May 31, 2005

Federal Communications Commissions

Subject ꞉ PH3 DJ-X7T /800MHz analog cellular telephone band blocking

To Whom It May Concern,

This is to declare that the device in application DJ-X7T has been blocked for any and all access of 824.00 to 849.9975MHz and 869.00 to 894.9975MHz.

The device uses triple super heterodyne circuit for a narrow –FM/AM and double super heterodyne for a wide-FM receiver, and frequency is generated only by PLL synthesizer circuit.
The first local oscillation frequencies are as follows and it can't be altered other than these values by any means꞉

Receiving frequency	:	VCO frequency	:	Image frequency
0.1~ 283.995MHz	:	244.050 ~ 527.945MHz	:	488.000 ~ 771.795MHz
284.000 ~ 497.500MHz	:	263.975 ~ 370.725MHz	:	771.900 ~ 985.400MHz
497.500 ~ 770.495MHz	:	253.550 ~ 526.545MHz	:	9.600 ~ 282.595MHz
770.500 ~ 823.995MHz	:	263.275 ~ 290.0225 MHz	:	282.600 ~ 336.095 MHz
850.000 ~ 868.995MHz	:	303.025 ~ 312.5225 MHz	:	362.100 ~ 381.095MHz	:
895.000 ~ 1299.995MHz	:	325.525 ~ 528.025MHz	:	407.100 ~ 812.095MHz

As shown, none of them are in the cell-phone frequency.

In addition, band-pass filters are used to filter-out unwanted signals. The CPU used in this device, our parts code IC308 XA1086, vender's code M3826AEFGP is exclusively programmed, burned as above and ALINCO exports solely this version to the US market. This component is a one-time chip therefore it can't be modified or reprogrammed by any means.

To my best of knowledge, above declared is true

Sincerely,

Kusuhara

Kazuhiro Kusuhara

manager, Production & Engineering

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