ALINCO

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Federal Communications Commissions

RE: DJ-X11T /800MHz analog cellular telephone band blocking

To Whom It May Concern,

This is to declare that the device in application DJ-X11T has been blocked for any and all access of 824.00 to 849.9975MHz and 869.00 to 894.9975MHz.

Main band of the device uses triple super heterodyne circuit for a narrow - FM/AM/SSB/CW and double super heterodyne for a wide-FM receiver.

Sub band of the device uses double super heterodyne circuit for a narrow - FM/AM.

Frequencies are generated by the PLL synthesizer circuit only.

The first local oscillation frequencies are as follows and it can't be altered other than these values:
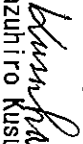
(all units: MHz)

Main band

Receiving frequency		VCO frequency		Image frequency
0.05 ~ 244.145	:	244 ~ 488.095	:	487.95 ~ 732.045
244.15 ~ 487.995	:	244.05 ~ 365.9725	:	732.05 ~ 975.895
488 ~ 732.045	:	244.05 ~ 488.095	:	0.1 ~ 244.145
732.05 ~ 975.895	:	244.05 ~ 365.9725	:	244.15 ~ 487.995
975.9 ~ 1299.99995	:	365.975 ~ 528.024975	:	488 ~ 812.09995

Sub band

Receiving frequency		VCO frequency		Image frequency
118 ~ 170.995	:	169.65 ~ 222.645	:	221.3 ~ 274.295
336 ~ 469.995	:	284.35 ~ 418.345	:	232.7 ~ 366.695

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 IC511 XA1453, vender's code M30627FJPGP is exclusively programmed for T model only and ALINCO, Inc exports solely this version to the US market.

To my best of knowledge, above declared is true.

Sincerely,

Kazuhiro Kusuhara
General manager, Production
Alinco, Inc. Electronics Div.