

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

Test Method:

RF Power Output

Customer:

DTC Communications, Inc.

Job No:

R-4090N

Test Sample:

Low Power Audio Transmitter

Model No:

T-2070

Serial No:

ENG1

Test Specification:

FCC Part 2

Paragraph: 2.1046

Operating Mode:

Transmitting Carrier Signal only

Technician:

T. Firkowski

Date:

2/10/03

Notes:

[illegible]

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Modulation Limiting

Customer:

DTC Communications, Inc.

Job No:

R-4090N

Test Sample:

Low Power Audio Transmitter

Model No:

T-2070

Serial No:

ENG1

Test Specification:

Fcc Part 2

Paragraph: 2.1047 (b)

Operating Mode:

Transmitting Modulated Signal at 170 MHz

Technician:

T. Firkowski

Date:

2/11/03

Notes:

Wide Band Mode

[illegible]

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Modulation Limiting

Customer:

DTC Communications, Inc.

Job No:

R-4090N

Test Sample:

Low Power Audio Transmitter

Model No:

T-2070

Serial No:

ENG1

Test Specification:

Fcc Part 2

Paragraph: 2.1047 (b)

Operating Mode:

Transmitting Modulated Signal at 170 MHz

Technician:

T. Firkowski

Date:

2/11/03

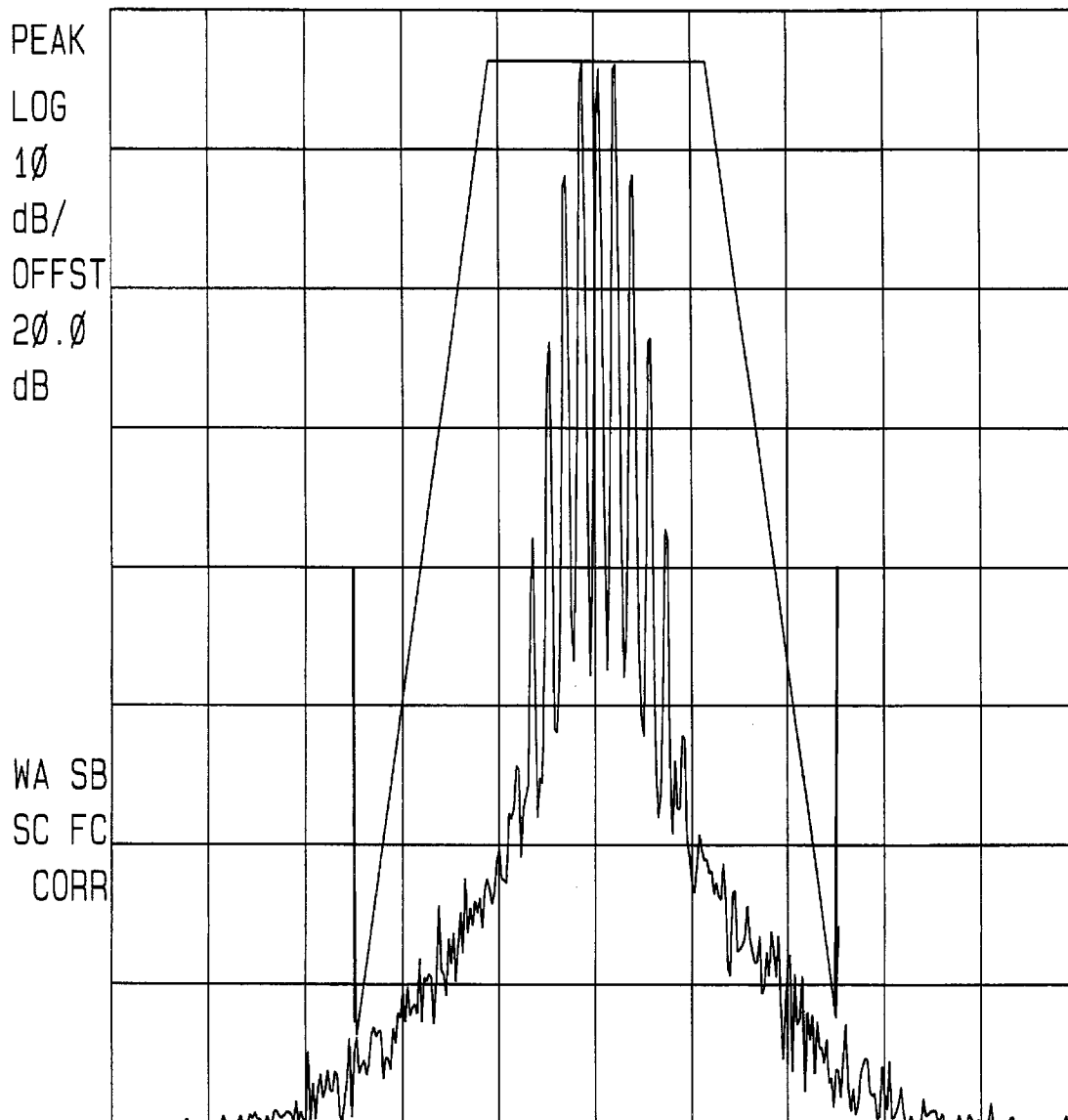
Notes:

Narrow Band Mode

[illegible]

08:24:34 FEB 10, 2003

REF 20.0 dBm AT 10 dB



CENTER 170.00000 MHz

SPAN 50.00 kHz

#RES BW 100 Hz

VBW 300 Hz

SWP 15.0 sec

Customer:
Test Sample:
Model No:
Test Method:
Notes:

DTC Communications, Inc.
Low Power Audio Transmitter
T-2070
Occupied Bandwidth, FCC Part 2, para 2.1049
Modulated Narrow Band Mode - 2500Hz @16dB above 50%

Date: 2/10/03

Tech: T. Firkowski

Sheet 1 of 2

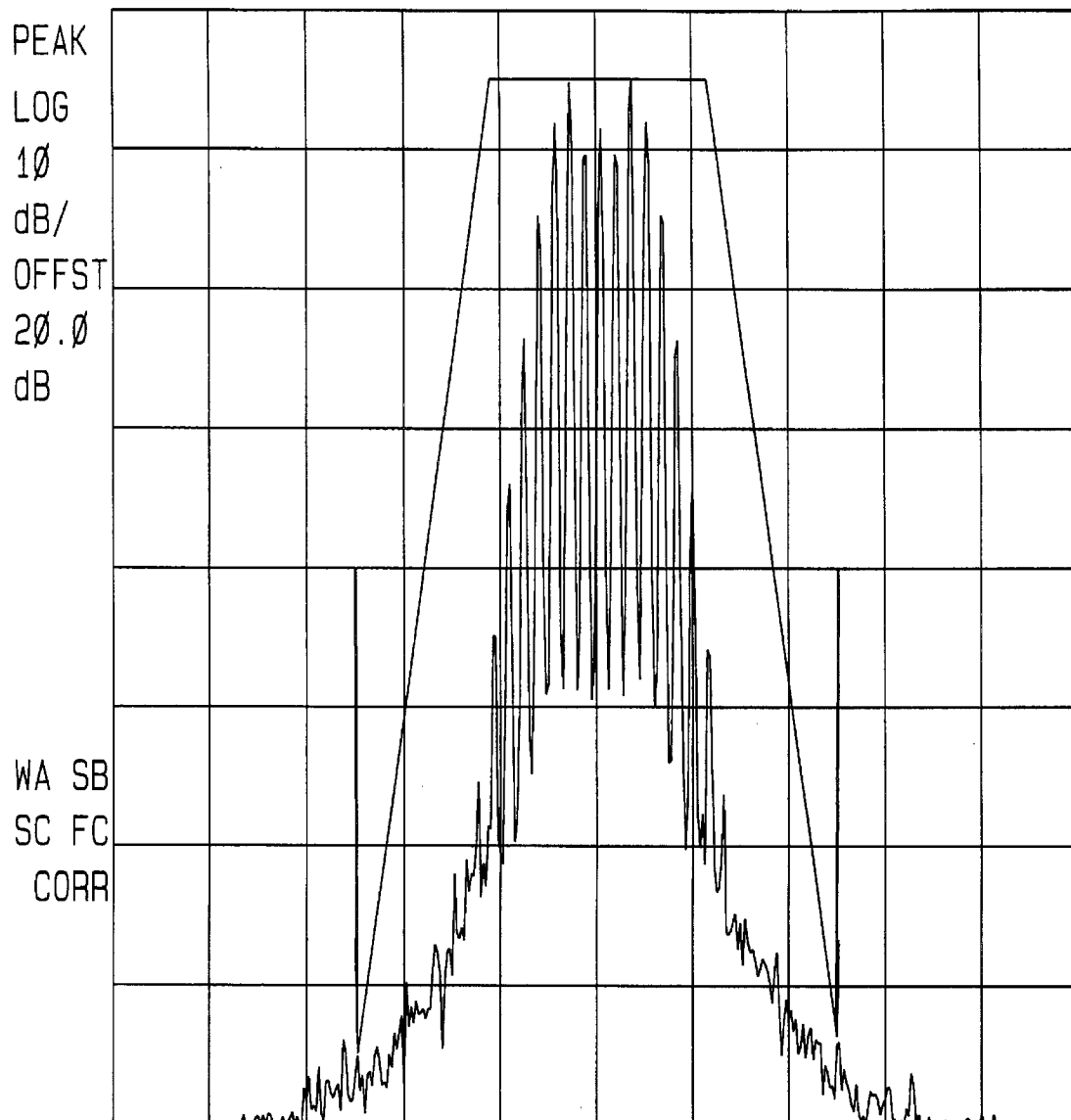


Retlif Testing Laboratories

Report No R-4090N

08:57:02 FEB 10, 2003

REF 20.0 dBm AT 10 dB



CENTER 170.00000 MHz

SPAN 50.00 kHz

#RES BW 100 Hz

VBW 300 Hz

SWP 15.0 sec

Customer: DTC Communications, Inc.
Test Sample: Low Power Audio Transmitter
Model No: T-2070
Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
Notes: Modulated Wide Band Mode - 2500Hz @16dB above 50%

Date: 2/10/03

Tech: T. Firkowski

Sheet 2 of 2



Retlif Testing Laboratories

Report No R-4090N

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Emissions @ Antenna Terminals 30 MHz to 1.8 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4090N
Test Sample:	Low Power Audio Transmitter		
Model No:	T-2070	Serial No:	ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1051		
Operating Mode:	Transmitting Modulated Signal		
Technician:	T. Firkowski	Date:	2/10/03
Notes:	Wide Band Mode - Modulation with 2500Hz @ 16dB above 50% Peak Detector		

[illegible]

EUT emissions observed throughout the given frequency spectrum were recorded & evaluated. Emission levels closest to the limit are listed on this data sheet.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Spurious Emissions @ Antenna Terminals 30 MHz to 1.8 GHz

Customer:

DTC Communications, Inc.

Job No:

R-4090N

Test Sample:

Low Power Audio Transmitter

Model No:

T-2070

Serial No:

ENG1

Test Specification:

FCC Part 2

Paragraph: 2.1051

Operating Mode:

Transmitting Modulated Signal

Technician:

T. Firkowski

Date:

2/10/03

Notes:

Narrow Band Mode - Modulation with 2500Hz @ 16dB above 50%

Peak Detector

[illegible]

EUT emissions observed throughout the given frequency spectrum were recorded & evaluated. Emission levels closest to the limit are listed on this data sheet.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 1.8 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4090N
Test Sample:	Low Power Audio Transmitter		
Model No:	T-2070	Serial No:	ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Transmitting Carrier Signal only		
Technician:	T. Firkowski	Date:	2/10/03
Notes:	Peak Detector		

[illegible]

EUT emissions observed throughout the given frequency spectrum were recorded & evaluated. Emission levels closest to the limit are listed on this data sheet.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 1.8 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4090N
Test Sample:	Low Power Audio Transmitter		
Model No:	T-2070	Serial No:	ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Modulated Wide Band Signal		
Technician:	T. Firkowski	Date:	2/10/03
Notes:	Peak Detector		

[illegible]

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 1.8 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4090N
Test Sample:	Low Power Audio Transmitter		
Model No:	T-2070	Serial No:	ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Modulated Narrow Band Signal		
Technician:	T. Firkowski	Date:	2/10/03
Notes:	Peak Detector		

[illegible]

EUT emissions observed throughout the given frequency spectrum were recorded & evaluated. Emission levels closest to the limit are listed on this data sheet.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Frequency Stability

Customer:

DTC Communications, Inc.

Job No:

R-4090N

Test Sample:

Low Power Audio Transmitter

Model No:

T-2070

Serial No:

ENG1

Test Specification:

Fcc Part 2

Paragraph: 2.1055

Operating Mode:

Transmitting Carrier Signal only

Technician:

T. Firkowski

Date:

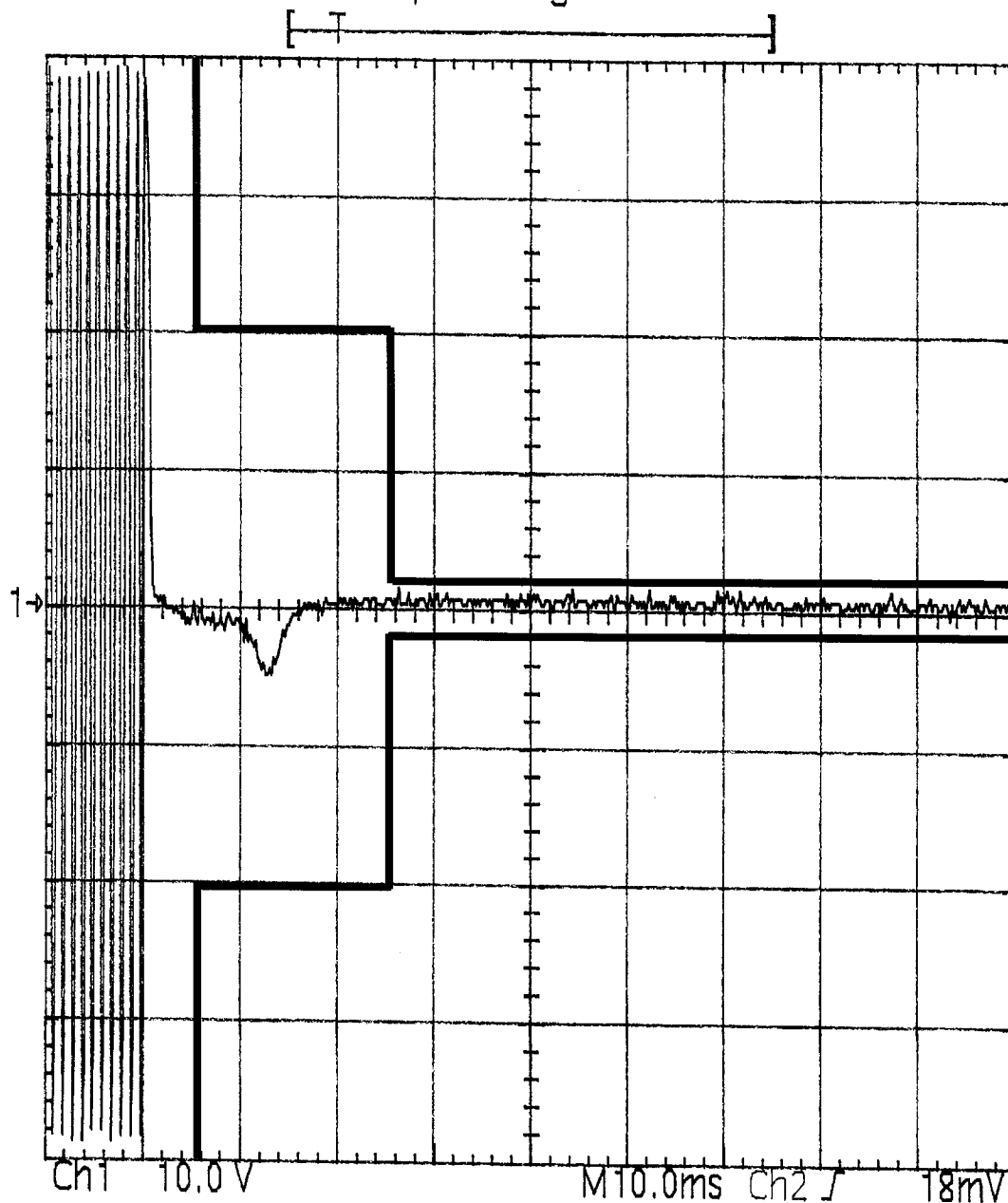
2/11/03

Notes:

Nominal Input Voltage: 4.5 VDC

[illegible]

Tek Run: 5.00kS/s Sample Trig?



5 Feb 2003
14:20:22

Customer: DTC Communications, Inc.
Test Sample: Low Power Audio Transmitter
Model No: T-2070
Test Method: Transient Frequency Behavior(On), FCC Part 90.214
Notes:

Date: 2/5/03

Tech: T. Firkowski

Sheet 1 of 2

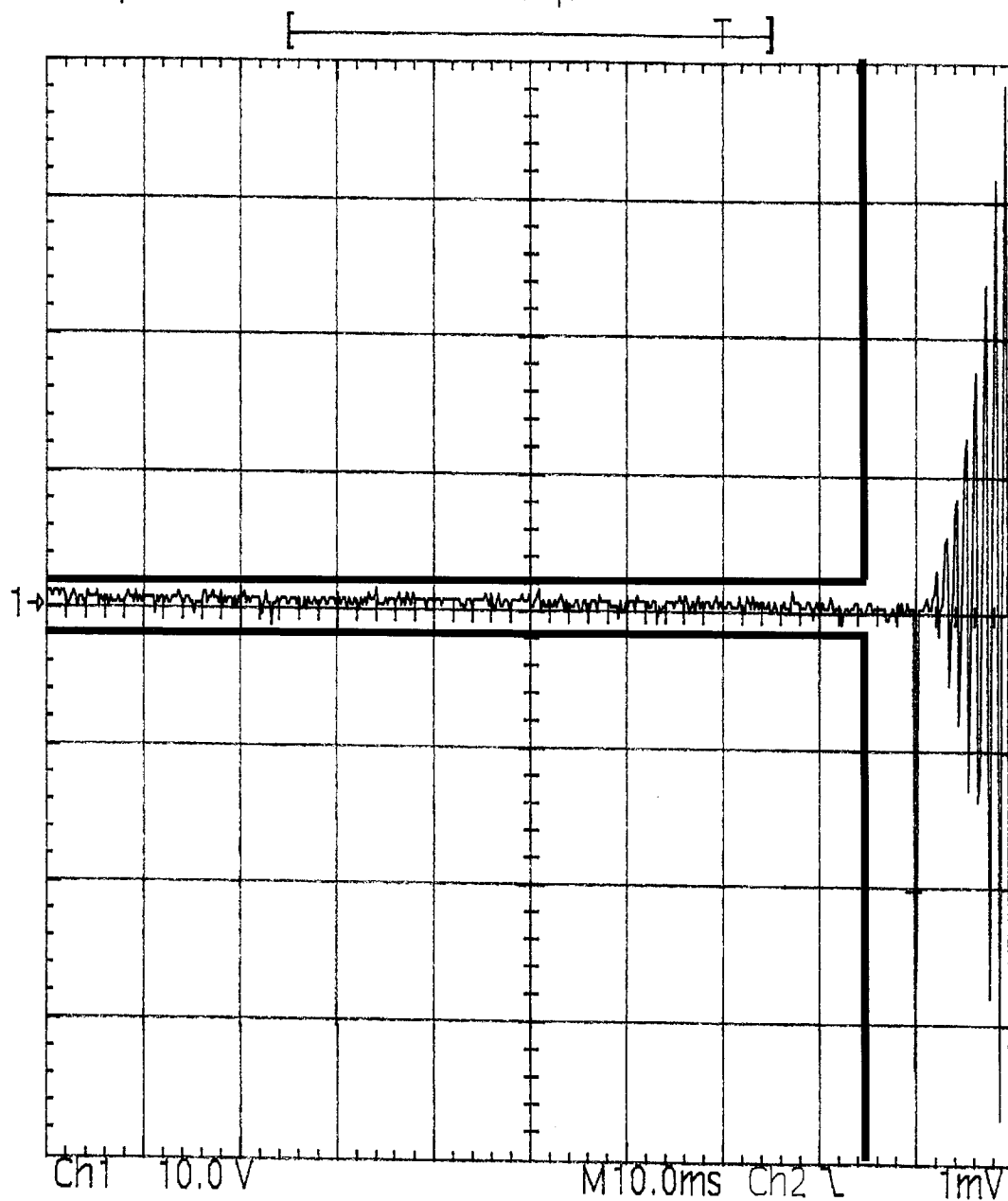


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Report No R-4090N

Tek Stop: 5.00kS/s

1 Acqs



5 Feb 2003

14:29:36

Customer: DTC Communications, Inc.
Test Sample: Low Power Audio Transmitter
Model No: T-2070
Test Method: Transient Frequency Behavior(Off), FCC Part 90.214
Notes:

Date: 2/5/03

Tech: T. Firkowski

Sheet 2 of 2



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Report No R-4090N