

Appendix B

RF Power Output

Ref Lvl

Marker 1 [T1]

RBW

3 MHz RF Att 50 dB

28.94 dBm

VBW

3 MHz

Unit

dBm

Span 30 MHz

5 ms 1.85016994 GHz SWT 36 dBm 7 dB Difset A 30 25 20 1MA 1MAX 15 10 EXT -10 -15 water work of the second secon -20 minutul harrison let ha

3 MHz/

Title: Model: RUCM 200

Center 1.8502 GHz

Comment A: Outputpower conducted channel 512

19.NOV.2002 11:15:12

Ref Lvl 36 dBm Marker 1 [T1]

29.06 dBm

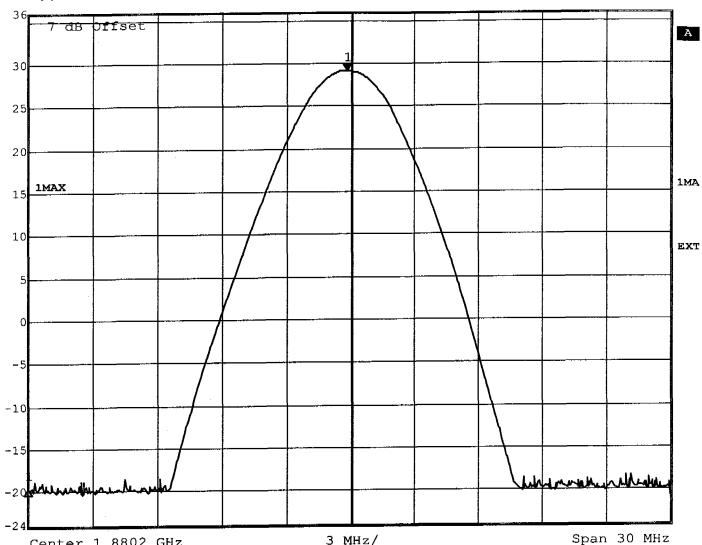
RBW VBW 3 MHz

RF Att 50 dB

1.88004970 GHz

3 MHz SWT

5 ms Unit dBm



3 MHz/

Model: RUCM 200

Center 1.8802 GHz

Comment A: Outputpower conducted channel 661

Date:

19.NOV.2002 11:13:24

Ref Lvl 36 dBm Marker 1 [T1]

28.68 dBm

RBW

SWT

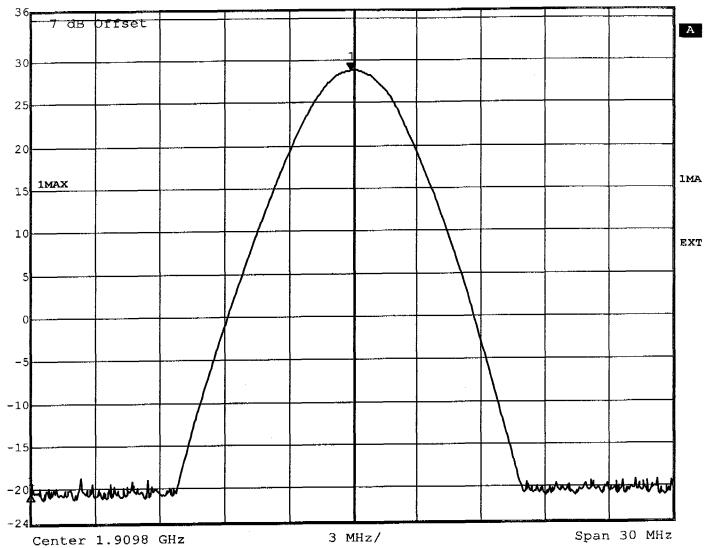
3 MHz RF Att 50 dB

1.90970982 GHz

VBW 3 MHz

> 5 ms Unit

dBm



Model: RUCM 200

Comment A: Outputpower conducted channel 810

Date:

19.NOV.2002 11:17:12



Appendix C

Radiated Power

EUT / Model: RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

Test Specification:

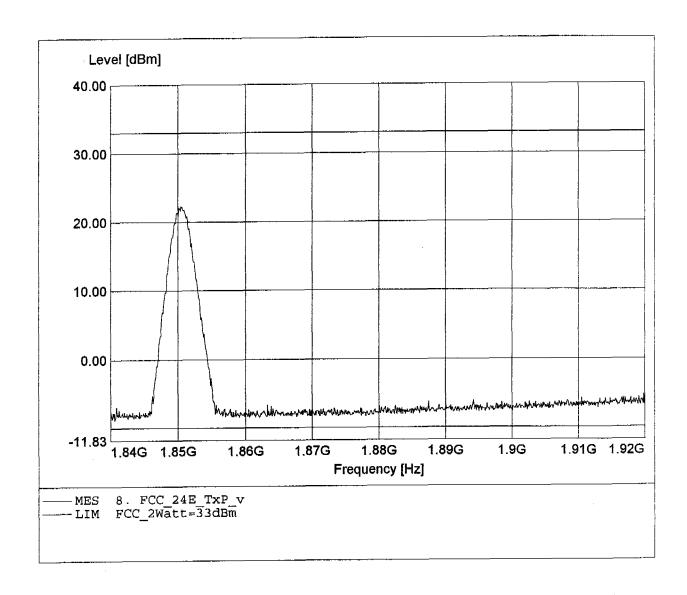
according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.850GHz, Pmax: 22.25dBm, RBW: 3MHz



Model: EUT /

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

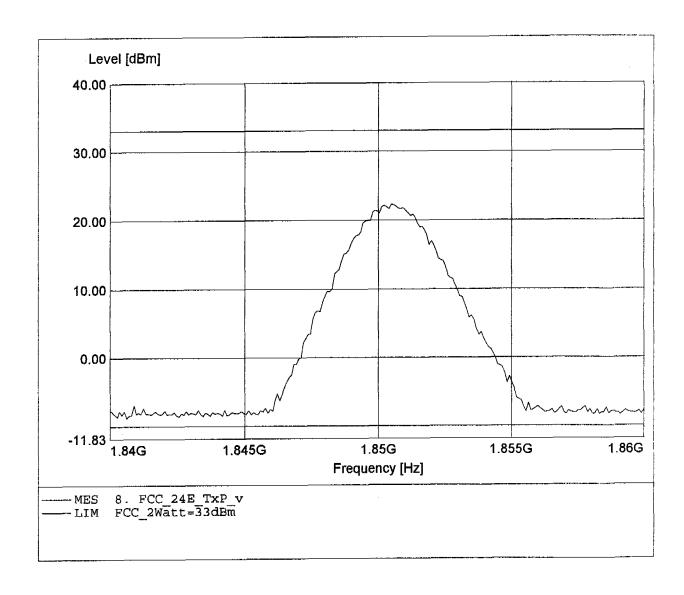
Test Specification: according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.850GHz, Pmax: 22.25dBm, RBW: 3MHz



EUT / Model: RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

Test Specification:

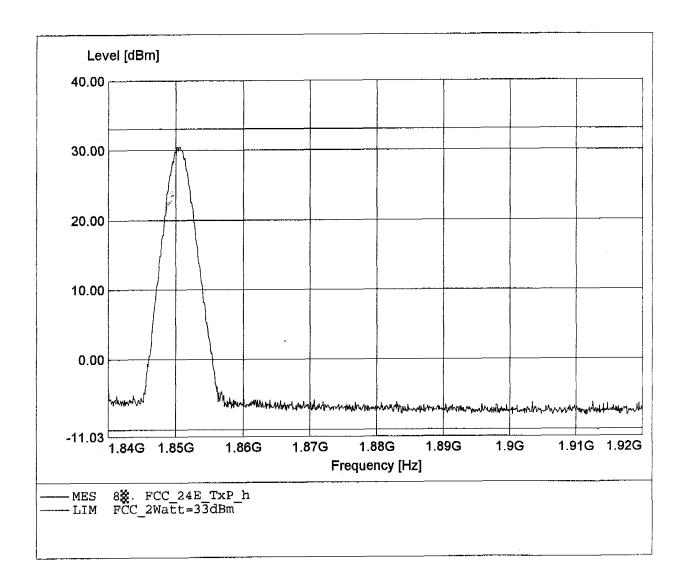
according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.851GHz, Pmax: 30.49dBm, RBW: 3MHz



EUT / Model: RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

Test Specification:

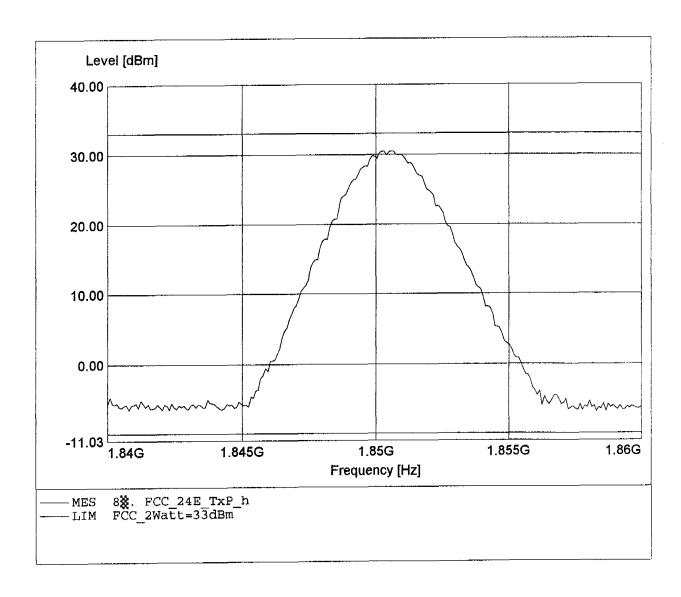
according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.851GHz, Pmax: 30.49dBm, RBW: 3MHz



Model: EUT /

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

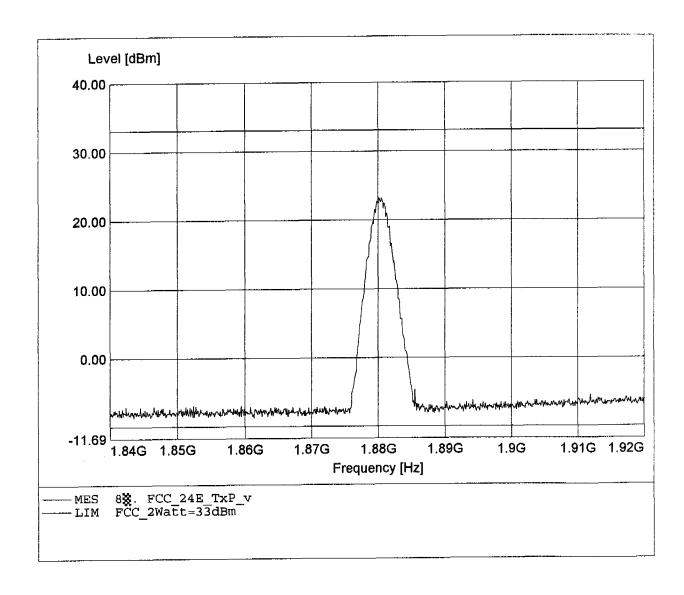
Test Specification: according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.881GHz, Pmax: 23.14dBm, RBW: 3MHz



EUT / Model: RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

Test Specification:

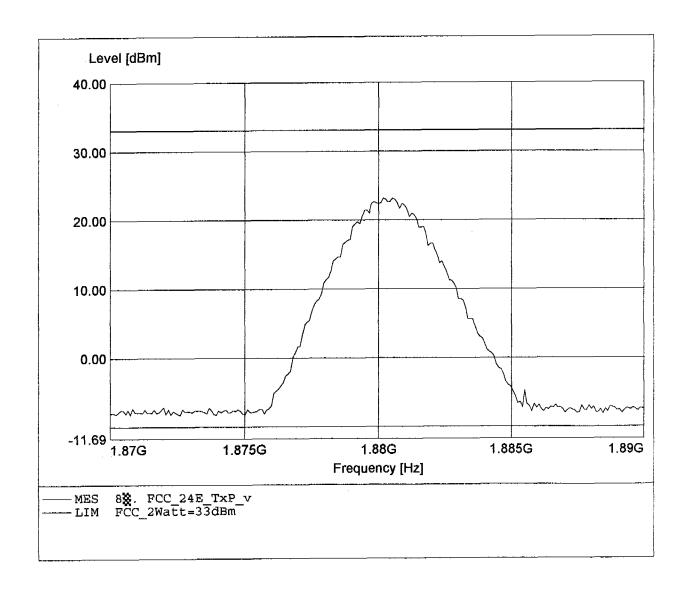
according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.881GHz, Pmax: 23.14dBm, RBW: 3MHz



Model: EUT /

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

Test Specification:

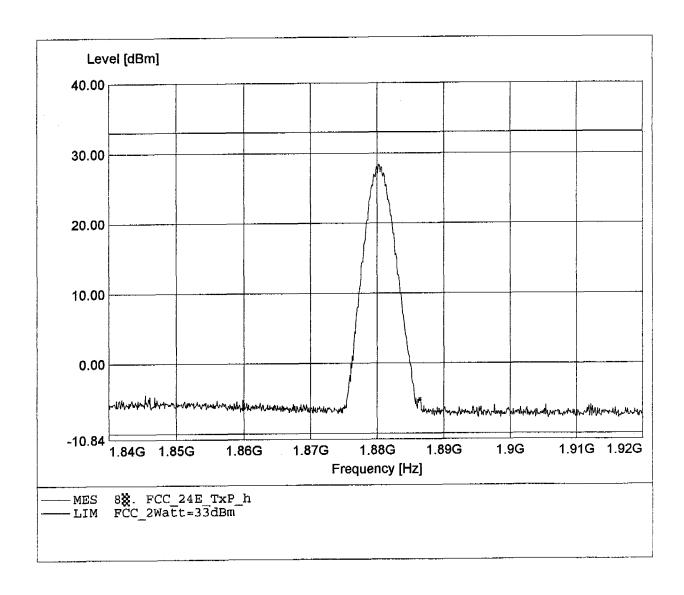
according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.880GHz, Pmax: 28.43dBm, RBW: 3MHz



EUT / Model:

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Test Site / Operator: ETS / Mr. F.Schulz Temperature/ Voltage: 22°C / Unom

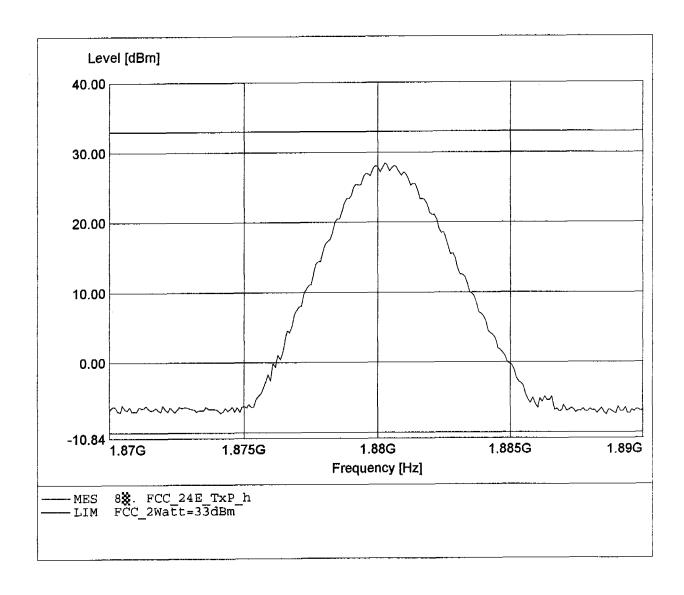
Test Specification: according to \$24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.880GHz, Pmax: 28.43dBm, RBW: 3MHz



EUT / Model:

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

Test Specification:

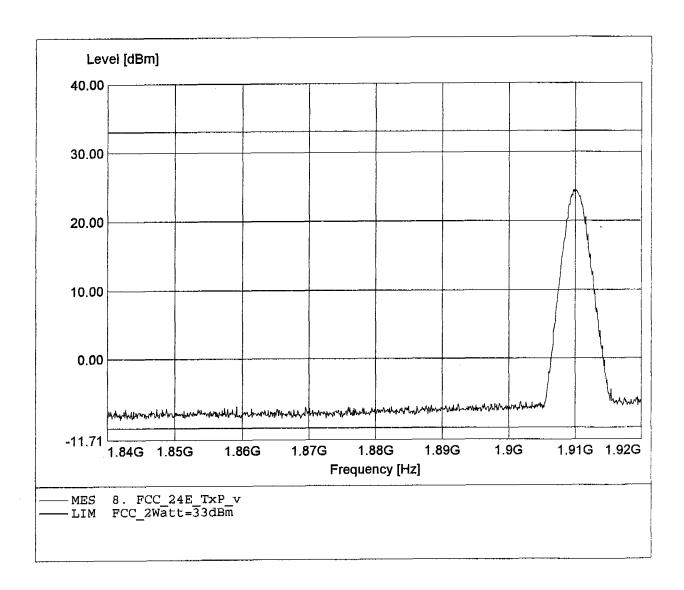
according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.910GHz, Pmax: 24.48dBm, RBW: 3MHz



EUT / Model:

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

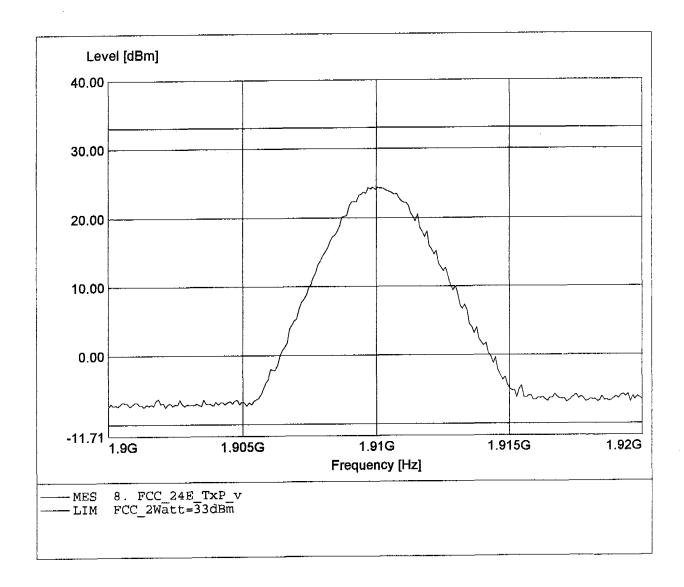
Test Specification: according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Dist.: 3m, Ant.: BBHA 21305 Freq: 1.910GHz, Pmax: 24.48dBm, RBW: 3MHz



EUT / Model: RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Test Site / Operator: ETS / Mr. F.Schulz

Temperature/ Voltage: 22°C / Unom

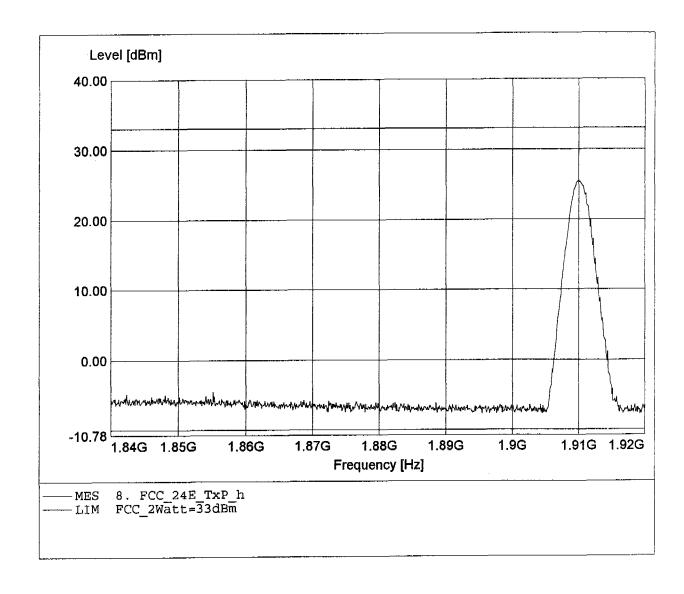
Test Specification: according to §24.232

Comment 1:

Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.910GHz, Pmax: 25.55dBm, RBW: 3MHz



Model: EUT /

RUCM 200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Test Site / Operator: ETS / Mr. F.Schulz

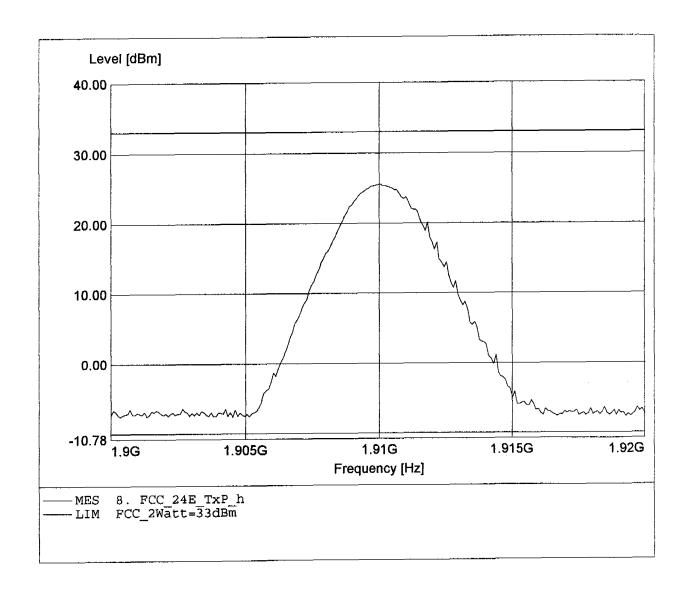
Temperature/ Voltage: 22°C / Unom

Test Specification: Comment 1:

according to §24.232 Dist.: 3m, Ant.: BBHA 2190D

Comment 2:

Freq: 1.910GHz, Pmax: 25.55dBm, RBW: 3MHz





Appendix D

Occupied Bandwidth

Ref Lvl

Marker 1 [T1]

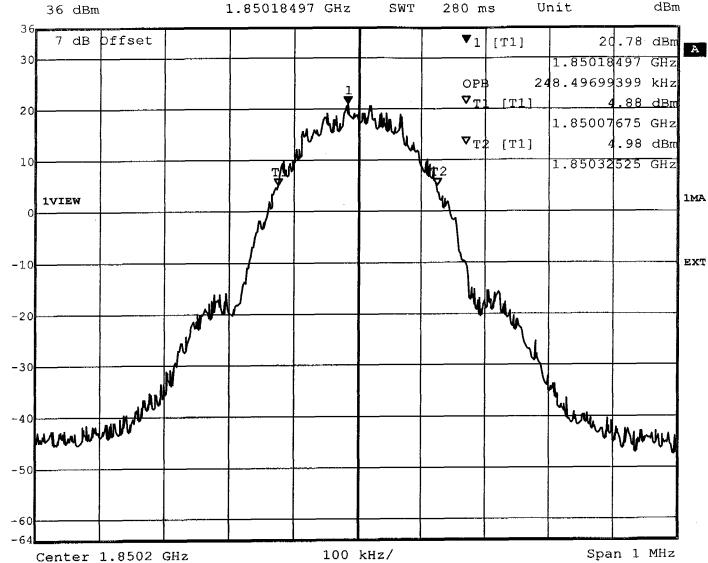
3 kHz RF Att 50 dB

20.78 dBm 1.85018497 GHz VBW

RBW

3 kHz Unit

dBm

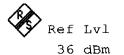


Model: RUCM 200

Comment A: Occupied Bandwidth Channel 512

Date:

19.NOV.2002 12:40:33



Marker 1 [T1 ndB] 26.00 dB ndB BW 318.63727455 kHz RBWVBW

SWT

280 ms

3 kHz RF Att 50 dB 3 kHz

Unit

dBm

20.78 dBm 7 dB Dffset ▼1 [T1] 30 1.85018497 GHz 26.00 dB nd∄ 318.63727455 kHz BW 20 ∇_{T} -5.49 dBm [T1] 1.85004068 GHz ▼T2 [T1] 10 -5.78 dBm 1.85035932 GHz 1MA 1VIEW TA EXT -10 -20-30 manula Milliana the work where the same -40 -50 -60 Span 1 MHz 100 kHz/

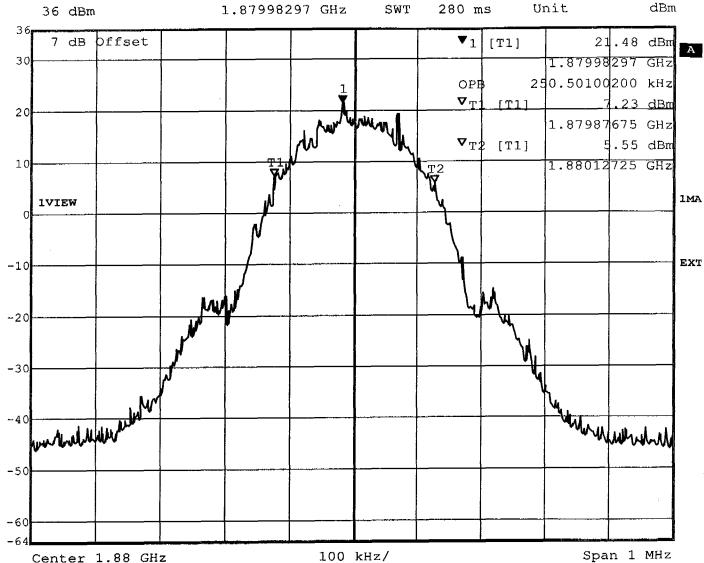
Model: RUCM 200

Center 1.8502 GHz

Comment A: -26dBc Bandwidth Channel 512

Date:

19.NOV.2002 12:38:56



50 dB

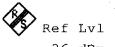
Title:

Model: RUCM 200

Comment A: Occupied Bandwidth Channel 661

Date:

19.NOV.2002 12:46:02



Marker 1 [T1 ndB] 26.00 dB ndB

RBW VBW 3 kHz

SWT

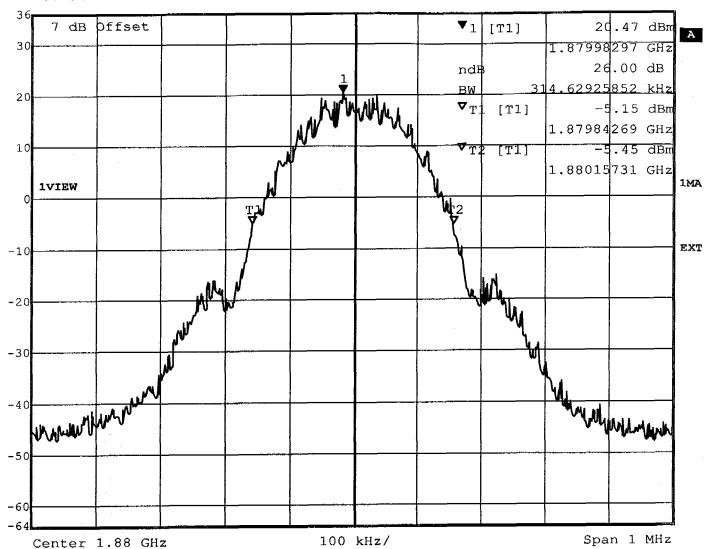
3 kHz RF Att 50 dB

BW 314.62925852 kHz 36 dBm

280 ms

Unit

dBm



Model: RUCM 200

Comment A: -26dBc Bandwidth Channel 661

Date:

19.NOV.2002 12:51:19

Ref Lvl

Marker 1 [T1]

20.16 dBm

3 kHz

RF Att 50 dB

1.90978297 GHz

RBW VBW

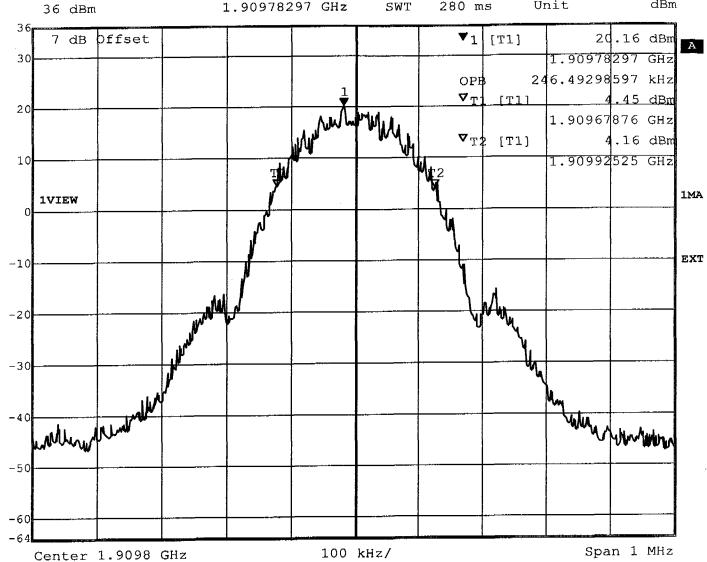
SWT

3 kHz

280 ms

Unit

dBm

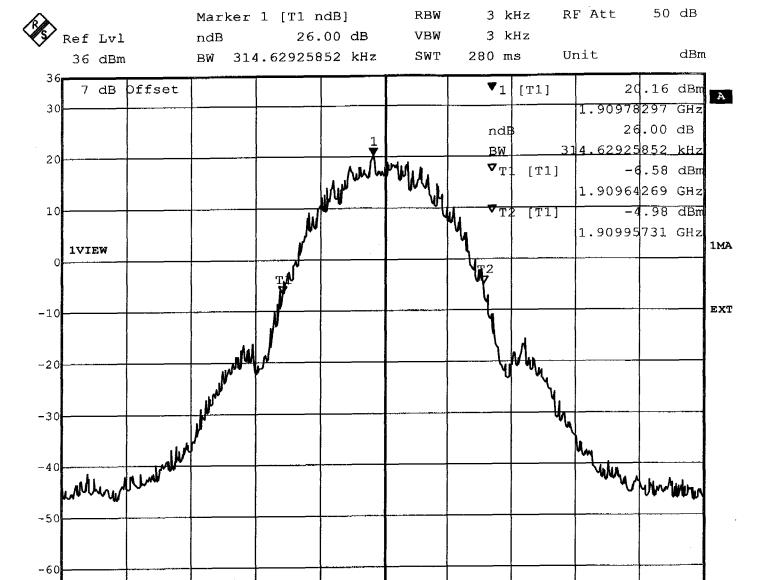


Model: RUCM 200

Comment A: Occupied Bandwidth Channel 810

Date:

19.NOV.2002 12:47:50



100 kHz/

Span 1 MHz

Title:

Model: RUCM 200

Center 1.9098 GHz

Comment A: -26dBc Bandwidth Channel 810

Date:

19.NOV.2002 12:49:17



Appendix E

Field Strength of Spurious Radiation

Marker 1 [T1] RBW 3 kHz RF Att 50 dB Ref Lvl 28.70 dBm VBW 3 kHz 36 dBm 1.85016232 GHz 560 ms dBm SWT Unit ▼1 [T1] 7 dB Dffset 28.70 dBm A, 30 -8501d232 GH 20 10 1VIEW 1MA **2VIEW** 2MA -10 EXT -D1 -13 dBm--20-30 a particular de la company de

200 kHz/

Span 2 MHz

Title:

Model: RUCM 200 Comment A: Lower Band Edge

Center 1.85 GHz

Date:

19.NOV.2002 13:05:09

3 kHz Marker 1 [T1] RBW RF Att 50 dB Ref Lvl 28.50 dBm VBW 3 kHz 36 dBm 1.90986573 GHz SWT 560 ms Unit dBm ▼1 [T1] 7 dB Offset 28.50 dBm 30 <u>.90</u>986573 GHz 20 10 **1VIEW** 1MA **2VIEW** 2MA EXT -10 -D1 -13 dBm⋅ -20 -30 halfunder war was many land maken -40 July Mary Harman John

200 kHz/

Span 2 MHz

Title: Model: RUCM 200 Comment A: Higher Band Edge

Center 1.91 GHz

-60 -64

Date: 19.NOV.2002 13:09:57

RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide

Unom: 12 V DC

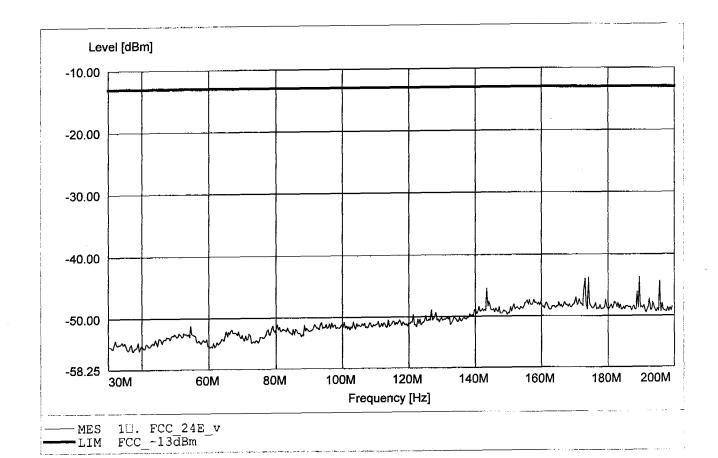
Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 189.439MHz, Pmax: -43.66dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Unom: 12 V DC

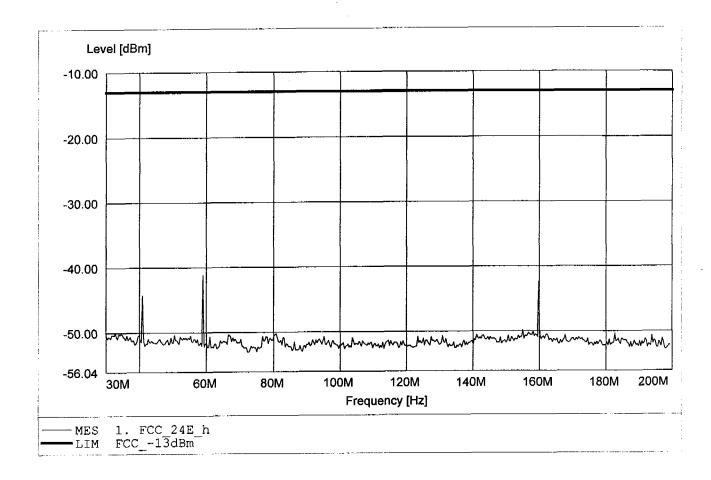
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

Comment 1:

according to \$24.238

Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 58.958MHz, Pmax: -41.20dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide

Unom: 12 V DC

Test Specification:

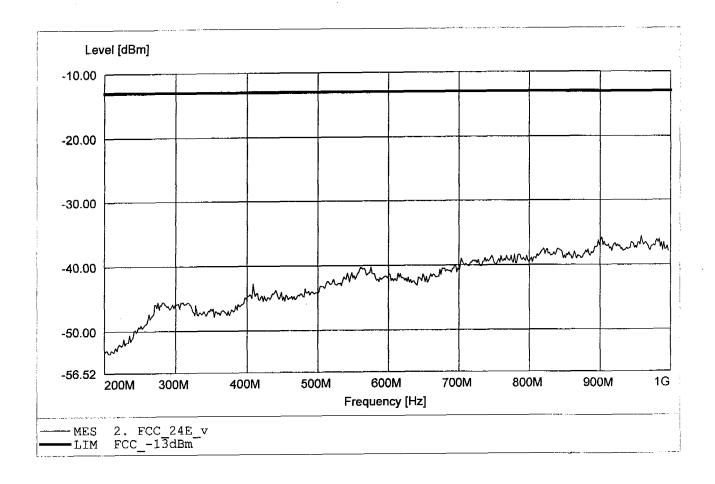
according to \$24.238

Comment 1:

Dist.: 3m, Ant.: HL 223

Comment 2:

Freq: 958.317MHz, Pmax: -35.53dBm, RBW: 1MHz



RUCM-200

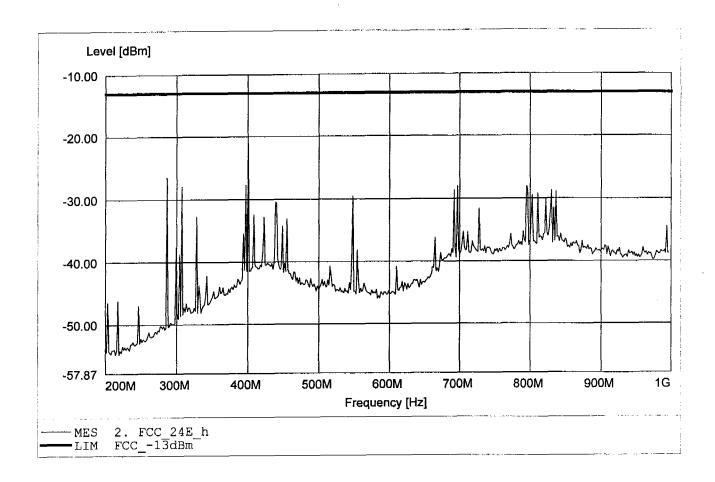
Micro Systems Engineering Inc. Approval Holder:

512 Channel:

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Unom: 12 V DC

Test Specification: according to \$24.238 Comment 1:

Dist.: 3m, Ant.: HL 223 Freq: 400.401MHz, Pmax: -21.07dBm, RBW: 1MHz Comment 2:



EUT: RUCM-200

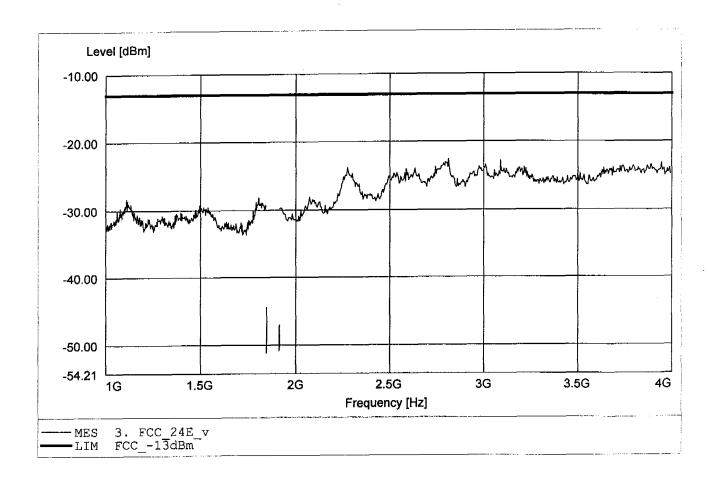
Approval Holder: Micro Systems Engineering Inc.

Channel: 512

Operating Condition: Tnom:23°C / Unom: Test Site / Operator: ETS / Mr. Heide Test Specification: according to \$24.238

Comment 1: Dist.: 3m, Ant.: BBHA2190D

Comment 2: Freq: 2.813GHz, Pmax: -22.55dBm, RBW: 1MHz/20kHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

Unom: 12 V DC

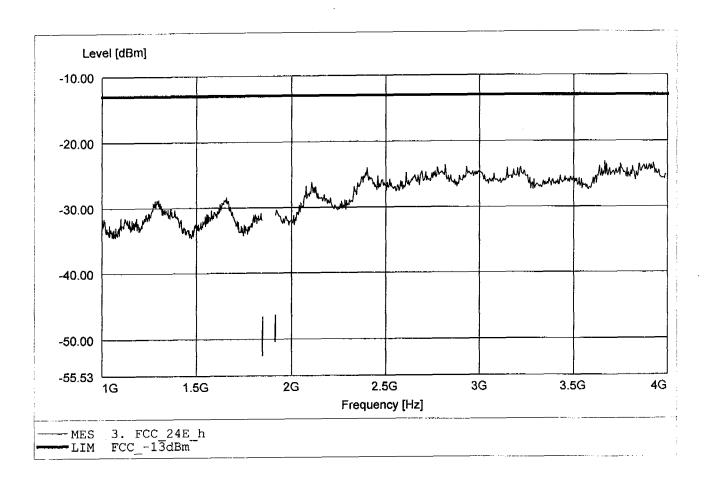
Test Specification:

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: BBHA2190D

Freq: 3.666GHz, Pmax: -23.09dBm, RBW: 1MHz/20kHz



RUCM-200 EUT :

Approval Holder: Micro Systems Engineering Inc.

Channel:

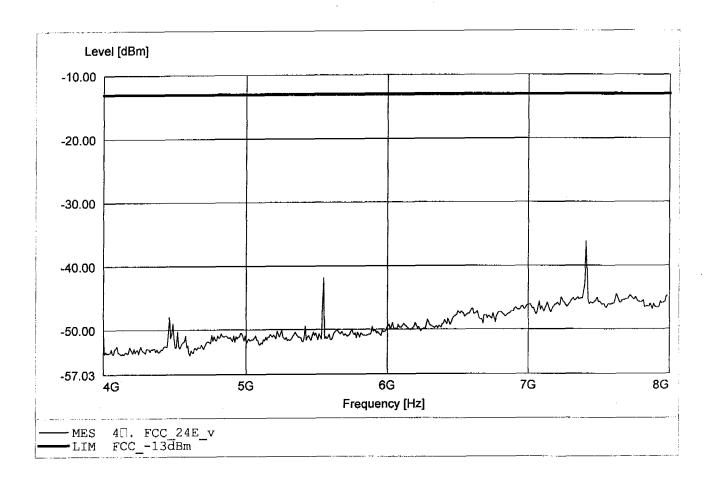
512

Unom: 12 V DC

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide according to \$24.238 Test Specification:

Comment 1: Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 7.407GHz, Pmax: -36.19dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Unom: 12 V DC

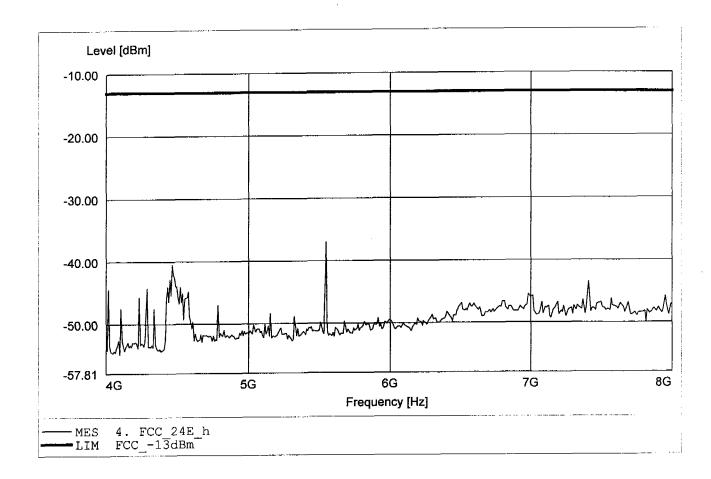
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 5.547GHz, Pmax: -36.94dBm, RBW: 1MHz



EUT :

RUCM-200 Micro Systems Engineering Inc.

Approval Holder: Channel:

512

Unom: 12 V DC

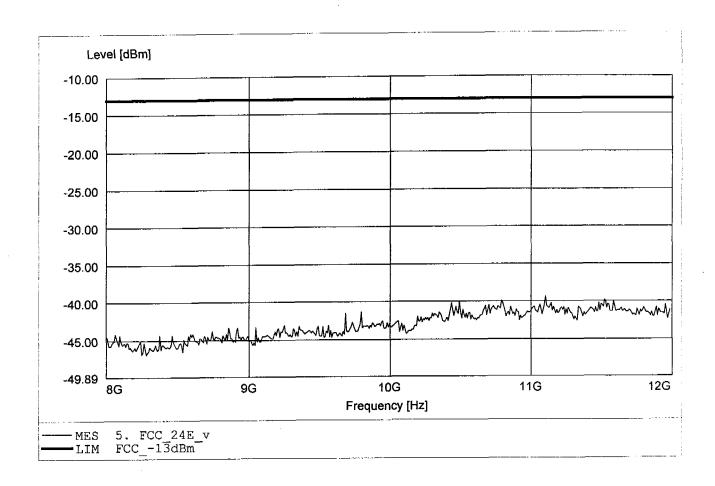
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

according to \$24.238

Test Specification: Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.102GHz, Pmax: -39.33dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

Unom: 12 V DC

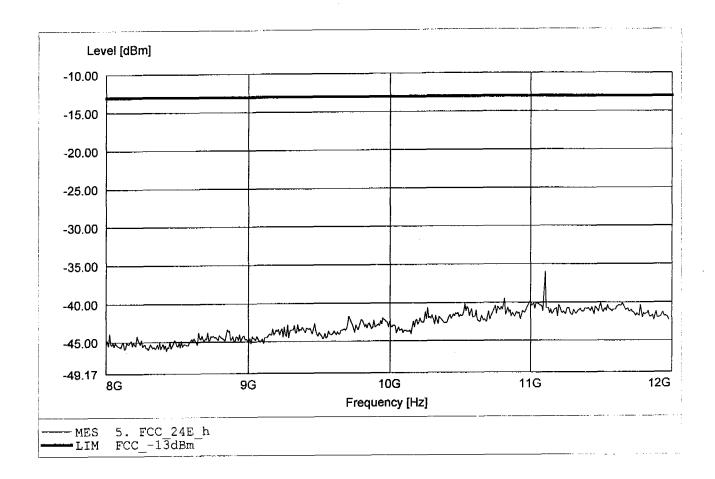
Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.102GHz, Pmax: -36.00dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Unom: 12 V DC

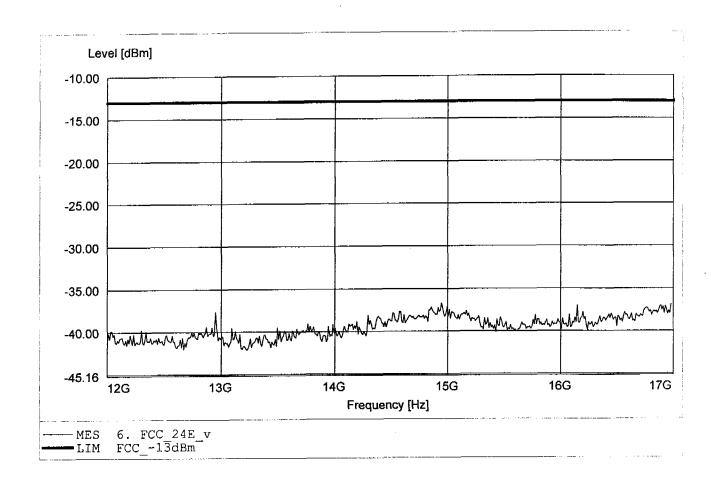
Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 14.946GHz, Pmax: -36.67dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Unom: 12 V DC

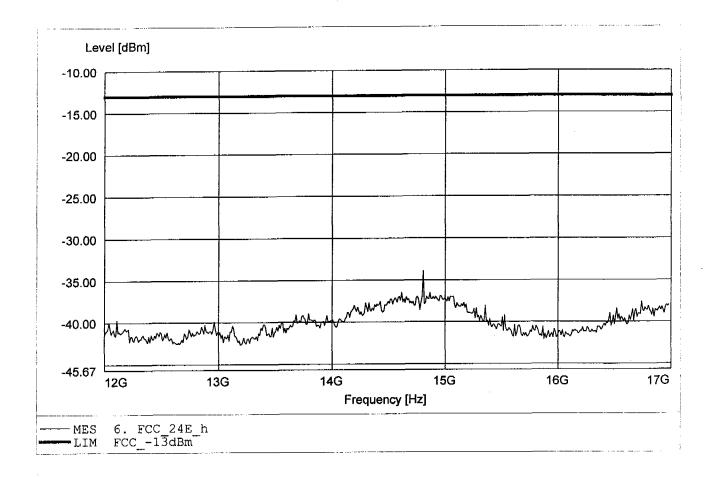
Test Specification:

Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 14.806GHz, Pmax: -33.92dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Unom: 12 V DC

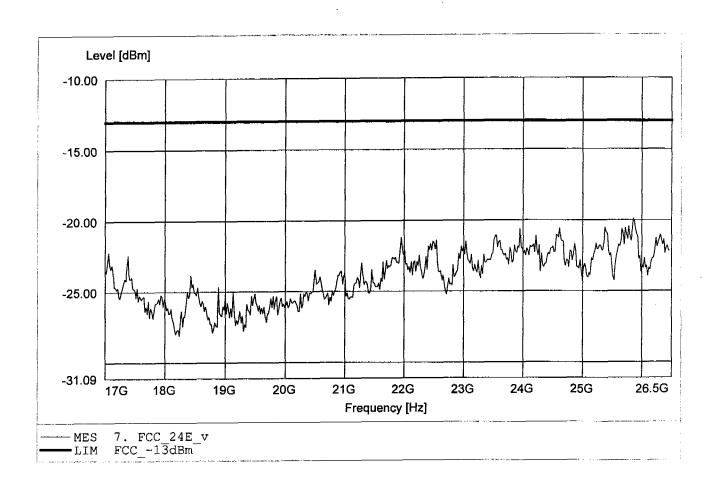
Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 25.853GHz, Pmax: -19.89dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

512

Unom: 12 V DC

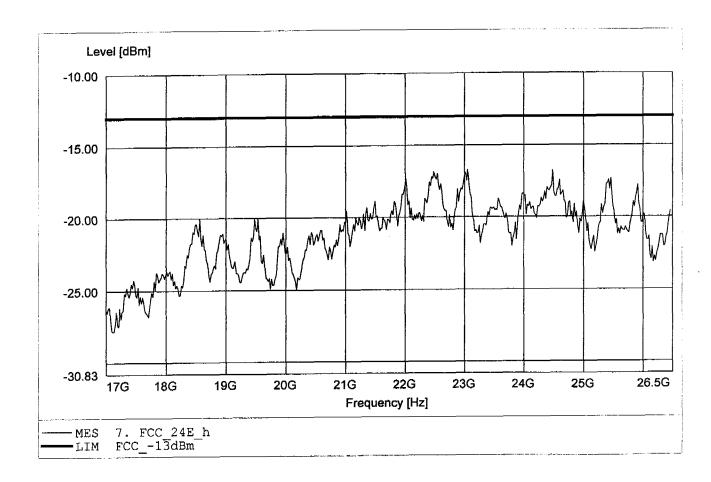
Test Specification:

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 23.054GHz, Pmax: -16.70dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Unom: 12 V DC

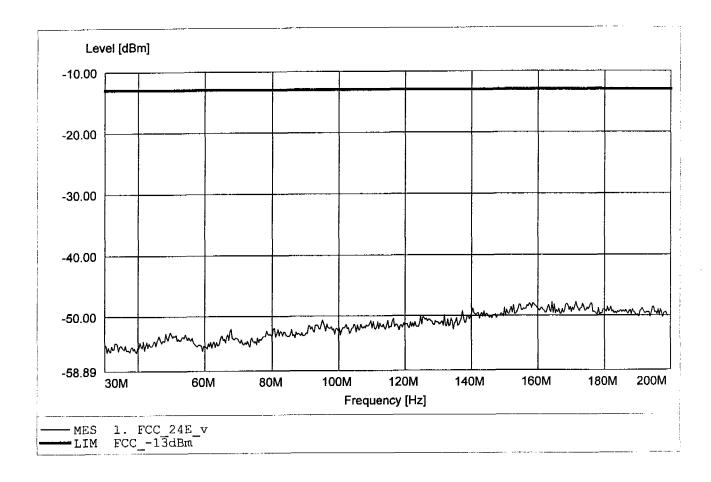
Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 171.383MHz, Pmax: ~47.75dBm, RBW: 1MHz



RUCM-200

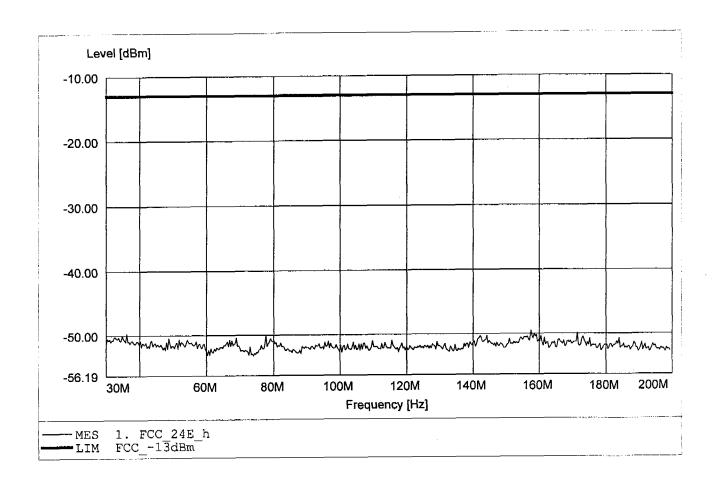
Micro Systems Engineering Inc. Approval Holder:

661 Channel:

Unom: 12 V DC

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide according to \$24.238 Test Specification: Comment 1:

Dist.: 3m, Ant.: HK 116 Freq: 157.415MHz, Pmax: -49.47dBm, RBW: 1MHz Comment 2:



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

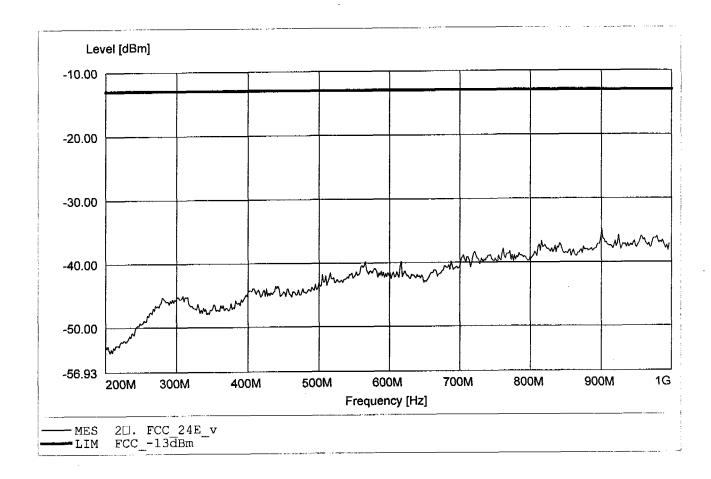
Unom: 12 V DC

Test Specification:

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL 223 Freq: 900.601MHz, Pmax: ~34.82dBm, RBW: 1MHz



EUT :

RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

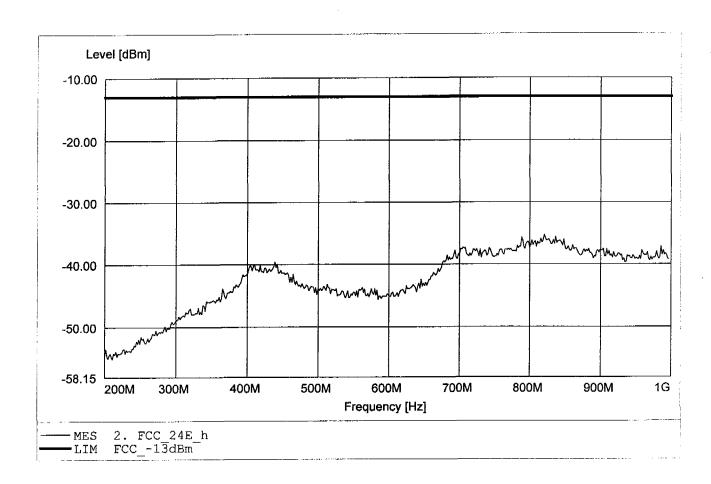
Unom: 12 V DC

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

Test Specification: Comment 1: Comment 2:

according to \$24.238 Dist.: 3m, Ant.: HL 223

Freq: 820.441MHz, Pmax: -35.23dBm, RBW: 1MHz



EUT :

RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Operating Condition:

Tnom:23°C Unom: 12 V DC

Test Sité / Operator: ETS / Mr. Heide Test Specification:

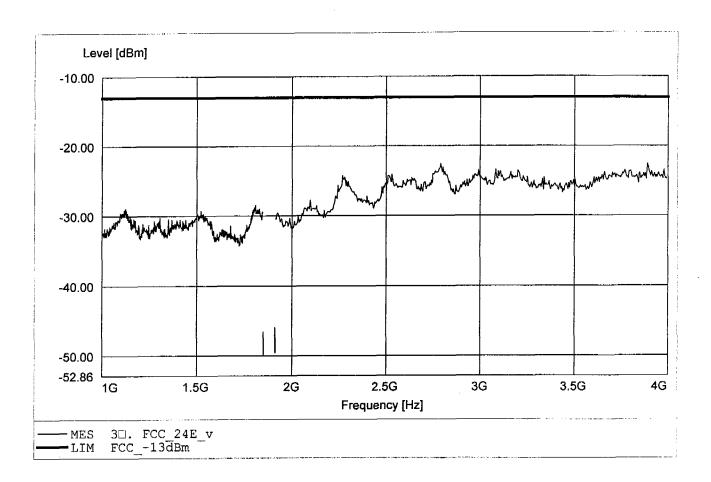
Comment 1:

according to \$24.238

Dist.: 3m, Ant.: BBHA2190D

Comment $\frac{1}{2}$:

Freq: 3.891GHz, Pmax: -22.51dBm, RBW: 1MHz/20kHz



RUCM-200

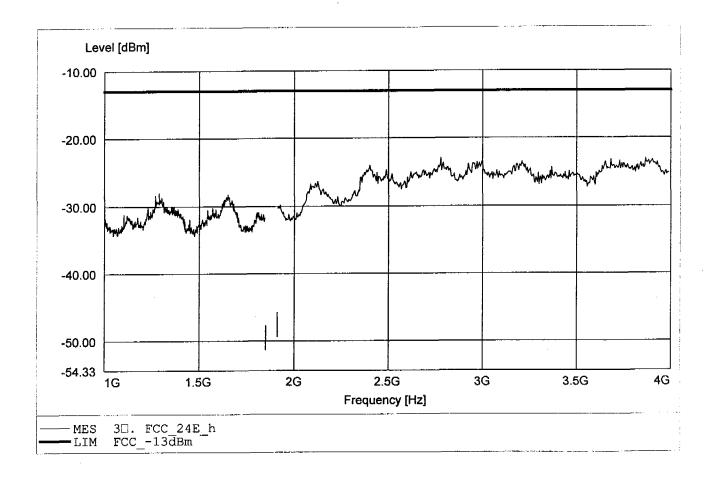
Micro Systems Engineering Inc. Approval Holder:

Channel:

Unom: 12 V DC

Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide according to \$24.238
Dist.: 3m, Ant.: BBHA2190D Test Specification:

Comment 1: Comment 2: Freq: 2.778GHz, Pmax: -22.95dBm, RBW: 1MHz/20kHz



RUCM-200

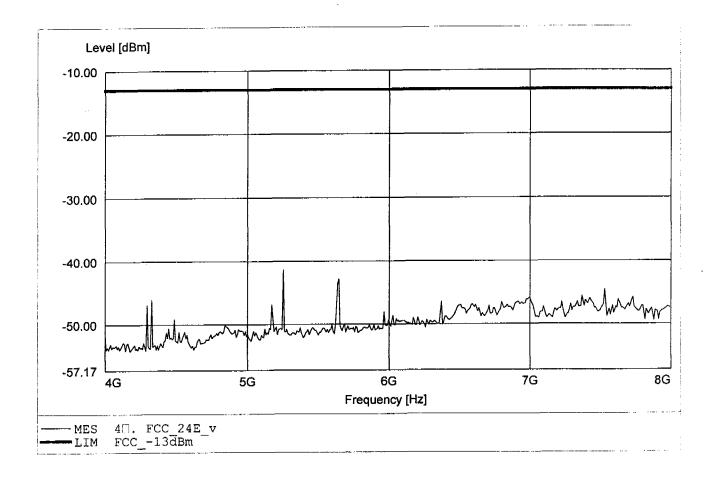
Approval Holder: Micro Systems Engineering Inc.

661 Channel:

Unom: 12 V DC

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification: according to \$24.238

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 5.251GHz, Pmax: -41.40dBm, RBW: 1MHz Comment 1: Comment 2:



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

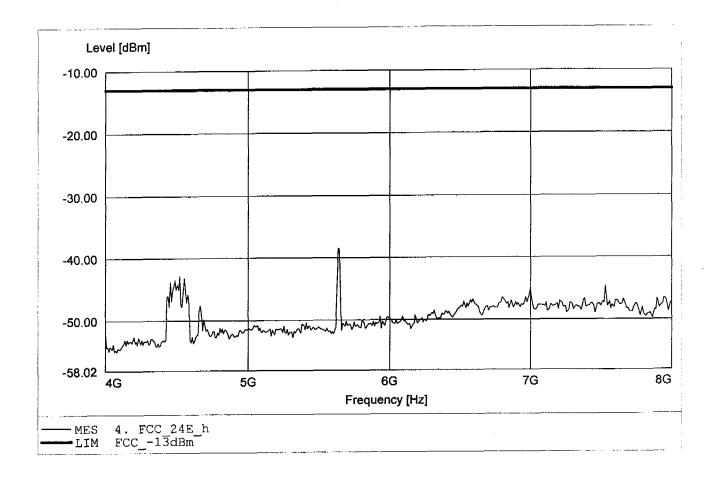
Unom: 12 V DC

Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide Test Specification: according to \$24 000 Comment 1:

according to \$24.238

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 5.635GHz, Pmax: -38.49dBm, RBW: 1MHz



RUCM-200

Approval Holder:

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Channel:

661

Unom: 12 V DC

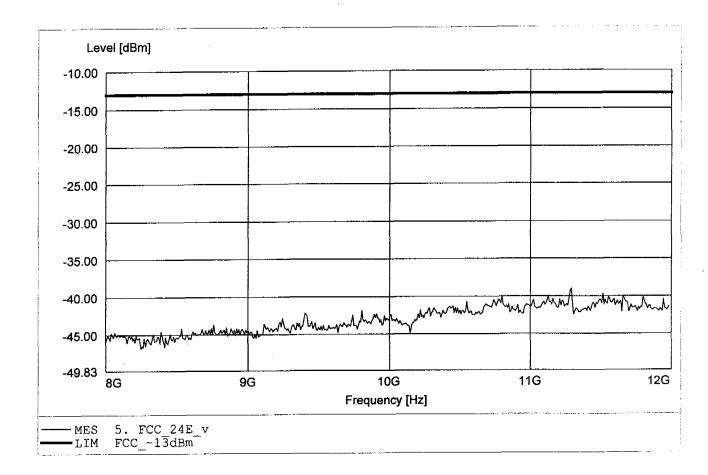
Test Specification:

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.287GHz, Pmax: -38.96dBm, RBW: 1MHz



RUCM-200

Approval Holder:

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Channel:

661

Unom: 12 V DC

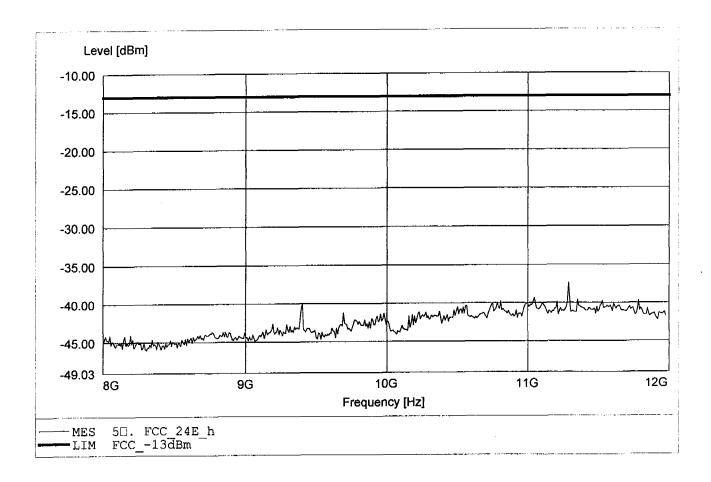
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.287GHz, Pmax: -37.36dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

Unom: 12 V DC

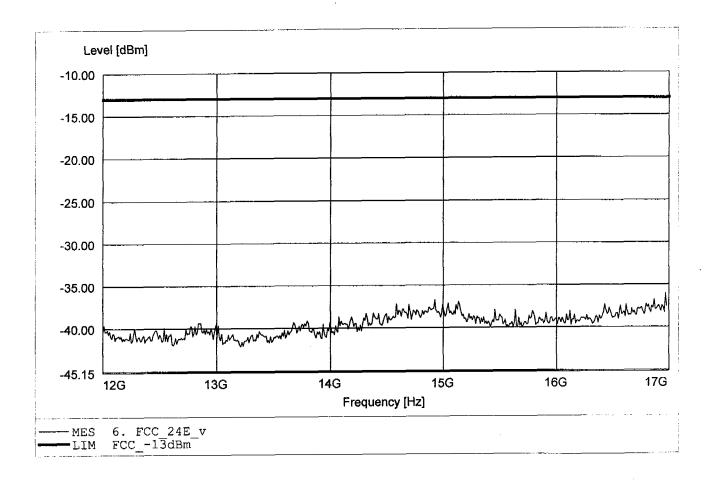
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 16.970GHz, Pmax: -36.03dBm, RBW: 1MHz



RUCM-200

Approval Holder:

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Channel:

661

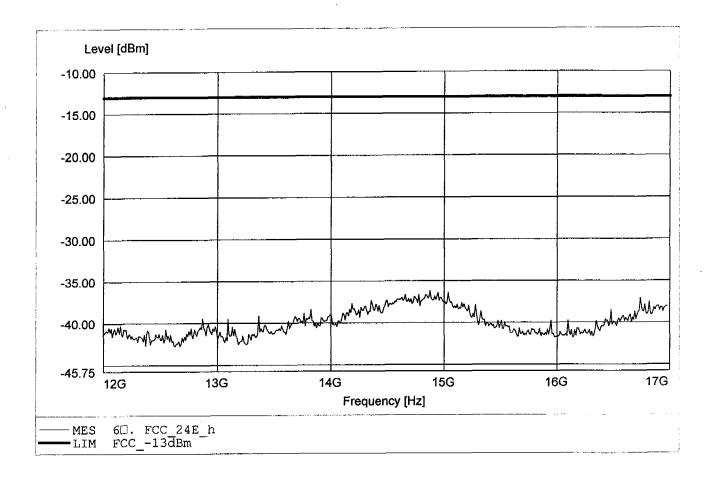
Unom: 12 V DC

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 14.876GHz, Pmax: -36.17dBm, RBW: 1MHz



EUT :

RUCM-200

Approval Holder:

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Channel:

661

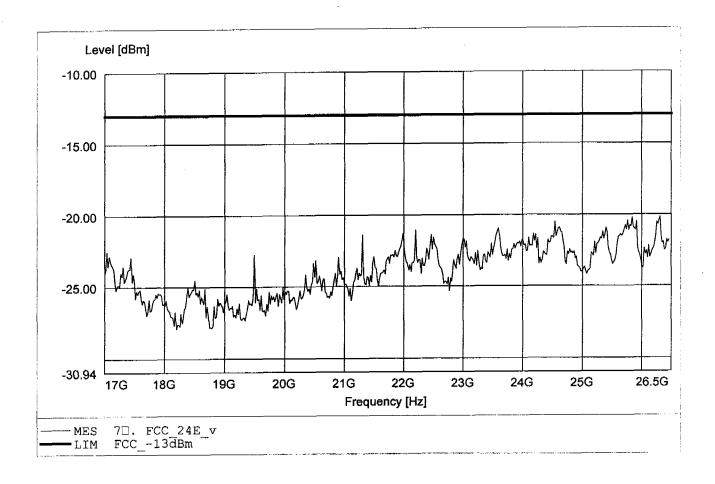
Unom: 12 V DC

Test Site / Operator: ETS / Mr. Heide Test Specification: according to 201

Comment 1: Comment 2:

according to \$24.238
Dist.: 3m, Ant.: HL025, amplif.

Freq: 26.310GHz, Pmax: -20.13dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

661

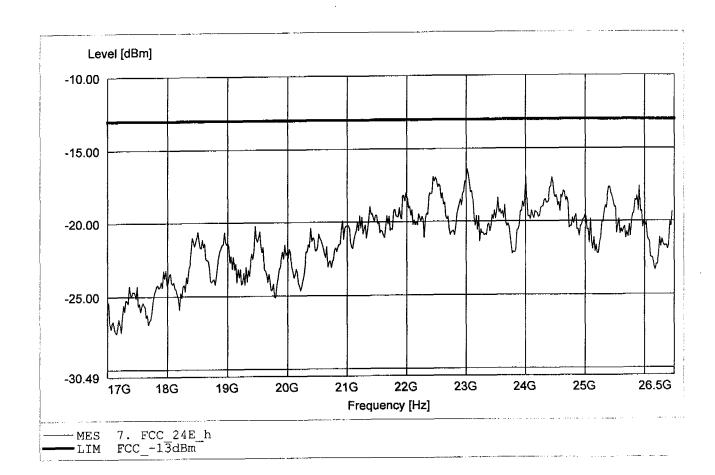
Unom: 12 V DC

Operating Condition: Tnom:23°C / Uno Test Site / Operator: ETS / Mr. Heide Test Specification: according to \$24.238 Test Specification:

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 23.016GHz, Pmax: -16.39dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

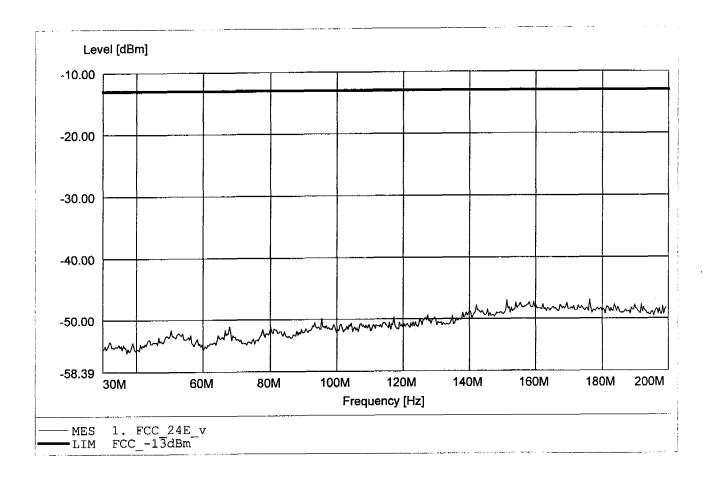
Unom: 12 V DC

Test Specification:

Comment 1: Comment 2:

according to \$24.238 Dist.: 3m, Ant.: HK 116

Freq: 176.152MHz, Pmax: -46.95dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Unom: 12 V DC

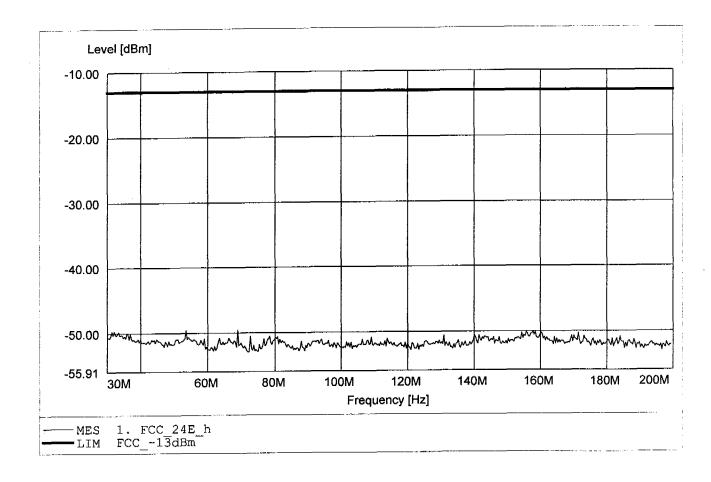
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 53.507MHz, Pmax: -49.52dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Operating Condition:

Tnom:23°C / Unom: 12 V DC

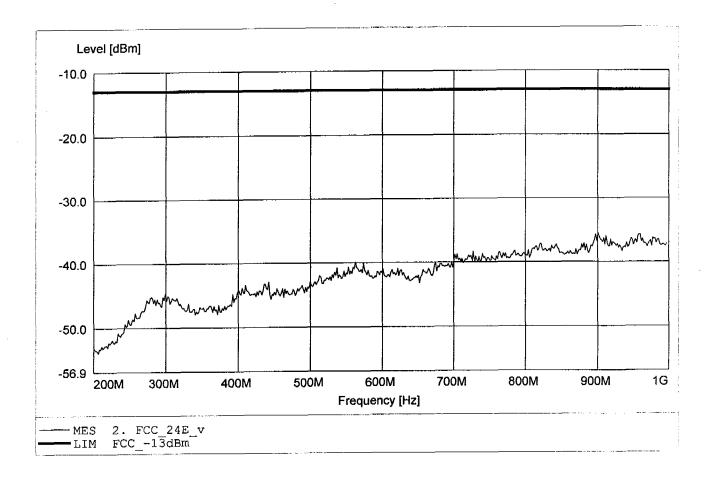
Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL 223

Freq: 900.601MHz, Pmax: -35.53dBm, RBW: 1MHz



EUT :

RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Unom: 12 V DC

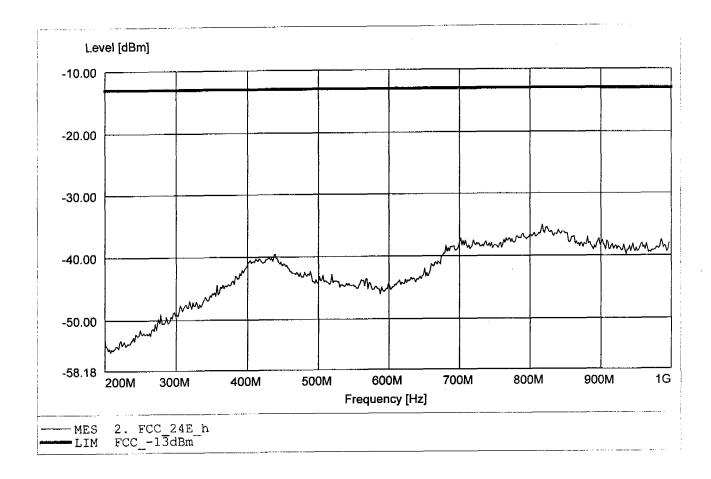
Test Site / Operator: ETS / Mr. Heide Test Specification: according to 201

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL 223

Freq: 817.234MHz, Pmax: -35.06dBm, RBW: 1MHz



EUT : RUCM-200

Micro Systems Engineering Inc. Approval Holder:

Channel:

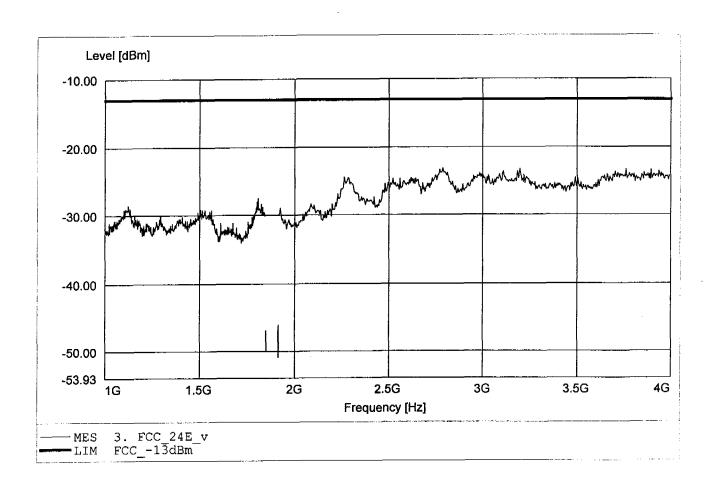
810

Unom: 12 V DC

Operating Condition: Tnom:23°C / Unc Test Site / Operator: ETS / Mr. Heide Test Specification: according to \$24.238

Dist.: 3m, Ant.: BBHA2190D

Comment 1: Comment 2: Freq: 2.788GHz, Pmax: -23.08dBm, RBW: 1MHz/20kHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

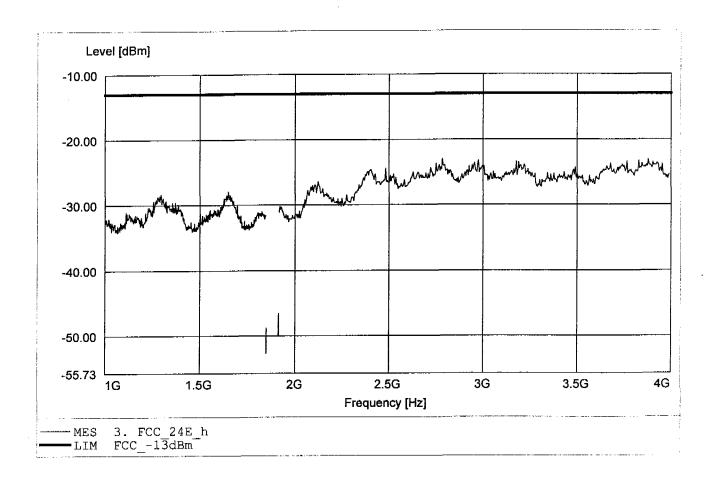
Unom: 12 V DC

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

Comment 1:

Comment 2:

according to \$24.238
Dist.: 3m, Ant.: BBHA2190D
Freq: 2.784GHz, Pmax: -22.97dBm, RBW: 1MHz/20kHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

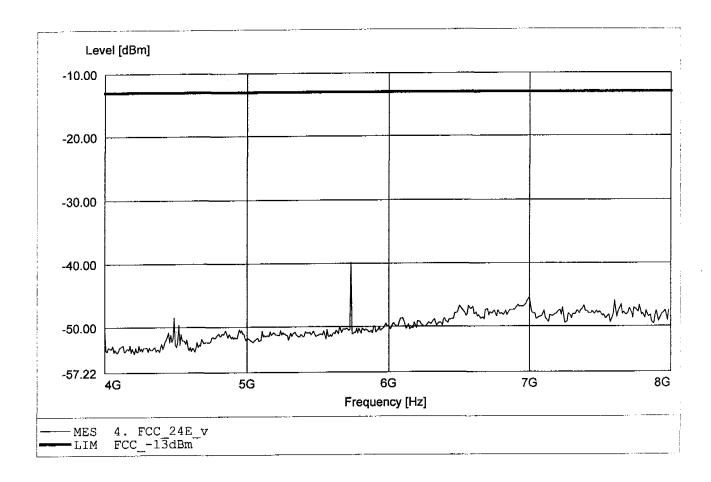
Unom: 12 V DC

Operating Condition: Tnom:23°C / Un Test Site / Operator: ETS / Mr. Heide Test Specification: according to \$24.238

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 5.731GHz, Pmax: -39.85dBm, RBW: 1MHz



RUCM-200

Approval Holder:

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Channel:

810

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

Unom: 12 V DC

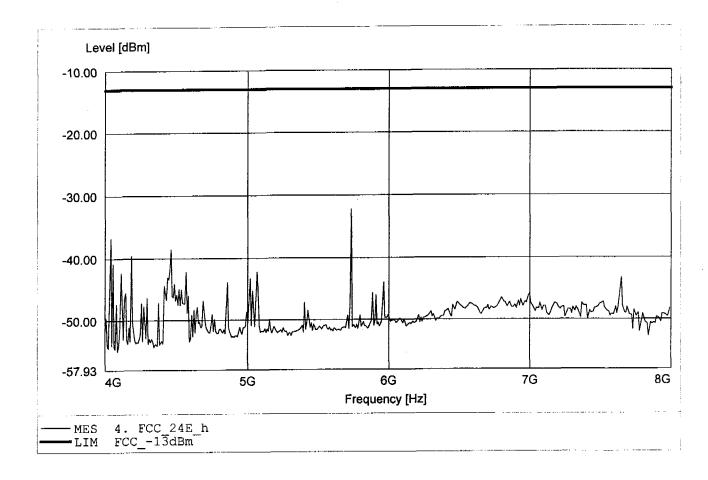
Test Specification:

Comment 1:

according to \$24.238 Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 2:

Freq: 5.731GHz, Pmax: -32.21dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Unom: 12 V DC

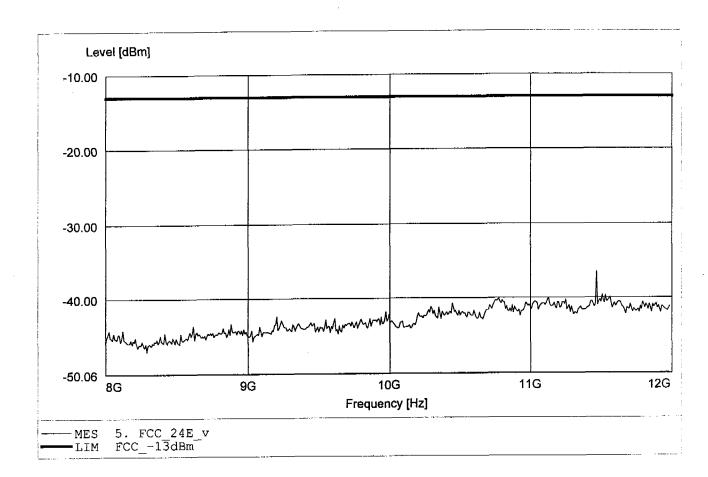
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

Comment 1:

according to \$24.238

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.463GHz, Pmax: -36.46dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Unom: 12 V DC

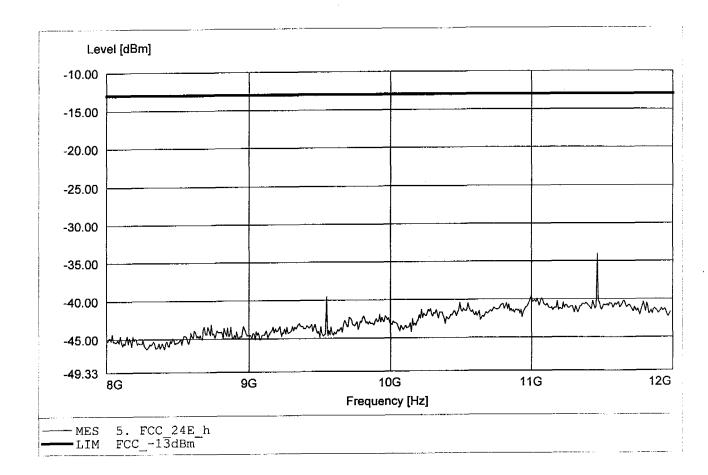
Test Specification:

Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide

Comment 1: Comment 2:

according to \$24.238

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.463GHz, Pmax: -34.06dBm, RBW: 1MHz



RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

Unom: 12 V DC

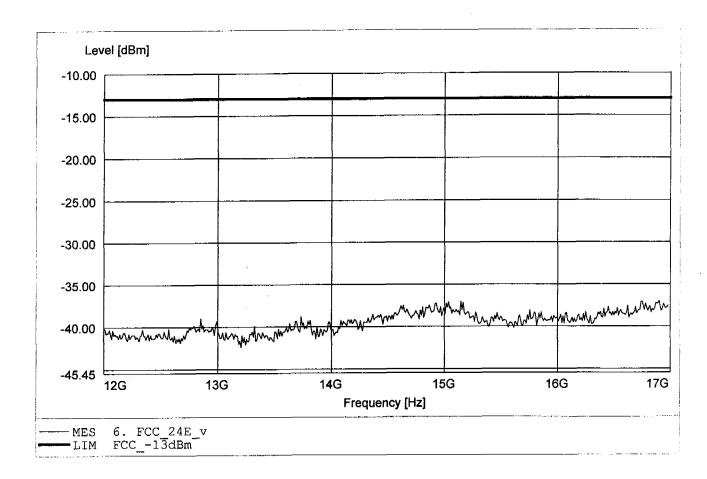
Operating Condition: Tnom:23°C / Ur Test Site / Operator: ETS / Mr. Heide Test Specification:

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Freq: 16.900GHz, Pmax: -36.98dBm, RBW: 1MHz



RUCM-200

Micro Systems Engineering Inc. Approval Holder:

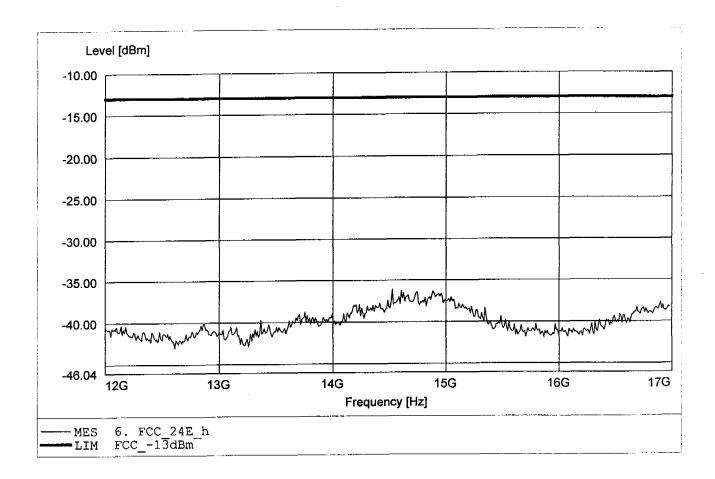
810 Channel:

Unom: 12 V DC

Test Site / Operator: ETS / Mr. Heide Test Specification: according according to \$24.238

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 1: Comment 2: Freq: 14.525GHz, Pmax: -36.10dBm, RBW: 1MHz



EUT :

RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

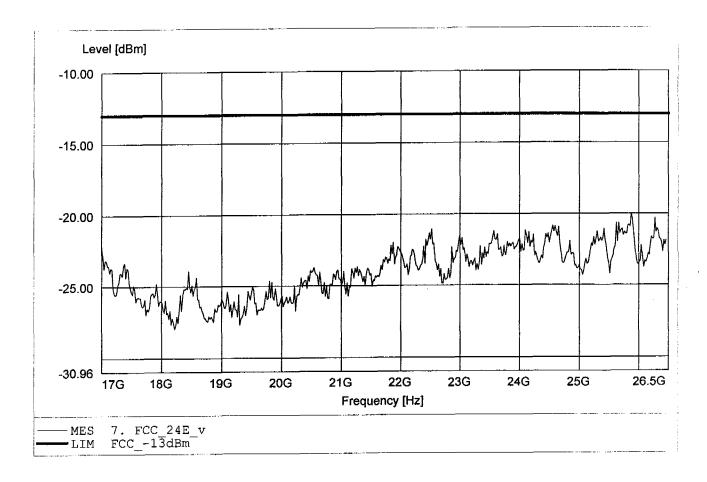
Unom: 12 V DC

Test Site / Operator: ETS / Mr. Heide Test Specification: according to 201

Comment 1: Comment 2:

according to \$24.238

Dist.: 3m, Ant.: HL025, amplif. Freq: 25.872GHz, Pmax: -19.98dBm, RBW: 1MHz



EUT :

RUCM-200

Approval Holder:

Micro Systems Engineering Inc.

Channel:

810

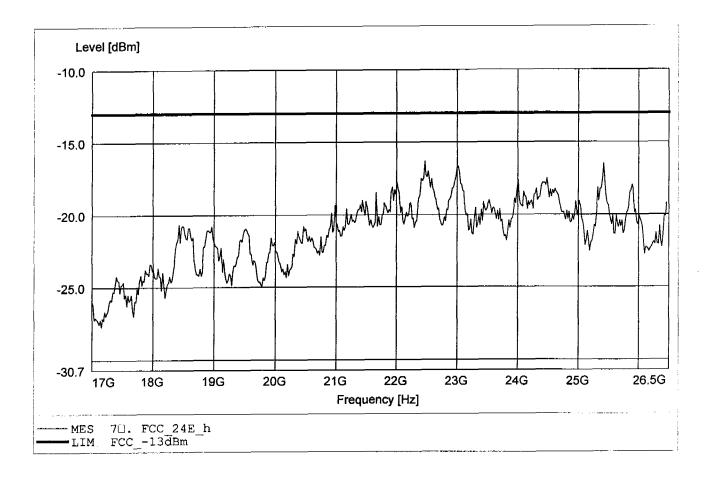
Unom: 12 V DC

Test Site / Operator: ETS / Mr. Heide Test Specification: according

Comment 1: Comment 2:

according to \$24.238

Dist.: 3m, Ant.: HL025, amplif. Freq: 22.464GHz, Pmax: -16.32dBm, RBW: 1MHz





Appendix F

Line Conducted Emissions

No test



Appendix G

Frequency Stability vs. Temperature

No diagrams Refer to point 9.2



Appendix H

Frequency Stability vs. Voltage

No diagrams Refer to point 10.2