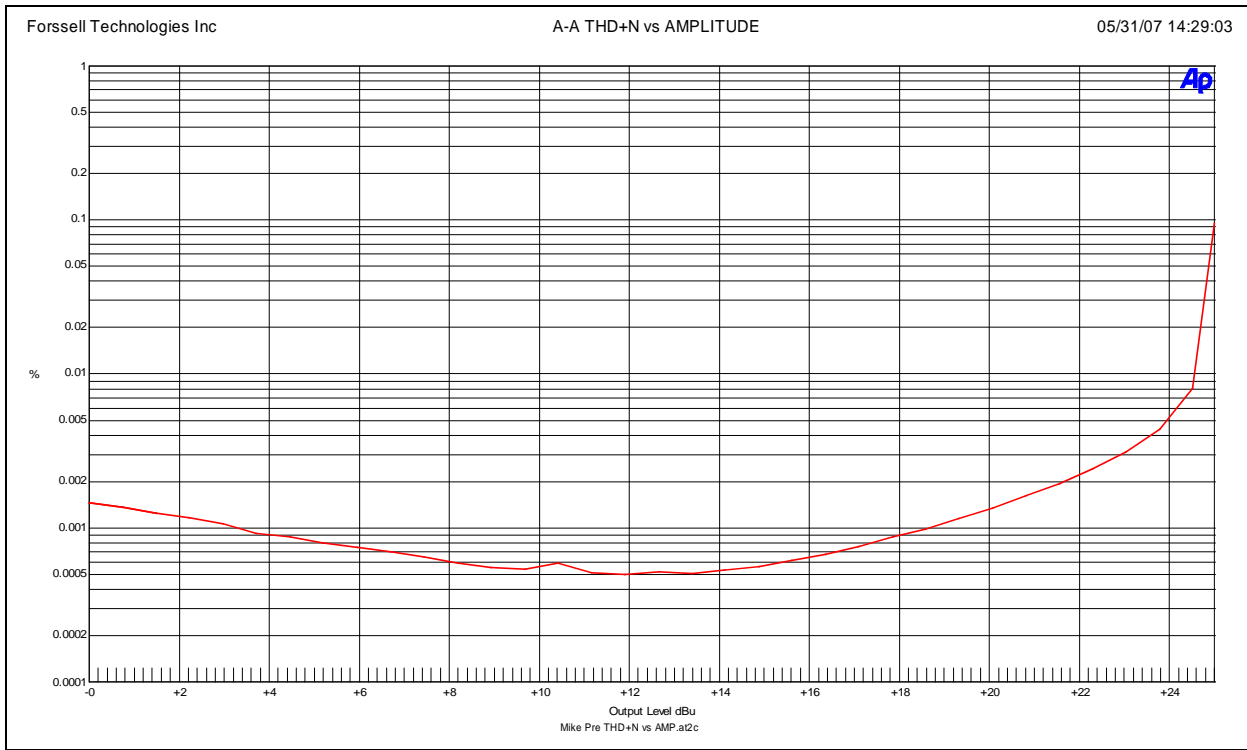
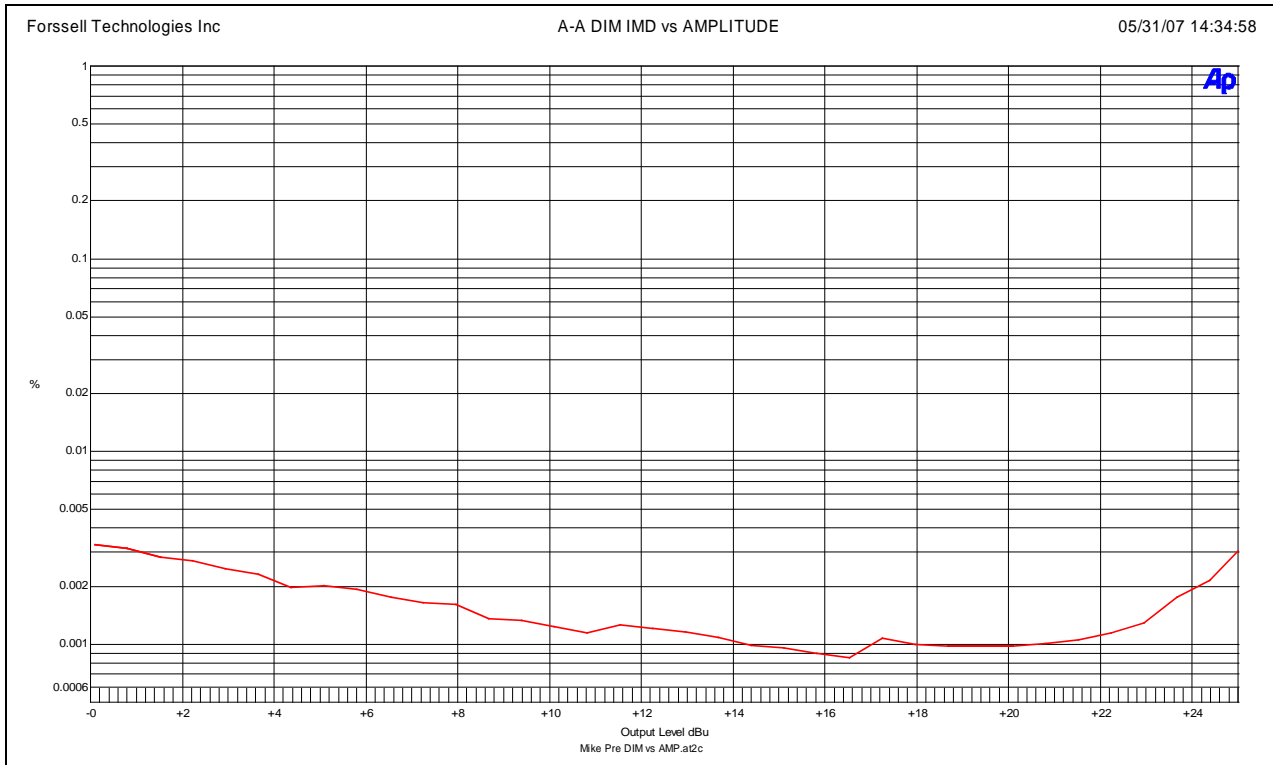


F(t) Forssell Technologies Inc Prototype 2 Channel Discrete JFETMic Preamp Test Data

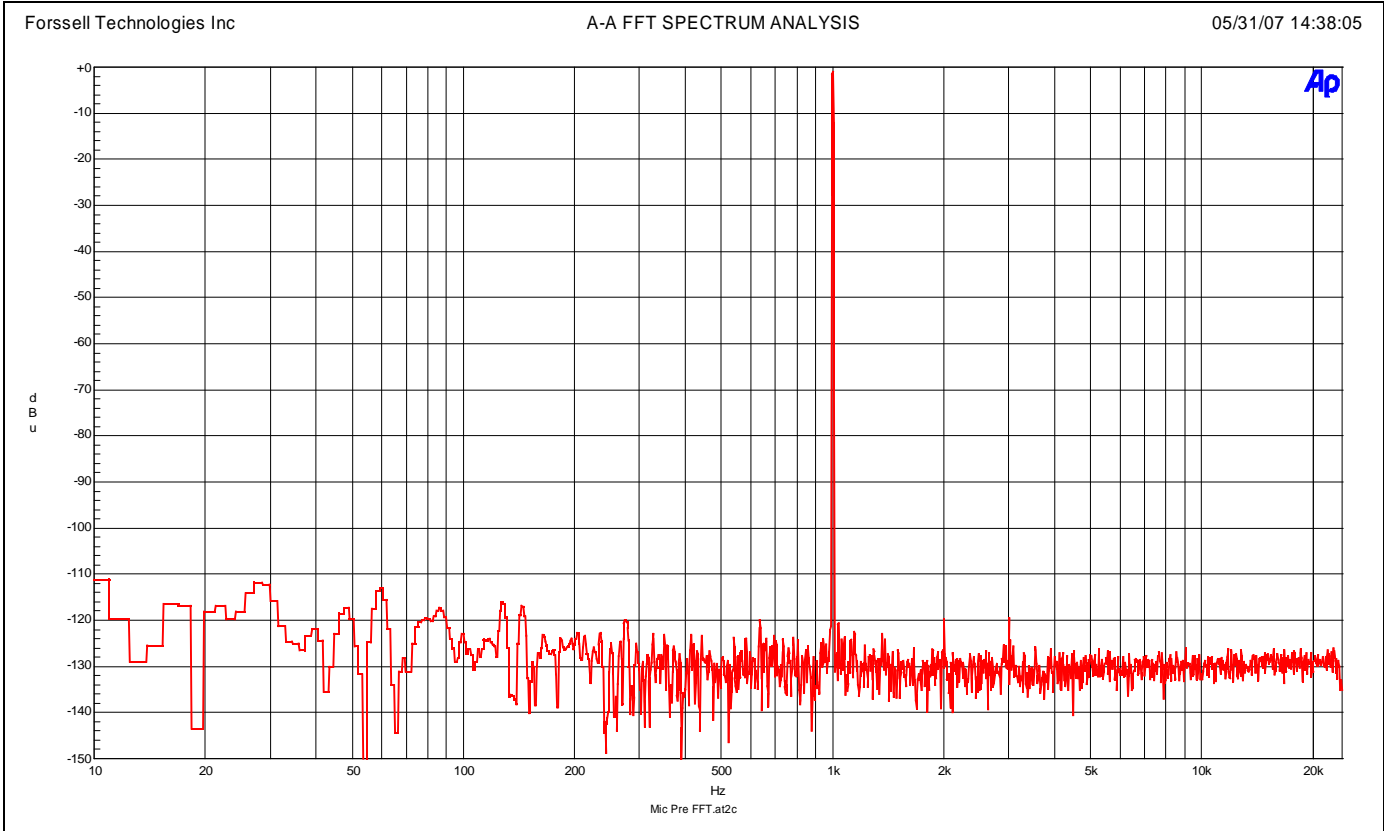
Unless otherwise specified all tests into 10k ohm || .001 mfd load



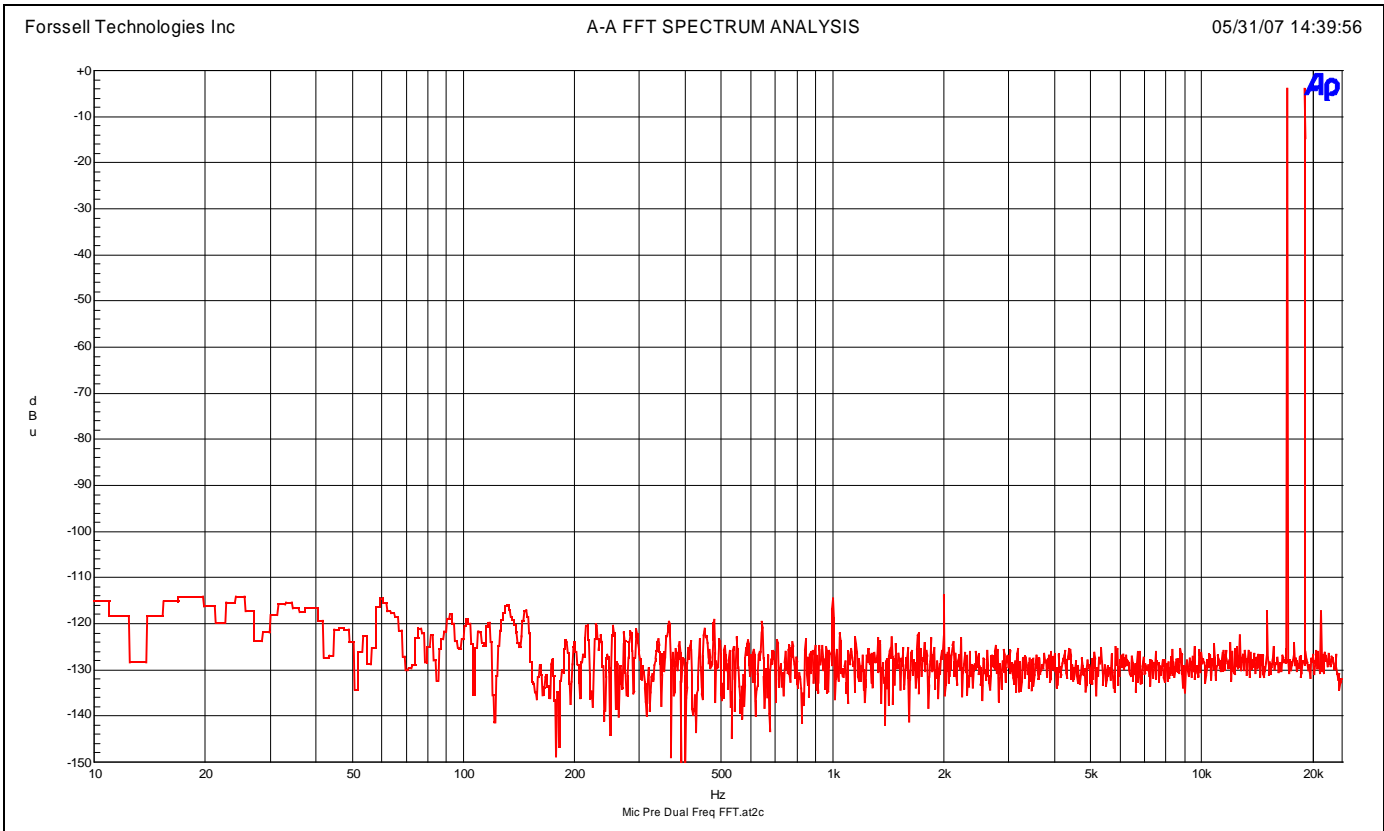
THD+N vs output voltage from 0 dBu to +25 dBu



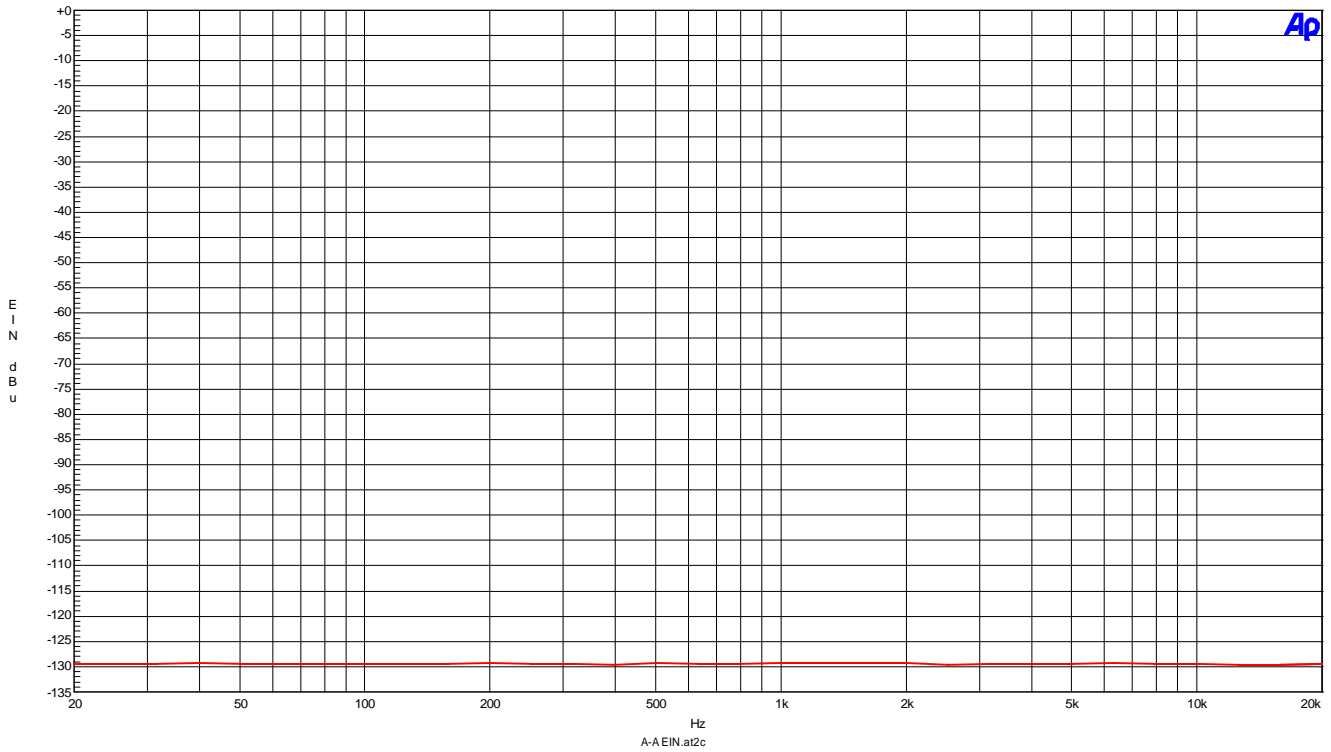
DIM vs output voltage



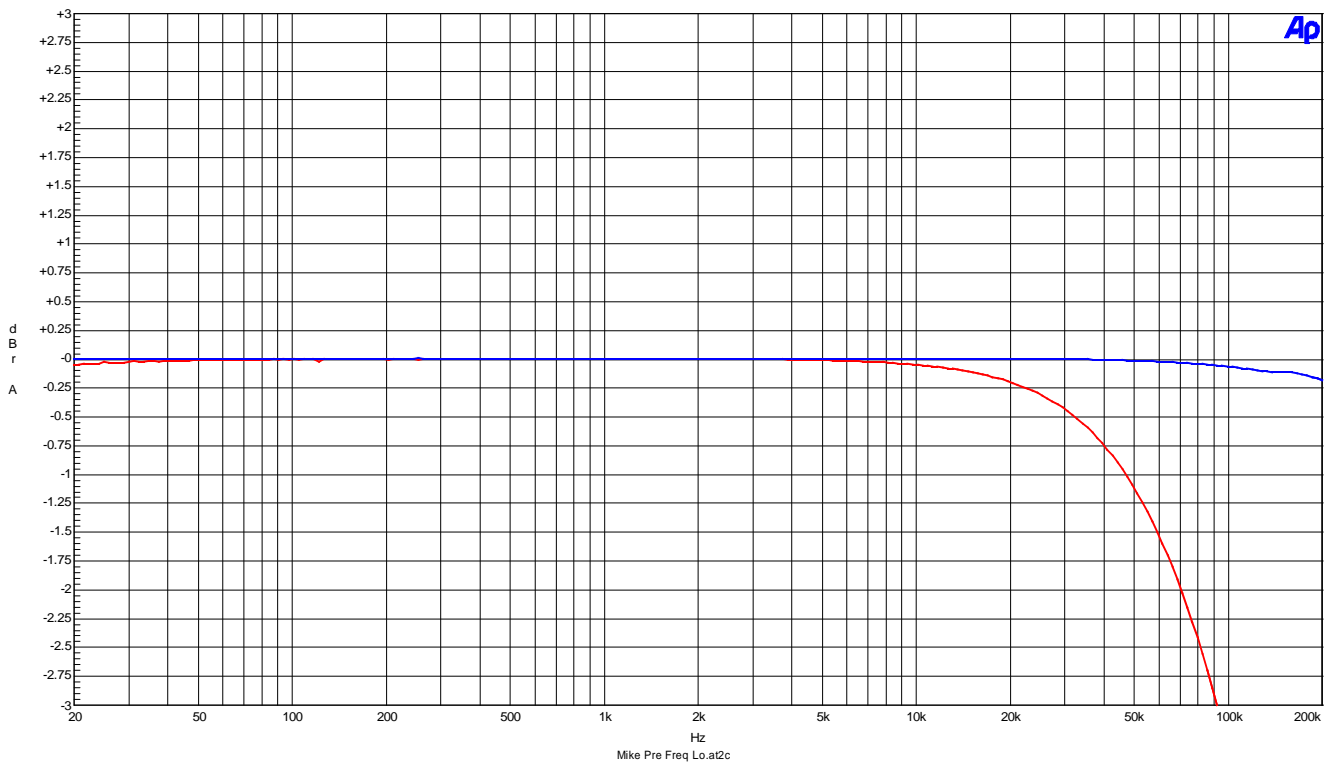
FFT plot 0 dBu output



Twin Tone (17KHz and 19KHz) FFT plot



EIN at max gain 20 Hz to 22 KHz



Freq Response at +6 dB gain (blue) and +60 dB gain (red)

General Specifications

Gain: + 6 dB to + 70 dB (gain range from +15 to +78 dB optional)

Input Impedance: 15k ohm

Output Impedance 50 ohms

Max output level : > +24 dBu in 600 ohm load

Min Output Load: 600 ohm

Frequency Response: +/- 1 dB 2 Hz to > 200 KHz (min gain)
+/- 1 dB 2 Hz to 50 KHz (max gain)

EIN: -129 dB (20 –22 KHz) or better

THD+N > 0.003 % 22 Hz to 22 KHz, 0 dBu to +24 dBu

IMD/DIM > 0.005% 0 dBu to +24 dBu

Power Consumption: 15 watts max