

CONDUCTED EMISSIONS

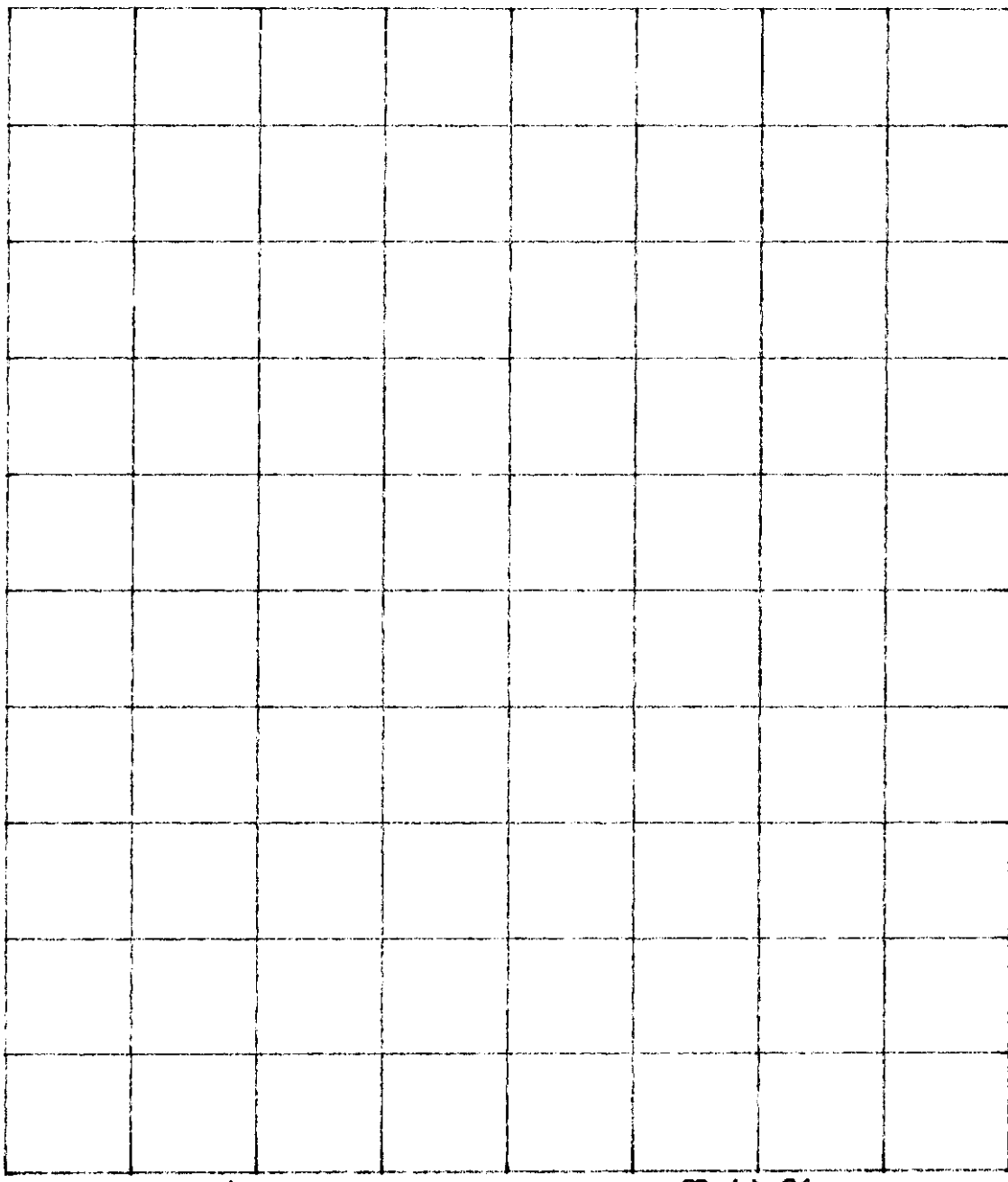
TEST DATA



Retlif Testing Laboratories

Test Report Number R-7514-1
FCC ID: CCR4ND

11:58:24 MAY 04, 1998
 R-7514 CR4ND COND. EMIS DC LEAD-HOT
 REF 85.0 dBµV AT 10 dB



PEAK
 LOG
 10
 dB/
 OFFST
 10.0
 dB
 DL
 48.0
 dBµV
 VA SB
 SC FC
 CORR

START 450 KHZ
 #RES BW 10 KHZ
 STOP 30.00 MHZ
 #SWP 20.0 sec
 VBW 30 KHZ

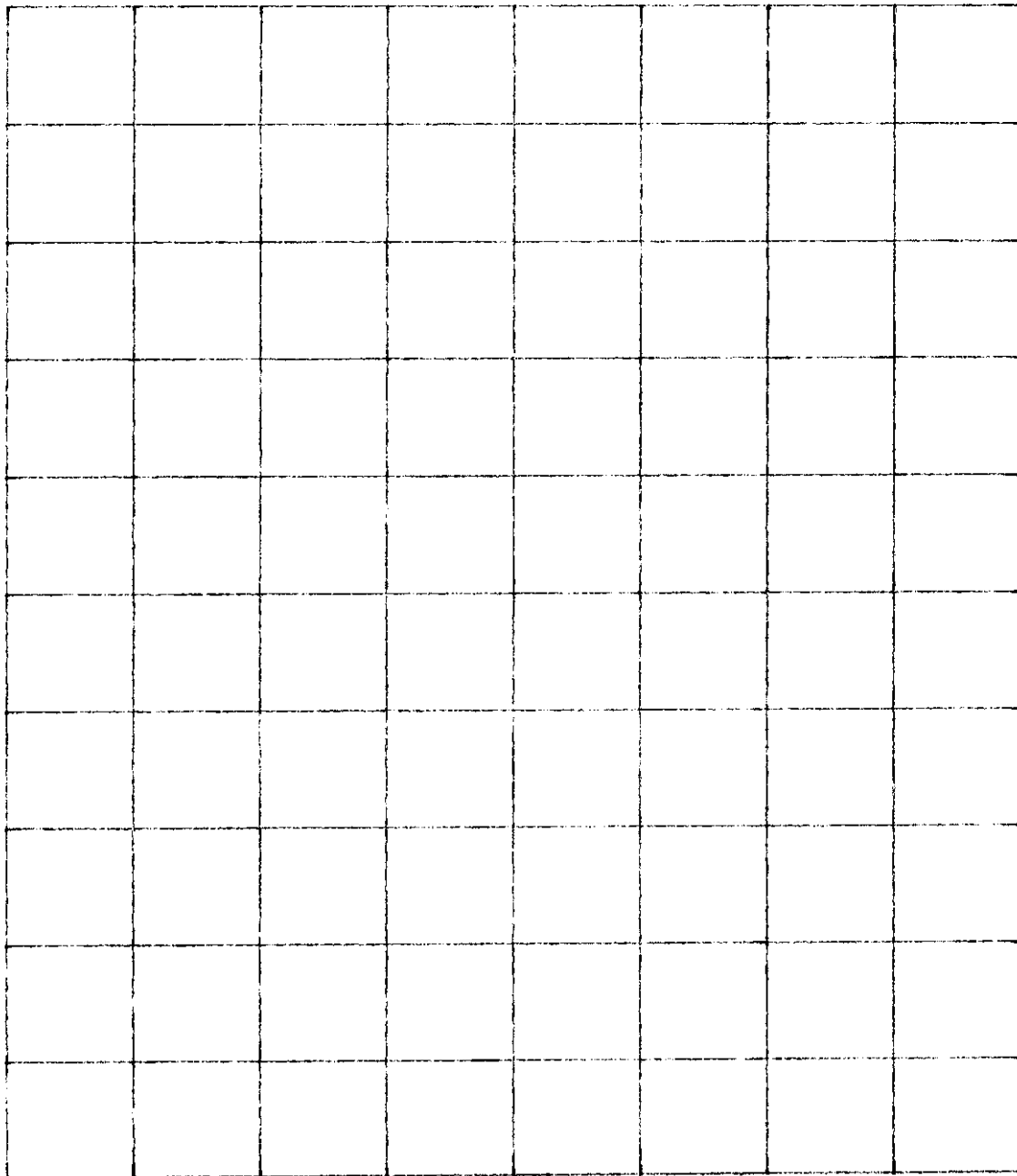
Customer:	Samson Technologies Corp.
Test Sample:	174.1 Mhz Superheterodyne Receiver
Model No.:	CR4ND FCC ID: CCRCR4ND
Test Method:	FCC 15.107(a) Conducted Emissions
Notes:	Lead Tested: Hot Detector: Peak
Date:	April 4, 1998
Tech:	Dennis Cortes
Sheet	1 of 2



Retlif Testing Laboratories

Report No. R-7514-1

12:06:37 MAY 04, 1998
 R-7514 CR4ND COND. EMIS DC LEAD-NEUTRAL
 REF 85.0 dB μ V AT 10 dB



PEAK
 LOG
 10
 dB/
 OFFST
 10.0
 dB
 DL
 48.0
 dB μ V

VA SB
 SC FC
 CORR

START 450 KHZ
 #RES BW 10 KHZ
 STOP 30.00 MHZ
 #SWP 20.0 sec
 VBW 30 KHZ

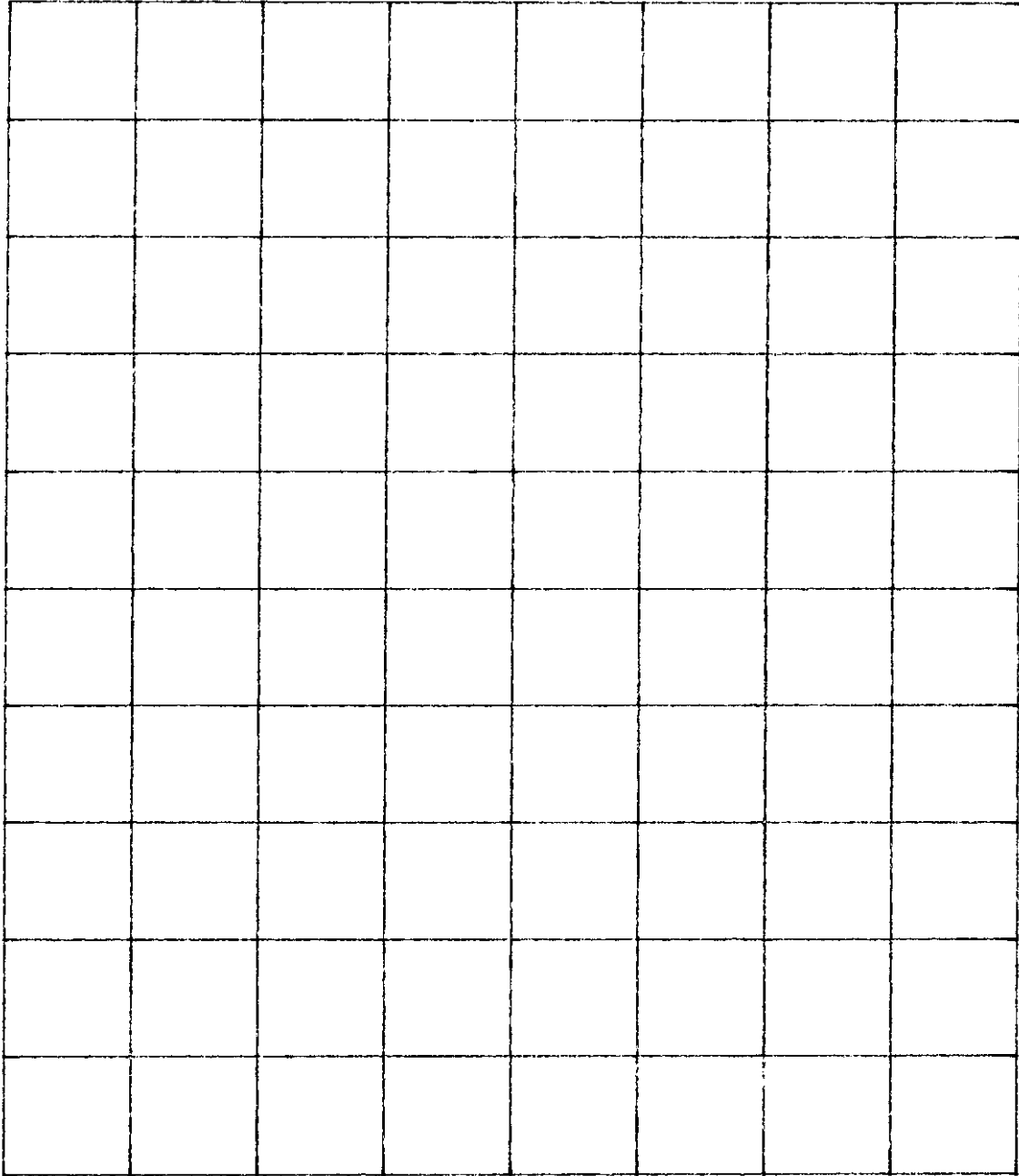
Customer:	Samson Technologies Corp.
Test Sample:	174.1 Mhz Superheterodyne Receiver
Model No:	CR4ND FCC ID: CCRCR4ND
Test Method:	FCC 15.107(a) Conducted Emissions
Notes:	Lead Tested: Neutral Detector: Peak
Date:	April 4, 1998
Tech:	Dennis Cortes
Sheet:	2 of 2



Retlif Testing Laboratories

Report No. R-7514-1


11:49:05 MAY 04, 1998
 R-7514 CR4ND COND. EMIS DC LEAD-HOT
 REF 85.0 dBμV AT 10 dB



PEAK
 LOG
 10
 dB/
 OFFST
 10.0
 dB
 DL
 48.0
 dBμV
 VA SB
 SC FC
 CORR

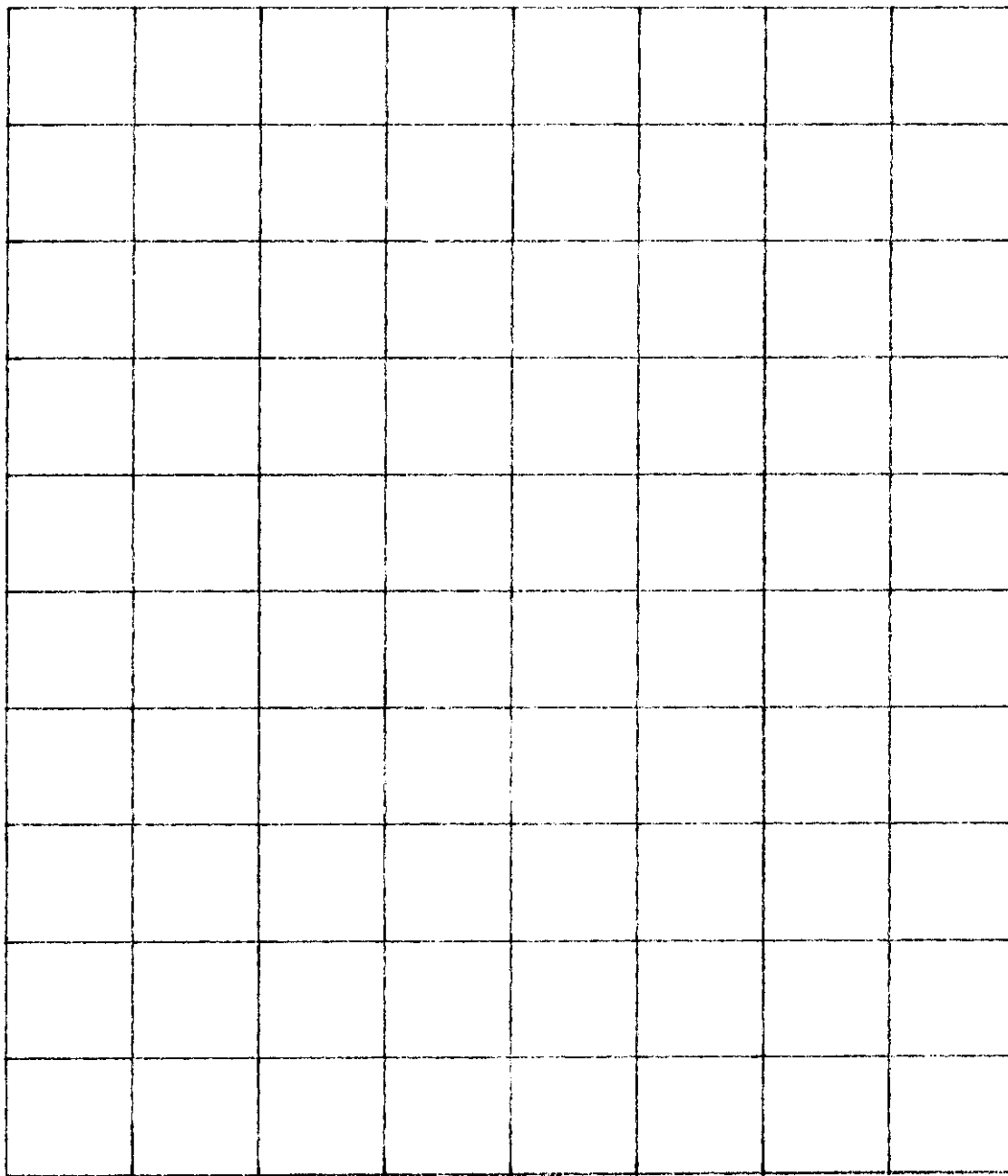
START 450 KHZ
 #RES BW 10 KHZ
 STOP 30.00 MHZ
 #SWP 20.0 sec
 VBW 30 KHZ

Customer: Samson Technologies Corp.
 Test Sample: 195.2 Mhz Superheterodyne Receiver
 Model No: CR4ND FCC ID: CCRCR4ND
 Test Method: FCC 15.107(a) Conducted Emissions
 Notes: Lead Tested: Hot
 Detector: Peak
 Date: April 4, 1998 Tech: Dennis Cortes Sheet 1 of 2



Retlif Testing Laboratories
 Report No. R-7514-1

11:46:24 MAY 04, 1998
 R-7514 CR4ND COND. EMIS DC LEAD-NEUTRAL
 REF 85.0 dBμV AT 10 dB



PEAK
 LOG
 10
 dB/
 OFFST
 10.0
 dB
 DL
 48.0
 dBμV
 VA SB
 SC FC
 CORR

START 450 KHZ
 #RES BW 10 KHZ
 STOP 30.00 MHz
 #SWP 20.0 sec
 VBW 30 KHZ

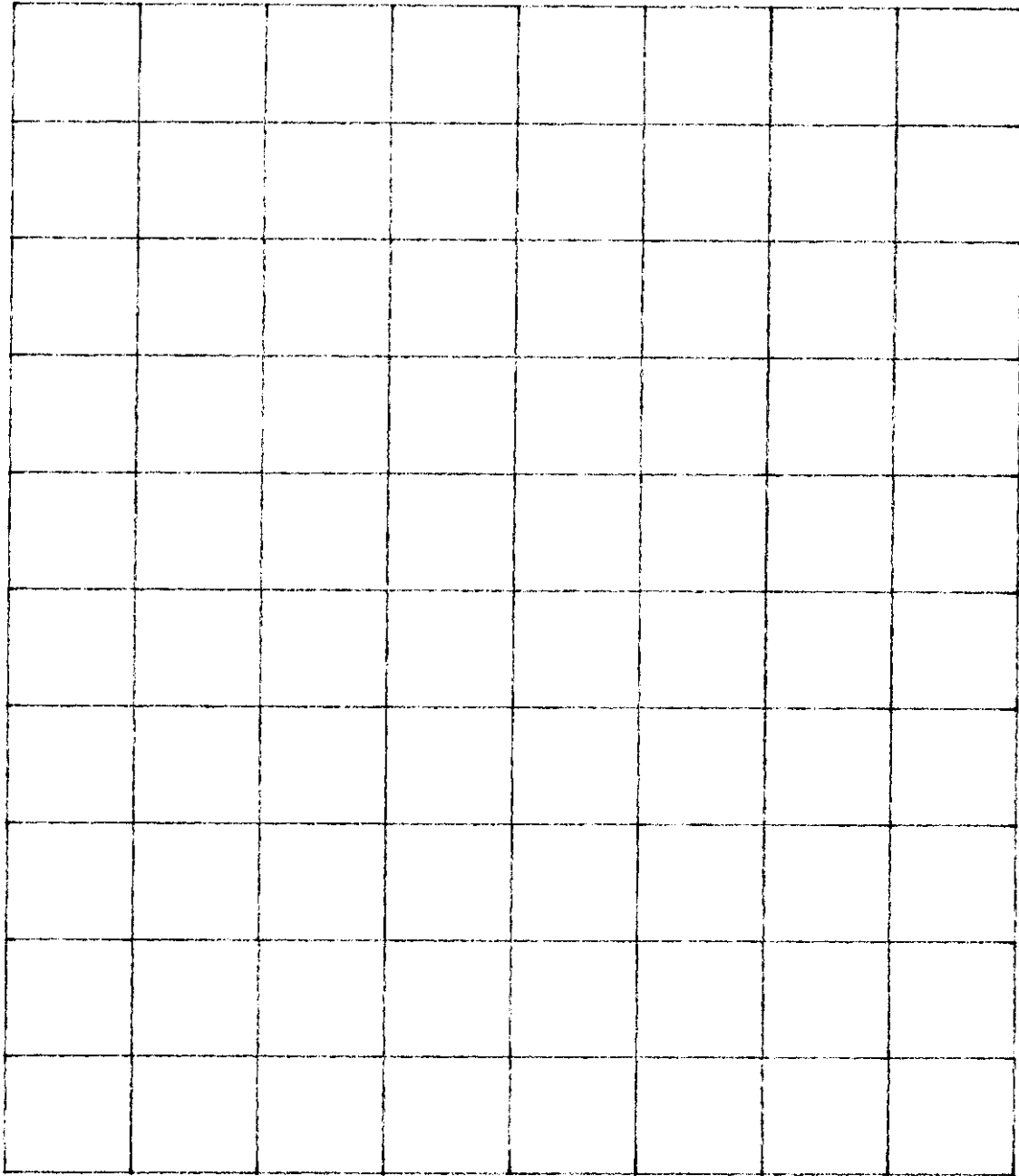
Customer:	Samson Technologies Corp.		
Test Sample:	195.2 Mhz Superheterodyne Receiver		
Model No:	CR4ND	FCC ID:	CCRCR4ND
Test Method:	FCC 15.107(a) Conducted Emissions		
Notes:	Lead Tested: Neutral Detector: Peak		
Date:	April 4, 1998	Tech:	Dennis Cortes
Sheet:	2	of:	2



Retlif Testing Laboratories

Report No. R-7514-1


12:18:14 MAY 04, 1998
 R-7514 CR4ND COND. EMIS DC LEAD-HOT
 REF 85.0 dBμV AT 10 dB



PEAK
 LOG
 10
 dB/
 OFFST
 10.0
 dB
 DL
 48.0
 dBμV
 VA SB
 SC FC
 CORR

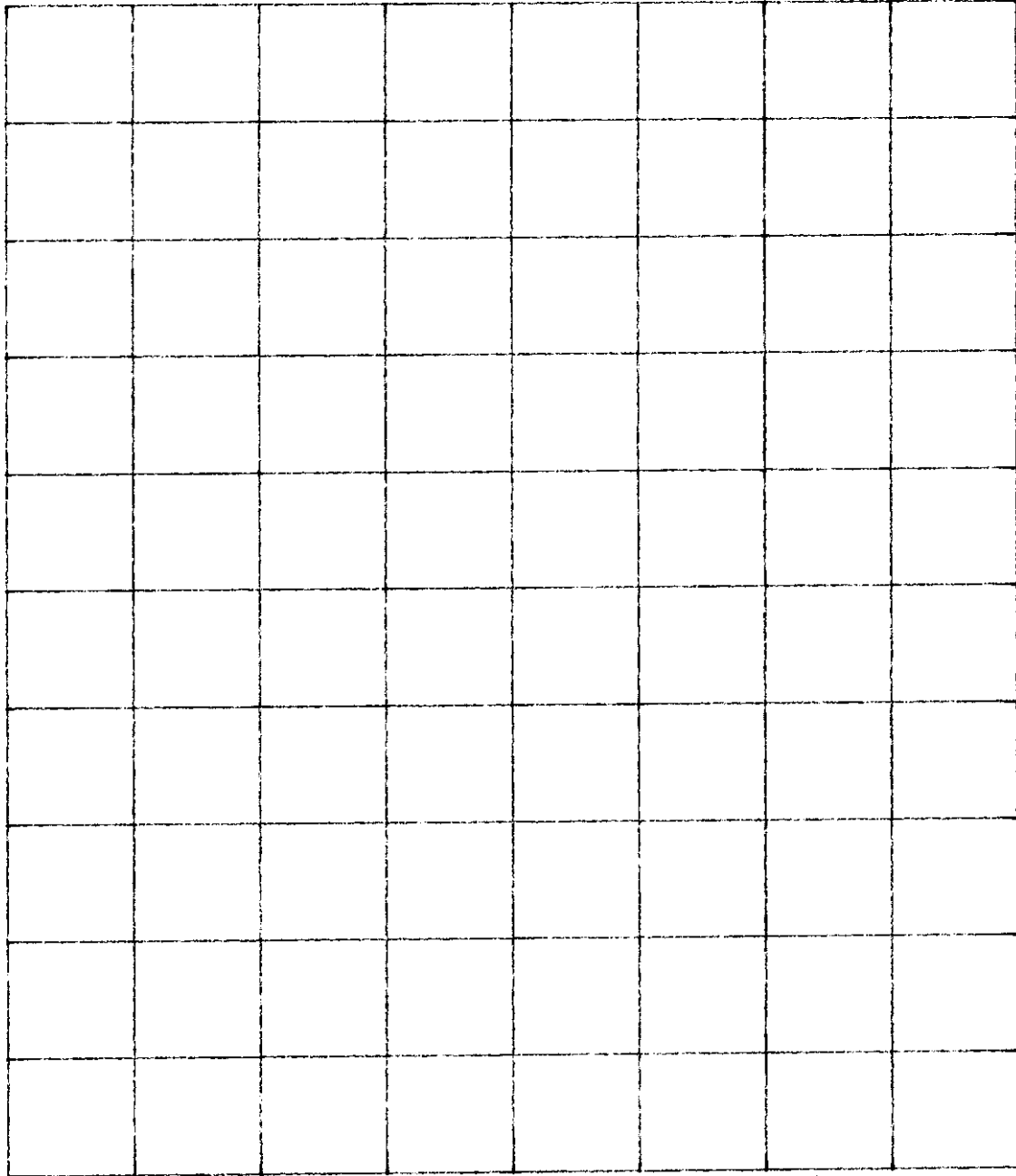
START 450 KHZ
 #RES BW 10 KHZ
 VBW 30 KHZ
 STOP 30.00 MHZ
 #SWP 20.0 sec

Customer: Samson Technologies Corp.
 Test Sample: 213.2 Mhz Superheterodyne Receiver
 Model No: CR4ND FCC ID: CCR4ND
 Test Method: FCC 15.107(a) Conducted Emissions
 Notes: Lead Tested: Hot
 Detector: Peak
 Date: April 4, 1998 Tech: Dennis Cortes Sheet 1 of 2



Retlif Testing Laboratories
 Report No. R-7514-1

12:15:40 MAY 04, 1998
 R-7514 CR4ND COND. EMIS DC LEAD-NEUTRAL
 REF 85.0 dB μ V AT 10 dB



PEAK
 LOG
 10
 dB/
 OFFST
 10.0
 dB
 DL
 48.0
 dB μ V
 VA SB
 SC FC
 CORR

START 450 KHZ
 #RES BW 10 KHZ
 STOP 30.00 MHZ
 #SWP 20.0 sec
 VBW 30 KHZ

Customer:	Samson Technologies Corp.
Test Sample:	213.2 Mhz Superheterodyne Receiver
Model No:	CR4ND FCC ID: CCR4ND
Test Method:	FCC 15.107(a) Conducted Emissions
Notes:	Lead Tested: Neutral Detector: Peak
Date:	April 4, 1998
Tech:	Dennis Cortes
Sheet	2 of 2



Retlif Testing Laboratories

Report No. R-7514-1

EQUIPMENT LIST

FCC 15.107(a) Conducted Emissions

EN	Type	Manufacturer	Frequency Range	Model No.	Cal Date	Due Date
076	LISN	Solar Electronics	10 kHz - 30 MHz	8012-50-R-24BNC	1/16/98	1/16/99
088B	Conical Log Spiral	Electro-Mechanics	200 MHz - 1 GHz	3101	1/5/98	1/5/99
333	Attenuator	Narda	DC - 11 GHz	768-10	6/19/97	6/19/98
544	EMC Analyzer	Hewlett Packard	9.0 kHz - 1.8 GHz	8591EM	8/11/97	8/11/98
574	Signal Generator	Marconi	9 kHz - 2.4 GHz	2024	4/28/98	4/28/99
575	Graphics Plotter	Hewlett Packard	N/A	7470A	4/28/98	4/28/99



Retlif Testing Laboratories

Test Report Number R-7514-1
FCC ID: CCR4ND

RADIATED EMISSIONS

TEST DATA



Retlif Testing Laboratories

Test Report Number R-7514-1
FCC ID: CCR4ND

EQUIPMENT LIST

FCC Part 15 Radiated Emissions, 30 Mhz to 2 Ghz

EN	Type	Manufacturer	Frequency Range	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	8/30/97	8/30/99
088A	Conical Log Spiral	Electro-Mechanics	200 MHz - 1 GHz	3101	1/5/98	1/5/99
088B	Conical Log Spiral	Electro-Mechanics	200 MHz - 1 GHz	3101	1/5/98	1/5/99
127A	Biconical Antenna	Electro-Metrics	20 MHz - 200 MHz	3104	8/21/97	8/21/98
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/20/97	6/20/98
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	3/2/98	9/2/98
141A	Graphics Plotter	Hewlett Packard	N/A	7470A	3/4/98	3/4/99
141B	Quasi-Peak Adaptor	Hewlett Packard	100 Hz - 1 GHz	85650A	3/3/98	9/3/98
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	6/20/97	6/20/98
338A	Signal Generator	Hewlett Packard	500 kHz - 1024 MHz	8640B	7/29/97	7/29/98
523	Biconilog	Electro-Mechanics	26 MHz - 1100 MHz	3143	9/30/97	9/30/98
544	EMC Analyzer	Hewlett Packard	9.0 kHz - 1.8 GHz	8591EM	8/11/97	8/11/98
575	Graphics Plotter	Hewlett Packard	N/A	7470A	4/28/98	4/28/99



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Test Report Number R-7514-1

FCC ID: CCR4ND