

### Conformity with the Technical Parameters and Requirements

Seq. No	Technical parameters and requirements	Conformity with the requirements <i>(delete as appropriate)</i>	Offered equivalent technical requirements	Name of the document supporting conformity and link to the paragraph defining the requirement	Remark
1.	<b>Standard, technical regulation or norm</b>				
1.1.	Resistance of products to the effects of mechanical factors according to GOST 33435 and GOST 17516.1. or equivalent (European Union) standards.	<i>Conformity</i>	GOST 33435 and GOST 17516.1	TS.docx	
1.2.	Electrical protection according to GOST 12.2.007 or equivalent (European Union) standards.	<i>Conformity</i>	GOST 12.2.007	TS.docx	
1.3.	IP requirements for protection of electrical equipment against dust and humidity (for more details, see paragraph 4.2.4 of the Technical Specification).	<i>Conformity</i>	<i>Protective casing - IP66; modules, adapters, etc. - IP54.</i>	TS.docx	
2.	<b>Complete set, functional properties of the Object of the Procurement</b>				
2.1.	It must be able to install the Goods on PESA 730ML rolling stock, if necessary, install the Goods at a degree of not more than 25° from the vertical axis.	<i>Conformity</i>	Yes	TS.docx	
2.2.	The Goods must be in a protective casing of at least IP66 protection rating, the protection rating of the equipment of the Goods (modules, adapters) must be not lower than IP54.	<i>Conformity</i>	<i>Protective casing - IP66; modules, adapters, etc. - IP54.</i>	TS.docx	
2.3.	The Goods must have an N-type connection for connection to a radio station.	<i>Conformity</i>	<i>N-type</i>	TS.docx	
2.4.	The Goods and assemblies thereof must withstand at least 120 m/s air drag and at least 30 m/s effects of crosswinds when moving.	<i>Conformity</i>	120 m/s air drag and at least 30 m/s effects of	TS.docx	

			crosswinds when moving.		
2.5.	The Goods must maintain working capacity when a radio station transmitter with the capacity of up to 25W is connected.	<i>Conformity</i>	25W	TS.docx	
2.6.	The operating frequencies of the Goods shall be as follows: not lower than 2130 and not higher than 2150 kHz.	<i>Conformity</i>	2130-2150 kHz	TS.docx	
2.7.	Input impedance 50Ω.	<i>Conformity</i>	50Ω	TS.docx	
2.8.	SWR factor at operating frequencies not higher than 2.	<i>Conformity</i>	2,0	TS.docx	
2.9.	Range of the operating temperatures: not higher than -40°C and not lower than +40°C.	<i>Conformity</i>	From -50°C to +60°C.	TS.docx	
2.10.	The Goods and equipment thereof must be grounded (have grounding terminals in place).	<i>Conformity</i>	Yes	TS.docx	
2.11.	Dimensions of the Goods (1 pc.):	<i>Conformity</i>	H×L×W – 200-450×3100×110 mm	TS.docx	
	the length not more than 3.5 m.;				
	the height not more than 0.45 m.				
2.12.	Weight of the Goods (1 pc.) not higher than 10 kg.	<i>Conformity</i>	9 kg	TS.docx	
2.13.	Complete set of the Goods (1 pc.):	<i>Conformity</i>		TS.docx	
	the Good in a casing – 1 pc.;		1	TS.docx	
	a compensation module – 1 pc.;		1	TS.docx	
	a power adapter – 1 pc.;		1	TS.docx	
	a cable for connection to a radio station – 20 m.;		20 m	TS.docx	
	a set of all connections of the Good (connections, sockets etc.) – 1 pc.;		1	TS.docx	
	a set of supports for fixing the Good to the body of the rolling stock – 1 pc.		1	TS.docx	

Member of Board

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