 2014/53/UE
This Certificate is valid as long as there are no changes in the prior art indicating that the approved radio equipment can no longer meet the essential requirements of Directive 2014/53/EU and there are no notifications of the approved type that may affect the Accordance with the essential requirements of Directive 2014/53/EU

ANEXO TÉCNICO

TECHNICAL ANNEX

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A. MODEL DESCRIPTION

A.1. GENERAL INFORMATION ON THE RADIO EQUIPMENT:

Manufacturing country: China
Brand: N/A
Commercial designation: N/A
Country of commercialization: European Union
Radio service: SRD 2.4 GHz
Application: Outdoor

A.1.1 TRADE VERSIONS/VARIANTS:

KF600, KF601, KF602, KF603, KF605, KF606, KF607, KF608, KF609, KF610, KF611, KF612, KF613, KF615, KF616, KF617, KF618, KF619, KF620, KF100, KF101, KF102, KF103, KF105, KF106, KF107, KF108, KF109, KF110, KF700, KF701, KF702, KF703, KF705, KF706, KF707, KF708, KF709, KF710, F191, F192, F193, F195, F196, F197, F198, F199

A.2. FEATURES:

The transmitter is powered by DC 4.5V battery (3 * AA).
The receiver is powered by DC 3.7V battery (Li-ion).
The device supports 71 channels, with GFSK modulation.

A.3. SOFTWARE VERSION(S):

Transmitter: V1.0
Receiver: V1.0

A.4. HARDWARE VERSION(S):

Transmitter: YY -LMY6-8009TX
Receiver: YY -LMY6-8009RX

A.5. OTHER COMPONENTS

Disposable antenna YES ☐ NO ☒

A.6. OPERATING FREQUENCIES AND MAXIMUM POWER EMITTED BY BAND

BAND	OPERATIONAL FREQUENCY (TX)	MAX POWER*	CNAF/UN-XXX
Band 1 (SRD)	F_min: 2405Mz F_max :2475MHz	-9.68 dBm	UN-115

N/A: Not applicable

N/D: Not defined

* Conducted power for mobile technologies and EIRP for other technologies.



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A.7. OTHER PARAMETERS OF RADIO INTERFACE SPECIFICATIONS (RI)

FREQUENCY BANDS	SERVICE	CHANNELLING	MODULATION/BAND OCCUPATION	DIRECTION/SEPARATION	DUTY CYCLE
Band 1	SRD	N/A	N/D	N/D	N/D

N/A: Not applicable
N/D: Not defined

Requires license/Use authorization: YES ☐ NO ☒

B. TEST PROTOCOL

REQUIREMENT	STANDARD	LABORATORY	Report no.
EMC (Article 3.1b)	Draft EN 301 489-1 V2.2.0	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC06525190201EE01
	Draft EN 301 489-3 V2.1.1		
Radio Aspects (Article 3.2)	EN 300 440 V2.2.1	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC06525190201EE16

C. RESTRICTIONS

Restrictions YES ☐ NO ☒

Describe restrictions: N/A.



ANEXO TÉCNICO *TECHNICAL ANNEX*

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D. ACTIVITIES CARRIED OUT BY THE NB

Technical Documentation Review

- | | | |
|---|---|--|
| ☒ Assembly drawings(s) | ☒ Block diagram | ☒ Circuit diagram/schematics |
| ☒ External photographs | ☒ Label drawing/location | ☒ User manual |
| ☒ Internal photographs | ☒ Operational description | ☒ Risk Assessment |
| ☒ Test set-up photographs | ☒ Test reports | ☒ EU declaration of conformity |
| ☒ Bill of materials | ☒ PCB layout | |
| ☐ Installation diagrams and explanations | ☒ List of applied (harmonized and non-harmonized) standards | |

Other activities

- ☒ RIS
- ☒ EFIS/CNAF
- ☒ Review Technical Justifications
- ☒ Analysis report
- ☒ EU type certification issued

E. ADDITIONAL INFORMATION:

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Annex III, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.

