

RADIO FREQUENCY INVESTIGATION LTD.

Microwave Type Approval Department

Test Of: Raytheon Marine Pathfinder R75RC
To: FCC Part 80 and FCC Part 2

TEST REPORT

S.No. RFI/MICB2/RP38756JD01

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Issue Date: 25 May 1999

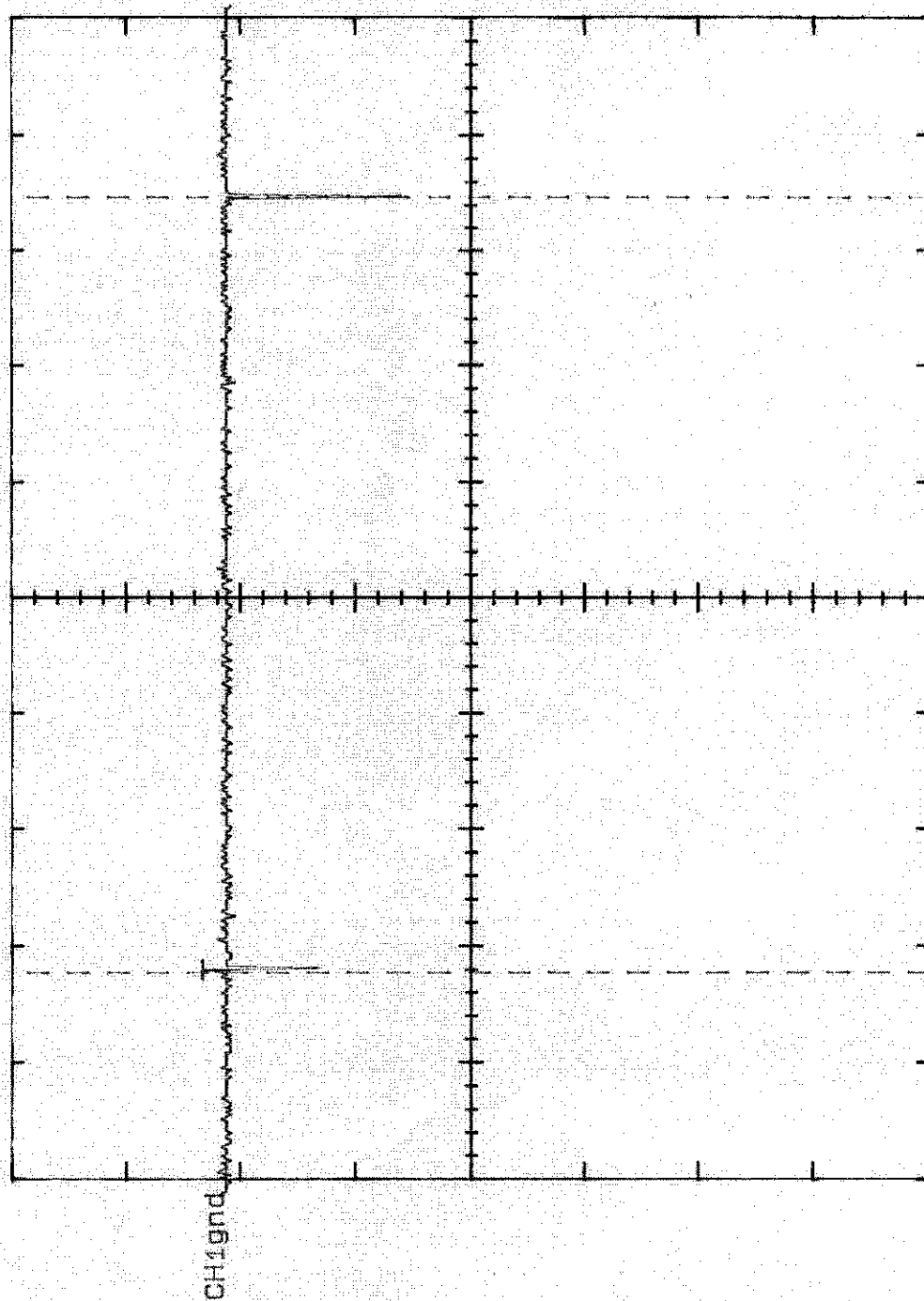
Appendix 4. Graphical Test Results

This appendix contains the following graphs:

Graph Reference Number	Title P.R.F Graphs
GPH/38756/001	60ns, 3 kHz PRF, ½ mile range
GPH/38756/002	90ns, 3 kHz PRF, ½ mile range, Pulse Expansion On
GPH/38756/003	150ns, 3 kHz PRF, ¾ mile range, Pulse Expansion On
GPH/38756/004	250ns, 3 kHz PRF, 1 ½ mile range
GPH/38756/005	350ns, 2 kHz PRF, 1 ½ mile range
GPH/38756/006	450ns, 1.6 kHz PRF, 3 mile range
GPH/38756/007	600ns, 1.2 kHz PRF, 3 mile range, Pulse Expansion On
GPH/38756/008	1ns, 740 Hz PRF, 6 mile range
Graph Reference Number	Title Radiated Spurious Emissions
GPH/38756/JD01/901	Spurious Emissions 8.2 GHz to 12.5 GHz
GPH/38756/JD01/902	Spurious Emissions 12.5 GHz to 18 GHz
GPH/38756/JD01/903	Spurious Emissions 18 GHz to 26.5 GHz
GPH/38756/JD01/904	Spurious Emissions 26.5 GHz to 40 GHz
GPH/38756/JD01/905	Spurious Emissions 40 GHz to 60 GHz
GPH/38756/JD01/906	Spurious Emissions 59 GHz to 74.999 GHz
GPH/38756/JD01/907	Spurious Emissions 74.999 GHz to 95.010 GHz
GPH/38756/JD01/908	Spurious Emissions 4 GHz to 6 GHz
GPH/38756/JD01/909	Spurious Emissions 6 GHz to 8.2 GHz
GPH/38756/JD01/910	Spurious Emissions 1 GHz to 2 GHz
GPH/38756/JD01/911	Spurious Emissions 2 GHz to 4 GHz
GPH/38756/JD01/912	Spurious Emissions 9 kHz to 150 kHz
GPH\38673\JD01\ETF01\005	Scan of radiated emissions, transmit mode (30 MHz to 1 GHz)
GPH\38673\JD01\ETF01\007	Scan of radiated emissions, transmit mode (150 MHz to 30 MHz)
Graph Reference Number	Title Conducted Spurious Emissions
GPH/38756/JD01/001	Spurious Emissions 9 kHz to 150 kHz
GPH/38756/JD01/002	Spurious Emissions 0.15 MHz to 30 MHz
GPH/38756/JD01/003	Spurious Emissions 30 MHz to 1 GHz
GPH/38756/JD01/004	Spurious Emissions 1 GHz to 8 GHz

CH1 500mV A 50 μ s -1.69 V VERT

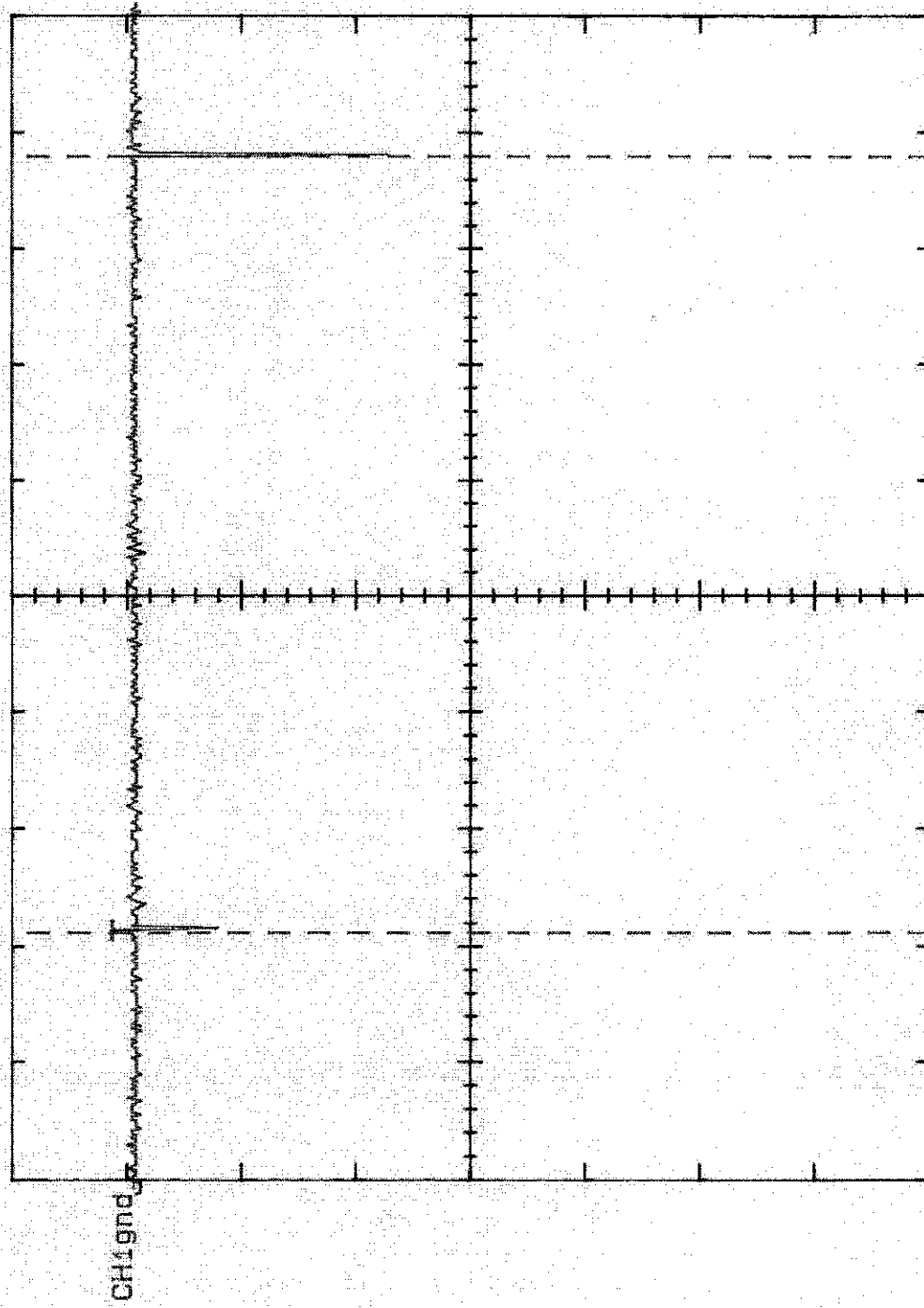
2.9895kHz



C1H/387561001

CH1 500mV A 504s -836mV VERT

2.9940kHz

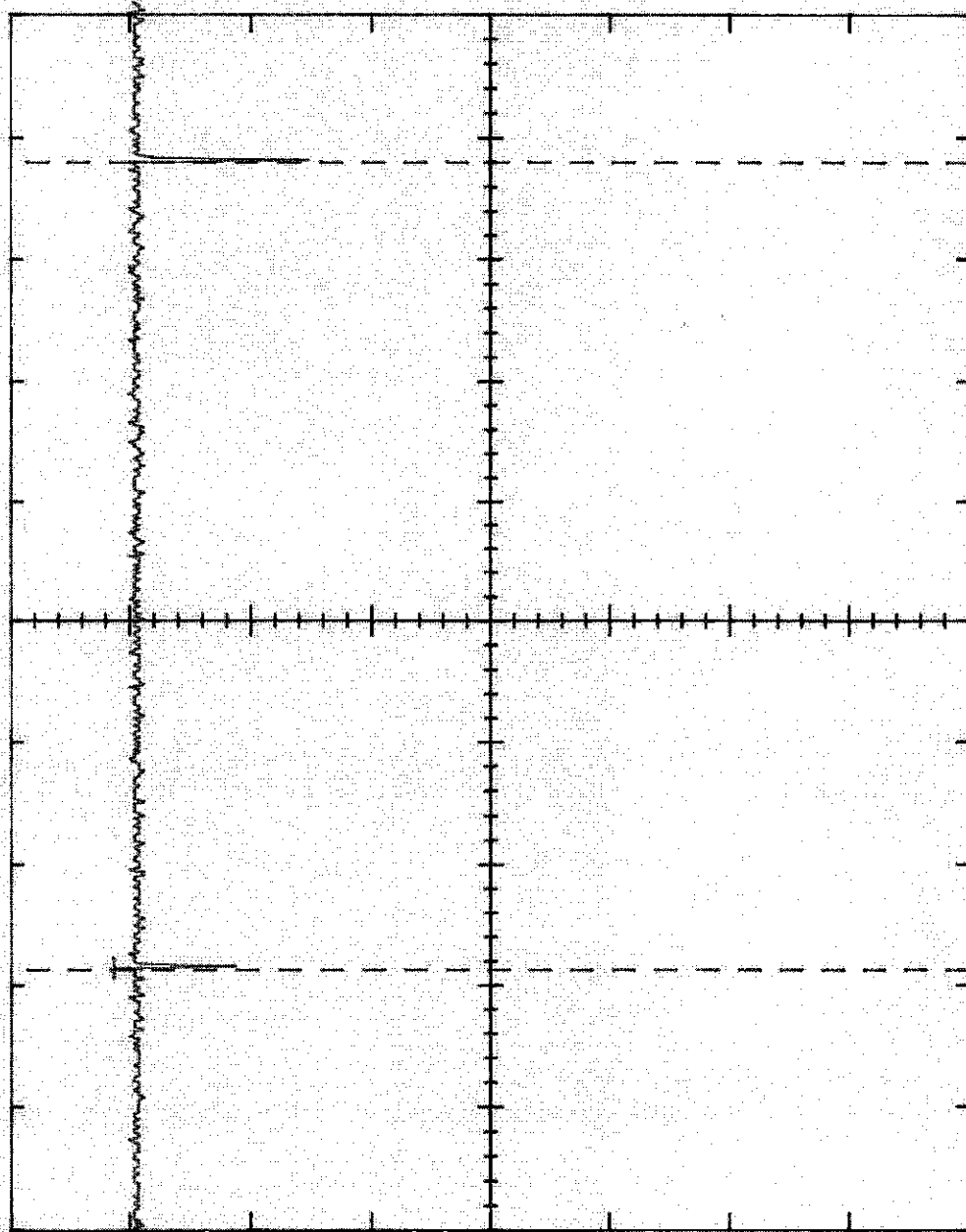


GPH/387561002

CH1 500mV A 50μs -828mV VERT

2.9985kHz

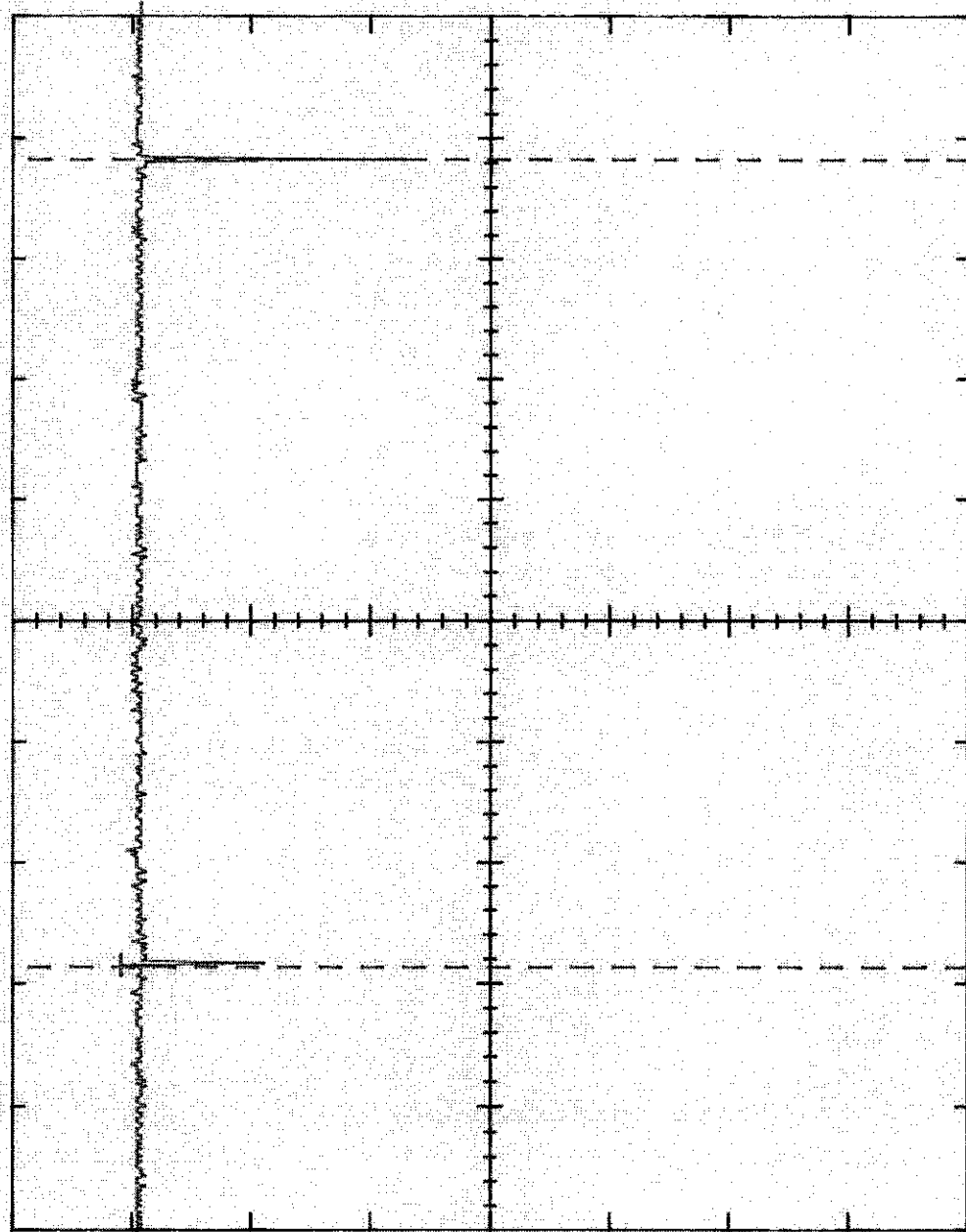
CH19nd



CPI/38756/003

CH1 500mV A 50 μ s -835mV VERT

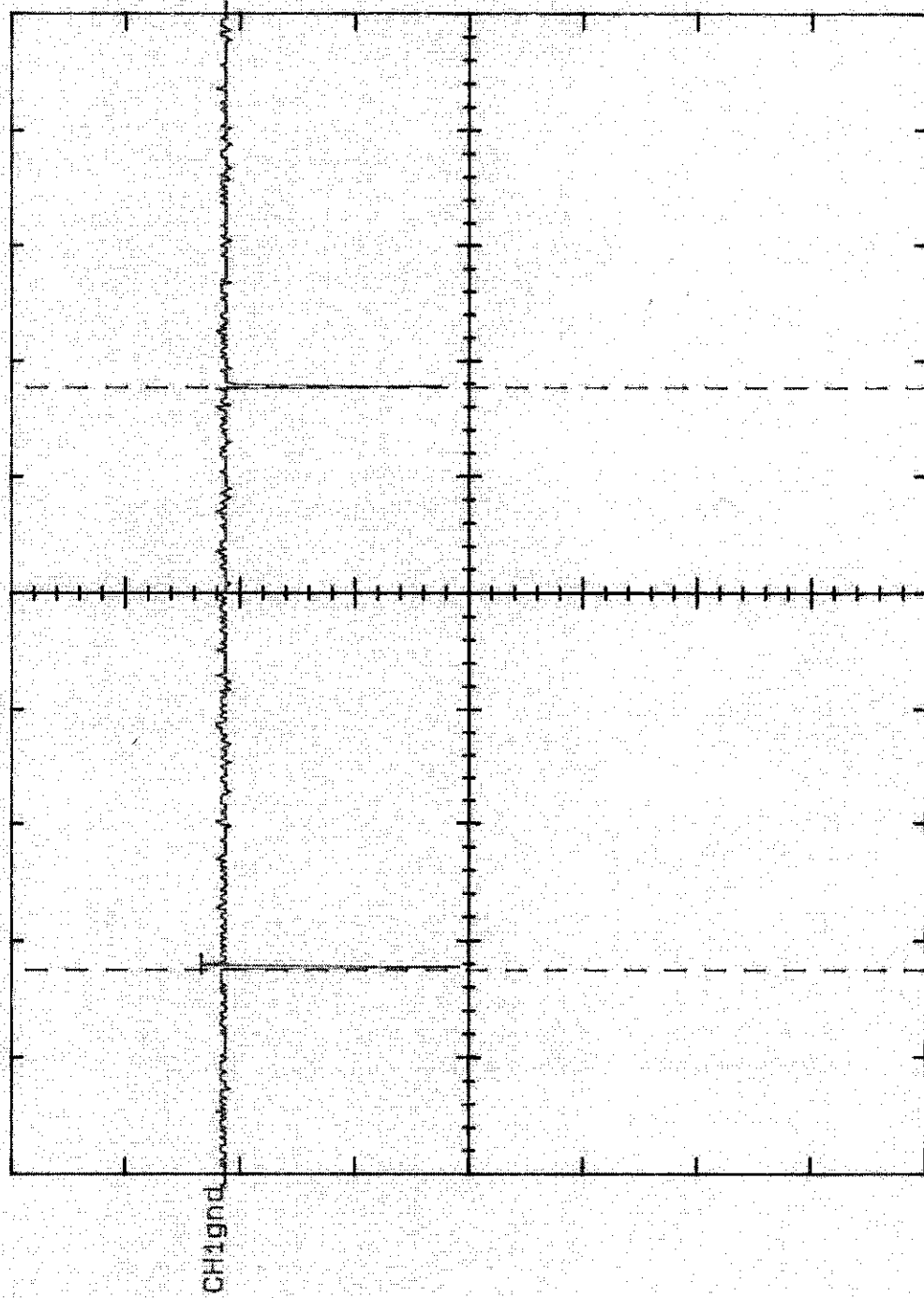
2.9895KHz



CPM/38756/004

CH1 500mV A 100 μ s -1.33 V VERT

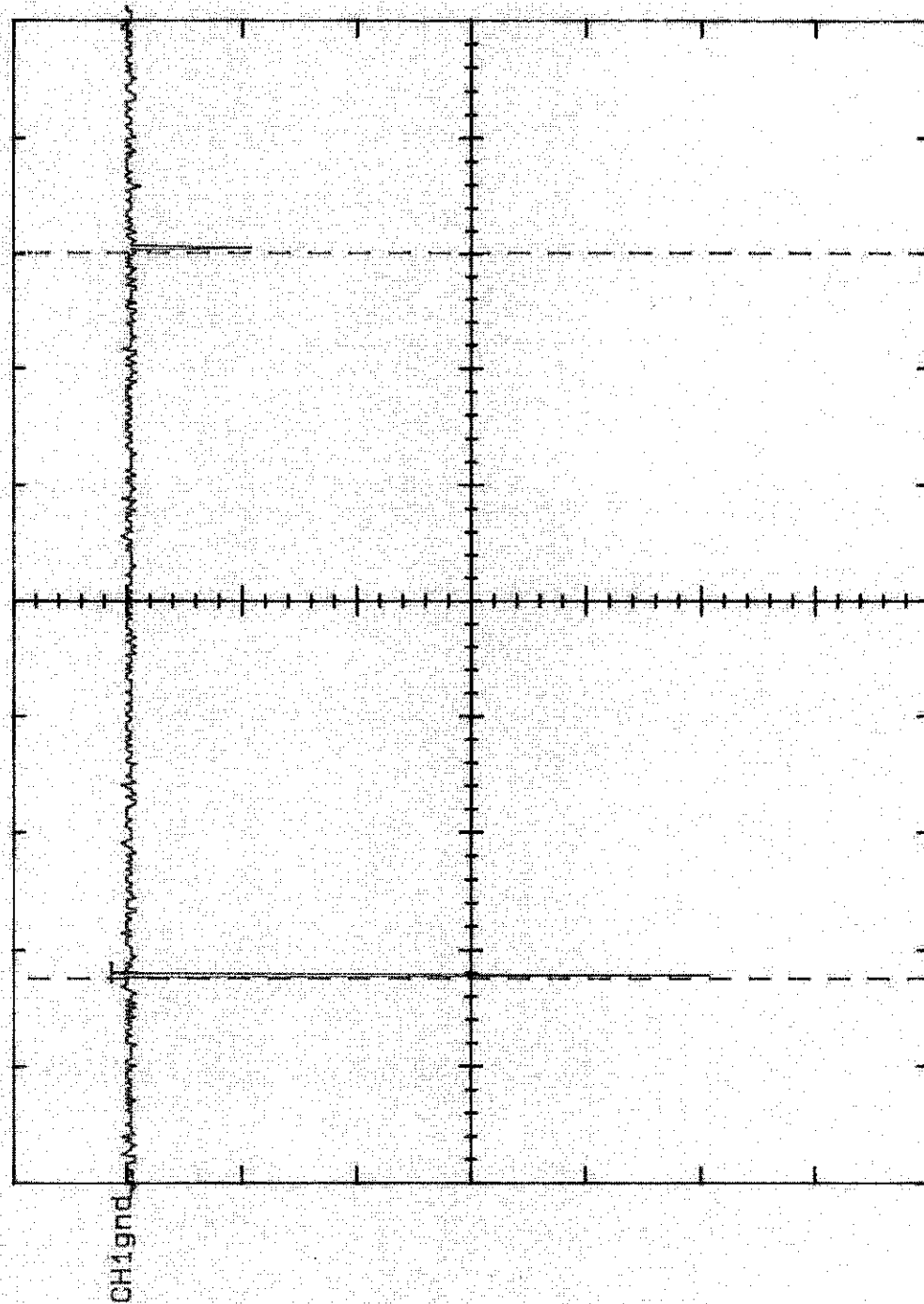
1.9920kHz



CIP1/38756/005

CH1 200mV A 100 μ s -984mV VERT

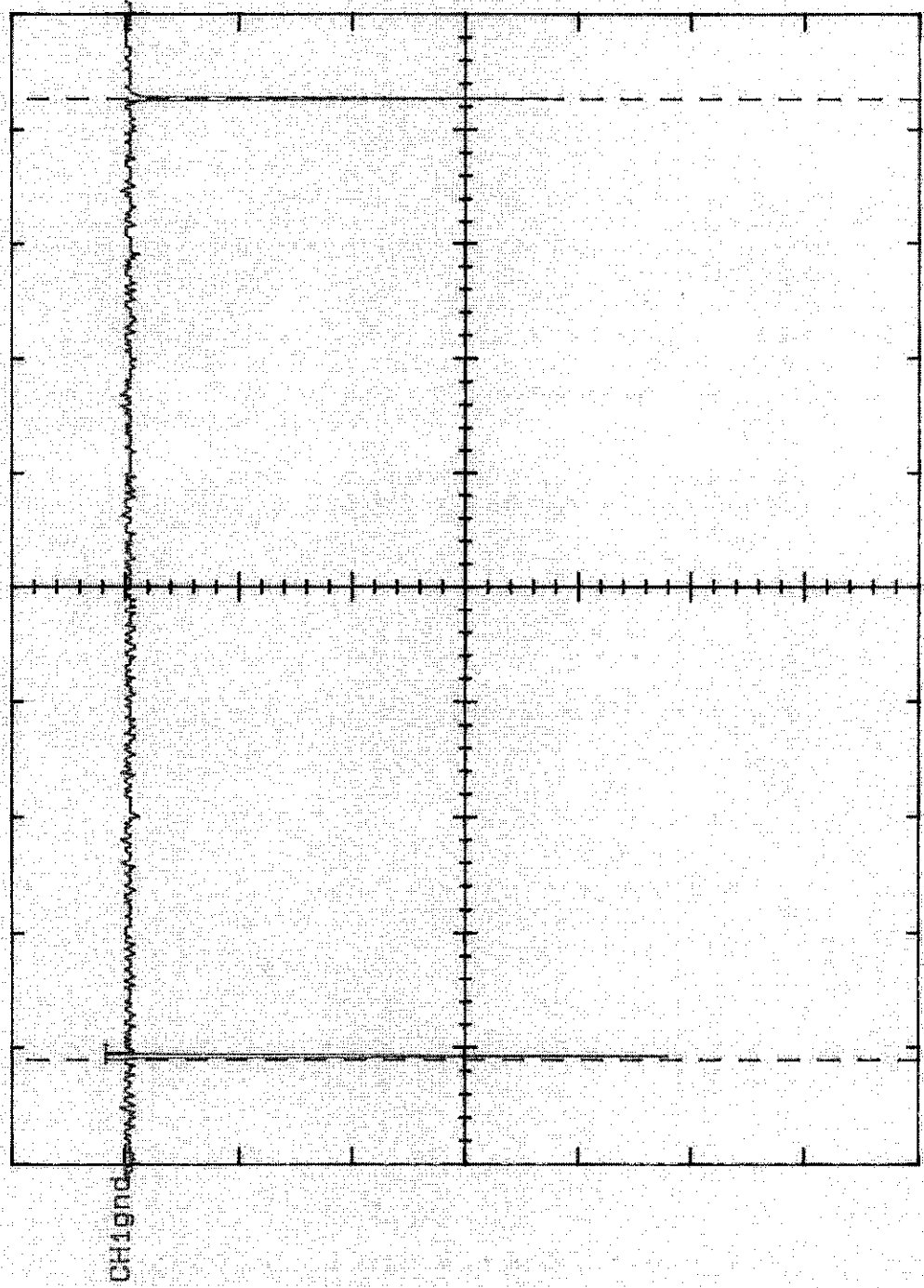
1.5000kHz



CP1/38756/006

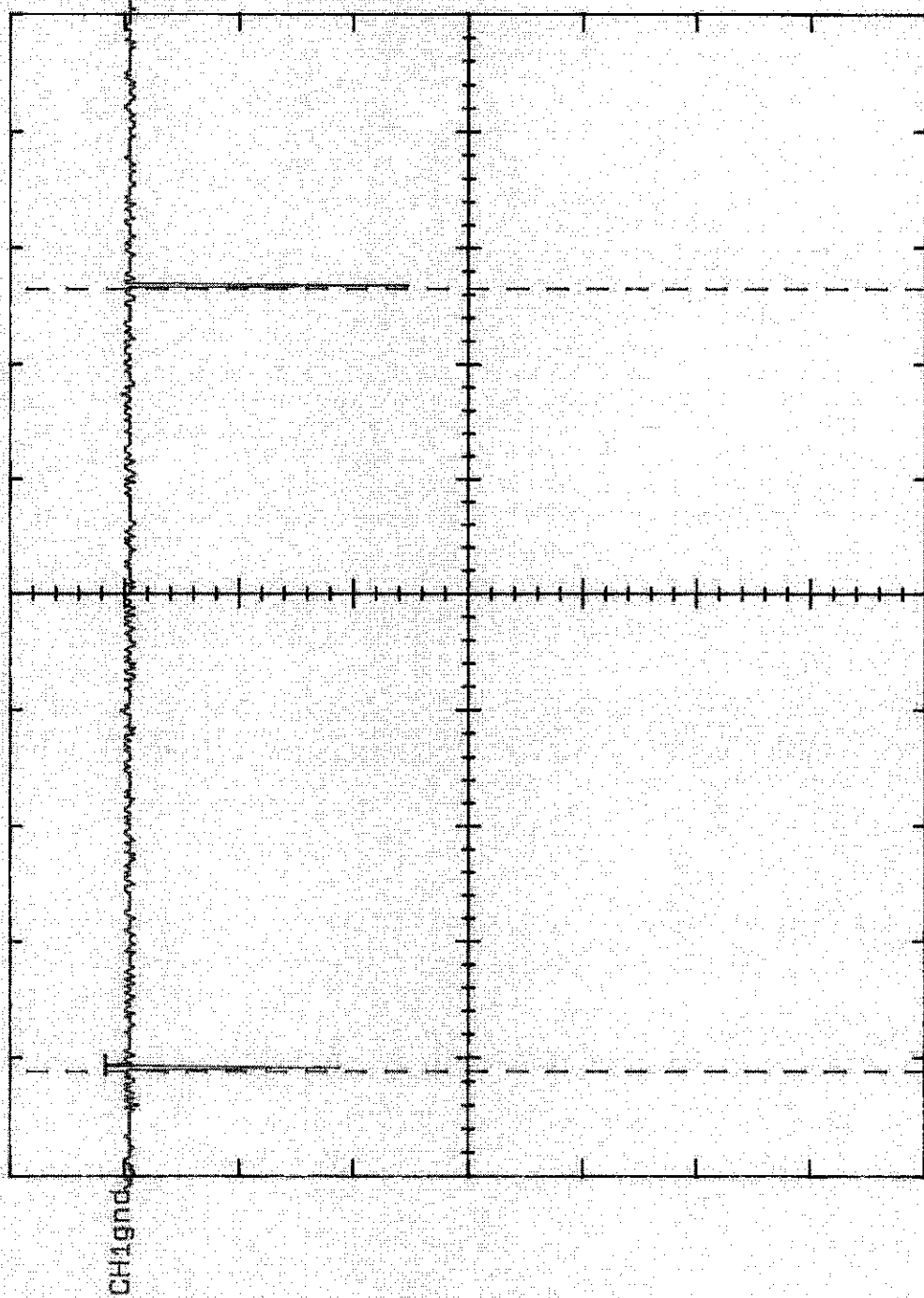
CH1 200mV A 100μs -984mV VERT

1.1947kHz



CPI/38756/007

CH1 500mV A 200 μ s -1.53 V VERT
739.65 Hz



CPI/387S6008