

## DECLARATION OF CONFORMITY

**TELTRONIC, S.A.U.**  
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**As manufacturer of:**

**Product:** RTP Series  
**Model:** RTP-800 System  
**Code:** C090061  
**Type:** On-board Radio Communication System  
**Brand:** TELTRONIC  
**Configurations:** 1.06.09.09.xx

**DECLARES under its sole responsibility that the aforementioned radio equipment is in conformity with the essential requirements and other relevant requirements of the following European Union Directives:**

Radio Equipment Directive 2014/53/EU (RED)  
Restriction of Hazardous Substances Directive 2011/65/UE (RoHS) and its amendment 2015/863

**The following standards and normative documents were applied in full in accordance with the aforesaid Directives:**

**Safety:** EN 62368-1:2014 +AC:2015 +A11:2017 +AC:2017-03  
EN 50124-1:2017

**Exposure to electromagnetic fields:** Recommendation 1999/519/EC; EN 50385:2017; EN IEC 62311:2020

**Electromagnetic Compatibility (EMC):** ETSI EN 301 489-1 V2.2.3  
ETSI EN 301 489-5 V2.2.1  
ETSI EN 301 489-17 V3.2.4  
ETSI EN 301 489-52 V1.2.1  
EN 50121-3-2:2016 +A1:2019

**Radioelectric characteristics:** ETSI EN 300 394-1 V3.3.1  
ETSI EN 303 413 V1.2.1  
ETSI EN 301 908-1 v15.2.1  
ETSI EN 301 908-2 v13.1.1  
ETSI EN 301 908-13 v13.2.1  
ETSI EN 300 328 v2.2.2  
ETSI EN 301 893 v2.1.1

**Restriction of Hazardous Substances (RoHS):** EN IEC 63000:2018

**Compliance with the electromagnetic field exposure requirements is conditional on the use of the antenna models specified in the annex to this Declaration of Conformity.**

**Notified body in charge of assessing conformity with the essential requirements of the RED Directive 2014/53/EU and issuing the EU-type examination certificate for the radio equipment stated above:**

ALTER TECHNOLOGY TÜV NORD S.A.U. (NB No. 2031)

**EU-type examination certificate number:** ATN-CER-0042-0025/2021 Ed.3

Zaragoza, Spain, September 2024



On behalf of TELTRONIC S.A.U.  
Alfredo Calderón Samitier  
R&D Director

## ANNEX TO DECLARATION OF CONFORMITY

ANTENNAS APPROVED BY TELTRONIC				
EQUIPMENT MODEL (CODE)	RADIO MODULE (CODE)	ANTENNA MODEL (CODE)	MANUFACTURER	GAIN
RTP-800 System (C090061)	MDT-400 380-430 MHz (D262W28)  Frequency band: 380-430 MHz	100-58-77-01.2 (YANT100587701.2)	Antonics	5,9 dBi
		87010005 (--)	Kathrein	5,15 dBi
		BRLD (YPMIBRLD)	PoloMarconi	5 dBi
		MRD3 (YPMIMRD3)	PoloMarconi	5 dBi
		TRNC-TET (YPANTRNC-TET)	Panorama	5 dBi
		TRNCG-TET (YPANTRNCG-TET)	Panorama	5 dBi
	MDT-400 409-470 MHz (D262Y28)  Frequency band: 409-430 MHz	100-58-77-01.2 (YANT100587701.2)	Antonics	5,9 dBi
		100-58-77-01.1 (YANT100587701.1)	Antonics	4,7 dBi
		87010005 (--)	Kathrein	5,15 dBi
		BRLD (YPMIBRLD)	PoloMarconi	5 dBi
		MRD3 (YPMIMRD3)	PoloMarconi	5 dBi
	MDT-400 409-470 MHz (D262Y28)  Frequency band: 450-470 MHz	BRLD (YPMIBRLD)	PoloMarconi	5 dBi
		MRD3 (YPMIMRD3)	PoloMarconi	5 dBi
		TRNC-S4 (YPANTRNC-S4)	Panorama	5 dBi
		TRNCG-S4 (YPANTRNCG-S4)	Panorama	5 dBi
		100-58-77-01.1 (YANT100587701.1)	Antonics	4,7 dBi
	RUT955 (EG25-G (LTE/WCDMA)) PW2050 (Wi-Fi)	TRNM-7-60-NJ (YPANTRNM-7-60-NJ)	Panorama	698-960 MHz: 6 dBi
				1710-2700 MHz: 6 dBi
				4.9-6 GHz: 10 dBi
		TRNMG-7-60-NJ (YPANTRNMG-7-60-NJ)	Panorama	698-960 MHz: 6 dBi
				1710-2700 MHz: 6 dBi
				4.9-6 GHz: 10 dBi
		TRNC-7-60 (YPANTRNC-7-60)	Panorama	698-960 MHz: 5 dBi
				1710-2700 MHz: 7 dBi
4.9-6 GHz: 10 dBi				
TRNCG-7-60 (YPANTRNCG-7-60)		Panorama	698-960 MHz: 5 dBi	
			1710-2700 MHz: 7 dBi	
			4.9-6 GHz: 10 dBi	
100-58-10-02.50 (YANT100581002.50)	Antonics	694-960 MHz: 7,5 dBi		
		1710-2690 MHz: 8,1 dBi		

### SUPPLEMENTARY INFORMATION

The aforementioned radio equipment is in compliance with the following additional standards:

Railway applications:	EN 50155:2017
	EN 50153:2014/A1:2017
	EN 61373:2010 / CORR 1:2011
	EN 50125-1:2014
	EN 60077-1:2017
	EN 60068-2-1 (Ad)
	EN 60068-2-2 (Be)
	EN 60068-2-30 (Db)