CONDUCTED EMISSIONS

TEST DATA

Customer: Samson Technologies Corp.
Test Sample: 174.6 Mhz Superheterodyne Receiver
Model No.: Stage 4 FCC ID:CCRSR4
Test Method: FCC 15.107(a) Conducted Emissions
Notes: Lead Tested: Hot
Detector: Peak
Date: May 4,1998 Tech: Dennis Cortes Sheet 1 of 2

09:48:32 MAY 04, 1998
R-7515 STAGE4 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 STOP 30.00 MHz
#RES BW 10 kHz VBW 30 kHz #SWP 20.0 sec

Retlif Testing Laboratories

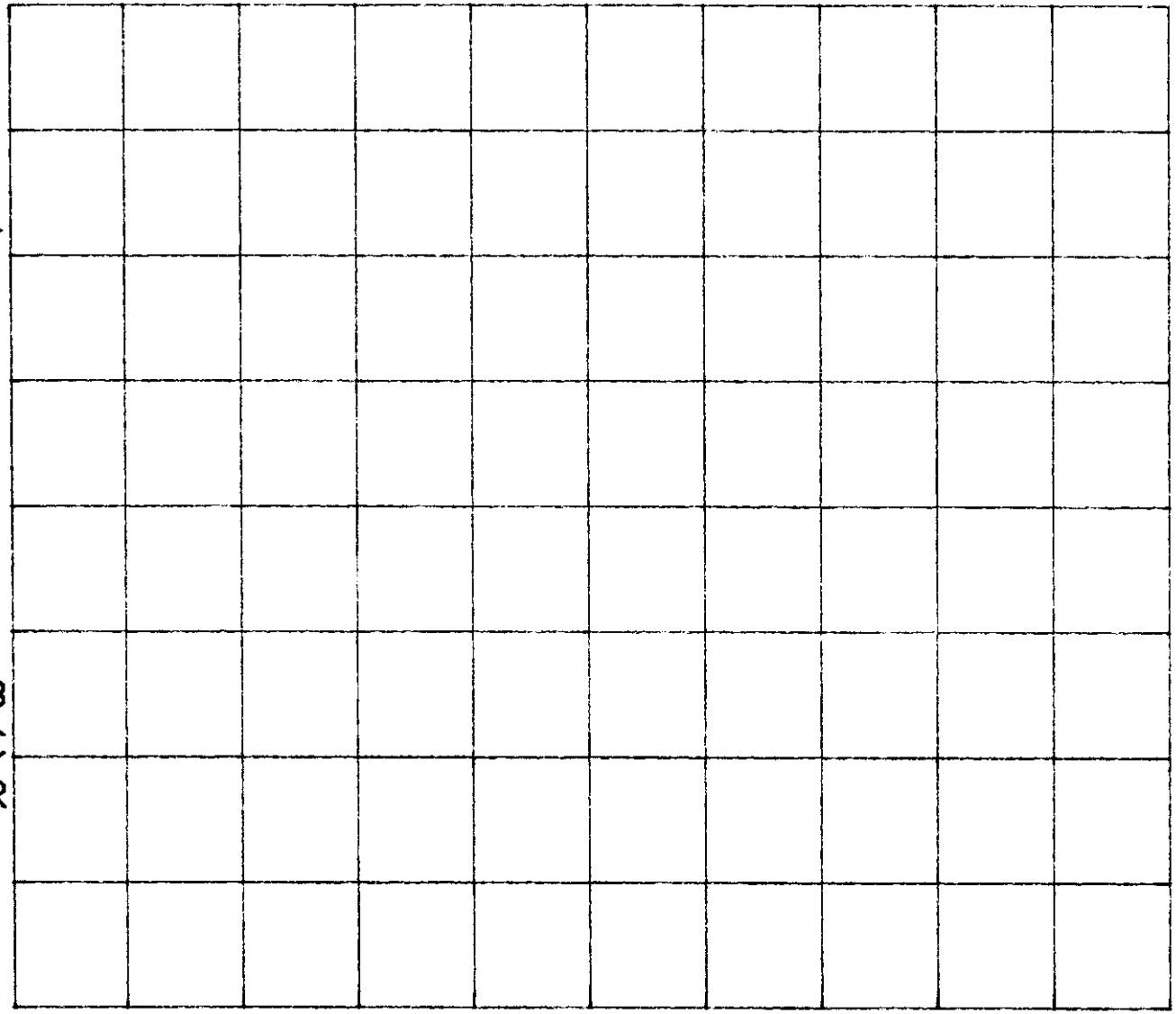
Report No. R-7515-3

Customer: Samson Technologies Corp.
Test Sample: 174.6 Mhz Superheterodyne Receiver
Model No: Stage 4 FCC ID:CCRSR4
Test Method: FCC 15.107(a) Conducted Emissions
Notes: Lead Tested: Neutral
Detector: Peak
Date: May 4,1998 Tech: Dennis Cortes Sheet 2 of 2

09:51:48 MAY 04, 1998
R-7515 STAGE4 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 STOP 30.00 MHz
#RES BW 10 kHz VBW 30 kHz #SWP 20.0 sec

Retlif Testing Laboratories

Report No. R-7515-3

Customer:	Samson Technologies Corp.
Test Sample:	199.6 Mhz Superheterodyne Receiver
Model No:	Stage 4 FCC ID:CCRSR4
Test Method:	FCC 15.107(a) Conducted Emissions
Notes:	Lead Tested: Hot Detector: Peak

Date: May 4,1998 Tech: Dennis Cortes Sheet 1 of 2

10:07:30 MAY 04, 1998

R-7515 STAGE4 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 STOP 30.00 MHz

#RES BW 10 kHz VBW 30 kHz #SWP 20.0 sec

Retlif Testing Laboratories

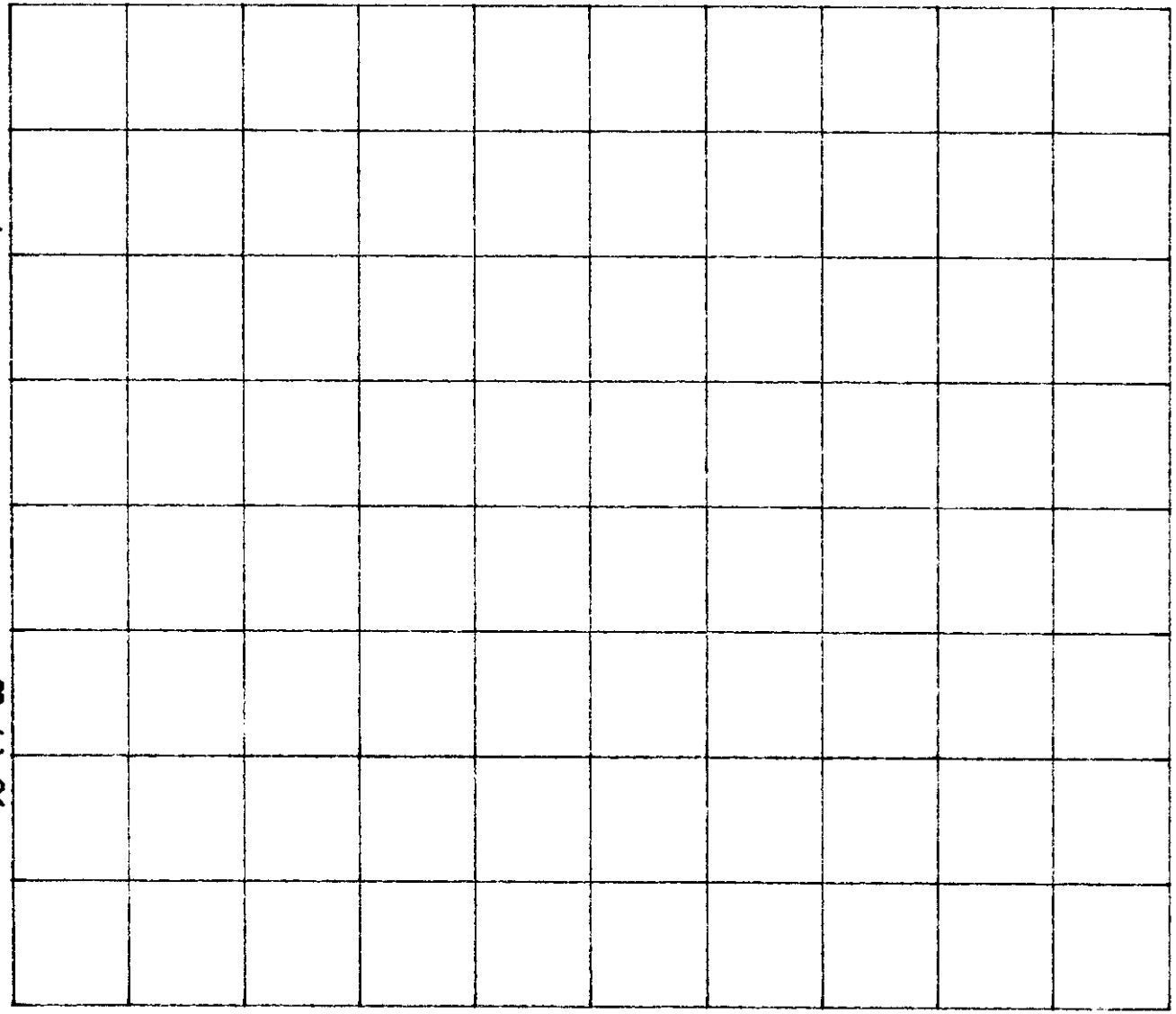
Report No. R-7515-3

Customer: Samson Technologies Corp.
Test Sample: 199.6 Mhz Superheterodyne Receiver
Model No.: Stage 4 FCC ID:CCRSR4
Test Method: FCC 15.107(a) Conducted Emissions
Notes: Lead Tested: Neutral
Detector: Peak
Date: May 4,1998 Tech: Dennis Cortes Sheet 2 of 2

10:04:22 MAY 04, 1998
R-7515 STAGE4 COND.EMIS DC LEAD-NEUTRAL
REF 85.0 dBμV AT 10 dB

PEAK
LOG
10
dB/
OFFST
10.0
dB
DL
48.0
dBμV

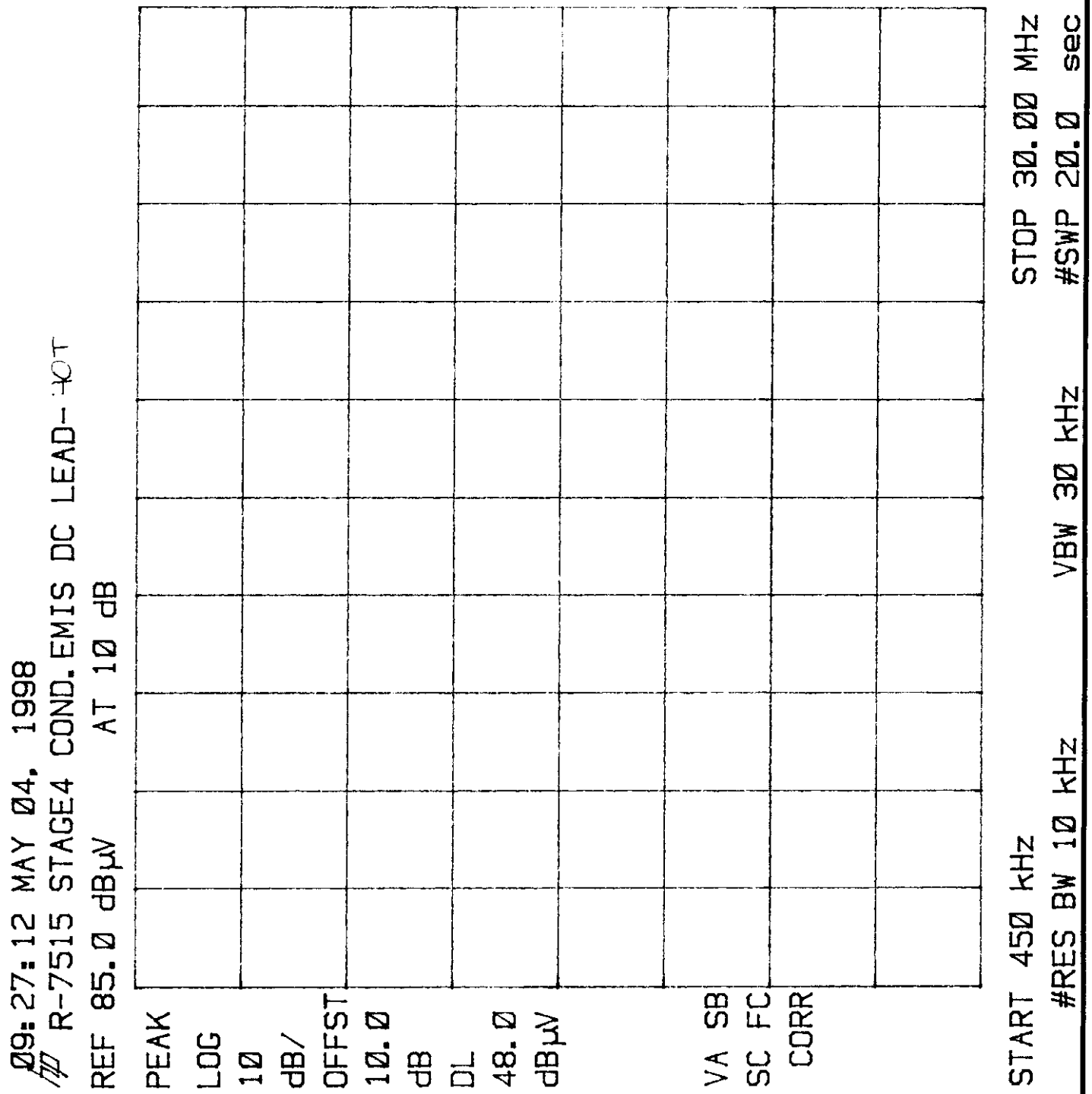
VA SB
SC FC
CORR



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

Retlif Testing Laboratories

Report No. R-7515-3



Customer:	Samson Technologies Corp.
Test Sample:	213.2 Mhz Superheterodyne Receiver
Model No.:	Stage 4 FCC ID:CCRSR4
Test Method:	FCC 15.107(a) Conducted Emissions
Notes:	Lead Tested: Hot Detector: Peak
Date: May 4,1998	Tech: Dennis Cortes Sheet 1 of 2

Retlif Testing Laboratories

Report No. R-7515-3

Customer: Samson Technologies Corp.
Test Sample: 213.2 Mhz Superheterodyne Receiver
Model No: Stage 4 FCC ID:CCRSR4
Test Method: FCC 15.107(a) Conducted Emissions
Notes: Lead Tested: Neutral
Detector: Peak
Date: May 4,1998 Tech: Dennis Cortes Sheet 2 of 2

09:32:59 MAY 04, 1998
R-7515 STAGE4 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 STOP 30.00 MHz
#RES BW 10 kHz VBW 30 kHz #SWP 20.0 sec

Retlif Testing Laboratories

Report No. R-7515-3

RADIATED EMISSIONS

TEST DATA

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

TEST METHOD: **FCC Part 15 Radiated Emissions, 30 MHz to 2 GHz**

CUSTOMER: Samson Technologies JOB No.: R-7515-3

TEST SAMPLE: 173.6 Mhz to 216.2 Mhz Superheterodyne Receiver
FCC ID: CCRSR4

MODEL No.: Stage 4 SERIAL No.: N/A

TEST SPECIFICATION: FCC Part 15, Subpart B, Class B
PARAGRAPH: 15.109(a)

OPERATING MODE: Continuously Receiving on 174.6 Mhz

TECHNICIAN: Dennis Cortes DATE: May 7,1998

NOTES: Detector Function: Quasi-Peak
Test Distance: 3 Meters

Test Frequency	Antenna Position	Turntable Position	Meter Reading	Correction Factor	Corrected Reading	Converted Reading		Limit
MHz	(H/V) - Height	Degrees	dBuV	dB	dBuV/m	uV/m		uV/m
30.00								100
|								|
|								|
V								V
88.00								100
88.00								150
|								|
V								|
164.00	V-1.0	225	51.4	-9.0	42.4	131.8		|
|								|
V								V
216.00								150
216.00								200
|								|
|								|
V								V
960.00								200
960.00								500
|								|
|								|
V								V
2000.00								500

The frequency range was scanned from 30 MHz to 2 GHz. All emissions not recorded were more than 10dB below the specified limit. Emissions observed from the EUT do not exceed the specified limit.

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

TEST METHOD: **FCC Part 15 Radiated Emissions, 30 MHz to 2 GHz**

CUSTOMER: Samson Technologies JOB No.: R-7515-3

TEST SAMPLE: 173.6 Mhz to 216.2 Mhz Superheterodyne Receiver
FCC ID: CCRSR4

MODEL No.: Stage 4 SERIAL No.: N/A

TEST SPECIFICATION: FCC Part 15, Subpart B, Class B
PARAGRAPH: 15.109(a)

OPERATING MODE: Continuously Receiving on 199.6 Mhz

TECHNICIAN: Dennis Cortes DATE: May 7,1998

NOTES: Detector Function: Quasi-Peak
Test Distance: 3 Meters

Test Frequency	Antenna Position	Turntable Position	Meter Reading	Correction Factor	Corrected Reading	Converted Reading		Limit
MHz	(H/V) - Height	Degrees	dBuV	dB	dBuV/m	uV/m		uV/m
30.00								100
|								|
|								|
V								V
88.00								100
88.00								150
|								|
V								|
126.10	V-1.0	135	35.6	-10.7	24.9	14.4		|
189.00	V-1.0	225	47.2	-8.5	38.7	28.2		|
|								|
V								V
216.00								150
216.00								200
|								|
|								|
V								V
960.00								200
960.00								500
|								|
|								|
V								V
2000.00								500

The frequency range was scanned from 30 MHz to 2 GHz. All emissions not recorded were more than 10dB below the specified limit. Emissions observed from the EUT do not exceed the specified limit.

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

TEST METHOD: **FCC Part 15 Radiated Emissions, 30 MHz to 2 GHz**

CUSTOMER: Samson Technologies JOB No.: R-7515-3

TEST SAMPLE: 173.6 Mhz to 216.2 Mhz Superheterodyne Receiver
FCC ID: CCRSR4

MODEL No.: Stage 4 SERIAL No.: N/A

TEST SPECIFICATION: FCC Part 15, Subpart B, Class B
PARAGRAPH: 15.109(a)

OPERATING MODE: Continuously Receiving on 213.2 Mhz

TECHNICIAN: Dennis Cortes DATE: May 7,1998

NOTES: Detector Function: Quasi-Peak
Test Distance: 3 Meters

Test Frequency	Antenna Position	Turntable Position	Meter Reading	Correction Factor	Corrected Reading	Converted Reading		Limit
MHz	(H/V) - Height	Degrees	dBuV	dB	dBuV/m	uV/m		uV/m
30.00								100
|								|
|								|
V								V
88.00								100
88.00								150
|								|
V								|
202.50	V-1.2	203	40.0	-8.0	32.0	39.8		|
|								|
V								V
216.00								150
216.00								200
|								|
|								|
V								V
960.00								200
960.00								500
|								|
|								|
V								V
2000.00								500

The frequency range was scanned from 30 MHz to 2 GHz. All emissions not recorded were more than 10dB below the specified limit. Emissions observed from the EUT do not exceed the specified limit.