

March 15, 2020

Telefication B.V.
Attn: Dept. FCC TCB
Edisonstraat 12A
6902 PK ZEVENAAR
The Netherlands

Subject: Application for RF module Class II Permissive Change of the products KP-141 PG2, KP-241 PG2 with FCC ID: WP3KP141PG2N

Dear Gentlemen,

The following changes were implemented in approved module FCC ID: WP3KP141PG2N used as a RF in the KP-141 PG2, KP-241 PG2.:

1. 641-301320 TR NPN RF LNA NE662M04 SM SOT-343 (Q2) & 641-301321 TR NPN RF PA NE664M04 SM SOT-343 (Q3) – Obsolete therefore we use the replacement.
The replacement is with the same pinout, and the replacement is electrical identical, and with the identical radio parameter.
2. 641-307275 Transistor NPN LNA Bipolar RF SOT343 (Q2) & 641-307276 TRANSISTOR NPN RF POWER AMP SOT343 (Q3).
The replacement is with the same pinout, and the replacement is electrical identical, and with the identical radio parameter.
3. In order to have the electrical and radio identical the listed components been replaced:
 - a. C36 from 6.8 pF to 5.6 pF.
 - b. C24 from 8.2 pF to 5.6 pF.
 - c. L11 from 3.9 nH to 2.7 nH.
 - d. R13 from 2.2 ohm to 1 ohm.
 - e. L13 5.6 nH added.



Zuri Rubin
Certification Manger.