

Attn: Mr Scot D. Rogers
Rogers Labs, Inc.
4405 West 259th Terrace
Louisburg, KS 66053, USA

Re: Testing and certification of SAF FreeMile-24 radio

Riga, October 28, 2011

Dear Mr Rogers,

One of the microwave data transmission products of SAF Tehnika – CFIP 24 (P/N I24FEE02L, FCC ID: W9Z-CFIP-24) – has been tested at Rogers Labs, Inc. in June, 2009. According to Test Report Number 090626A, the above mentioned equipment complies to relevant requirements of Code of Federal Regulations CFR47.

Currently you have received for tests another SAF Tehnika product of such kind – FreeMile-24 (M/N Z24FEE01L). In its essence it is a down-graded version of CFIP 24, and we believe that modification of already certified product (CFIP 24) that resulted in development of FreeMile-24 comply to Class II permissive changes description of Section 2.1043 of CFR47 Ch.1. Please find the list of modifications below:

1. Changed PCB – FreeMile-24 is more compact and has integrated power supply board elements;
2. Different enclosure – FreeMile-24 is a more compact product size-wise, and instead of CFIP 24 mounting locks it has a separate set of two support plates, which allows to connect the radio to antenna more directly (without so-called ODU interface adaptor);
3. FreeMile-24 has different E1 connectors (18pin connector changed to RJ45 connector)
4. FreeMile-24 supports just 2 x E1 instead of 4 x E1 as it was in CFIP 24
5. FreeMile-24 does not have twin BNC connector
6. An additional antenna size is available for both CFIP 24 and FreeMile-24 (please see Table 1 with the list and main parameters of antennas below)
7. FreeMile-24 has different RSSI port - RJ45, instead of BNC connector which was on CFIP 24.

Table 1. Antennas for FreeMile-24 and CFIP 24 radios

Type	Gain	M/N	Diameter	Manufacturer
[new antenna] P to P parabolic	45.1 dBi	HAA2499	0.99m	Arkivator AB
P to P parabolic	40.5 dBi	HAA2406	0.60m	Arkivator AB
P to P parabolic	35.2 dBi	HAA2403	0.30m	Arkivator AB

Considering the above mentioned information, SAF Tehnika would like to apply for testing and certification of FreeMile-24 radio under Class II permissive change provisions.

If you have any additional questions or require clarification of provided information please do not hesitate to contact Head of Testing Department of SAF Tehnika Mr Andrejs Bogdanovs directly by e-mail: andrejs.bogdanovs@saftehnika.com or phone: +371 67046840.

Respectfully yours,

Aira Loite
CFO, SAF Tehnika