

# Expertise

**Expert Opinion of the Notified Body on the Conformity Assessment  
according to Article 10.5 of R&TTE Directive 1999/5/EC**

**of the Notified Body SGS  
EU Identification Number 2150**

recognized by



Bundesnetzagentur

BNetzA-bS-09/51-57

Registration-No.	ZD01N0001
Certificate Holder	TELE RADIO AB
	Datavägen 21, SE-436 32 Askim, Sweden
Product Designation	T00007-03, T00007-04, T00007-05, R00008-01, R00008-02
Product Description	Transmitter & Receiver

## Opinion on the Essential Requirements

Article 3.1a): Health and Safety	IEEE 1528-2003 EN60950-1:2006 + A11:2009	compliant
Article 3.1b): Electromagnetic Compatibility	EN 301 489-17 (v2.1.1, 2009) EN 301 489-1 (v1.8.1, 2008)	compliant
Article 3.2: Effective Use of the Radio Spectrum	EN 300 328 (v1.7.1, 2006)	compliant

## Marking

EC conformity marking

Marking Example according to R&TTE Directive 1999/5/EC, § 12:

**CE 2150**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 page(s)).

**approved by:**

**Date**

**Signature**

Beier  
Head of Notified Body R&TTE

Nov 19, 2010

*i.V. Dr. Beier*

Nakpane  
Deputy Head of Notified Body R&TTE

Nov 19, 2010

*i.A. Nakpane*

## **ANNEX**

### **Product Characteristics:**

Operating frequency:	2405 – 2480 MHz
Output power (EIRP):	17.46 dBm
Antenna	ceramic antenna
Antenna Gain:	max 4dBi
Modulation:	Offset QPSK, spread spectrum
Number of Channels:	16
Temperature:	-20°C - +55°C
Power supply:	TX: 4.5V DC (batteries size “AAA” x 3) RX: 230V AC

### **Product Identification:**

The product family of Tele Radio Panther is available in different variants:

Transmitter: T00007-03, T00007-04, T00007-05 are electrical identical, only the keypad number is different.

Receiver: R00008-01, R00008-02: main board, radio board and cabinet are identical;  
Model R00008-02 has an additional power board

### **Conformity Details:**

Evaluated test reports		
Requirement	test report number, date & laboratory	Result
Safety	GLESO09120448101, 18.11.2010, SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou, China GLESO09120446101, 18.11.2010, SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou, China	PASS
Health	GSM10434850S01, 02.11.2010, SGS-CSTC Standards Technical Services Co., Ltd., Shanghai, China GSM10434850S02, 03.11.2010, SGS-CSTC Standards Technical Services Co., Ltd., Shanghai, China GSM10434850S03, 03.11.2010, SGS-CSTC Standards Technical Services Co., Ltd., Shanghai, China	PASS
EMC	GLEMO09120412306, 29.03.2010, SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou, China	PASS
Radio Spectrum	GLEMO09120412305, 19.11.2010, SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou, China	PASS

The Notified Body SGS Germany GmbH is of the opinion that it is properly demonstrated that the above identified apparatus complies with the essential requirements of the directive 1999/5/EC as given in the above scope.

**Remarks:**

none

The certificate shall not be reproduced except in full without  
the written approval of the issuing notified body