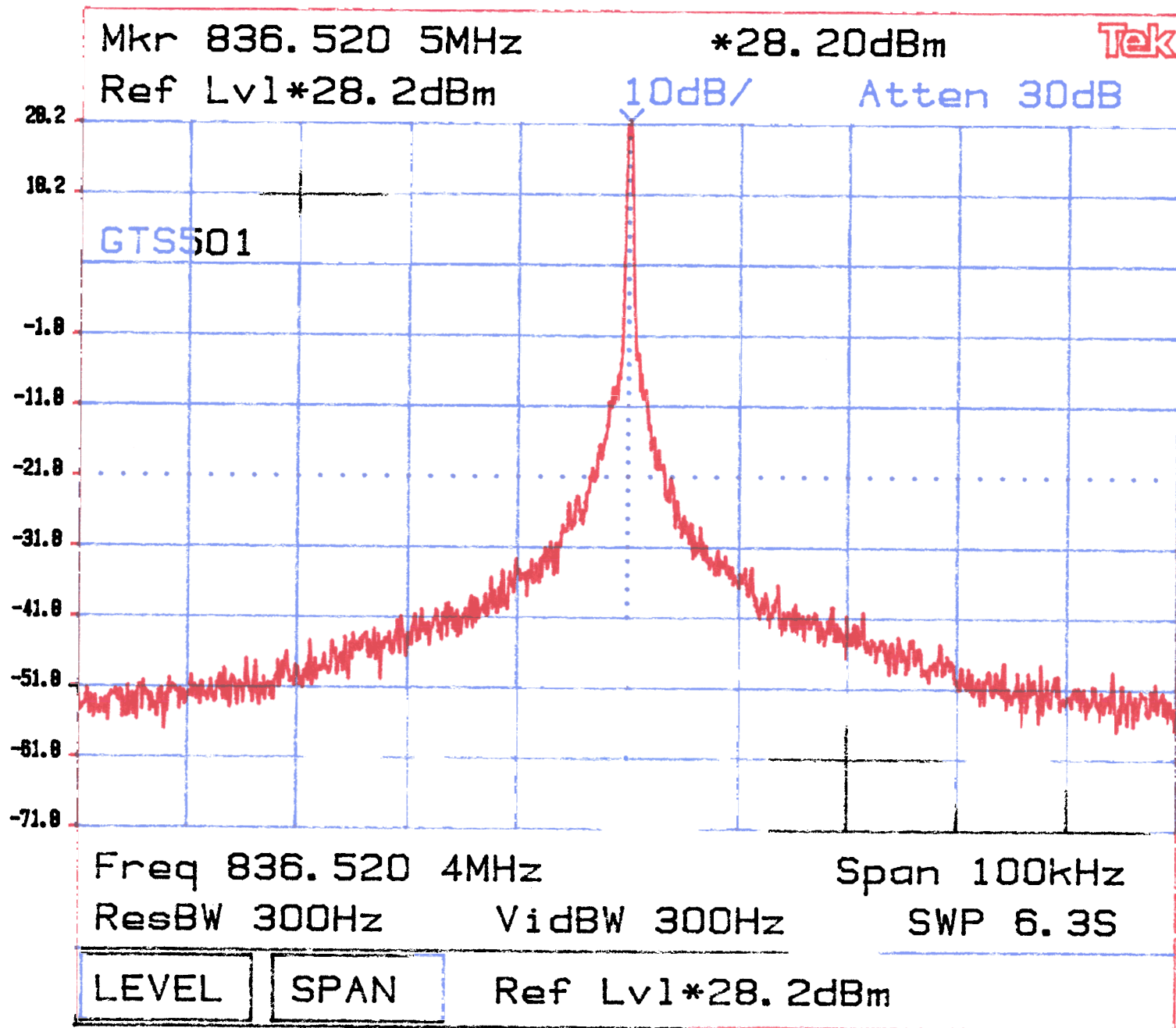




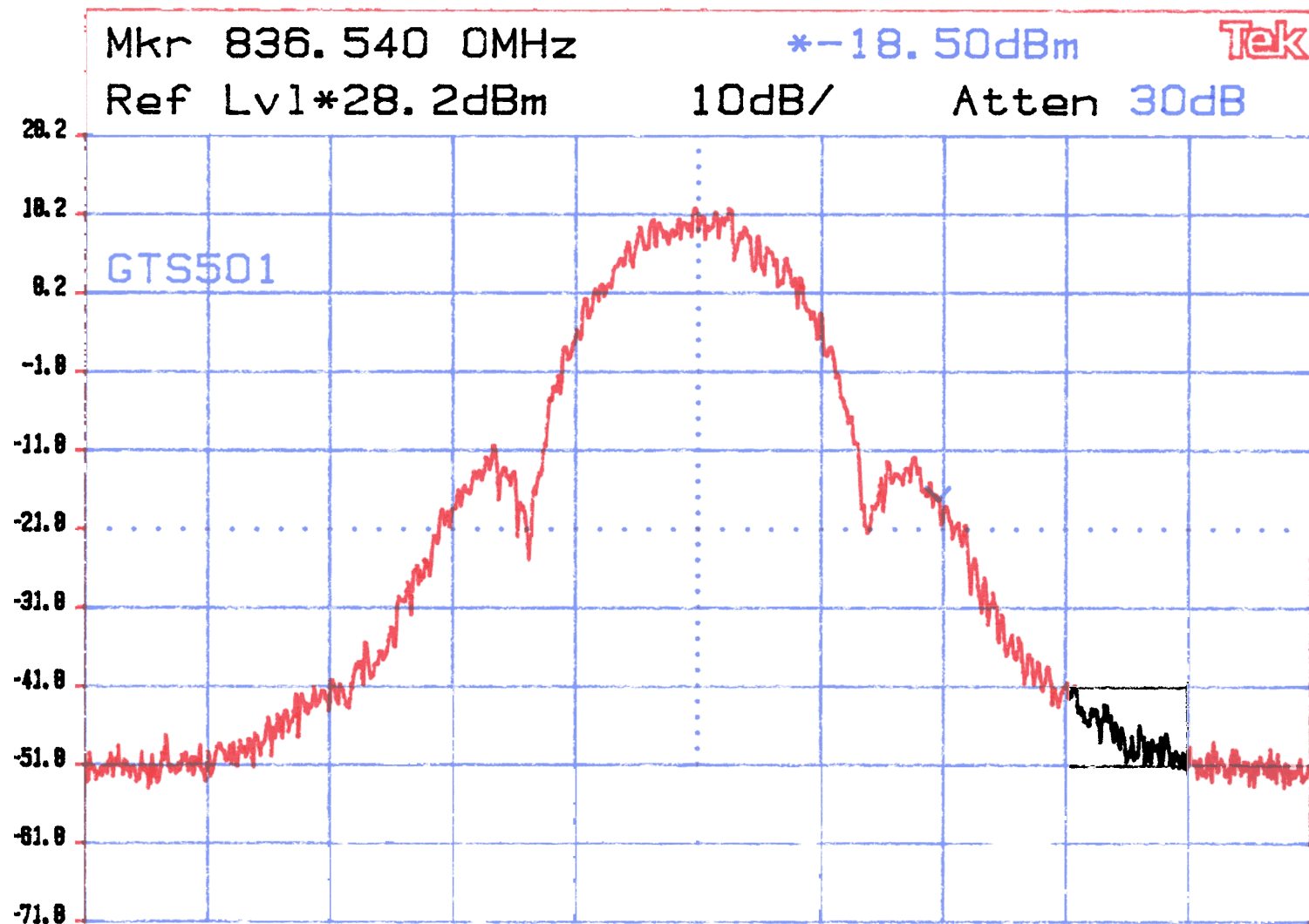
Plot 6.3a

KNOB 2

KNOB 1

KEYPAD

Tektronix



Freq 836.520 4MHz

Span 100kHz

ResBW 300Hz

VidBW 300Hz

SWP 6.35

LEVEL

SPAN

Ref Lvl*28.2dBm

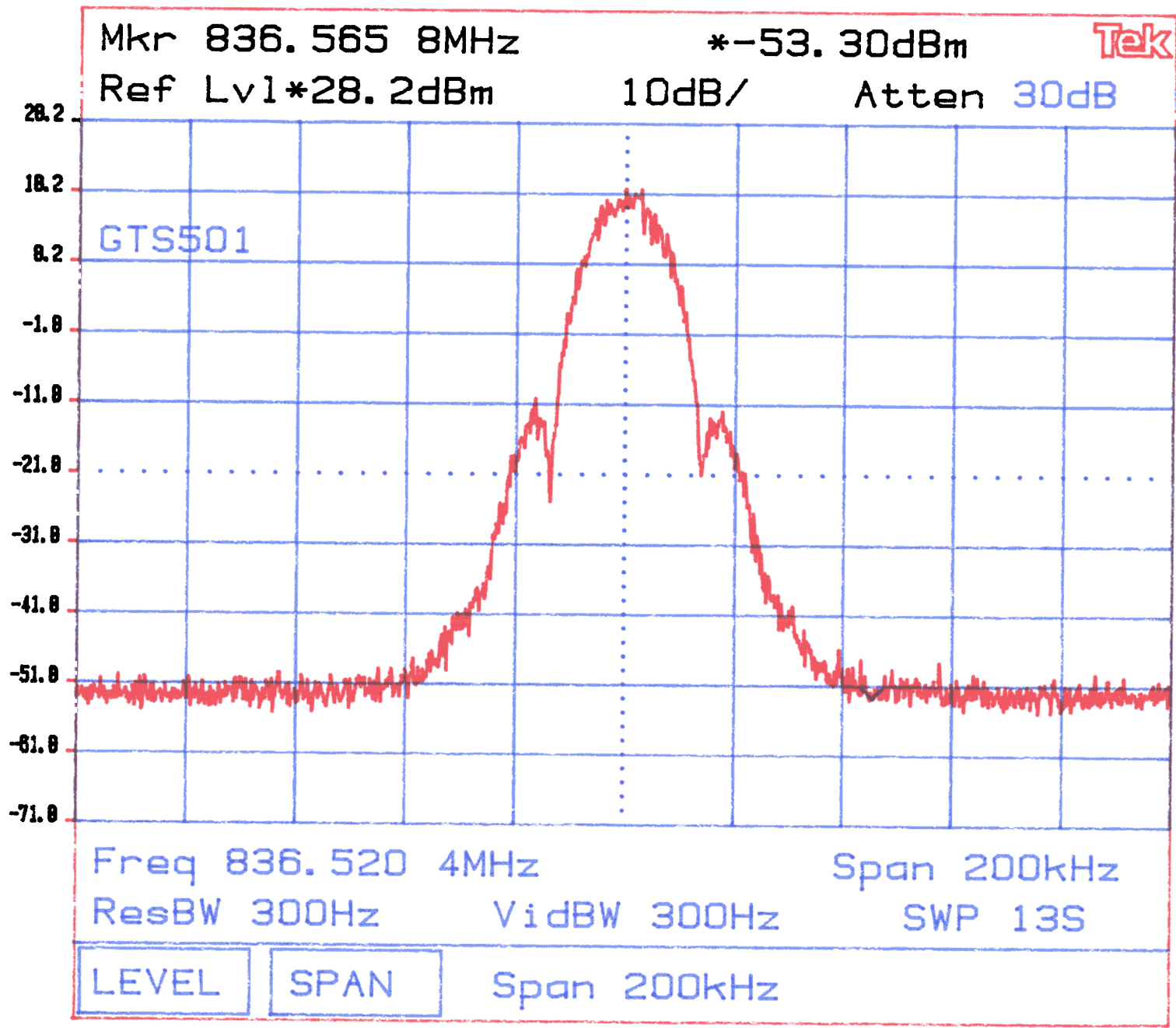
KNOB 2

KNOB 1

KEYPAD

Tektronix

2784



Plot 6.3c

Continental Divide Robotics, Model No: GTS501

Date of Test: 12/6-8/00 & 1/26-27/01

FCC ID: PI8SG501

7.0 Out of Band Emissions at Antenna Terminals

FCC 22.917(e), 22.917(f), 24.238(a), 24.238(a)

Out of Band Emissions

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency twice or more than twice the fundamental frequency by at least $43 + 10 \log (P)$ in dB.

Mobile Emissions in Base Frequency Range:

The mean power of any emissions appearing in the base station frequency range from cellular mobile transmitters operated must be attenuated to a level not to exceed -80 dBm at the transmit antenna connector.

7. Test Procedure

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 30 kHz. The audio modulating signal was adjusted like it is described in Section 6.1 of this report. Sufficient scans were taken to show the outband emissions if any up to 10th harmonic.

7.2 Test Equipment

HP 8566B Spectrum Analyzer

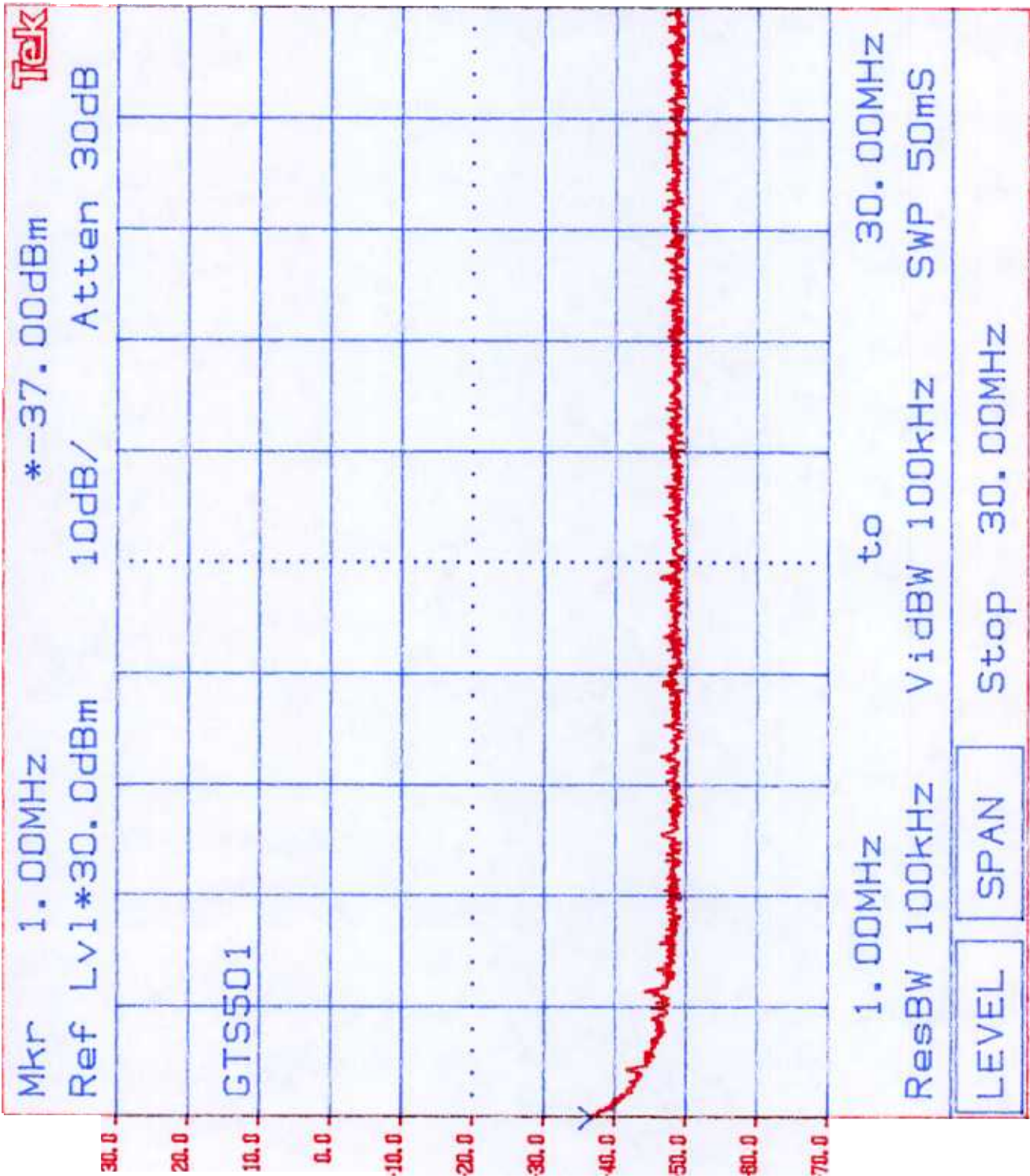
Leader LFG-1300S Function Generator

Leader LMV-182 AC Millivoltmeter

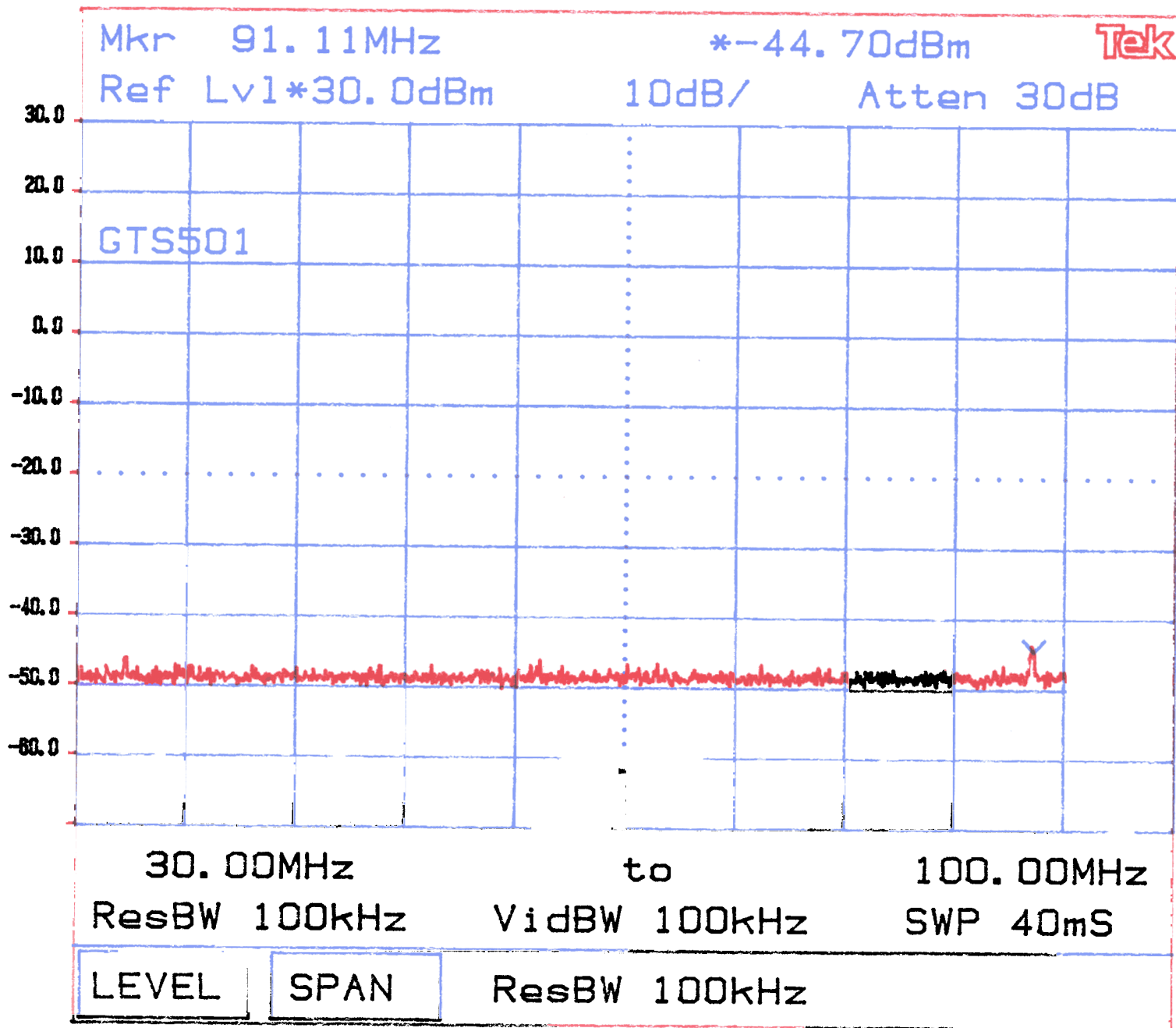
7.3 Test Results

Passed	Refer to the attached plots.
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Plot Number	Description
7.3.1.a - 7.3.1.g	Low Channel
7.3.2.a - 7.3.2.g	Middle Channel
7.3.3.a - 7.3.3.g	High Channel



Plot 7.3.12



Plot 7.3.1b

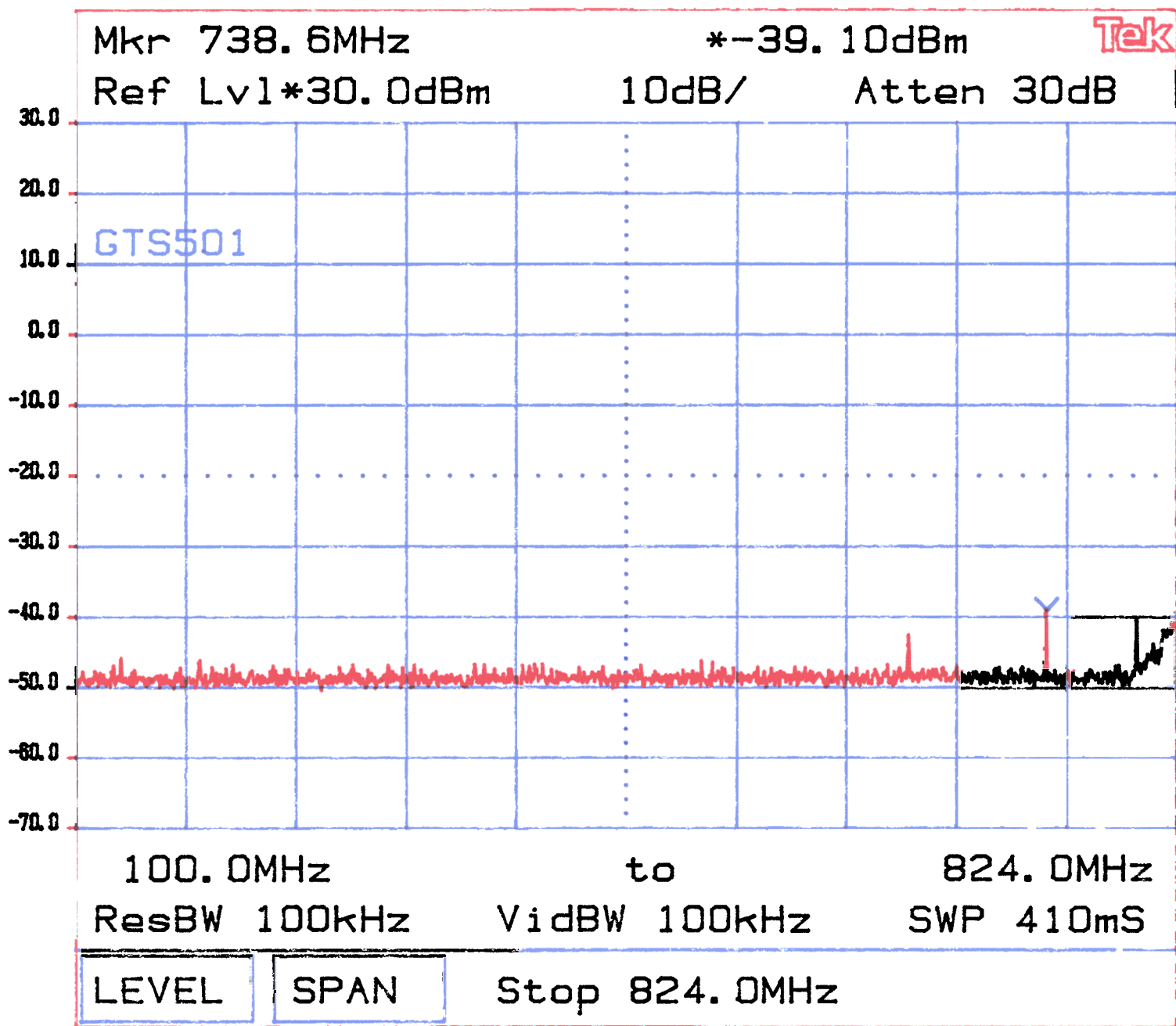
Knob 2

Knob 1

Keypad

Tektronix

2784



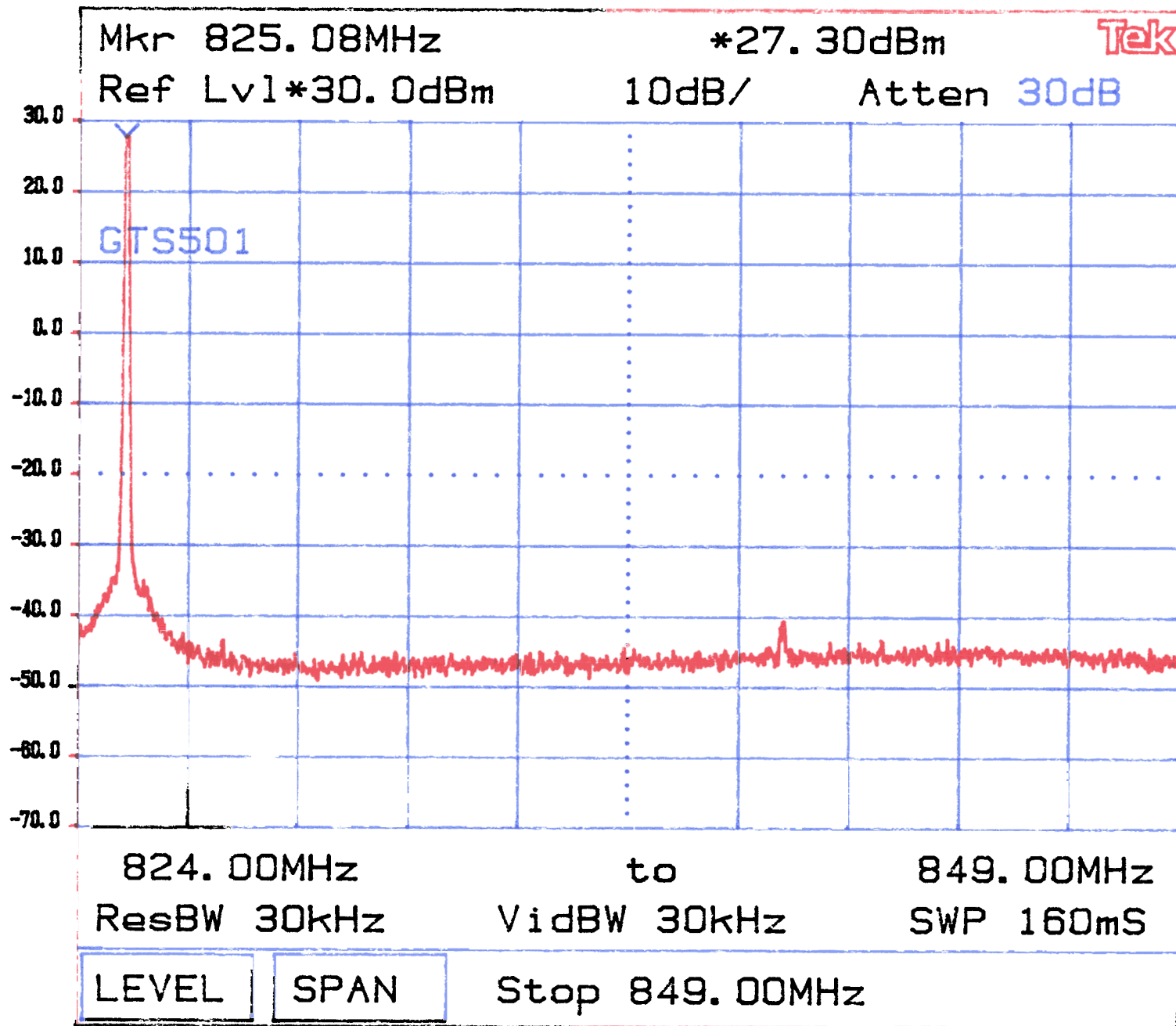
Knob 2

Knob 1

Keypad

Tektronix

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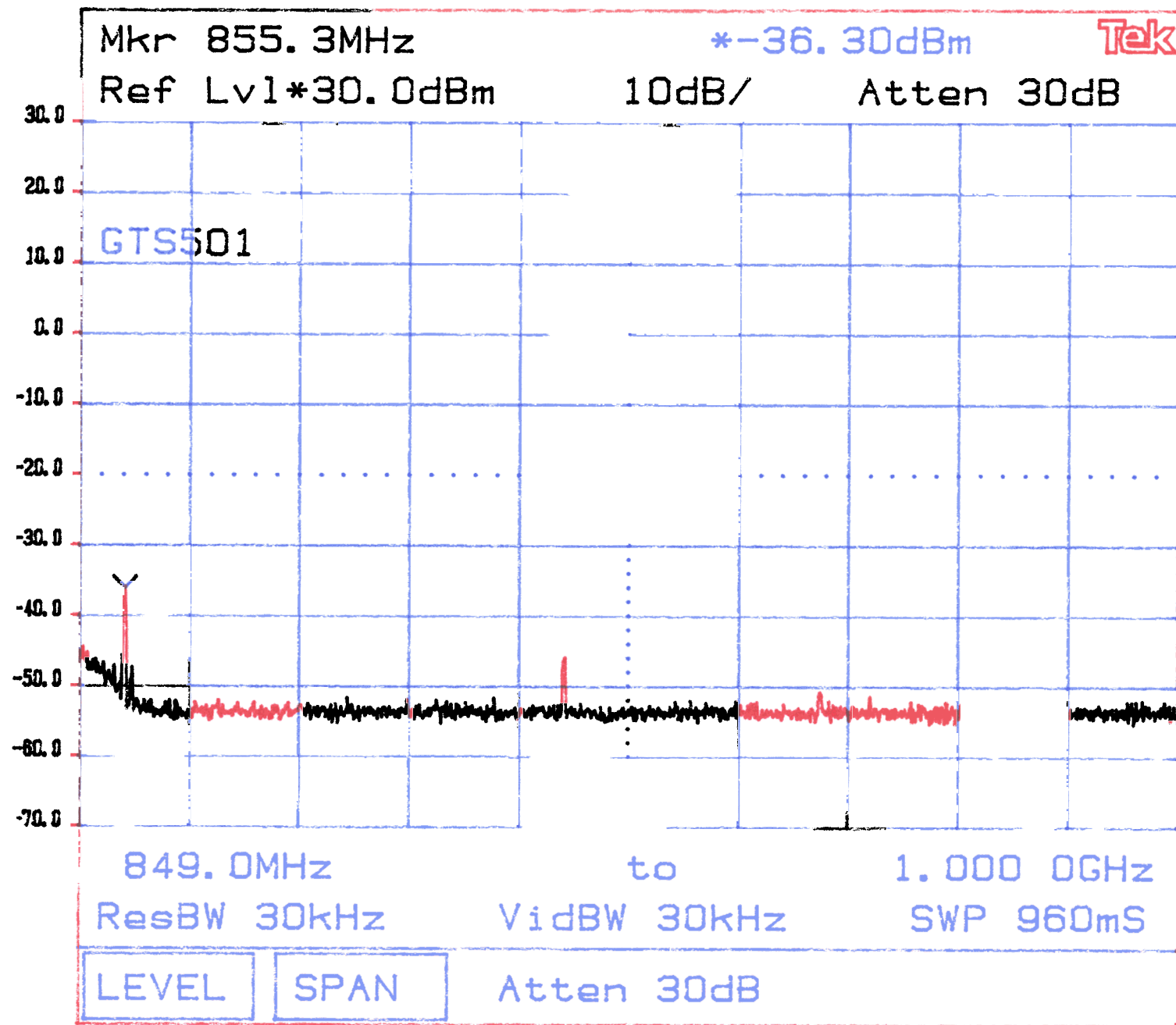
KNOB 2

KNOB 1

KEYPAD

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Plot 7.3.1e

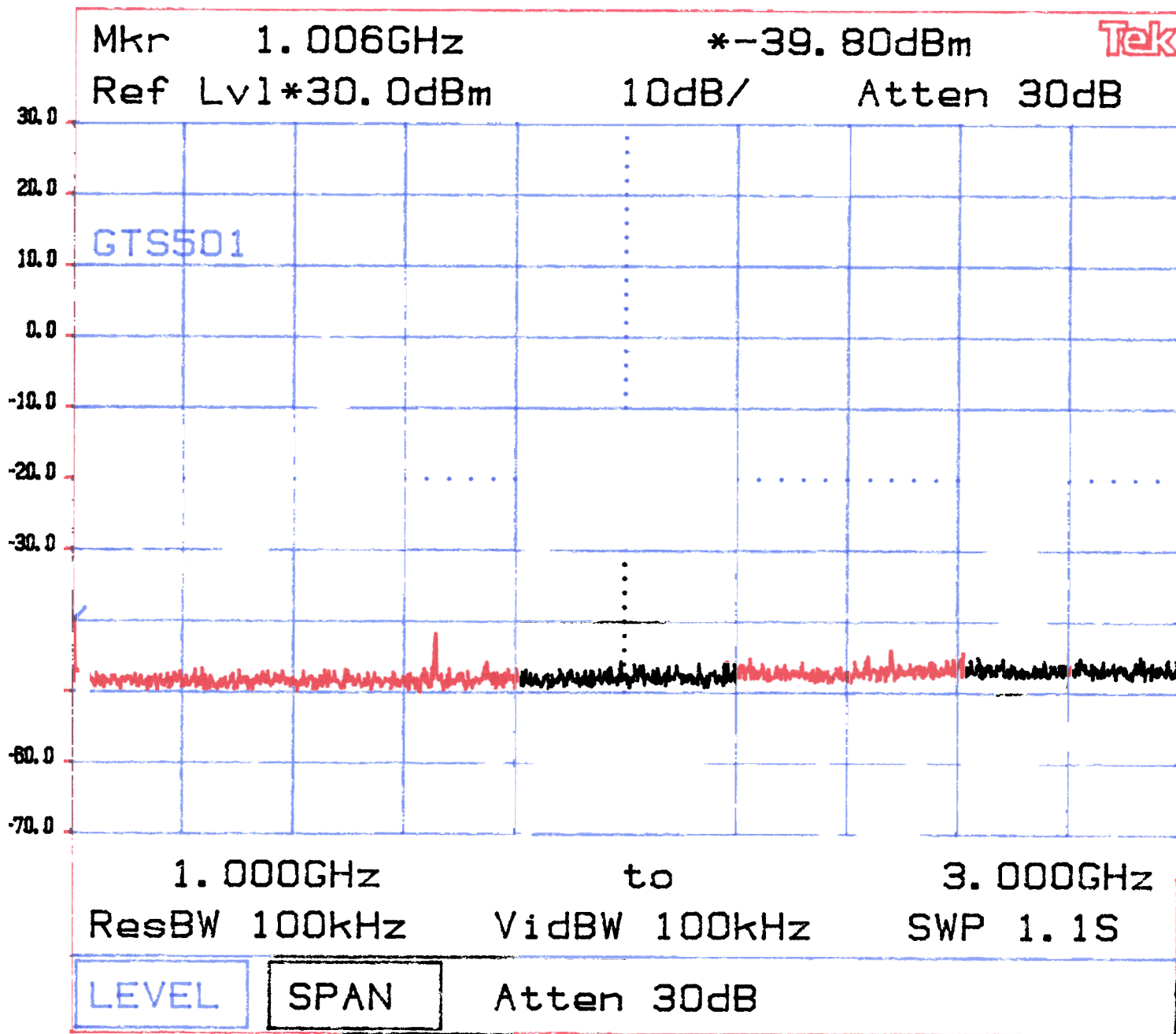
Knob 2

Knob 1

Keypad

Tektronix

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Plot 7.3.1f

KNOB 2

KNOB 1

KEYPAD

Tektronix

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