From: Ronald J. Jakubowski
TX RX Systems, Inc.

To: Carl Huey
Federal Communications Commission

Subj: Experimental License Application 0219-EX-PL-1999

Dear Carl,

Sorry its taken me so long to get back to you, but I've been out of town since our telephone conversation.

I've looked over the table of frequencies and am submitting the attached addendum to our frequency request. As you suggested, I am changing my request to individual spot frequencies (except in the Amateur Cellular and PCS allocations) which are sufficient for characterizing an antenna pattern. Since most frequency plans are offset 12.5, 15, 25 or 30 kHz from an even megahertz, our short duration CW emissions should have little or no impact on the few licensees in this rural area.

I am also willing to amend the power requirement to 300 watts ERP, which is the minimum power required to get 60 dB dynamic range from the measurement system. It should be noted that these transmissions would be kept very short, typically less than 1 minute duration per frequency under test. The tests would typically be run only to check the results of a new antenna design or manufacturing process, at most once or twice per week.

We accept the responsibility of coordinating with licensees on or adjacent to these frequencies to insure we generate no harmful interference.

Ronald J Jakubowski

Sincerely,

Ronald J. Jakubowski
Director of Engineering

Experimental License Application 0219-EX-PL-1999

Frequency List: (all in MHz)

137.0 138.0 139.0 140.0 141.0 142.0 143.0
144.0 – 148.0
150.8 151.0 152.0 153.0 154.0 155.0 156.0 157.0 158.0 159.0 160.0 161.0 162.0
163.0 164.0 165.0 166.0 167.0 168.0 169.0 170.0 171.0 172.0 173.0 174.0
216.0 217.0 218.0 219.0 220.0 221.0 222.0
223.0 – 225.0
420.0 421.0 422.0 423.0 424.0 425.0 426.0 427.0 428.0 429.0
430.0 – 450.0
450.0 451.0 452.0 453.0 454.0 455.0 456.0 457.0 458.0 459.0 460.0 461.0 462.0
463.0 464.0 465.0 466.0 467.0 468.0 469.0 470.0
471.0 472.0 473.0 474.0 475.0 476.0 477.0 478.0 479.0 480.0 481.0 482.0 483.0
484.0 485.0 486.0 487.0 488.0 489.0 490.0 491.0 492.0 493.0 494.0 495.0 496.0
497.0 498.0 499.0 500.0 501.0 502.0 503.0 504.0 505.0 506.0 507.0 508.0 509.0
510.0 511.0 512.0
746.0 747.0 748.0 749.0 750.0 751.0 752.0 753.0 754.0 755.0 756.0 757.0 758.0
759.0 760.0 761.0 762.0 763.0 764.0 765.0 766.0 767.0 768.0 769.0 770.0 771.0
772.0 773.0 774.0 775.0 776.0 777.0 778.0 779.0 780.0 781.0 782.0 783.0 784.0
785.0 786.0 787.0 788.0 789.0 790.0 791.0 792.0 793.0 794.0 795.0 796.0 797.0
798.0 799.0 800.0 801.0 802.0 803.0 804.0 805.0 806.0
807.0 808.0 809.0 810.0 811.0 812.0 813.0 814.0 815.0 816.0 817.0 818.0 819.0
820.0 821.0 822.0 823.0
824.0 – 849.0
851.0 852.0 853.0 854.0 855.0 856.0 857.0 858.0 859.0 860.0 861.0 862.0 863.0
864.0 865.0 866.0 867.0 868.0
869.0 – 894.0
896.0 897.0 898.0 899.0 900.0
901.0 – 902.0
902.0 – 928.0
929.0
930.0 – 931.0
932.0 933.0 934.0 935.0 936.0 937.0 938.0 939.0 940.0
940.0 – 941.0
942.0 943.0 944.0 945.0 946.0 947.0 948.0 949.0 950.0 951.0 952.0 953.0 954.0
955.0 956.0 957.0 958.0 959.0 960.0