



APPLICANT : R.L. Drake Company

FCC ID: CAR1002105

CONFIRMATION NO: EA94071

MODIFICATION : Change R5 from 3.9 k to 7.5 k Ohms.

Test Procedure:

For all test, Modulated Carrier with a 2.5 kHz tone.

For Plots# 1-3 set display line at 43.5dBuV and using delta marker functions measured the 200kHz bandwidth. Plots for the frequencies close to the restricted band were made only.

For Plot# 4-5, 8, and 11-12 set display line 20 dB down from fundamentals peak.

For Plots# 6-7 and 9-10 set display line at 43.5dBuV and using marker function set it to where the restricted frequency begins or ends. Marker shows that the restricted bandedge of the fundamental are below the 43.5 dBuV limit line.

Test Result:

Plot# 1: Section 15.237(b): set TX to 72.9 MHz and measured the 200 kHz bandwidth.

Plot# 2: Section 15.237(b): set TX to 74.7 MHz and measured the 200 kHz bandwidth this covers both 74.6 and 74.8 MHz restricted band.

Plot# 3: Section 15.237(b): set TX to 75.3 MHz and measured the 200 kHz bandwidth.

Plot# 4: Low channel 72.1 MHz bandedge measurement.

Plot# 5: High channel 72.9 MHz bandedge measurement.

Plot# 6: Restricted Bandedge measurement set Tx unit to 72.9 MHz, which falls in the 73 MHz.

Plot# 7: Restricted Bandedge measurement, set Tx unit to 74.7 MHz, which falls in the 74.6 MHz.

Plot# 8: Middle channel 74.7 MHz bandedge measurement.

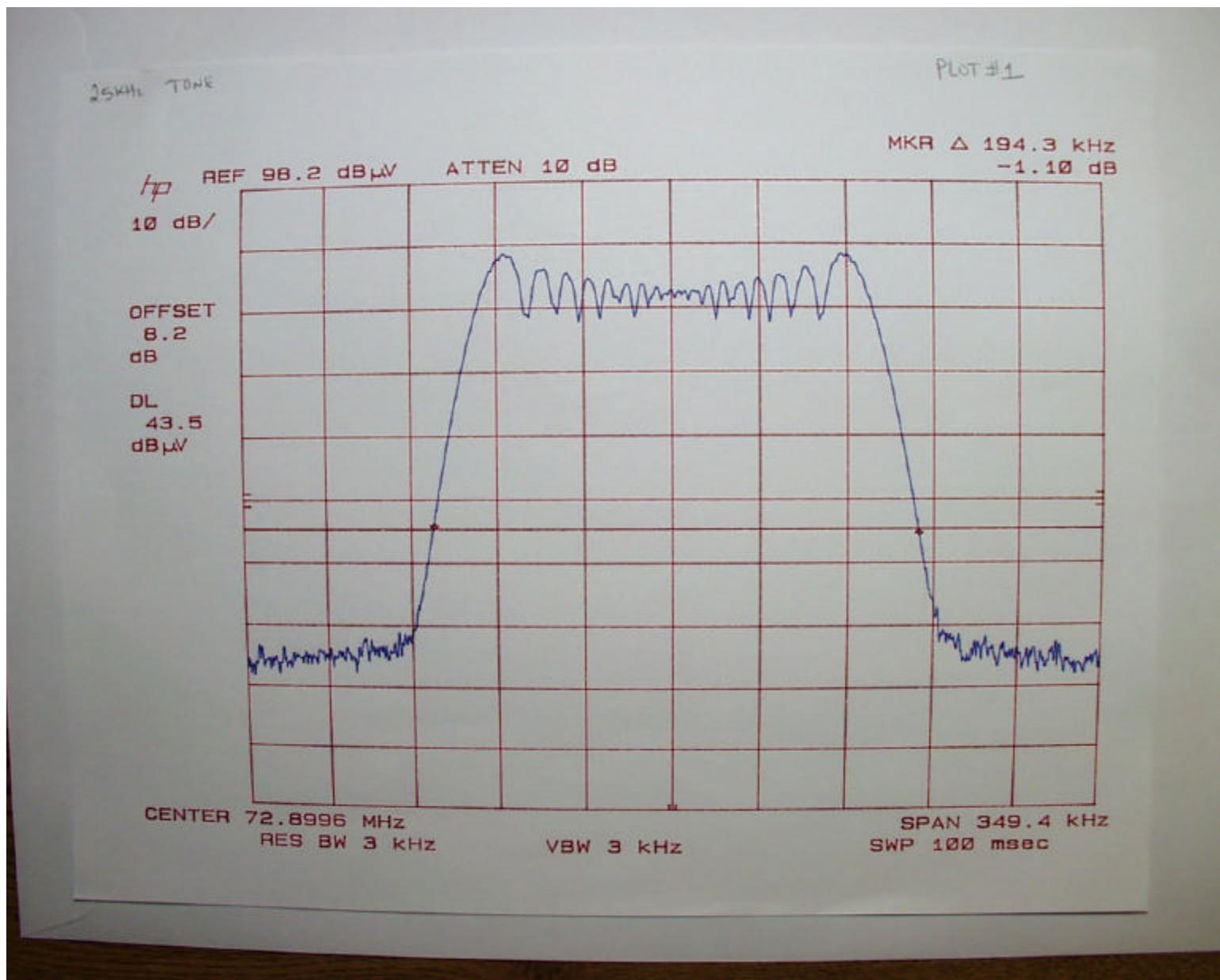
Plot# 9: Restricted Bandedge measurement, set Tx unit to 74.7 MHz, which falls in the 74.8 MHz.

Plot# 10: Restricted Bandedge measurement, set Tx unit to 75.3 MHz, which falls in the 75.2 MHz.

Plot# 11 Low channel 75.3 MHz bandedge measurement.

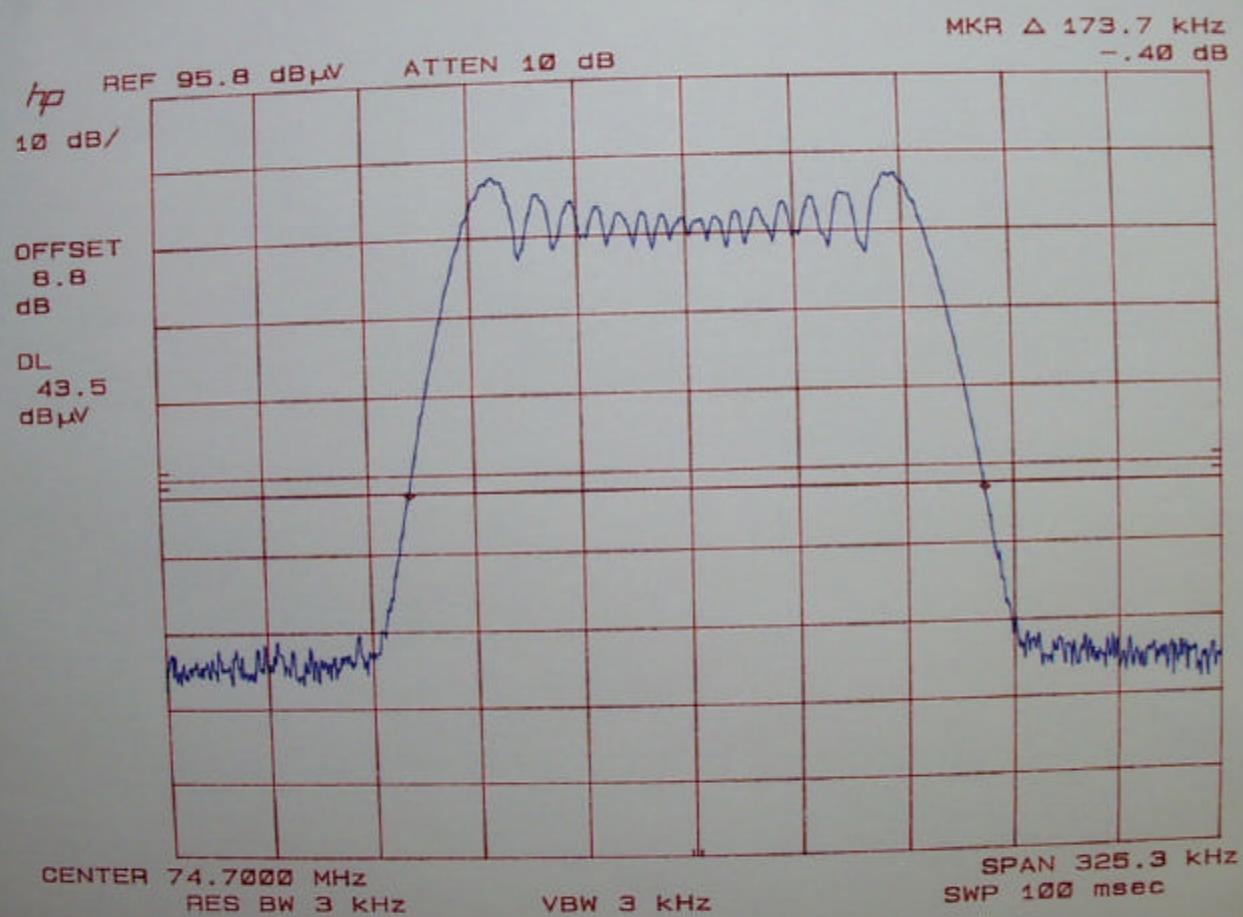
Plot# 12: High channel 75.9 MHz bandedge measurement.

Prepared By: Compliance Engineering Services, Inc.
1366 Bordeaux Drive
Sunnyvale CA 94089



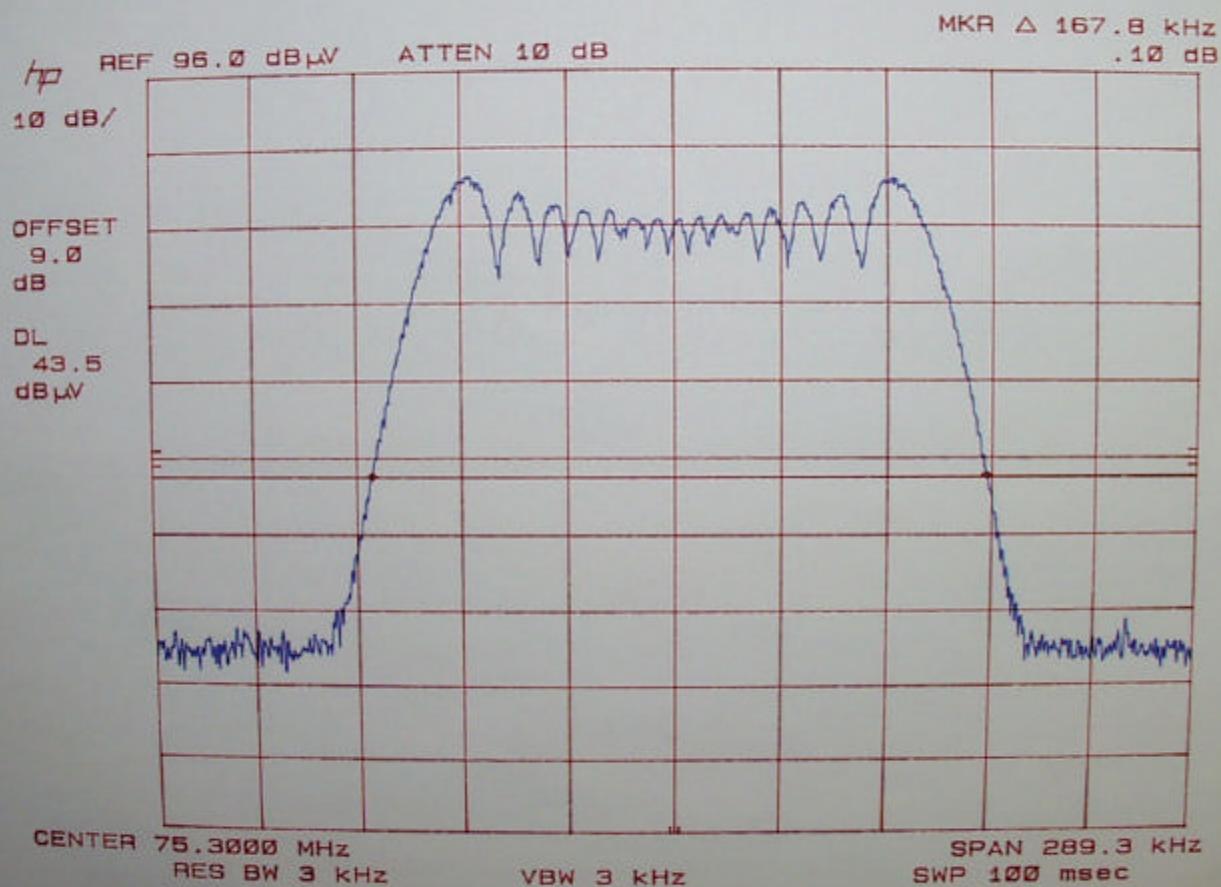
25kHz TONE

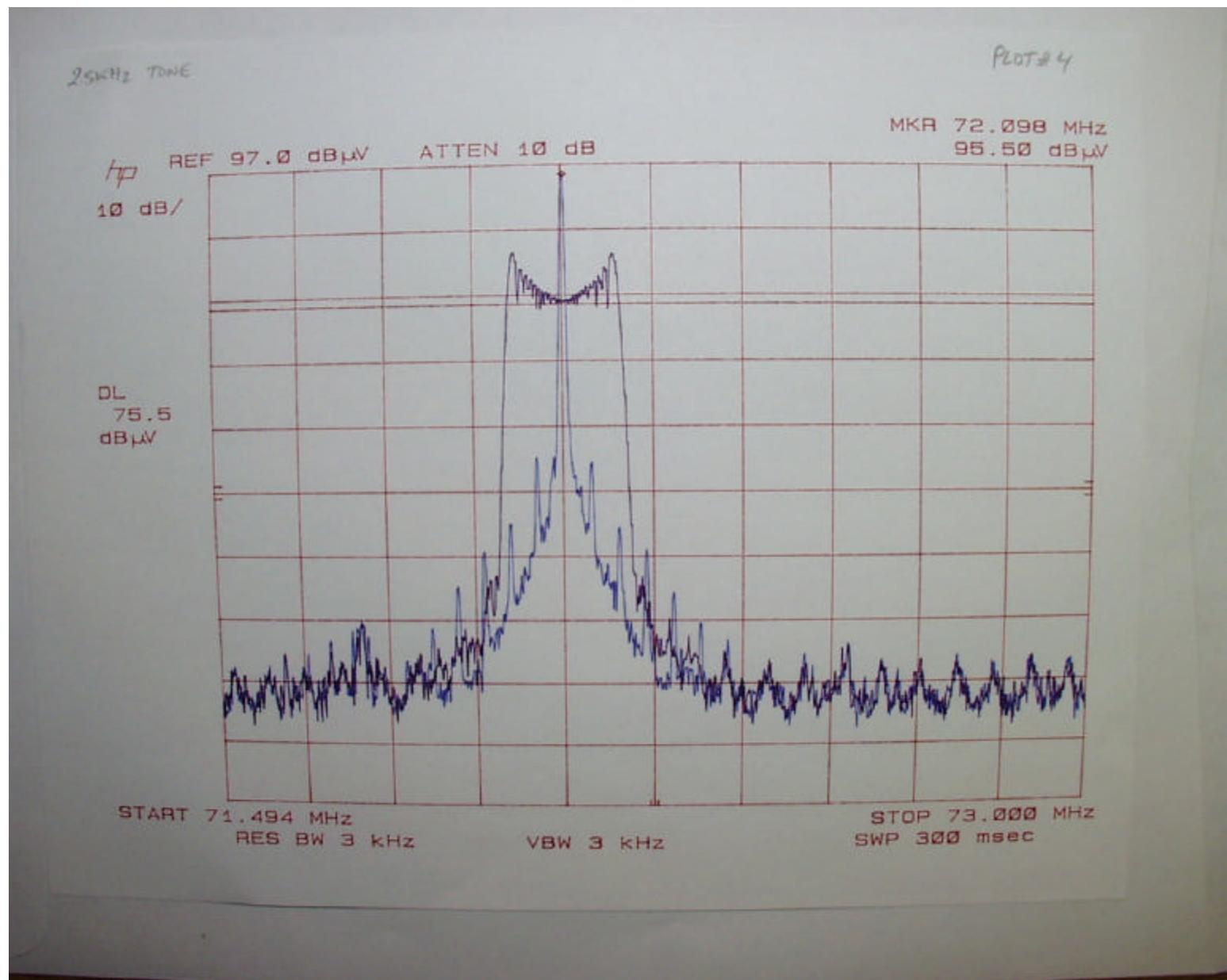
PLOT #2

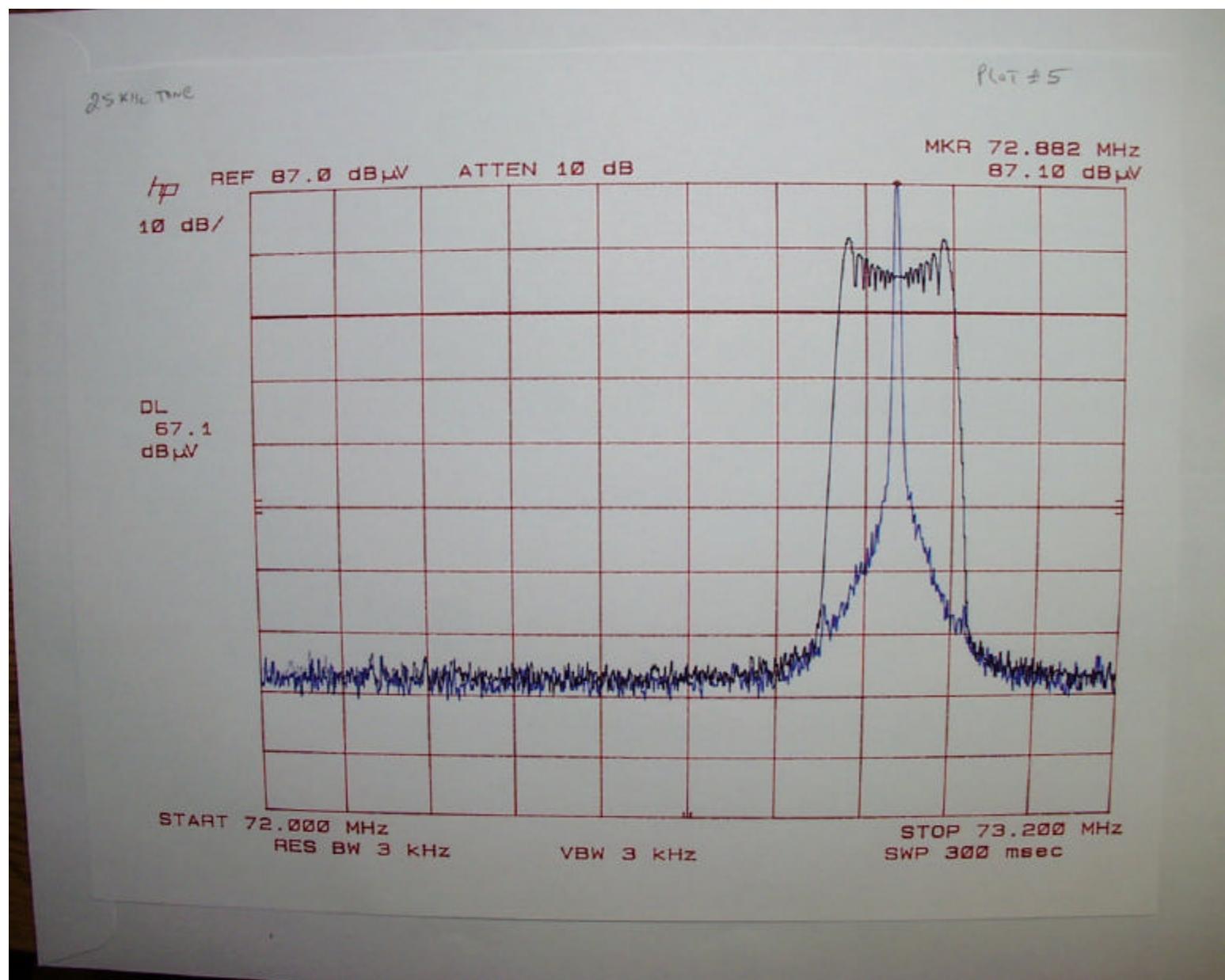


25 kHz tone

Plot #3

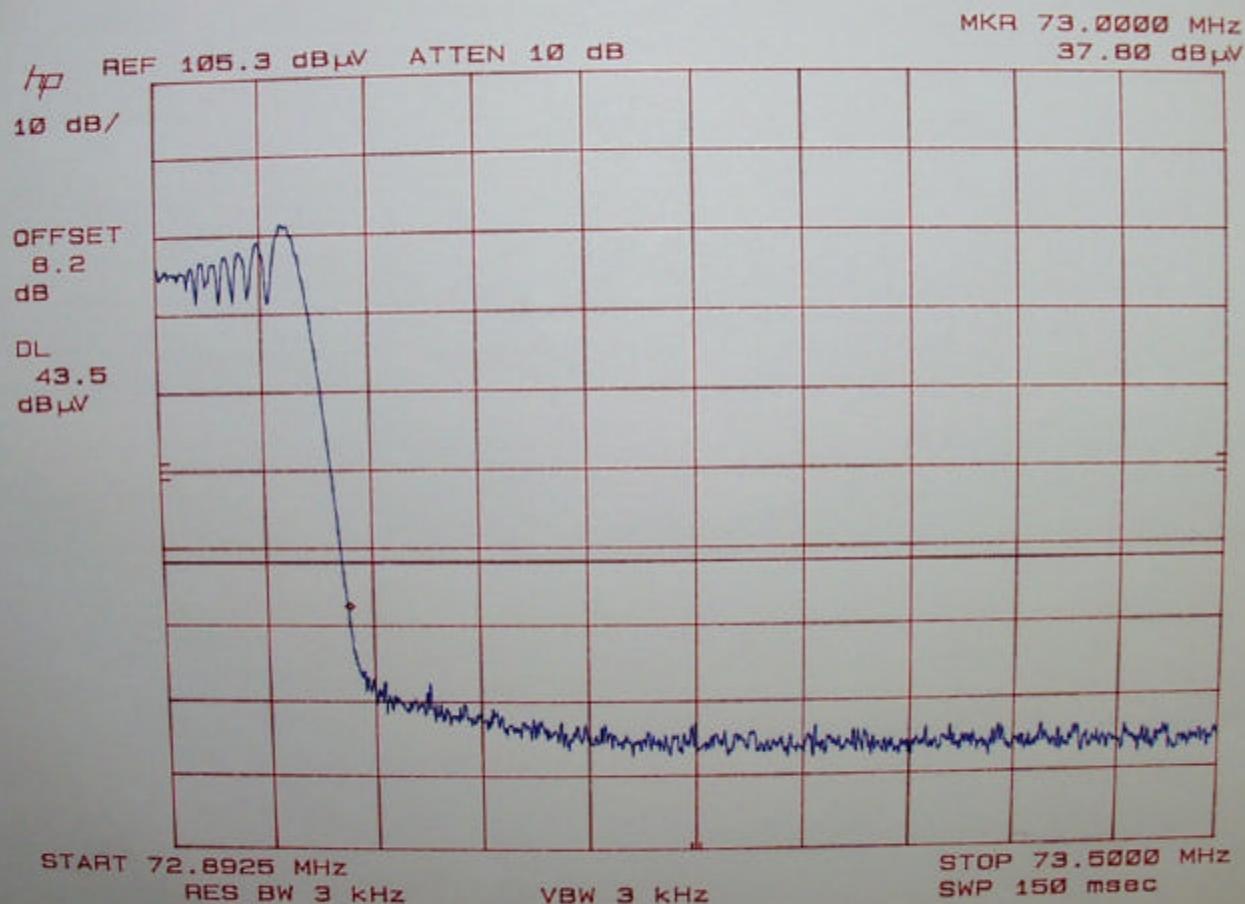


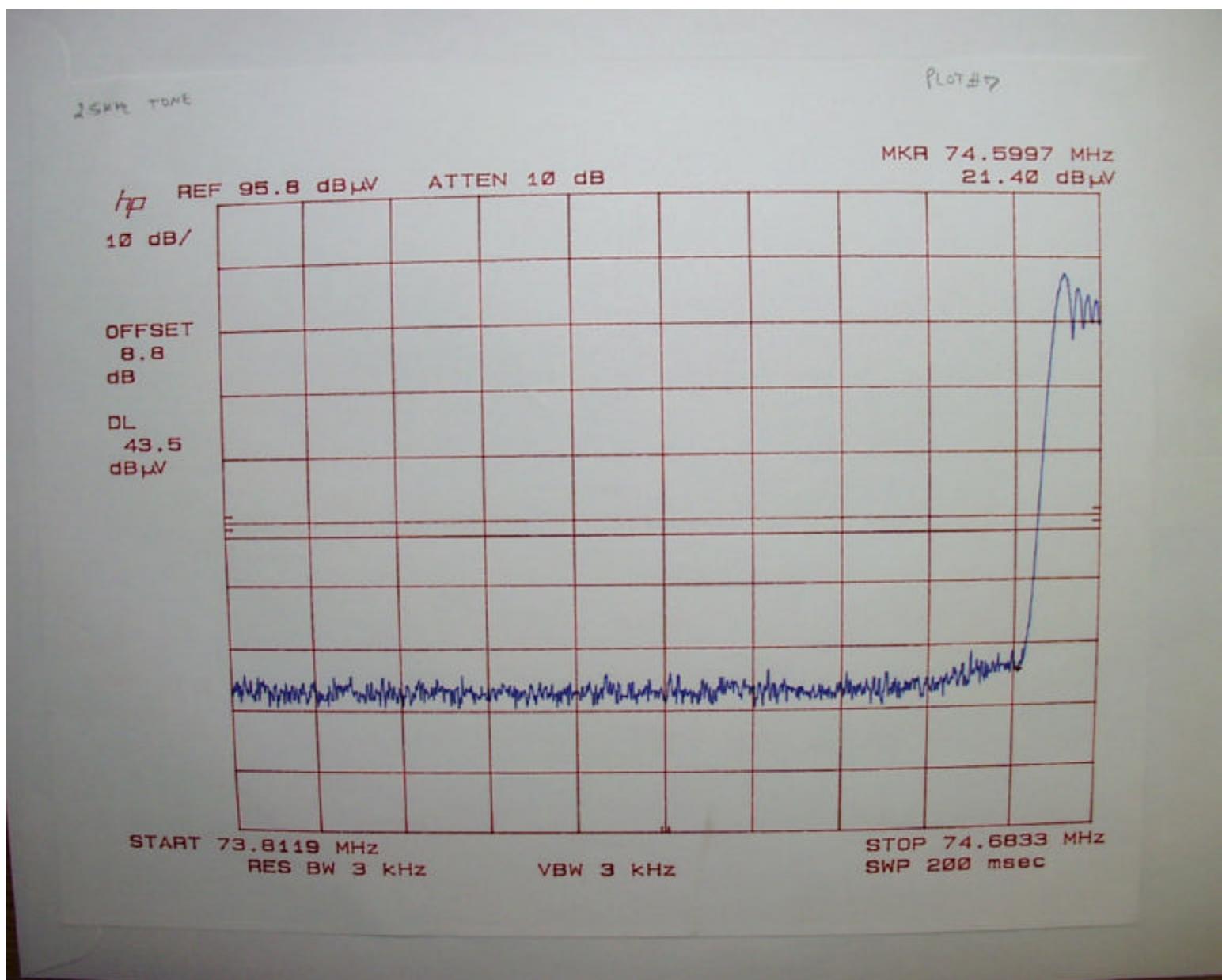




25KHz TONE

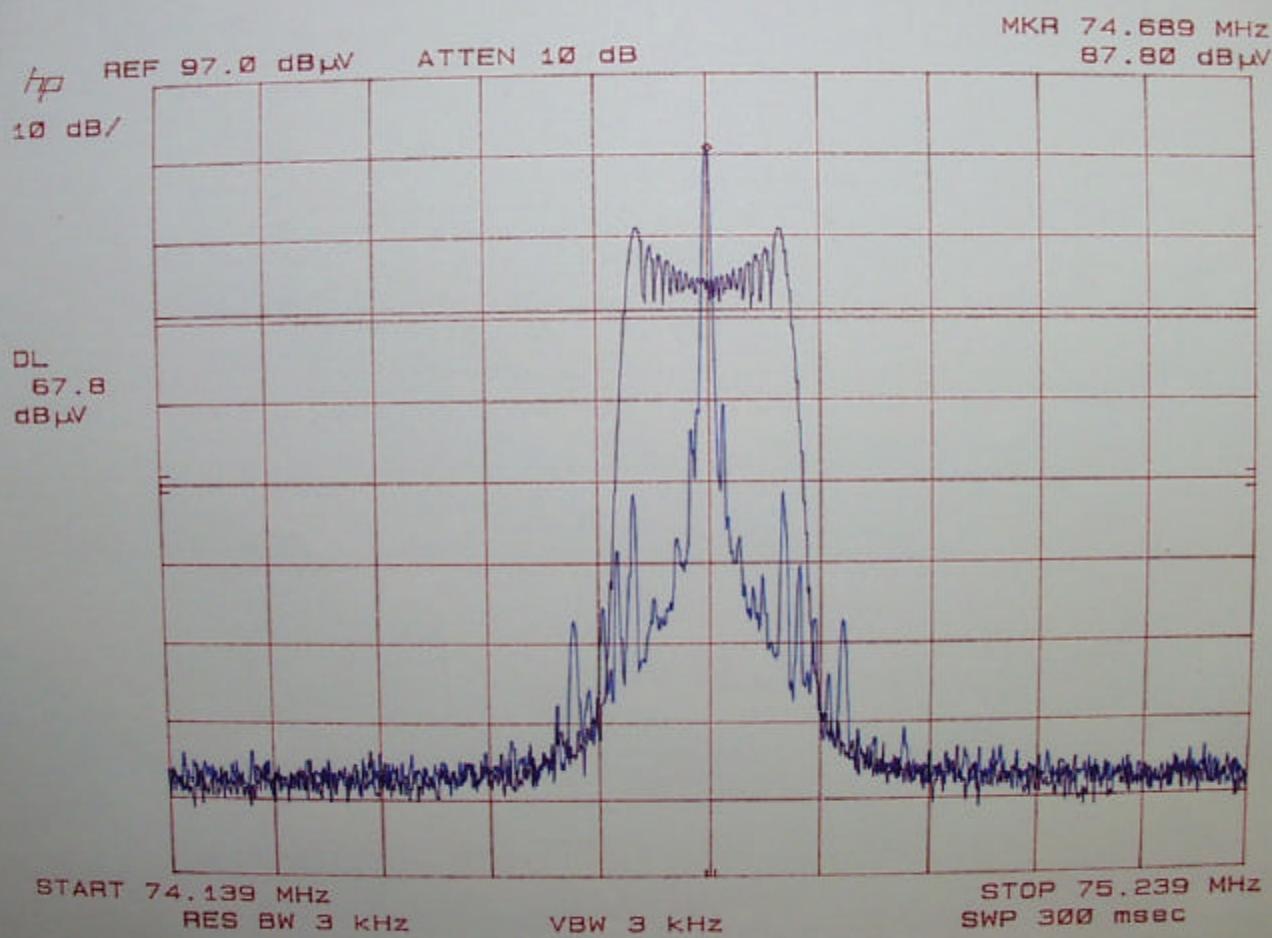
Plot #6

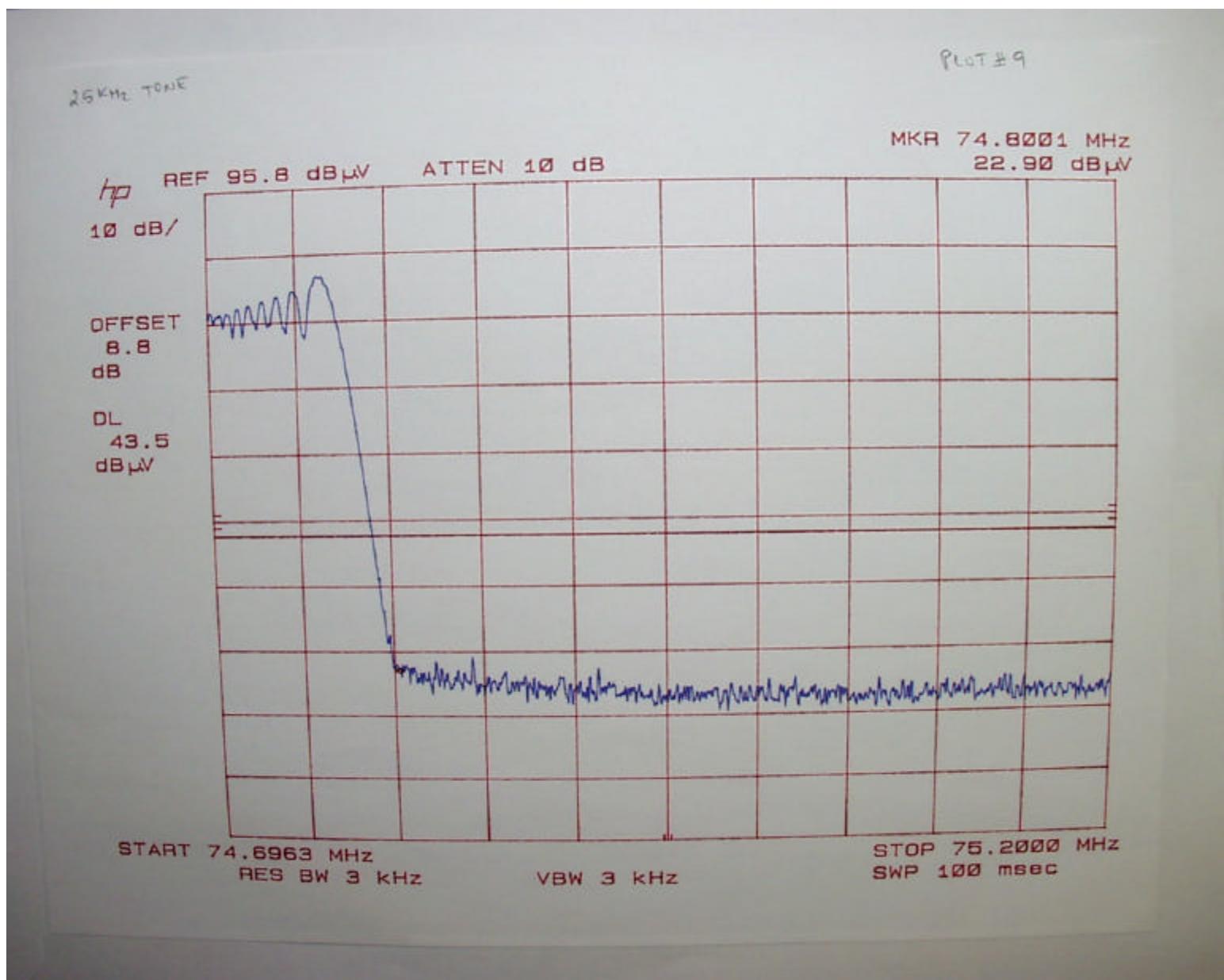


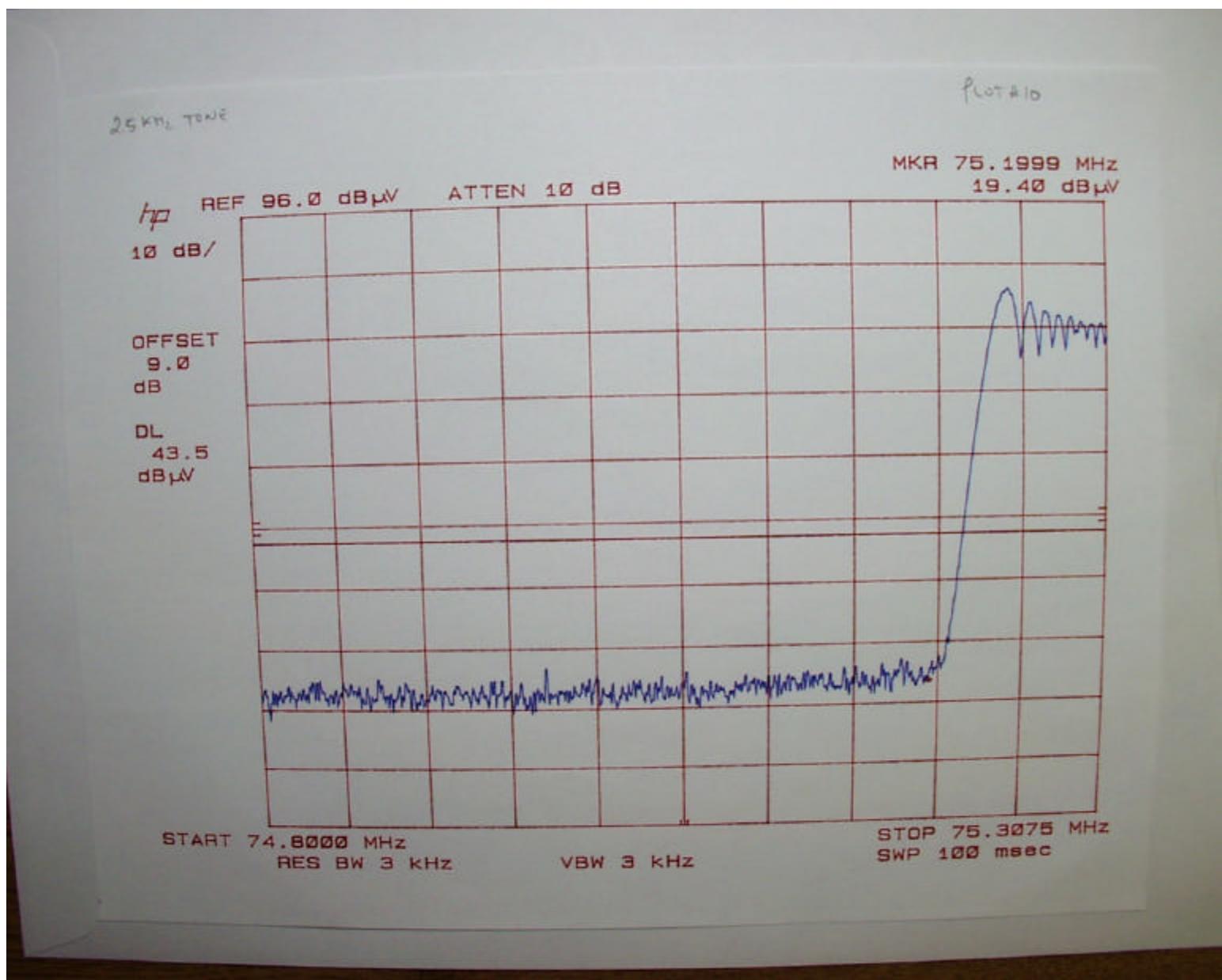


25kHz TONE

Plot H8

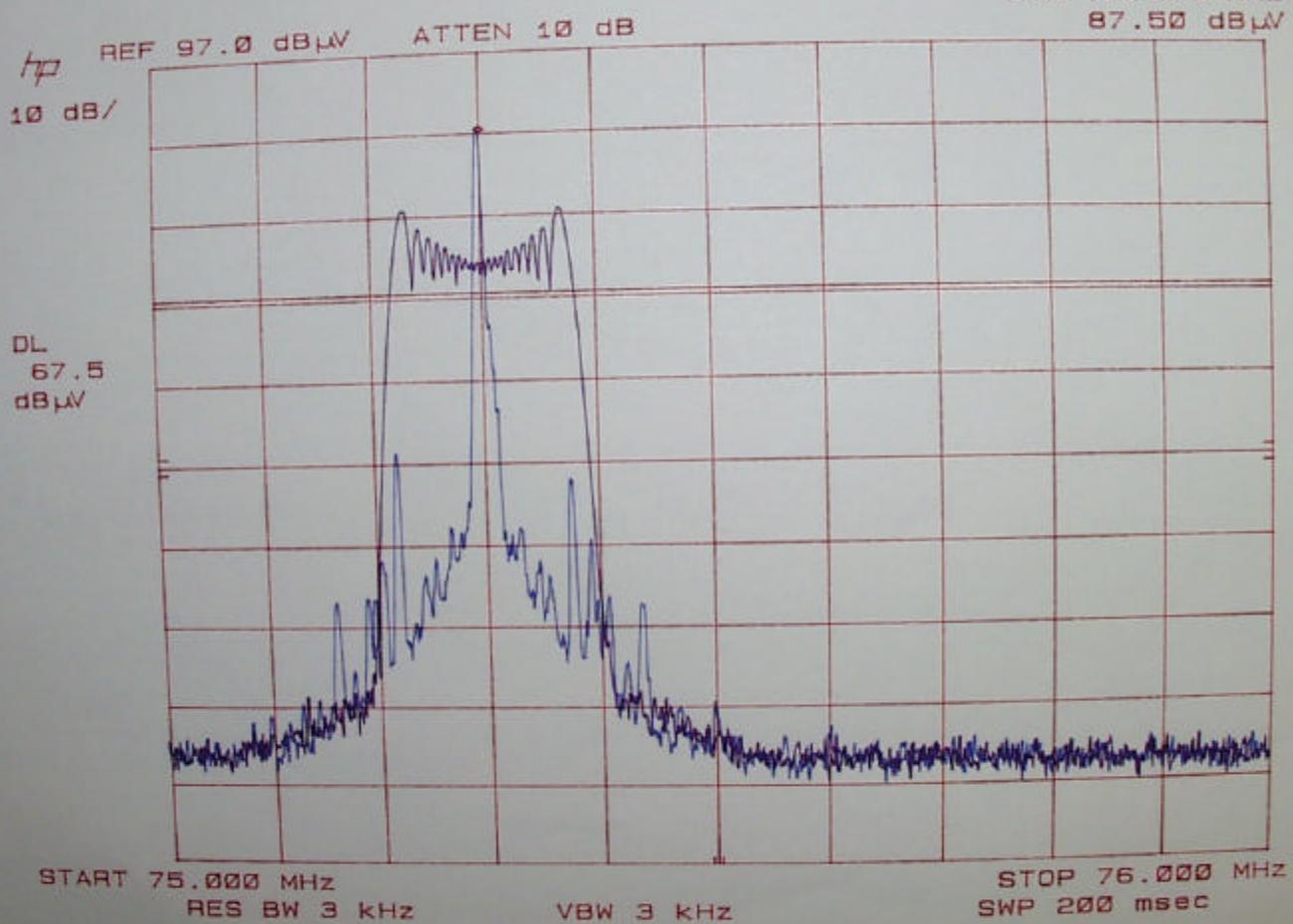






PLOTH 11

25KHz TONE



2.5KHz TONE

PL27#12

