

Certifikat / Certificate
Mnenje o ustreznosti / Expert Opinion

Št./No. P252-0029/04

Tehnična mapa / Technical Construction File št. / No. C20040752

vsebuje dokumente, ki ustvarjajo domnevo o skladnosti naprave z bistvenimi zahtevami iz 88. člena Zakona o telekomunikacijah, ZTK-1, (Uradni list RS, št. 30/01) in je narejena v skladu s priložo III. Pravilnika o radijski in telekomunikacijski terminalski opremi (R&TTE) (Uradni list RS, št. 77/01 in 40/03). / includes all necessary documents which make the presumption of compliance of a product with the essential requirements of R&TTE Directive (1999/05/EC) and was made in accordance with Annex IV of this Directive.

Podatki o proizvodu / Identification of Product:

Vrsta proizvoda / Equipment class : Fiksni radijski sistem / Fixed Radio System
Oprema in antene tipa točka do točke / Point to point equipment and antennas
Blagovna znamka / Trade mark : Iskra Transimission
Družina naprav / Product family : /
Tipna oznaka / Type designation : SparkWave DRL 13GA
Drugi podatki / Other characteristics : frekvenčni pas / Frequency Band: 12,75 GHz - 13,25 GHz, max. izhodna moč / Max. Output Power: 22 dBm (at antenna port), Modulacija / Type of modulation: QAM, Temperaturno področje / Temperature Range: - 5°C + +50°C (Indoor unit) - 50°C + +50°C (Outdoor unit), Kanalski razmik / Channel Spacing: 3.5/7/14/28 MHz, Hitrost prenosa / Transmission Rate: 2x 2Mbit/s, 8/ 4x2 Mbit/s, 34/ 2x16 Mbit/s.

Proizvajalec produkta / Product Manufacturer:

Podjetje / Company : Iskra Transimission, d.d., Ljubljana
Naslov / Address : Stegne 11, SI-1000 Ljubljana
Slovenija

Lastnik potrdila / Expert Opinion Holder:

Podjetje / Company : Iskra Transimission, d.d., Ljubljana
Naslov / Address : Stegne 11, SI-1000 Ljubljana
Slovenija

Slovenski inštitut za kakovost in meroslovje (SIQ) je pooblaščen za delovanje kot priglašeni organ (identifikacijska številka 1304) za izvajanje postopkov ugotavljanja skladnosti s Pravilnikom o radijski in telekomunikacijski terminalski opremi (R&TTE) (Uradni list RS, št. 77/01 in 40/03) / Slovenian Institute of Quality and Metrology (SIQ) is authorized to act as a Notified Body (identification number 1304) in accordance with R&TTE Directive 1999/5/EC of 9 March 1999.

Mnenje ima priložo / This Expert Opinion has an annex.

Ljubljana, 23.08.2004



Podpis pooblaščenice osebe / Authorised signature

Priloga k Mnenju o ustreznosti št. / Annex to Expert Opinion No. P252-0029/04

Mnenje o izpolnjevanju naslednjih bistvenih zahtev Zakona o telekomunikacijah / Our opinion on compliance with the following essential requirements of R&TTE Directive:

Člen 88 (1) / Article 3.1

NO Zahteve za zaščito zdravja in varnosti uporabnika ter drugih oseb ob upoštevanju predpisov, ki določajo zahteve za nizkonapetostne naprave, vendar brez upoštevanja napetostnih omejitev / *The protection of the health and the safety of the user and any other person, including the objectives with respect to safety requirements contained in Directive 73/23/EEC, but with no voltage limit applying.*

√ Zahteve za elektromagnetno združljivost (EMC), ki so opredeljene v 93. členu ZTk-1 / *The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC.*

Člen 88 (2) / Article 3.2

√ Zahteve za radijsko opremo za učinkovito izrabo radiofrekvenčnega spektra za prizemne, vesoljske in orbitalne radijske komunikacije ter za izogibanje škodljivih motenj / *Radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communication and orbital resources so as to avoid harmful interference.*

Article 3.3.

Proizvod mora biti narejen tako, da / *The product shall be so constructed that:*

NA deluje vzajemno z omrežjem in drugimi napravami in je lahko priključen na relevantne vmesnike znotraj Evropske skupnosti / *it interworks via networks with other apparatus and that it can be connected to interfaces of the appropriate type throughout the Community,*

NA ne poškoduje omrežja ali njegove funkcionalnosti niti ne zlorablja omrežnih virov, s čimer bi bila povzročena nesprejemljiva degradacija omrežjih storitev / *it does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service,*

NA ima vključene varnosne mehanizme, ki omogočajo varovanje naročniških osebnih podatkov in zagotavljajo zasebnost / *it incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected,*

NA podpira lastnosti, ki omogočajo zaščito pred vdori / *it supports certain features ensuring avoidance of fraud,*

NA podpira lastnosti, ki omogočajo dostop do storitev v stiski / *it supports certain features ensuring access to emergency services,*

NA podpira lastnosti, ki omogočajo bolj enostavno uporabo invalidnim uporabnikom / *it supports certain features in order to facilitate its use by users with a disability.*

Ocenjevana poročila / Conformity Details:

Zahteva / Requirement	Št. poročila / Test report number	Laboratorij / Laboratory	Standard, predpis / Standard, Regulation	Opomba / Note
Radijski spekter / Radio spectrum	DRL 13GA-001/04, 23.07.2004	Iskra Transimission	EN 301 751 V1.2.1	√
EMC	T251-0305/04, 28.07.2004	SIQ	EN 301 489-01 V1.4.1 EN 301 489-04 V1.3.1	√
Izpostavljenost človeka elektromagnetnim poljem / Human exposure to electromagnetic fields	T253-0035/04, 09-07-2004	SIQ	ICNIRP Guidelines for limiting exposure to time-varying electric, magnetic and electromagnetic fields, Health Physic, April 1998; volume 74, Number 4	√

Legenda / Legend:

√.....Ustreza / Conform

X.....Ne ustreza / Not Conform

NA.....Ni uporabno za ta primer / Not applicable to this product

NO.....Ni bilo ocenjevano / Not assess

Priloga k Mnenju o ustreznosti št. / Annex to Expert Opinion No. P252-0029/04

Opazanja in opombe / Notes and remarks:

Ni jih / None.

Sestavni del tehnične mape je dobaviteljeva enotna izjava o skladnosti z 90 členom Zakona o telekomunikacijah, ZTk-1, (Uradni list RS, št. 30/01) / A constituent part of a technical construction file is a supplier's Declaration of Conformity to R&TTE Directive (1999/05/EC).

Za verodostojnost izjave o skladnosti je odgovoren izključno proizvajalec ali njegov pooblaščen zastopnik. / The manufacturer or his authorised representative is exclusively responsible for the authenticity of the Declaration of Conformity.

Označevanje / Marking:

Proizvod mora biti za ocenjevalne bistvene zahteve označen z oznako CE, SIQ identifikacijsko številko priglašene organa za ugotavljanje skladnosti in z identifikatorjem razreda II. / The product shall be for assessed essential requirements marked with the CE marking, SIQ Notified Body identification number and the Class II identifier (Alert sign).

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Navedeno označevanje je veljavno za ocenjene bistvene zahteve / Mentioned marking is relevant for assessed essential requirements.

Opombe / Notes:

Uporaba SIQ identifikacijske številke 1304 za druge proizvode, ki niso bili predmet ocenjevanja tega Mnenja o ustreznosti je dovoljeno samo z našim pisnim dovoljenjem. / The use of SIQ identification number 1304 for other products than those designated and described in this Expert Opinion is allowed only with our written permission.

V primeru, da radijska oprema uporablja radijske frekvence, ki niso harmonizirane v Evropski skupnosti, morajo biti nacionalne oblasti, ki so v posamezni državi članici oblasti za frekvenčni spekter, obveščene o predvideni uporabi take radijske opreme na svojem tržišču. / In the case of radio equipment using frequency bands whose use is not harmonised throughout the Community, the national authority responsible in the relevant Member State for spectrum management shall be notified of the intention to place such equipment on its national market (Article 6.4 of the R&TTE directive).

Proizvajalec ali njegov pooblaščen zastopnik s sedežem v Evropski skupnosti ali oseba, ki je odgovorna za dajanje opreme na trg, mora hraniti tehnično mapo še najmanj 10 let od takrat, ko je bila zadnja naprava proizvedena. Tehnična mapa mora biti na voljo pristojnim državnim organom za namen opravljanja nadzora. / The manufacturer or his authorised representative established within the Community or the person responsible for placing the apparatus on the market shall keep the technical construction file for a period of at least 10 years after the last apparatus was manufactured. The technical construction file shall be at disposal of the relevant national authorities of any Member States for inspection.

Ocenjevanje izvedel / Assessor

