

Telecommunication Certification Body,
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Subject: Permissive Change Application
FCC ID: IDIVLU-05

Our ref: HUC022 02

Date : 20 September 2010

Permissive Change Request FCC

A request is made for a Class II permissive change or modification of presently authorized equipment listed under FCCID: IDIVLU-05. Two components have been made obsolete by the current manufacturers, therefore in order to maintain the product in the marketplace, alternative sources were sought. The following devices were replaced:

U2 Toshiba TA31136FN – replaced by New Japan Radio NJM2951V-TE1

This device is a FM IF demodulator IC. It includes an oscillator, mixer, limiting amplifier, quadrature detector, and active filter. It is used to provide the crystal controlled second intermediate frequency function in the receiver design as well as the FM demodulator

U5 National Semiconductor LMX2306TM – replaced by Analog Devices ADF4116BRUZ

This device comprises a low-noise digital PFD (Phase Frequency Detector), a precision charge pump, a programmable reference divider, programmable A and B counters and a dual-modulus pre-scaler which are used to implement a frequency synthesizer providing the local oscillator function in the down-conversion sections of the receiver and the transmitter oscillator function..

These are pin for pin “drop in” functional replacements.

Due to the key nature of the circuit function it was decided to carry out new testing to

prove continued compliance with FCC requirements. No changes to any of the frequency control crystals or VCO circuitry has been made so a permissive change is requested.

Yours,



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