

RELAZIONE TECNICA / TECHNICAL REPORT

Rif./Ref.No. EMCRT_170043a-0	Data / Date: 19/04/2017	Pagine / Pages : 5
Scopo della valutazione / Assessment object :	Valutazione della conformità ai requisiti essenziali delle direttive / Compliance Assessment to the essential requirements of directives: 2014/30/EU	
Norme tecniche di riferimento / Reference Technical Stds' :	Prove di tipo in accordo alla Norma armonizzata / Type test according to Harmonized standards EN 50130-4: 2011; EN 61000-6-3:2007+A1:2011	
Richiedente / Applicant :	POLITEC S.R.L. Via Adda 66/68 -20882 –Bellusco MB Tel. 0396883019	
Persona di riferimento / Applicant's reference:	SIG.ROBERTO CATTANI and SIG. SIMONE RADICE tecnico@politecsrl.it simone.radice@politecsrl.it	
Marchio commerciale / Trademark :	POLITEC	
Fabbricante / Manufacturer :	POLITEC S.R.L	
Prodotto / Product :	INFRARED BARRIER, DOUBLE BEAMS, SMA TECHNOLOGY	
Modelli / Models :	ALES WS	
Data verifiche / Testing date :	16/02/2017 to 23/03/2017	
Campioni verificati / No. of tested samples	1	
Sito di prova / Testing site :	Prima Ricerca & Sviluppo Via Campagna - 92 ITALY-22020 FALOPPIO (CO)	
Esito delle valutazioni / Assessment results :	CONFORME / COMPLIANT	
Verifiche effettuate da / Verifications carried out by :	Antonio ROTONDO Tecnico Laboratorio EMC / EMC Laboratory Engineer	
Approvato / Approved by :	Enrico BANFI Responsabile Laboratorio EMC e RADIO/ EMC and RADIO Laboratory Manager	

I risultati delle prove riportati nel presente rapporto di prova si riferiscono solo ai campioni esaminati./The test results reported in this test report shall refer only to the samples tested
Questo Report non può essere riprodotto in modo parziale, salvo espressa autorizzazione scritta da parte del Laboratorio / This report may not be partially reproduced, except with the prior written permission of the issuing Laboratory

CONTENUTO / TABLE OF CONTENTS

0	REGISTRO REVISIONI / RELEASE CONTROL RECORD	2
1	Descrizione del prodotto / Product description	3
1.1	Targa di identificazione / Identification Marking	3
2	DOCUMENTAZIONE FOTOGRAFICA / PHOTOGRAPHIC DOCUMENTATION....	4
3	Analisi tecnica / Technical analysis	5
4	CONCLUSIONI / Conclusions	5

0 REGISTRO REVISIONI / RELEASE CONTROL RECORD

TECHNICAL REPORT N°	REASON OF CHANGE	DATE OF ISSUE
EMCRT_170043a-0	Original release	19/04/2017

1 DESCRIZIONE DEL PRODOTTO / PRODUCT DESCRIPTION

The product subject of the assessments is **INFRARED BARRIER, DOUBLE BEAMS, SMA TECHNOLOGY** model **ALES WS**.

1.1 Targa di identificazione / Identification Marking

The **INFRARED BARRIER, DOUBLE BEAMS, SMA TECHNOLOGY** model **ALES WS** is a derived model of the similar product **INFRARED BARRIER, DOUBLE BEAMS, SMA** model **ALES 60** (tested model) which compliance to the essential requirements of **2014/30/EU** directive according to **EN 50130-4: 2011; EN 61000-6-3: 2007 + A1: 2011** has been verified by the test and inspections pointed out in the Test Report EMCTR_170041-0 issued by Prima Ricerca & Sviluppo on date 28/03/2017

The differences declared by the manufacturer are listed in the following table

Table1: Difference between tested and derived model as declared by manufacturer		
Basic model	Derived model	Difference between basic and derived model
ALES 60	ALES WS	• Box for radio transmitter and battery 3.6Vdc • Change firmware

2 DOCUMENTAZIONE FOTOGRAFICA / PHOTOGRAPHIC DOCUMENTATION

Photographic documentation ALES WS (Derived Model)



3 ANALISI TECNICA / TECHNICAL ANALYSIS

On the basis of:

- the difference between the derived model and the basic model declared by the manufacturer;
- the test and inspections results performed on the tested model pointed out in the Test Report EMCTR_170041-0 issued by Prima Ricerca & Sviluppo on 28/03/2017

Prima Ricerca & Sviluppo has not performed any additional tests on the derived model **ALES WS** to the scope of the maintenance of the compliance to the essential requirements of **2014/30/EC (Electromagnetic Compatibility)**

4 CONCLUSIONI / CONCLUSIONS

Starting from the technical analysis it is possible to declare the conformity of the product **ALES WS** to the essential requirements of the directive **2014/30/EU** directive according to **EN 50130-4: 2011; EN 61000-6-3: 2007 + A1: 2011 (Electromagnetic Compatibility)**