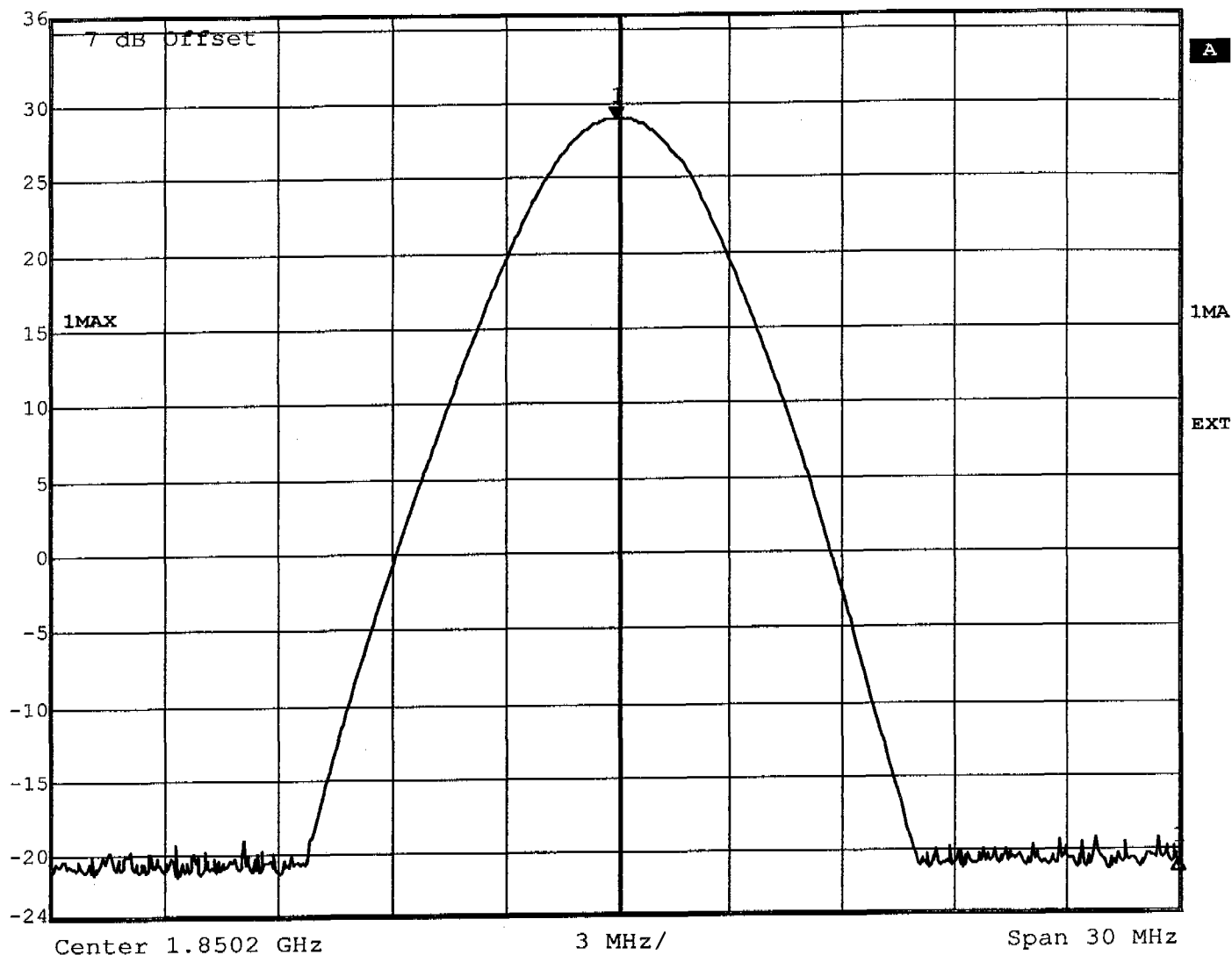


Appendix B

RF Power Output



Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
36 dBm	28.94 dBm	VBW	3 MHz		
	1.85016994 GHz	SWT	5 ms	Unit	dBm



Title: Model: RUCM 200
Comment A: Outputpower conducted channel 512
Date: 19.NOV.2002 11:15:12



Marker 1 [T1]

RBW

3 MHz

RF Att

50 dB

Ref Lvl

29.06 dBm

VBW

3 MHz

36 dBm

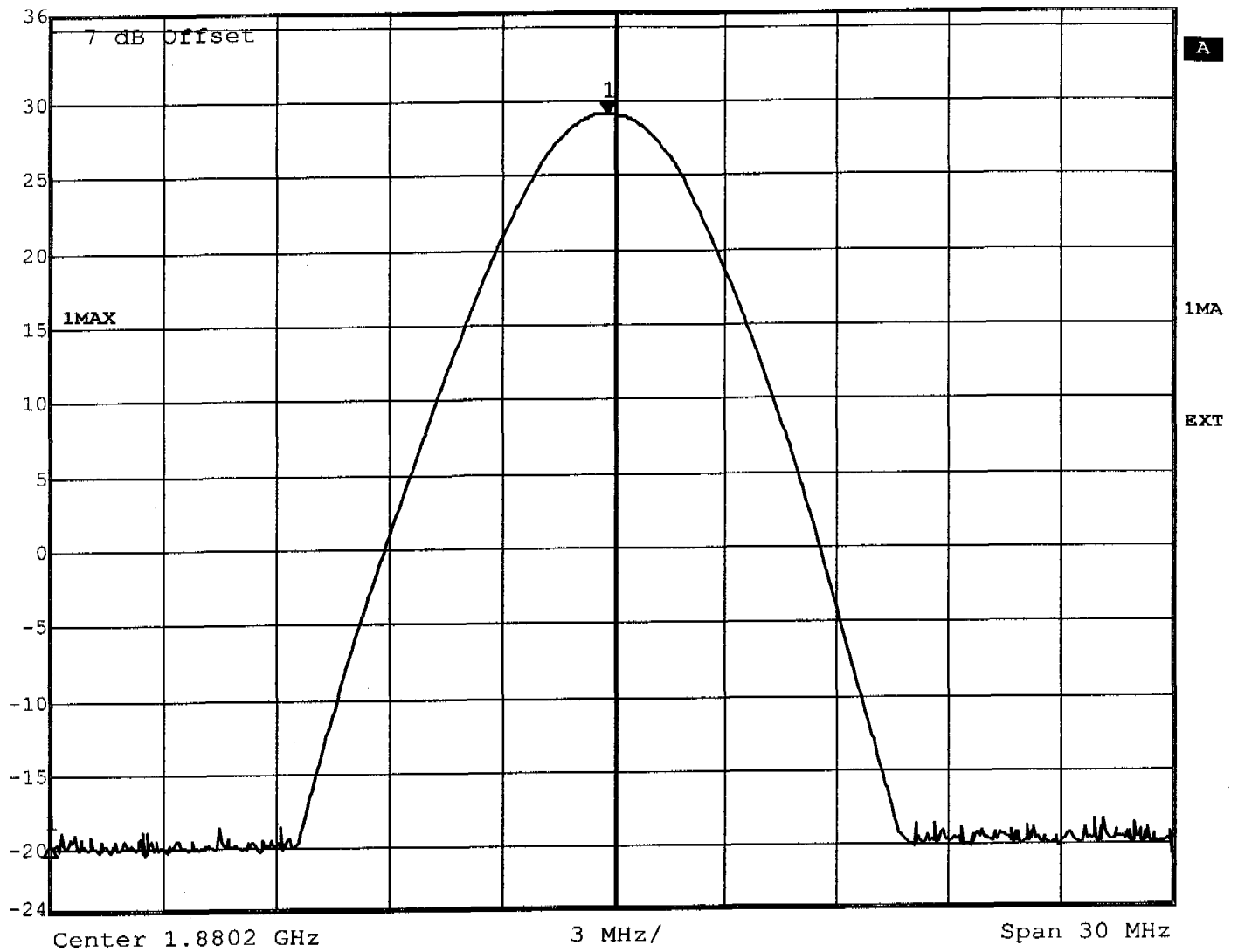
1.88004970 GHz

SWT

5 ms

Unit

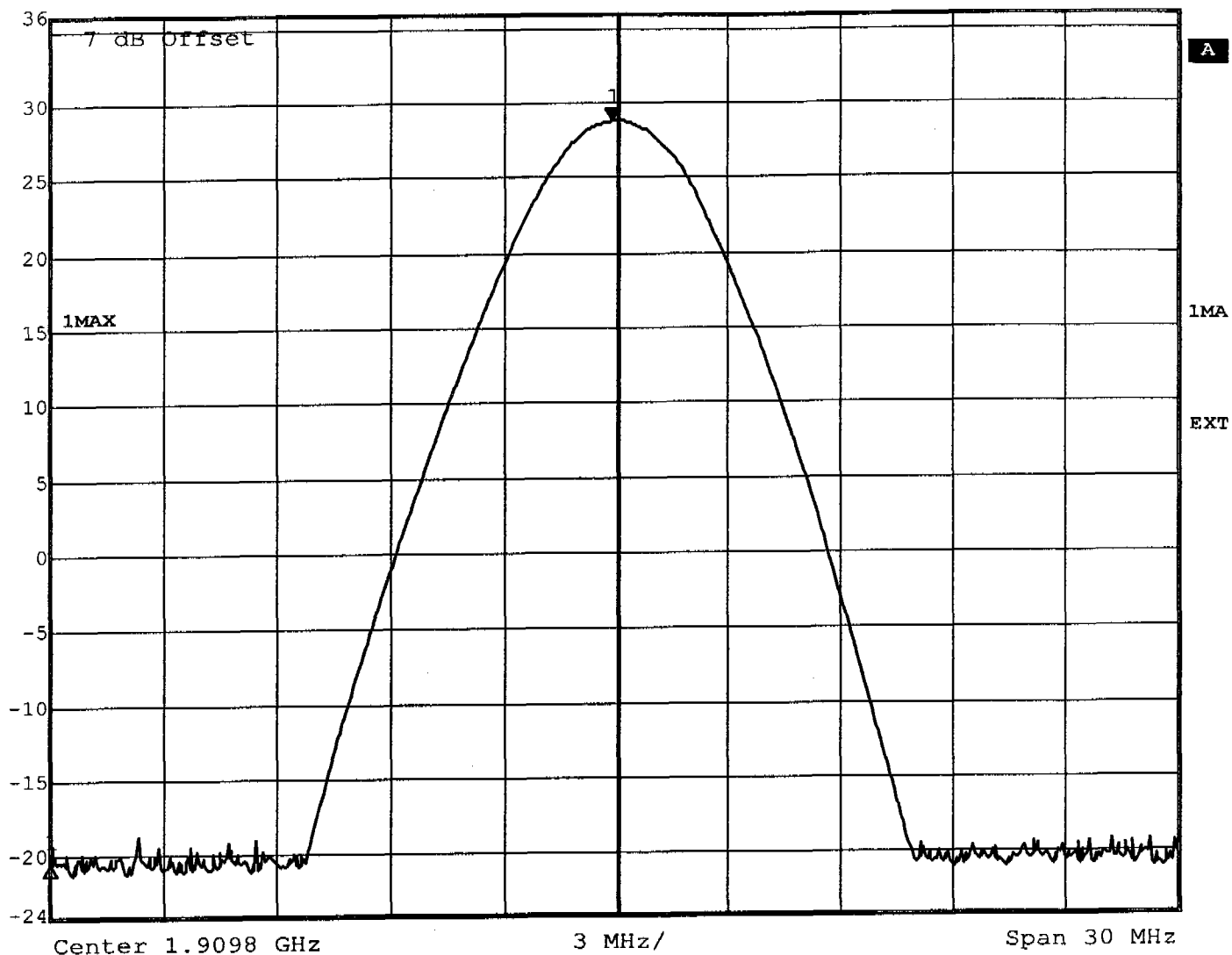
dBm



Title: Model: RUCM 200
Comment A: Outputpower conducted channel 661
Date: 19.NOV.2002 11:13:24



Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
36 dBm	28.68 dBm	VBW	3 MHz		
	1.90970982 GHz	SWT	5 ms	Unit	dBm



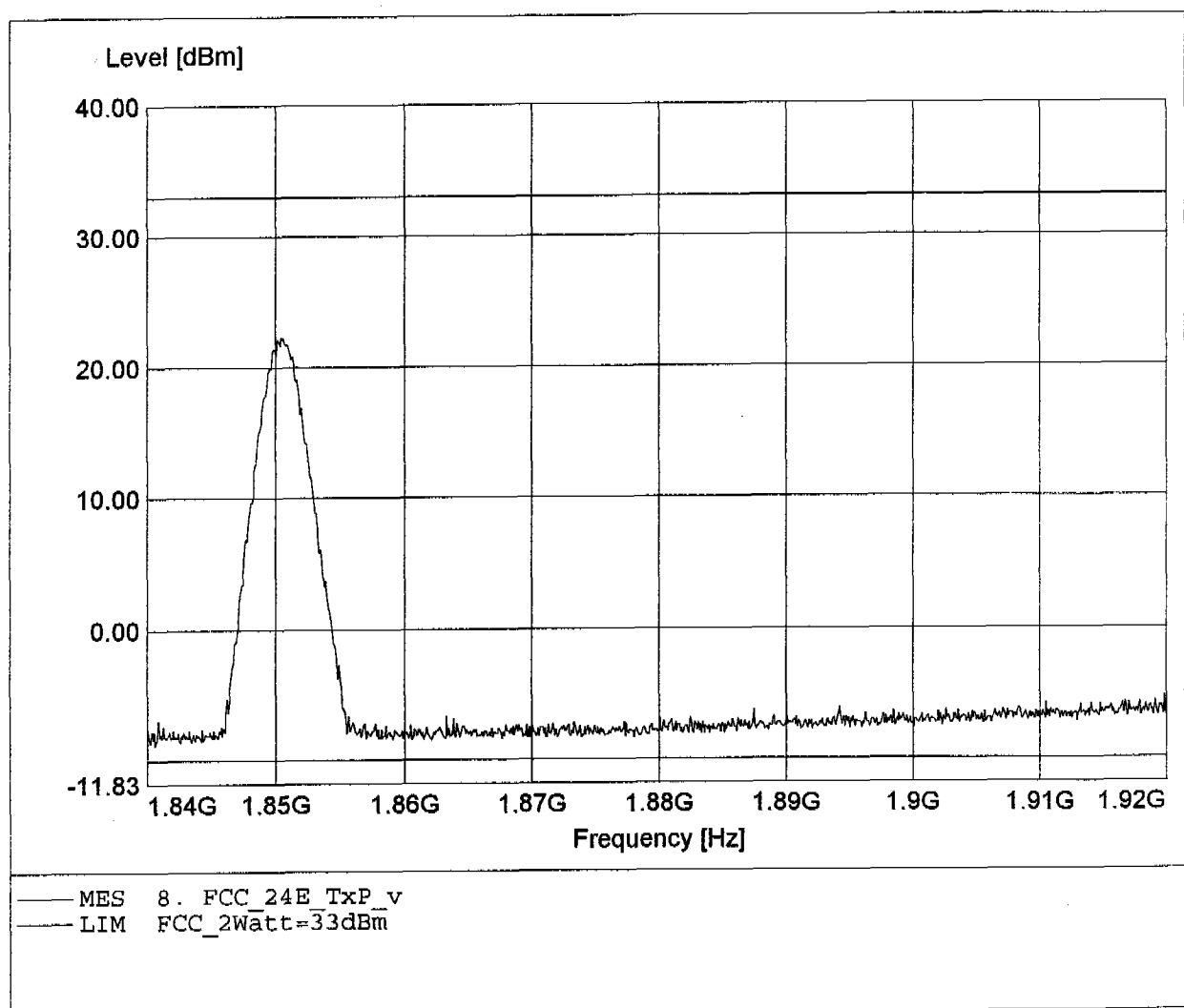
Title: Model: RUCM 200
Comment A: Outputpower conducted channel 810
Date: 19.NOV.2002 11:17:12

Appendix C

Radiated Power

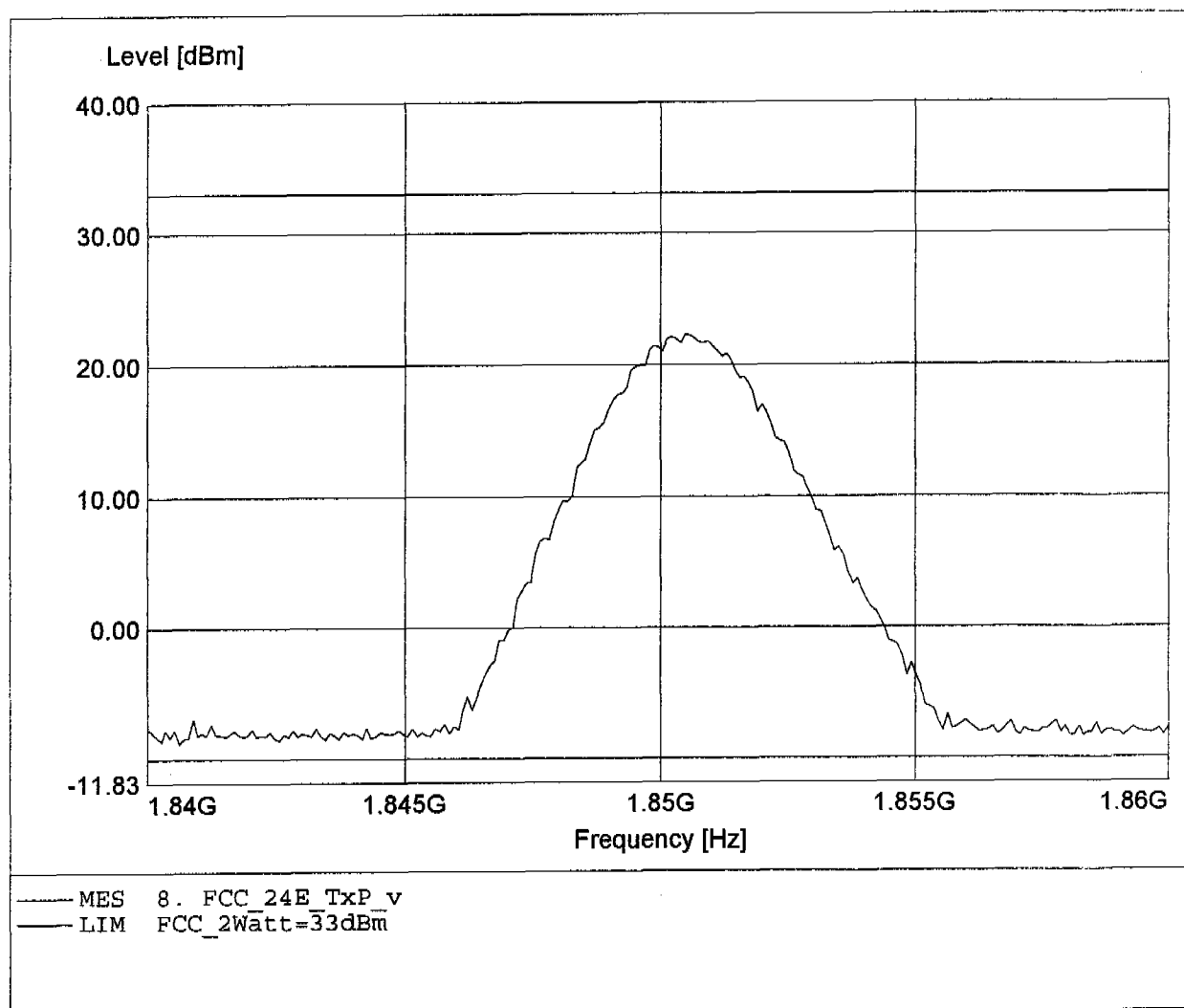
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



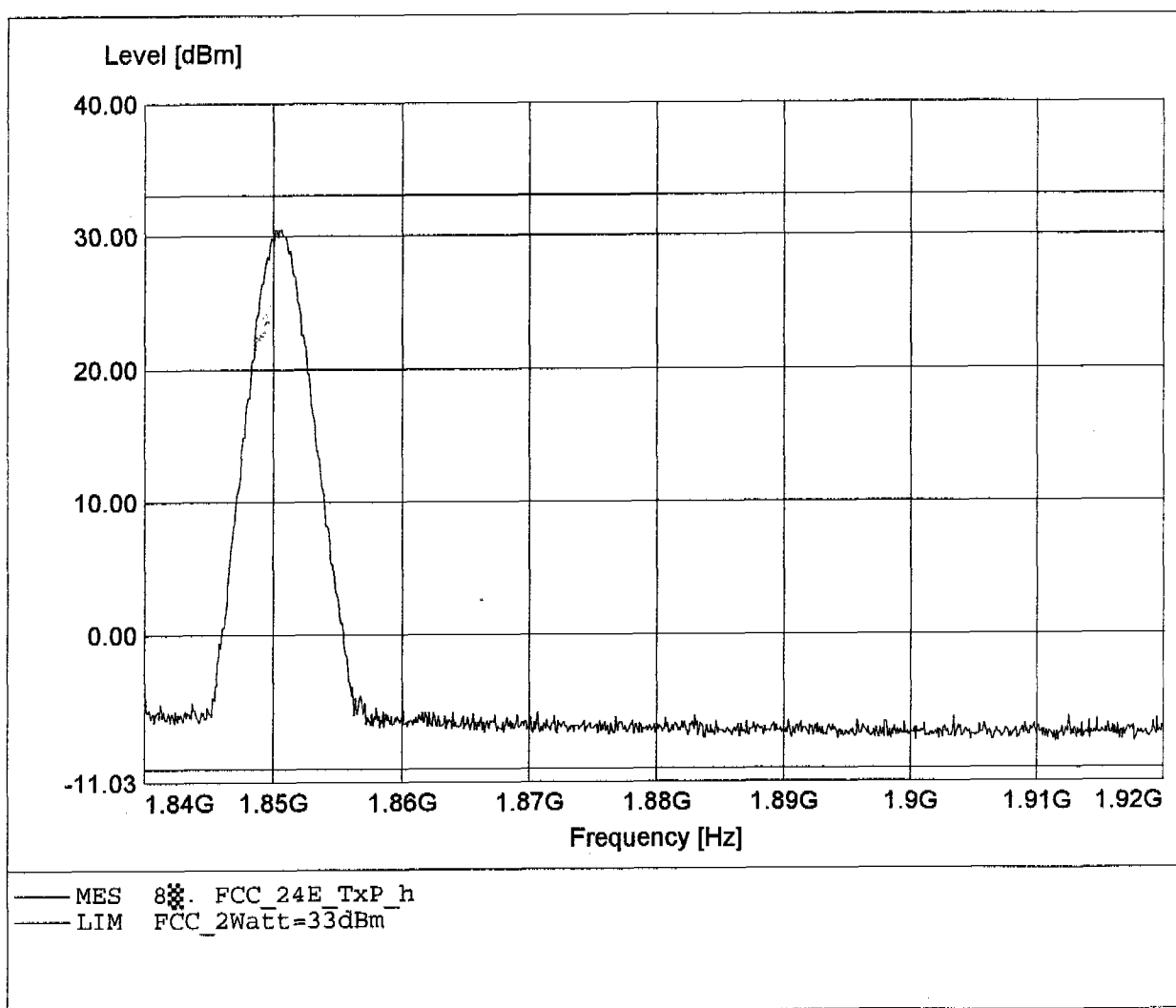
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



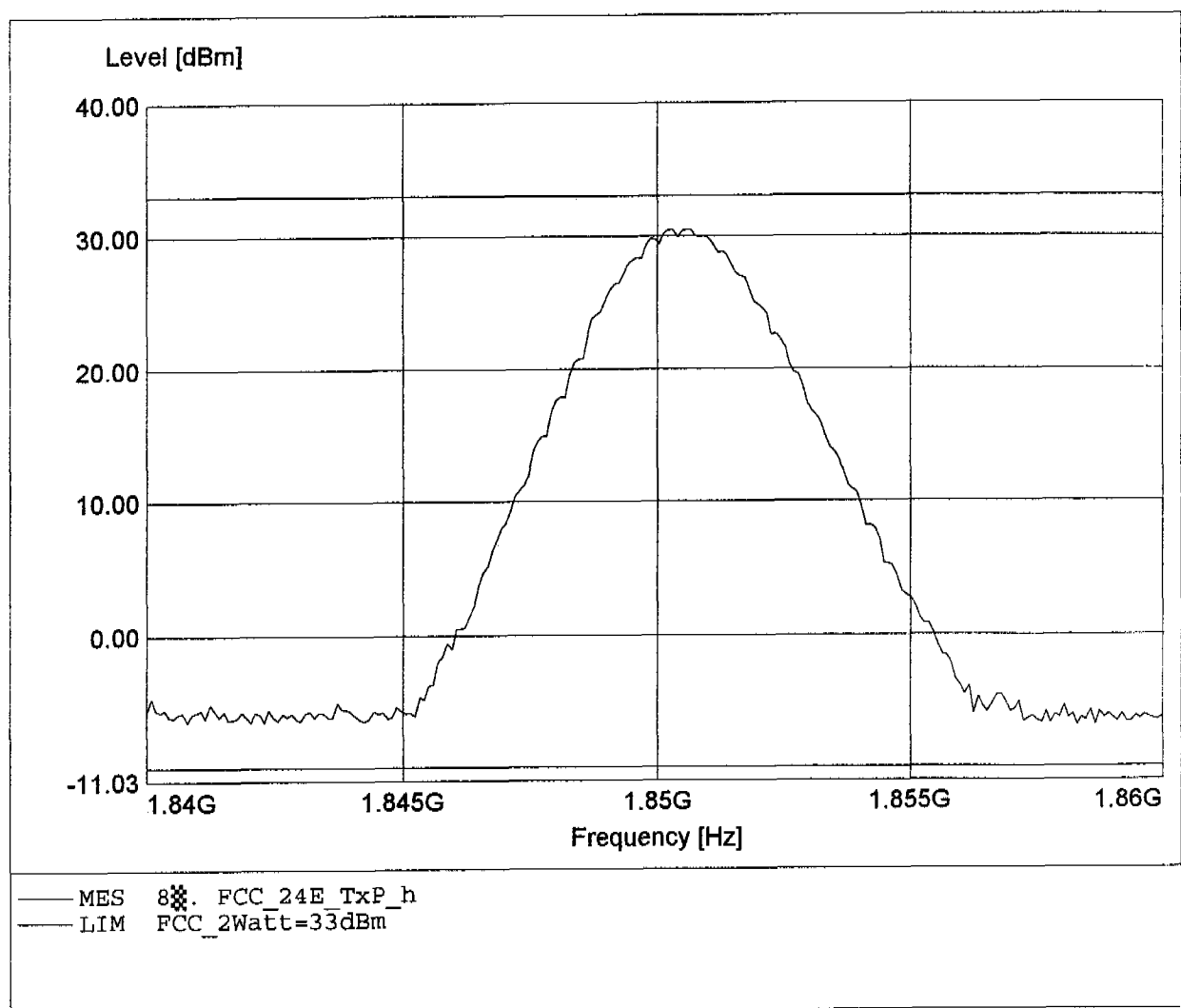
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

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



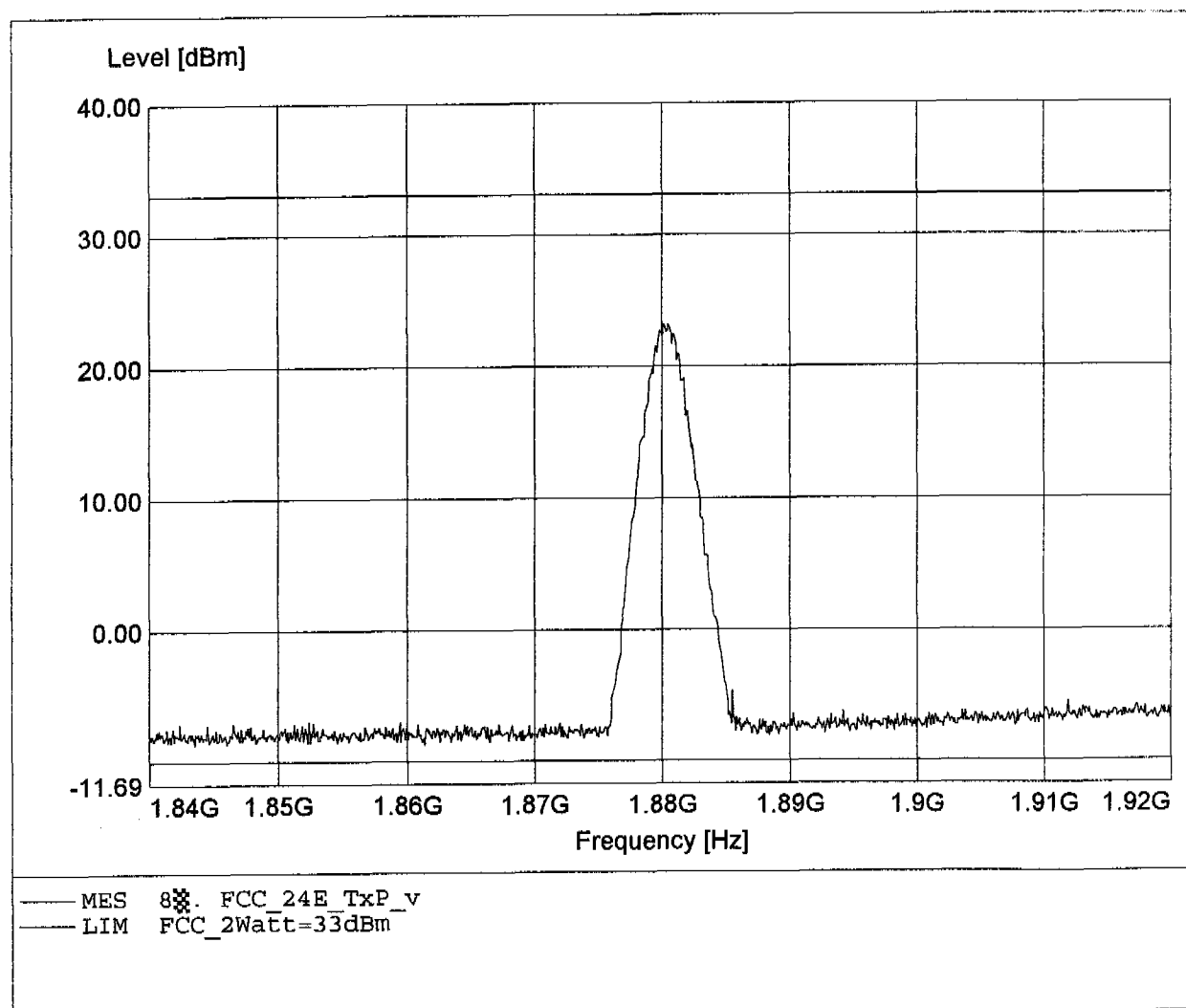
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



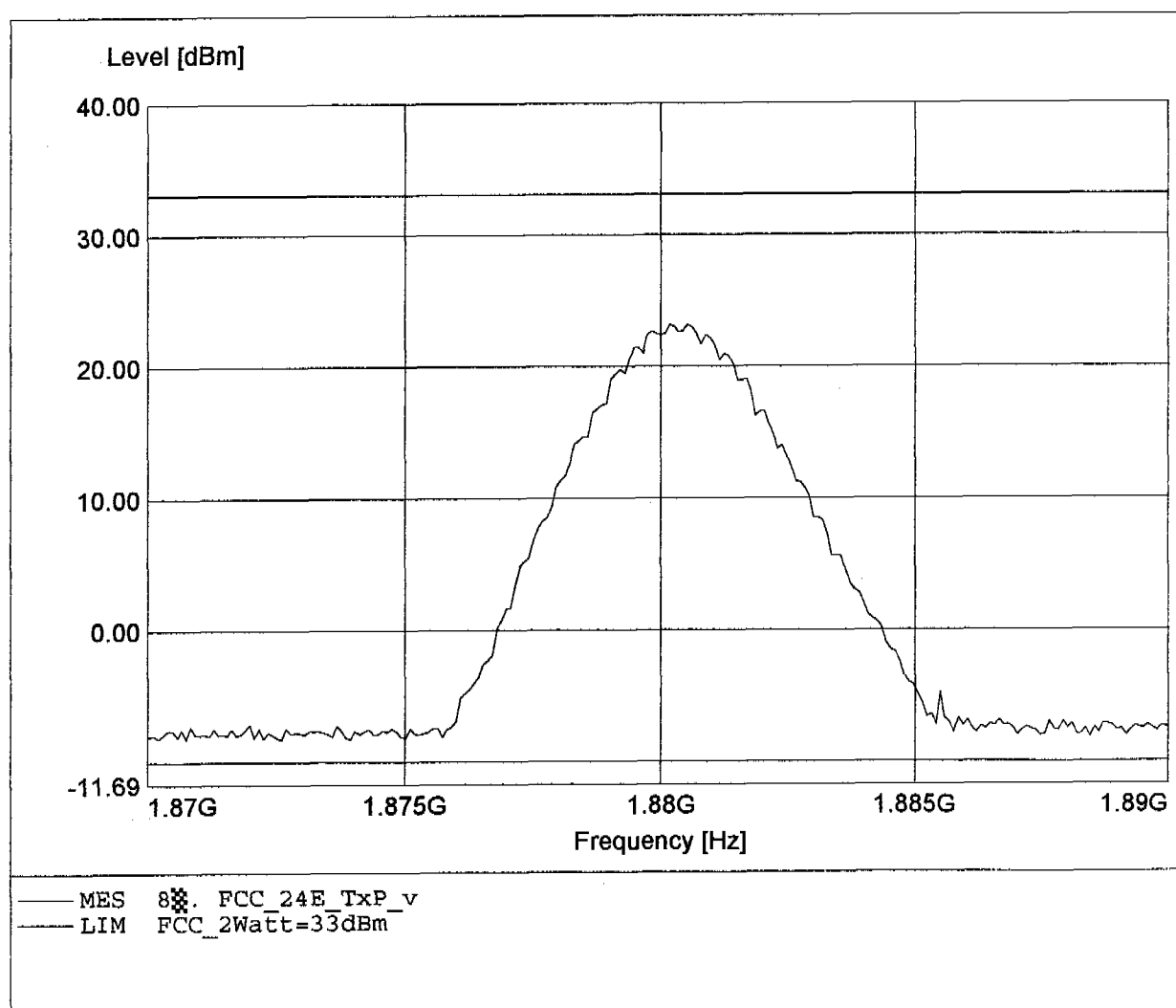
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



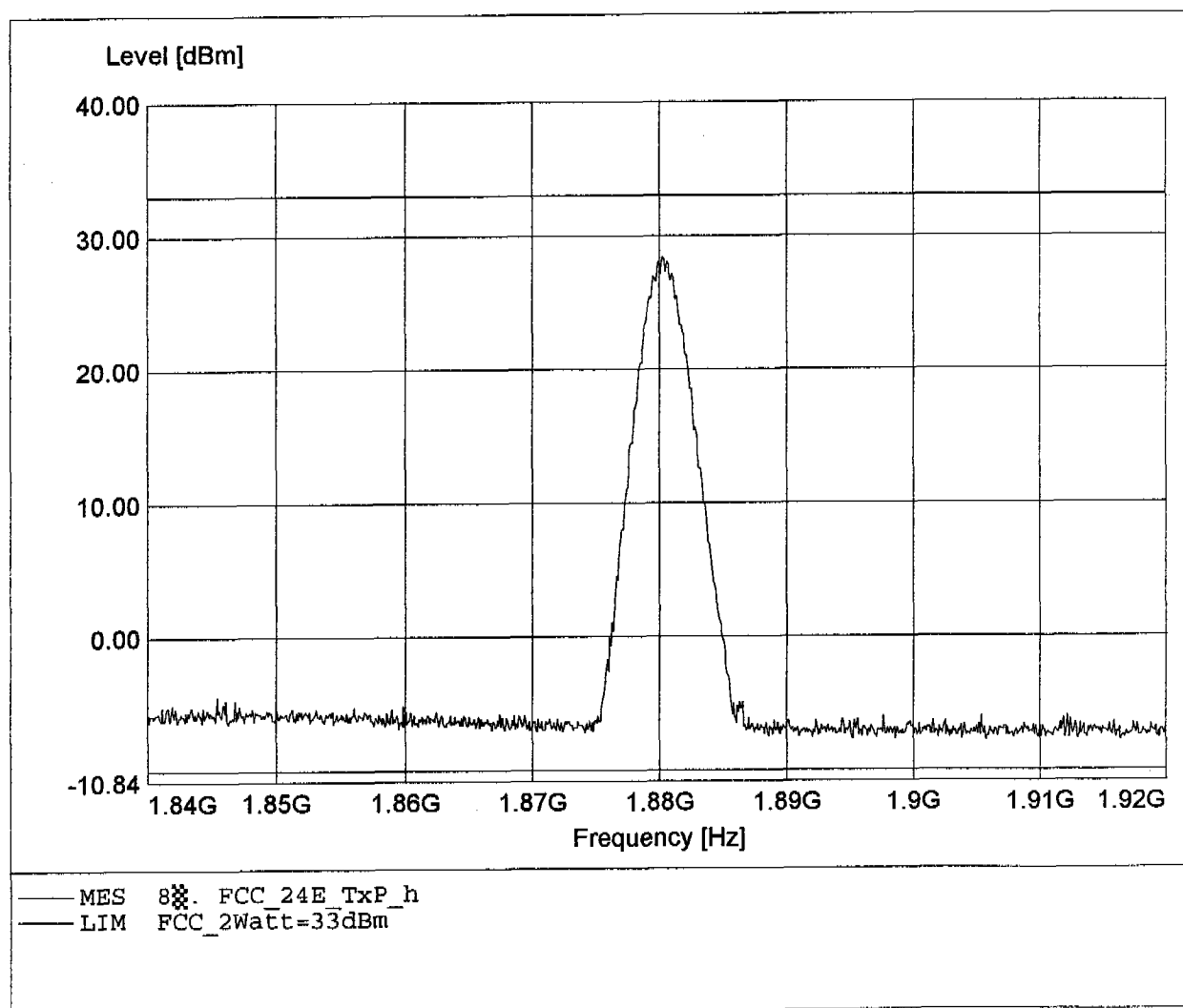
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



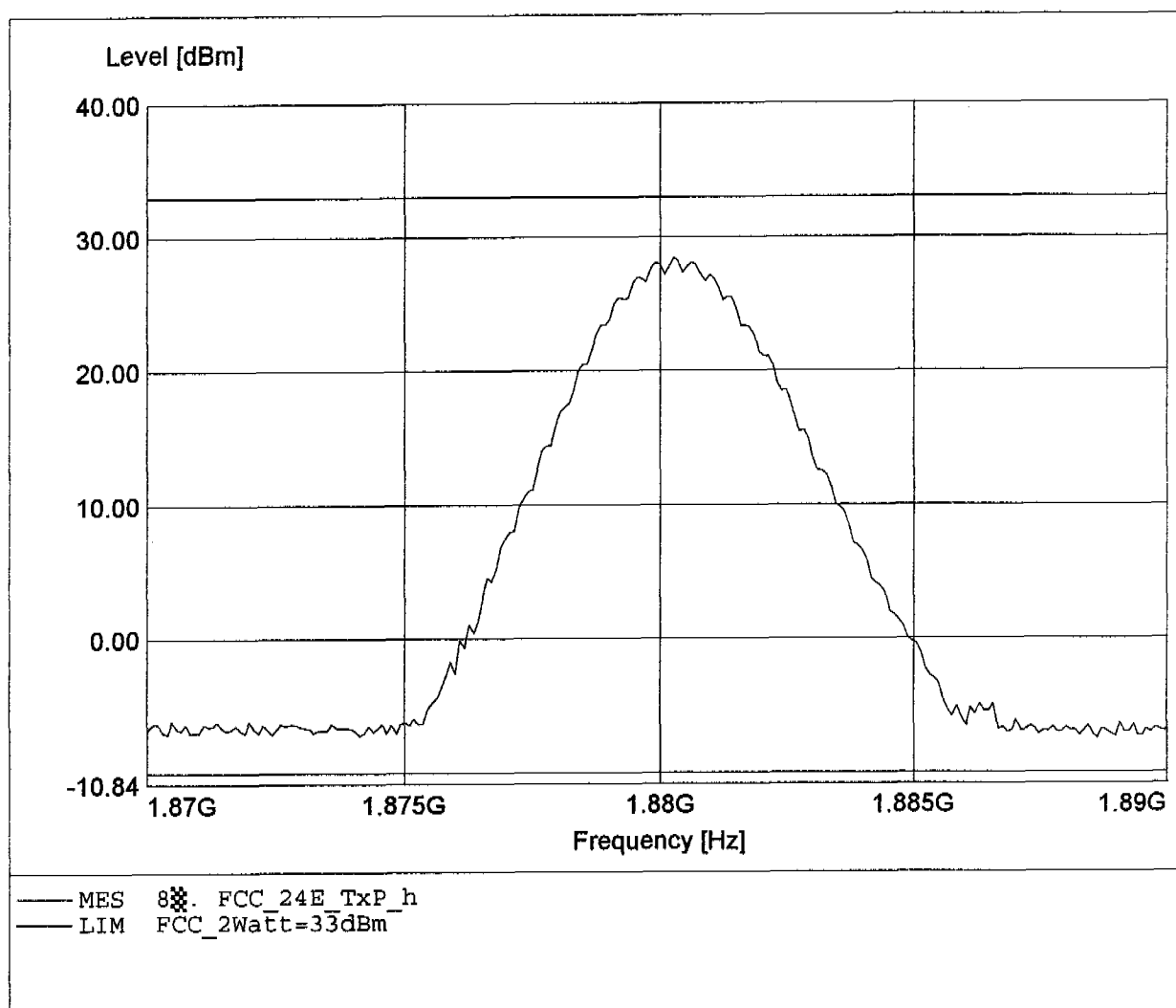
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



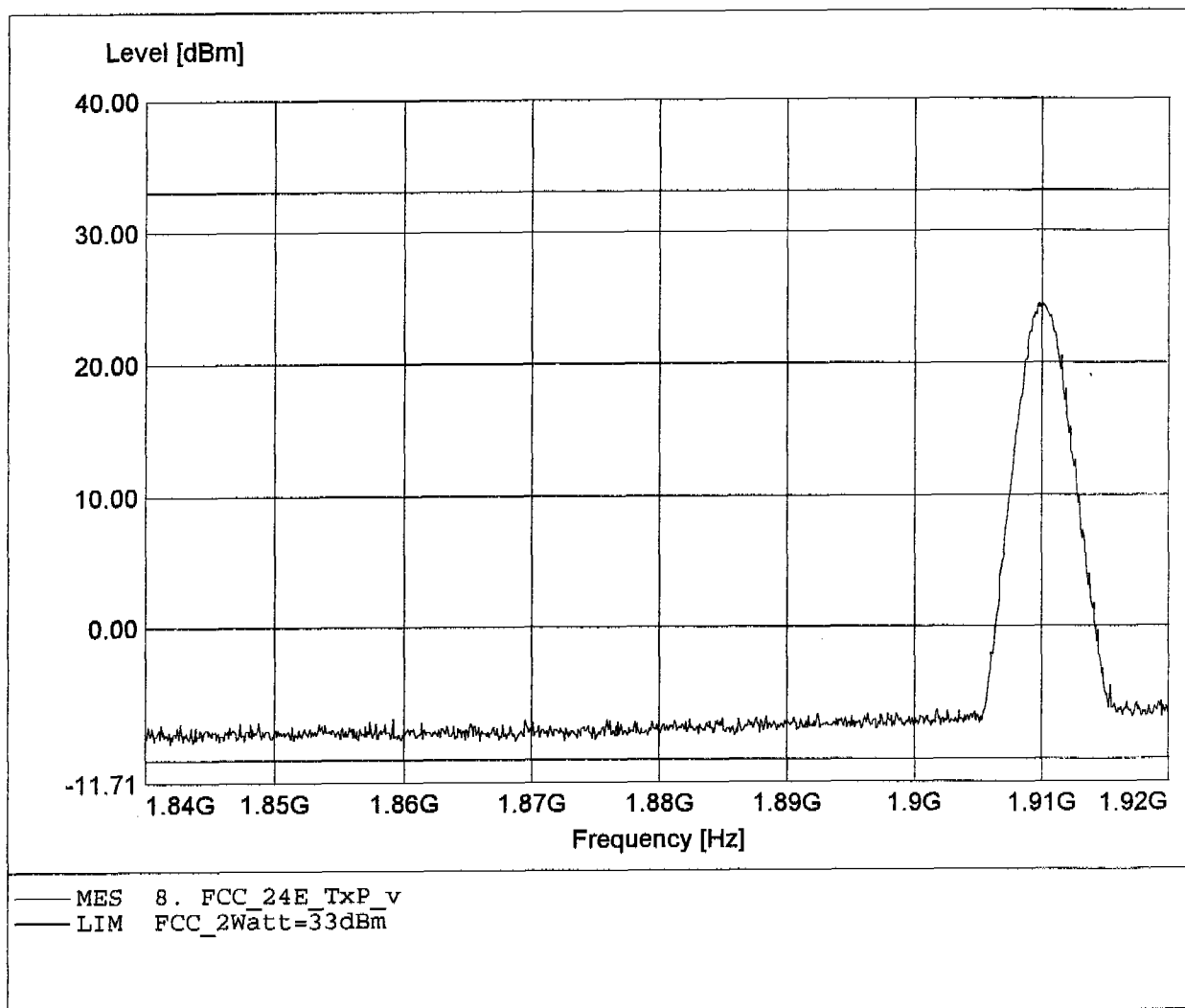
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



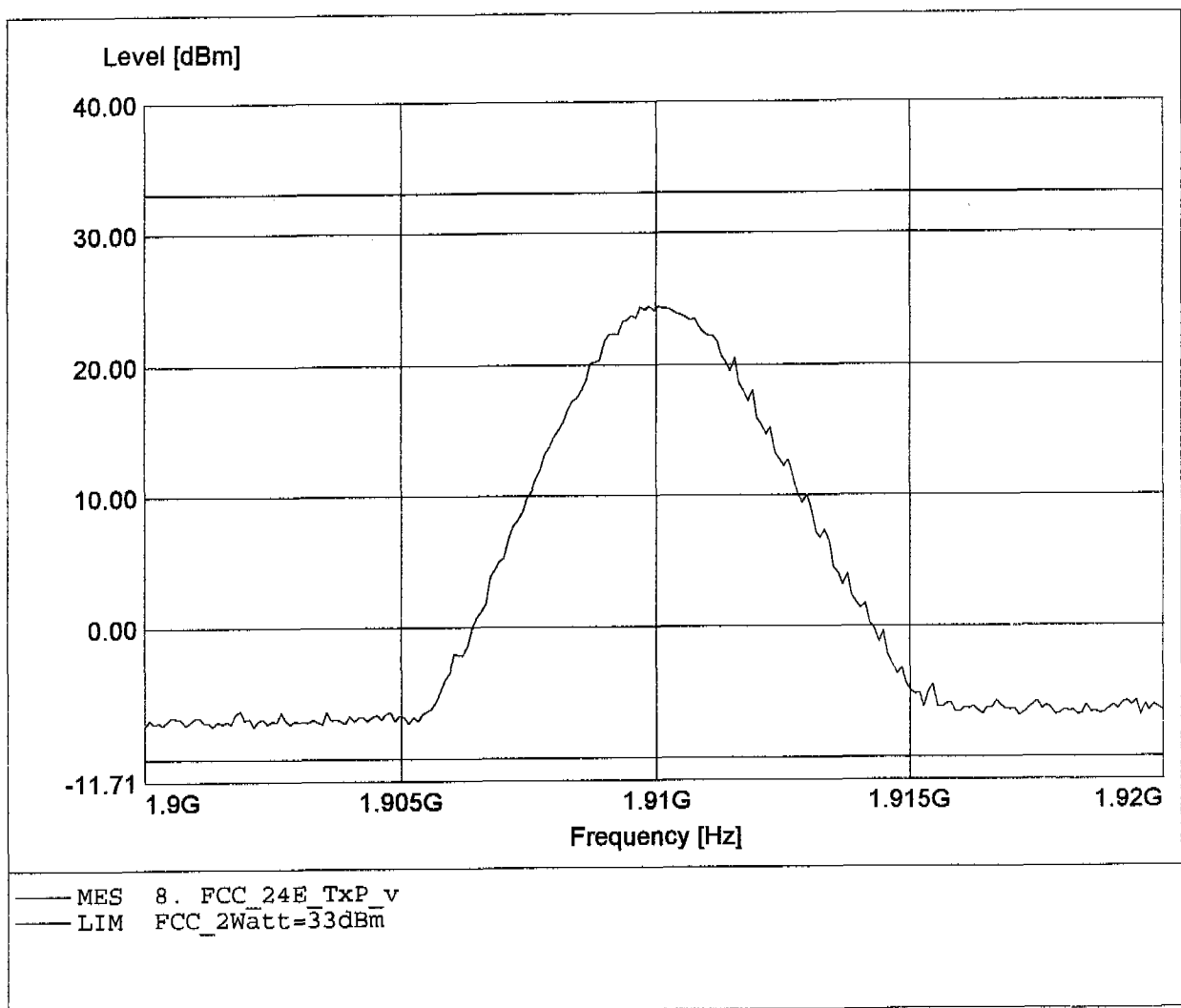
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



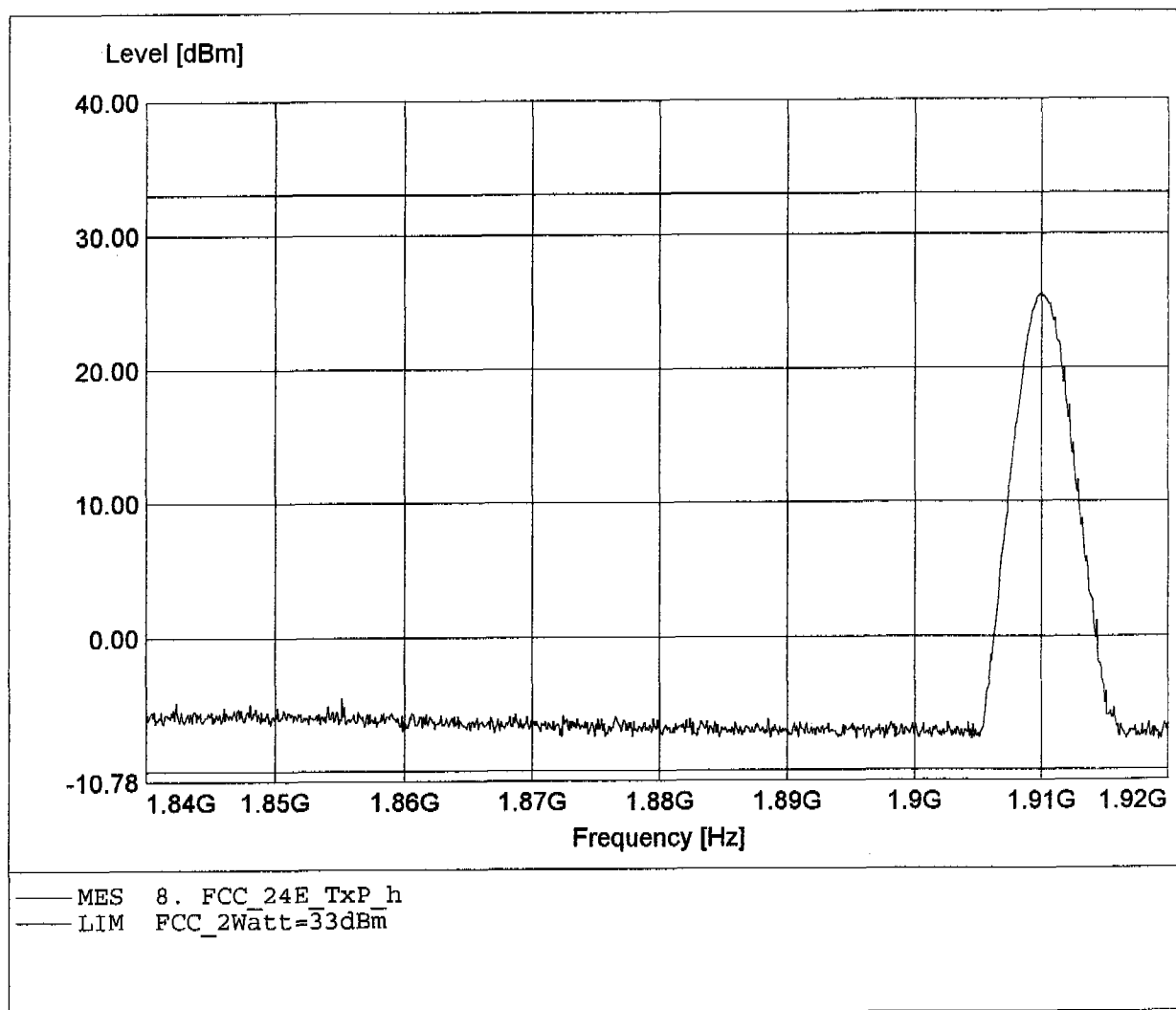
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



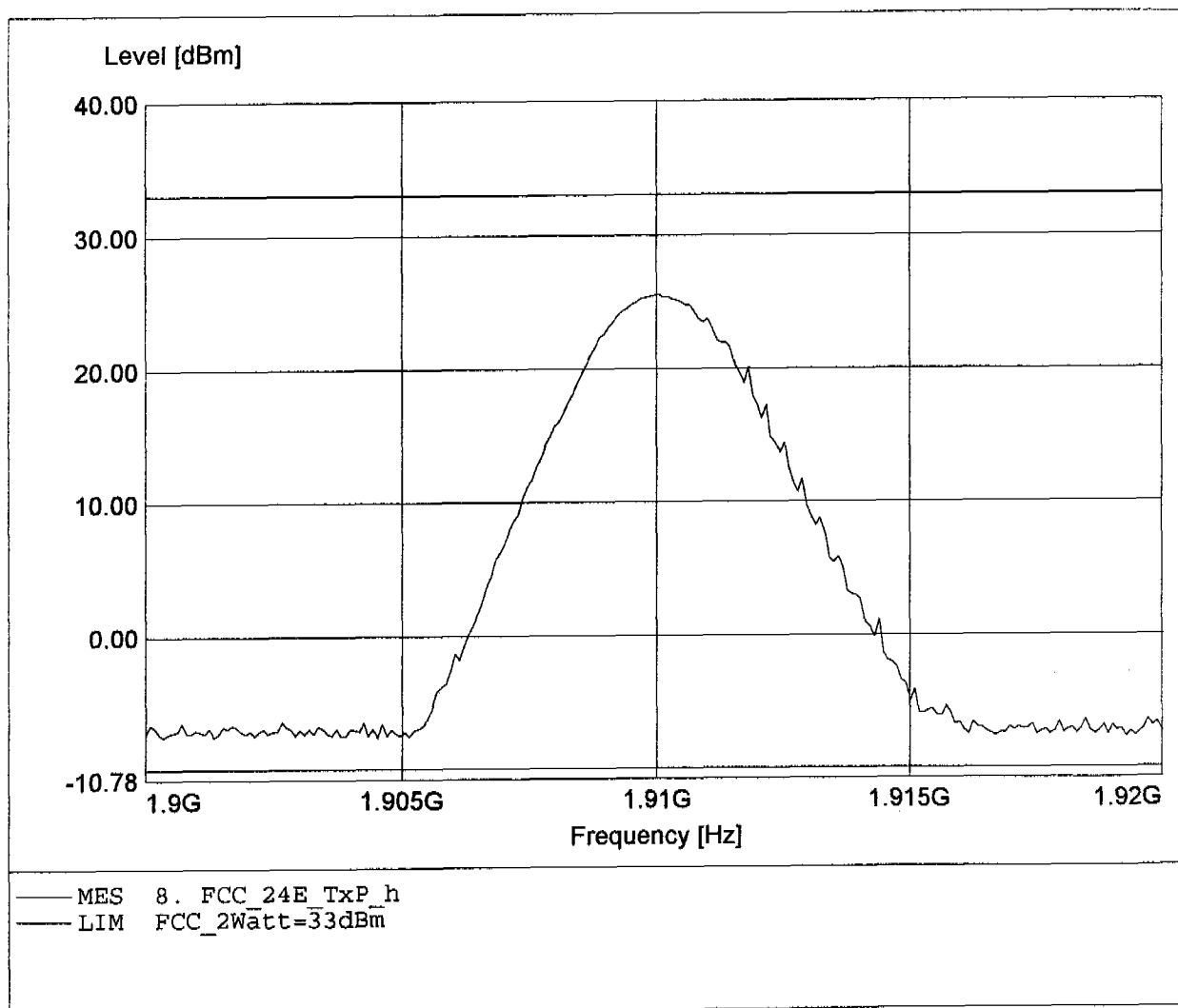
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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



Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

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

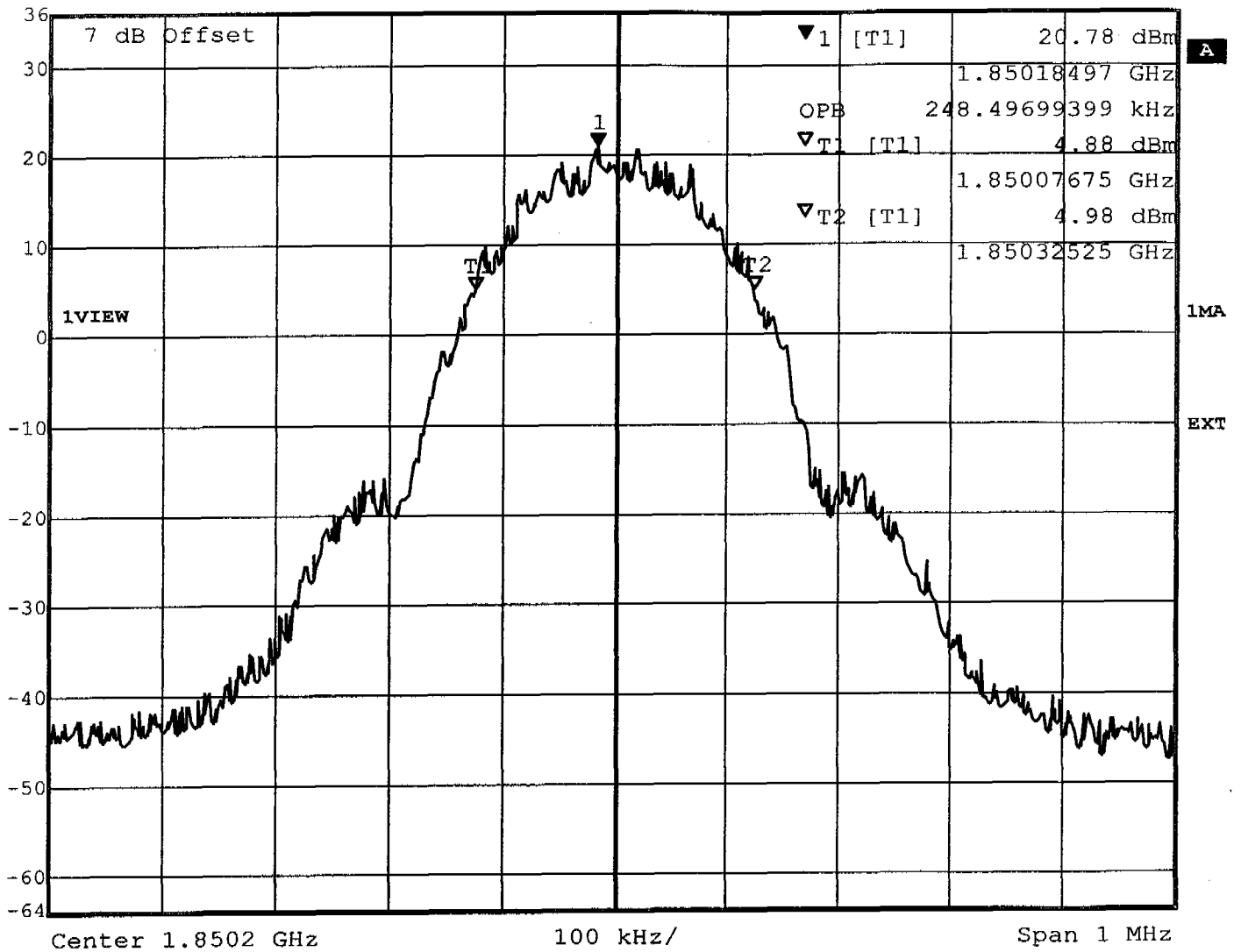


Appendix D

Occupied Bandwidth



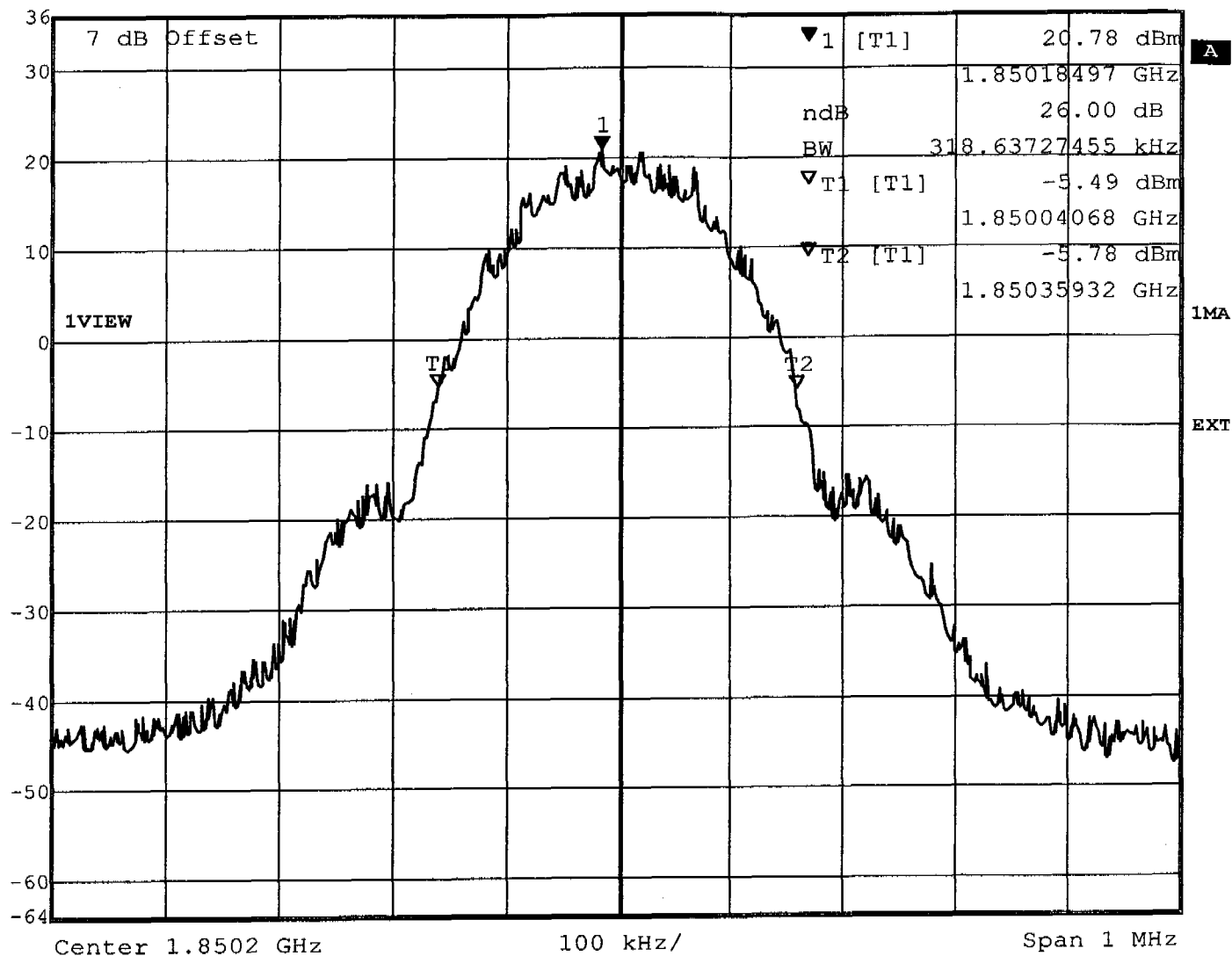
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 20.78 dBm VBW 3 kHz
36 dBm 1.85018497 GHz SWT 280 ms Unit dBm



Title: Model: RUCM 200
Comment A: Occupied Bandwidth Channel 512
Date: 19.NOV.2002 12:40:33



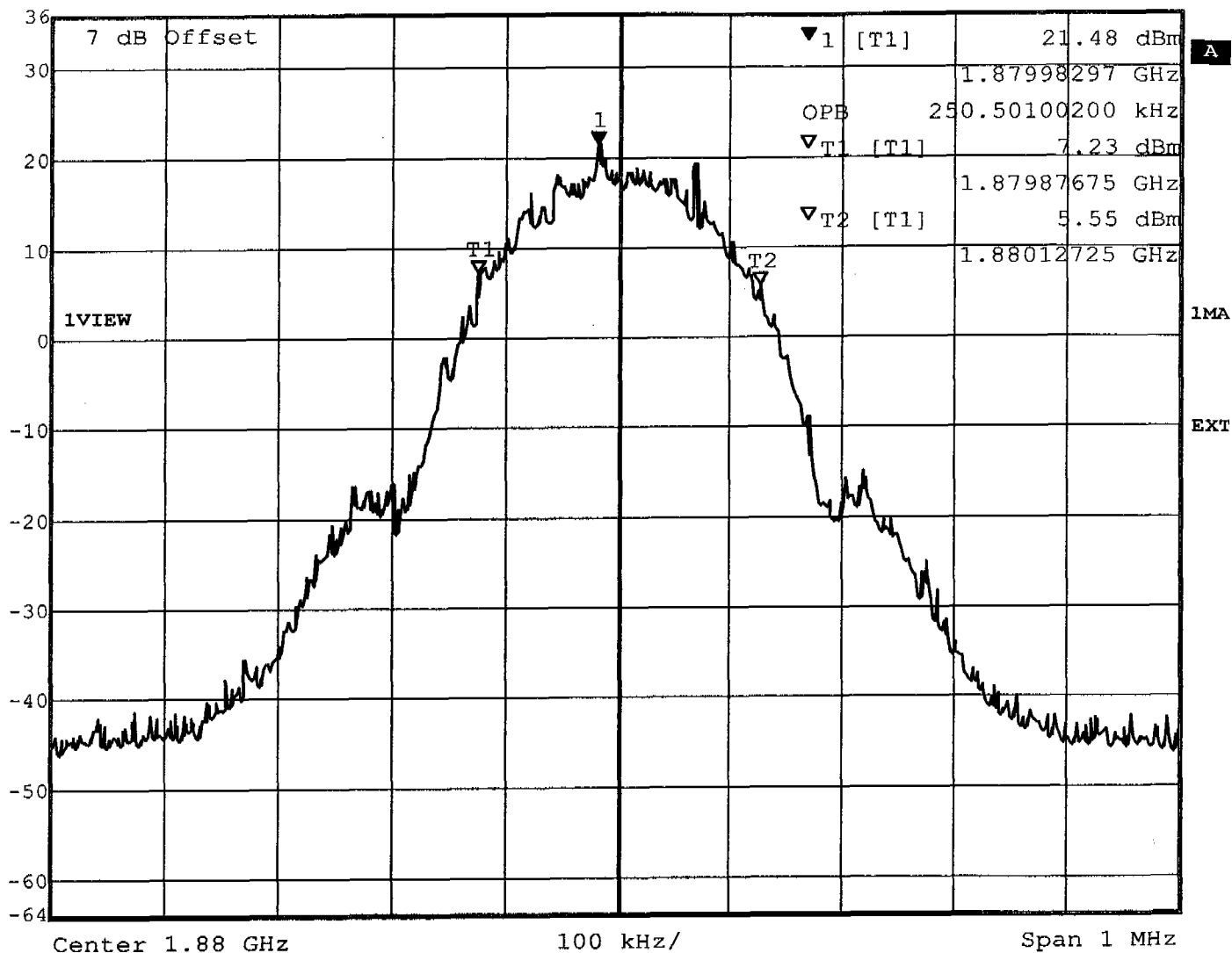
Ref Lvl 36 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 50 dB
BW 318.63727455 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: Model: RUCM 200
Comment A: -26dBc Bandwidth Channel 512
Date: 19.NOV.2002 12:38:56



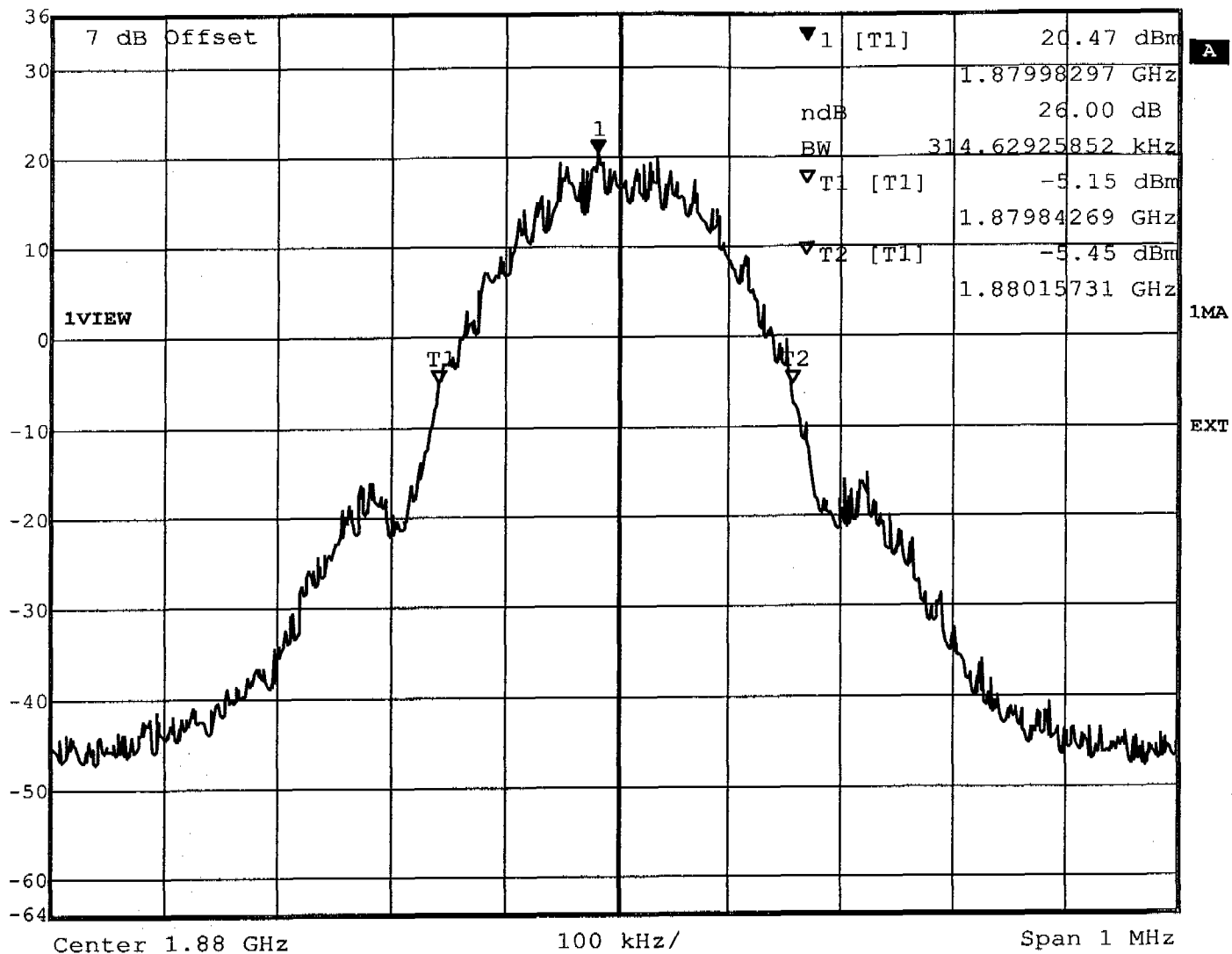
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 21.48 dBm VBW 3 kHz
36 dBm 1.87998297 GHz SWT 280 ms Unit dBm



Title: Model: RUCM 200
Comment A: Occupied Bandwidth Channel 661
Date: 19.NOV.2002 12:46:02



Ref Lvl 36 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 50 dB
BW 314.62925852 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: Model: RUCM 200
Comment A: -26dBc Bandwidth Channel 661
Date: 19.NOV.2002 12:51:19

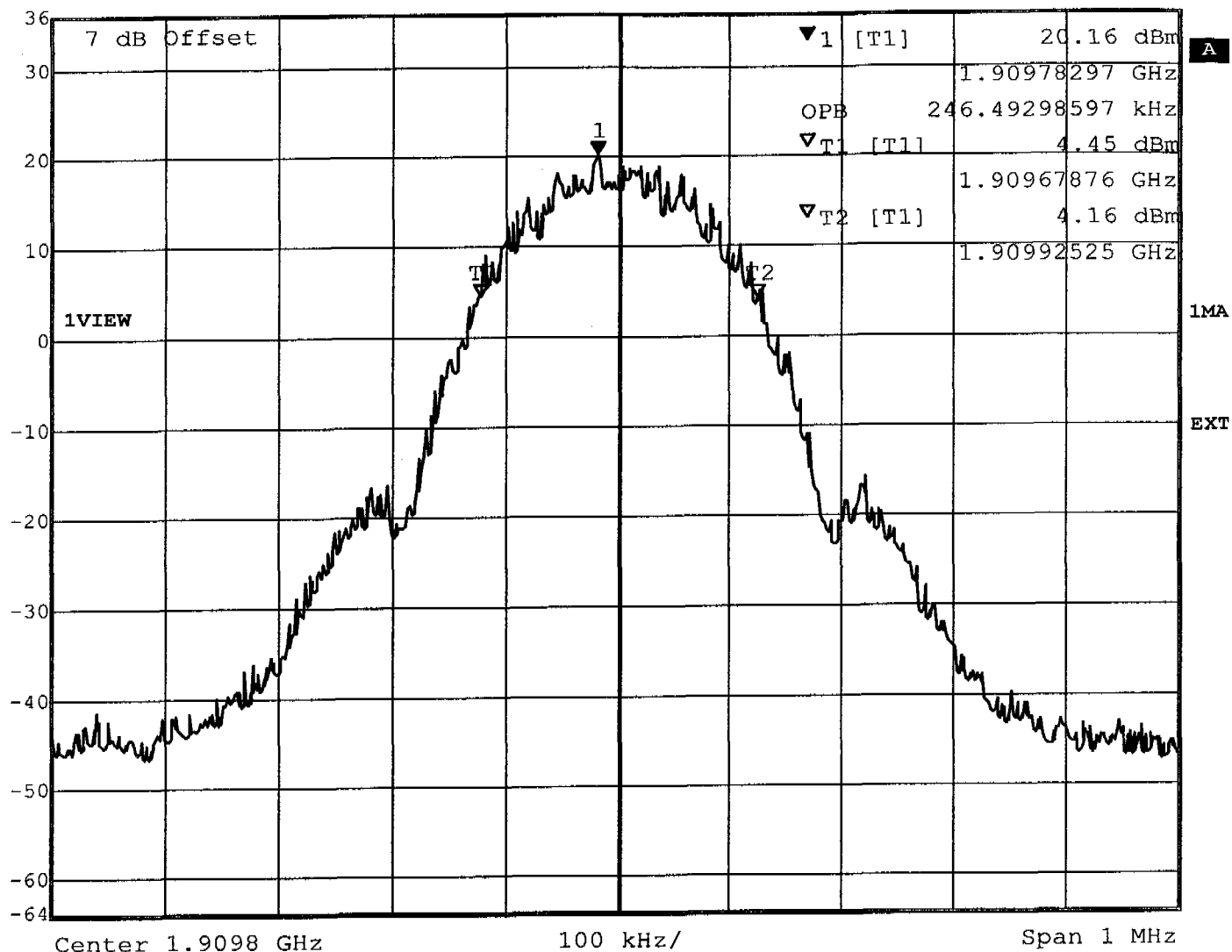


Ref Lvl
36 dBm

Marker 1 [T1]
20.16 dBm
1.90978297 GHz

RBW 3 kHz
VBW 3 kHz
SWT 280 ms

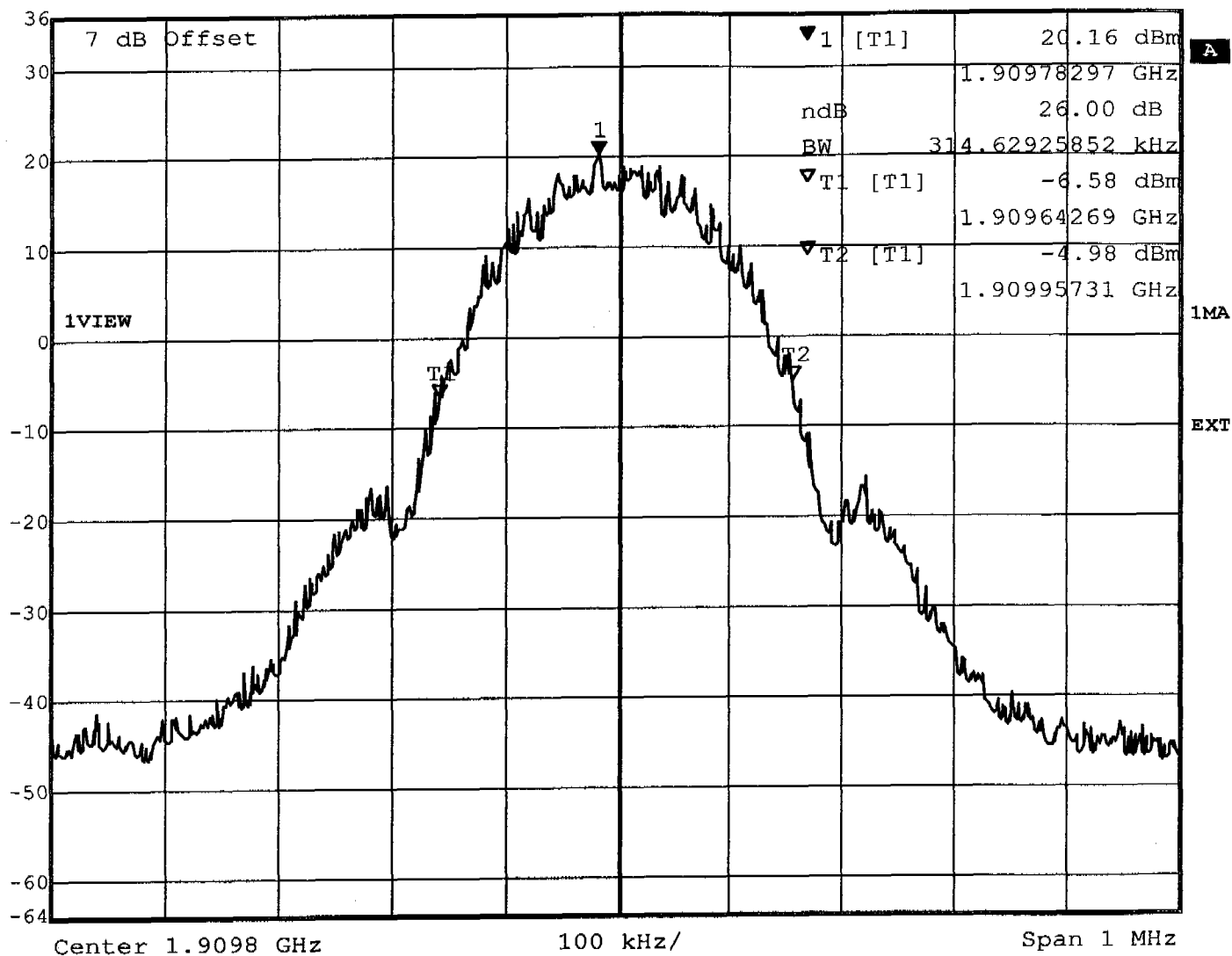
RF Att 50 dB
Unit dBm



Title: Model: RUCM 200
Comment A: Occupied Bandwidth Channel 810
Date: 19.NOV.2002 12:47:50



Ref Lvl 36 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 50 dB
BW 314.62925852 kHz VBW 3 kHz Unit dBm
SWT 280 ms

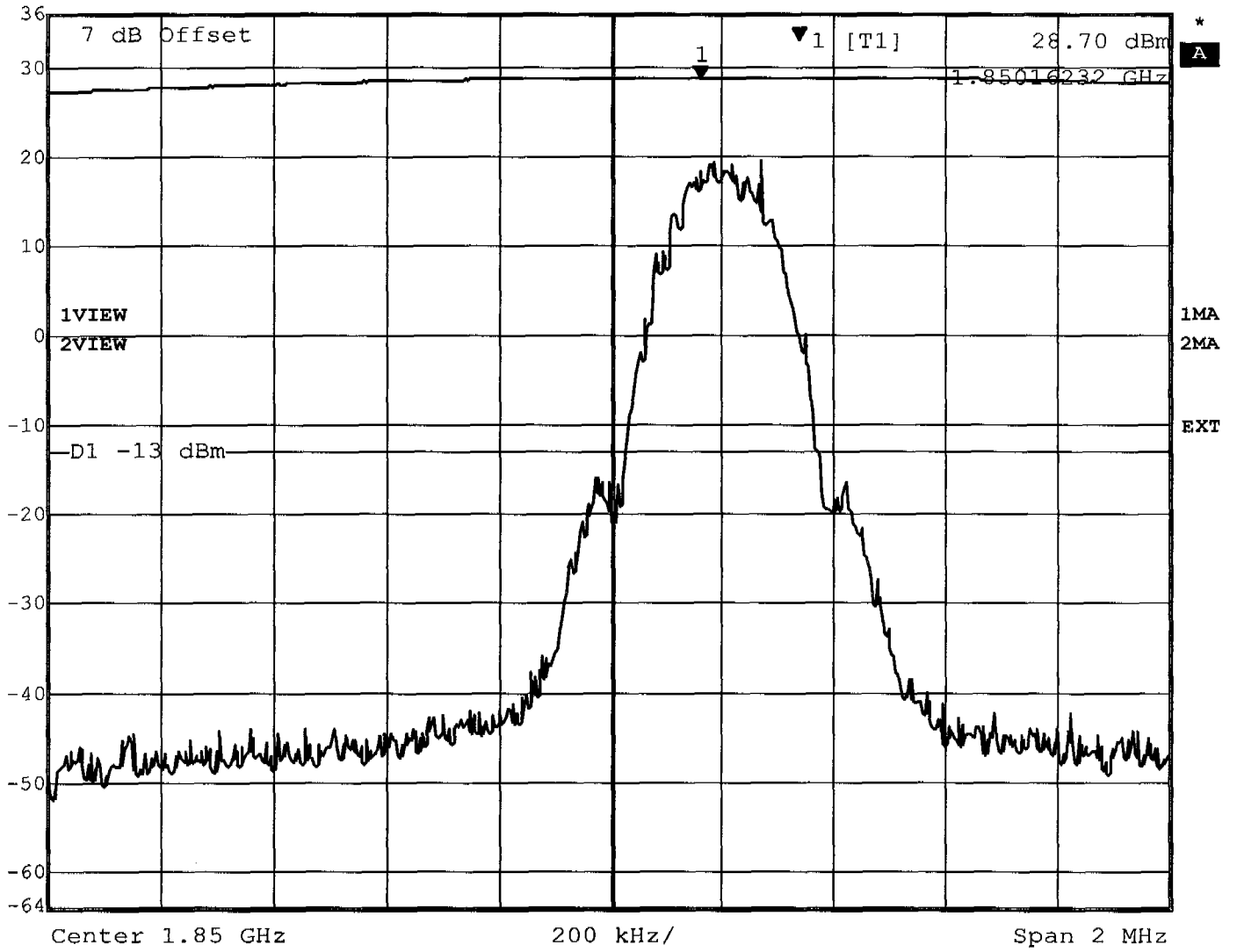


Title: Model: RUCM 200
Comment A: -26dBc Bandwidth Channel 810
Date: 19.NOV.2002 12:49:17

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	SWT	560 ms	Unit dBm



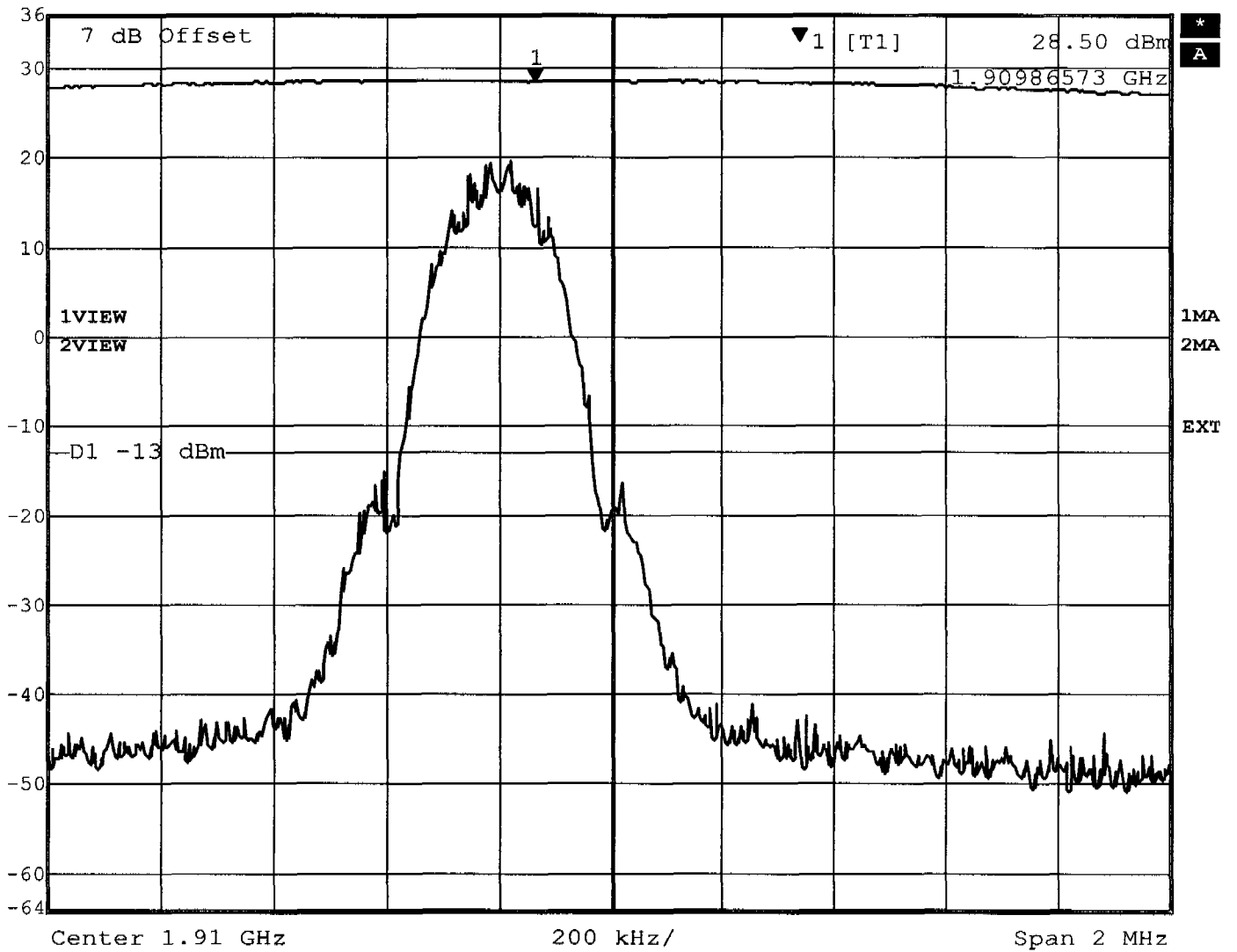
Title: Model: RUCM 200

Comment A: Lower Band Edge

Date: 19.NOV.2002 13:05:09



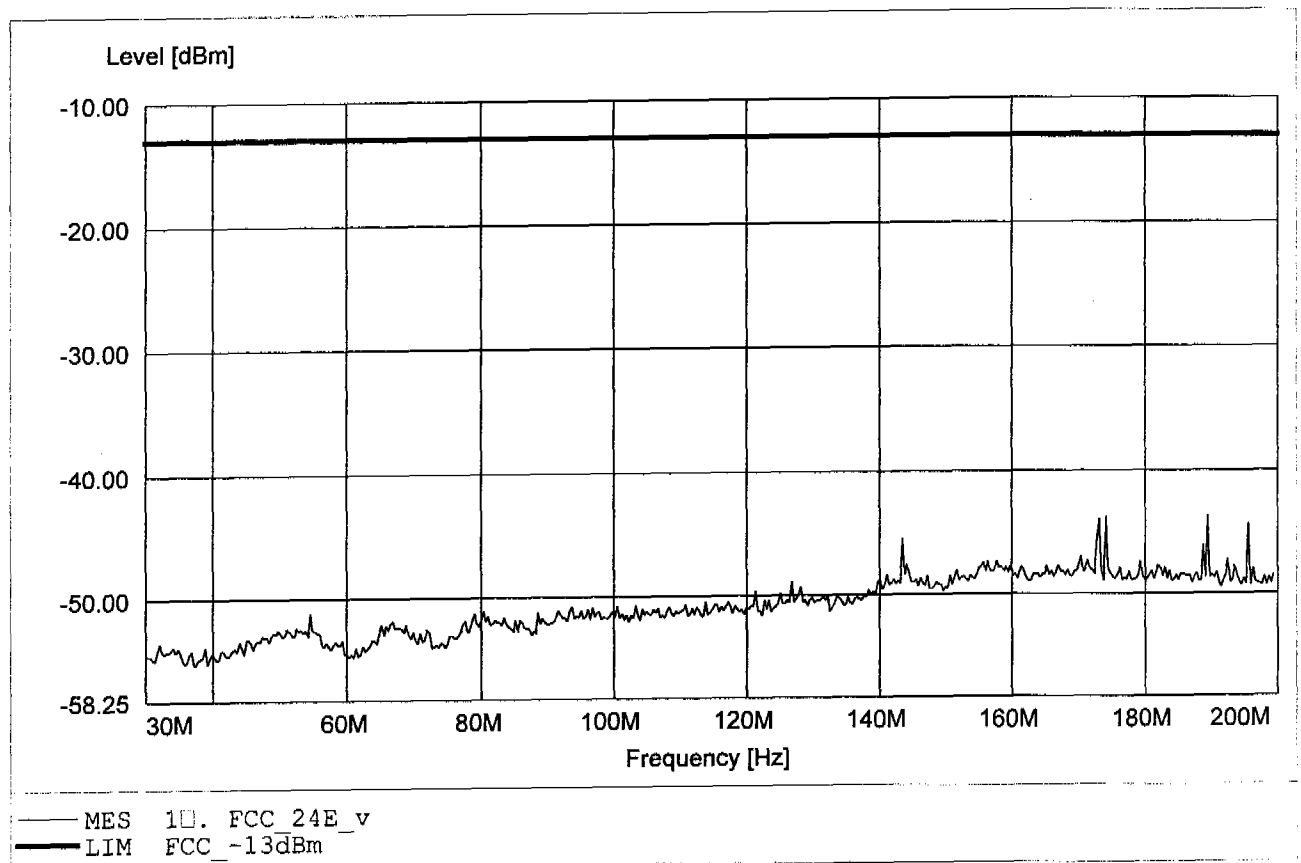
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 28.50 dBm VBW 3 kHz
36 dBm 1.90986573 GHz SWT 560 ms Unit dBm



Title: Model: RUCM 200
Comment A: Higher Band Edge
Date: 19.NOV.2002 13:09:57

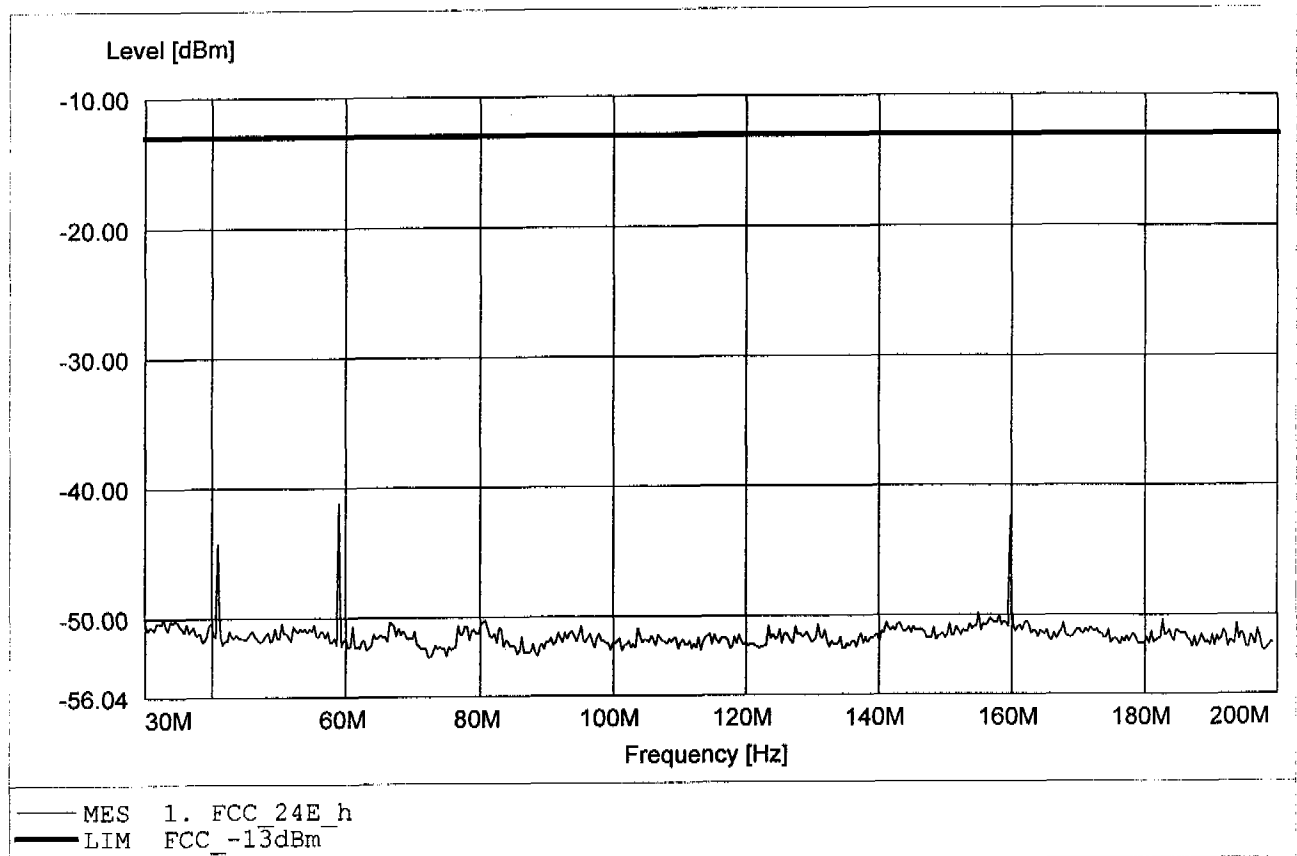
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 189.439MHz, Pmax: -43.66dBm, RBW: 1MHz



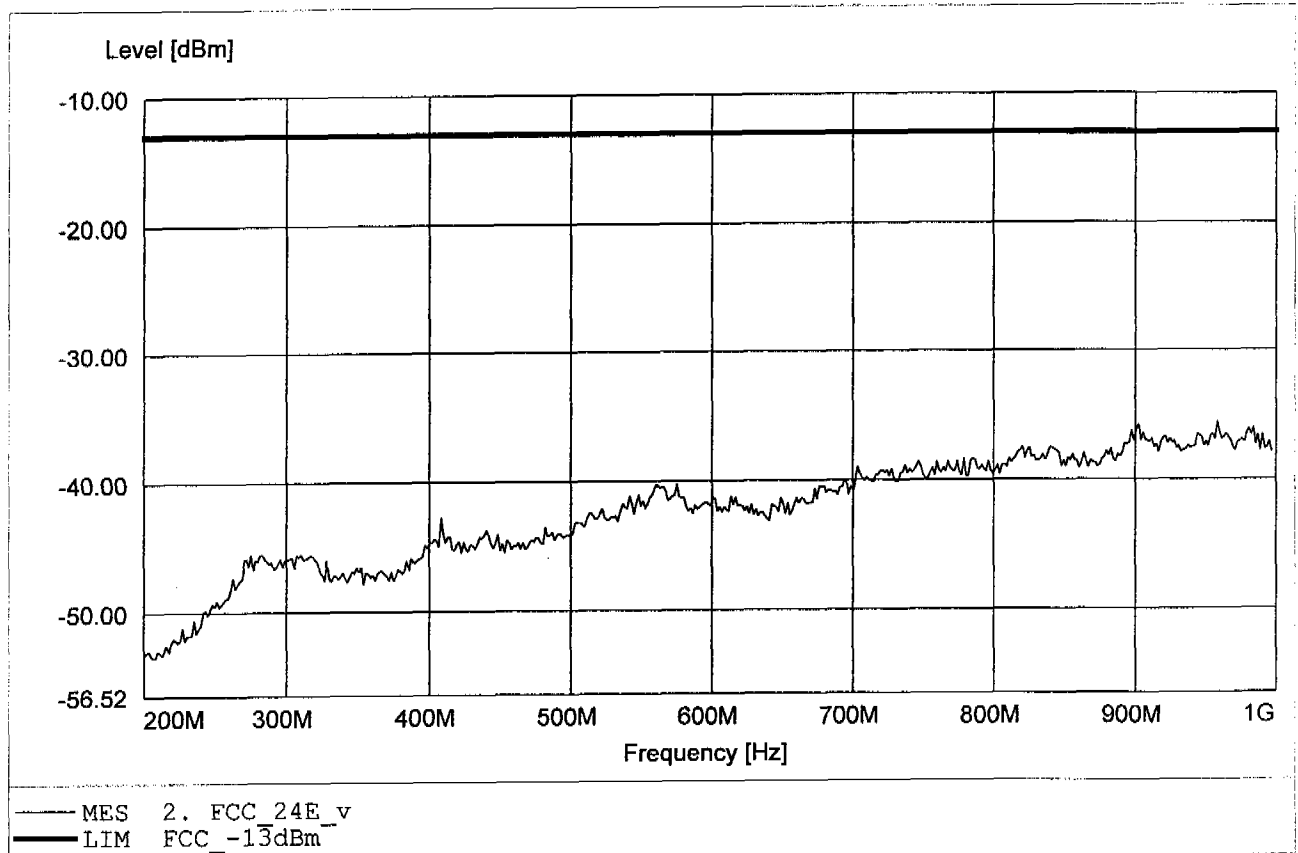
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 58.958MHz, Pmax: -41.20dBm, RBW: 1MHz



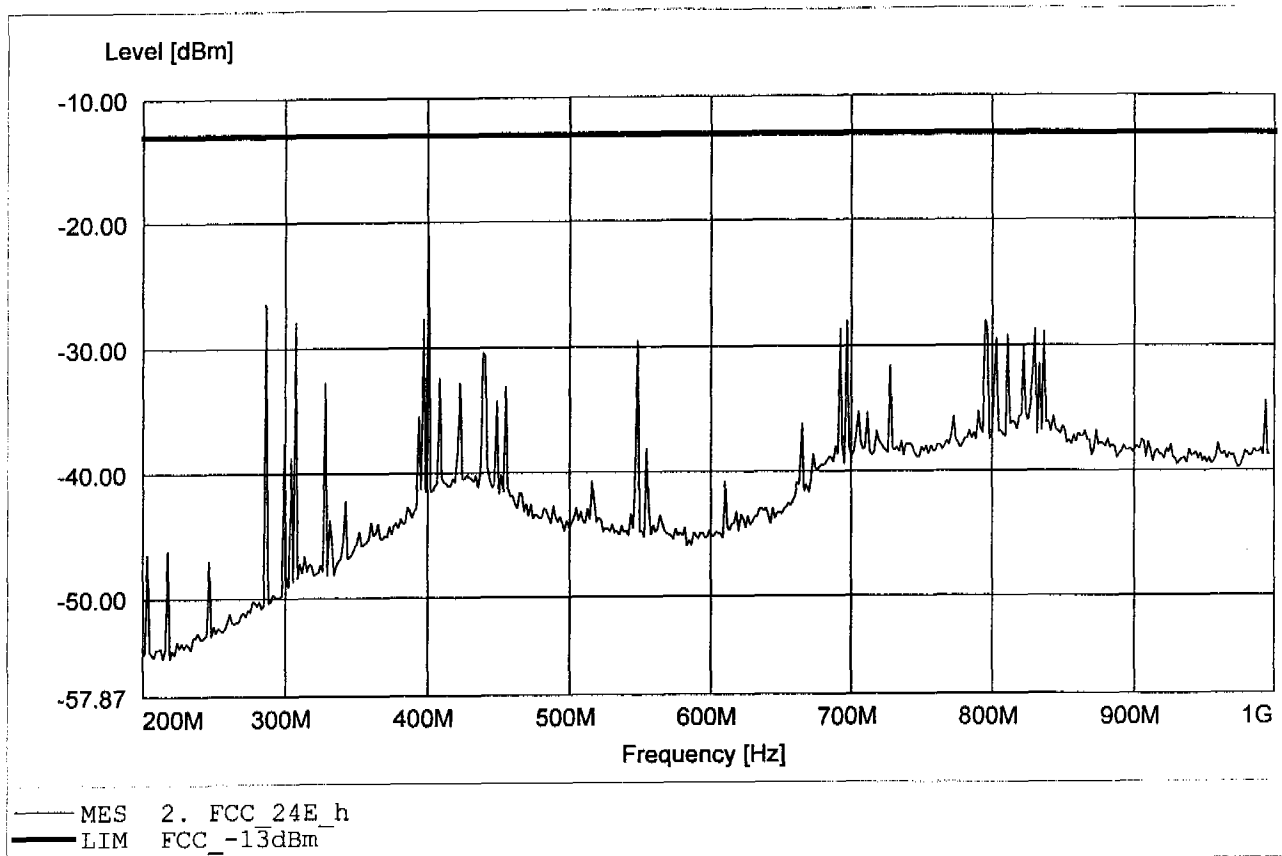
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 958.317MHz, Pmax: -35.53dBm, RBW: 1MHz



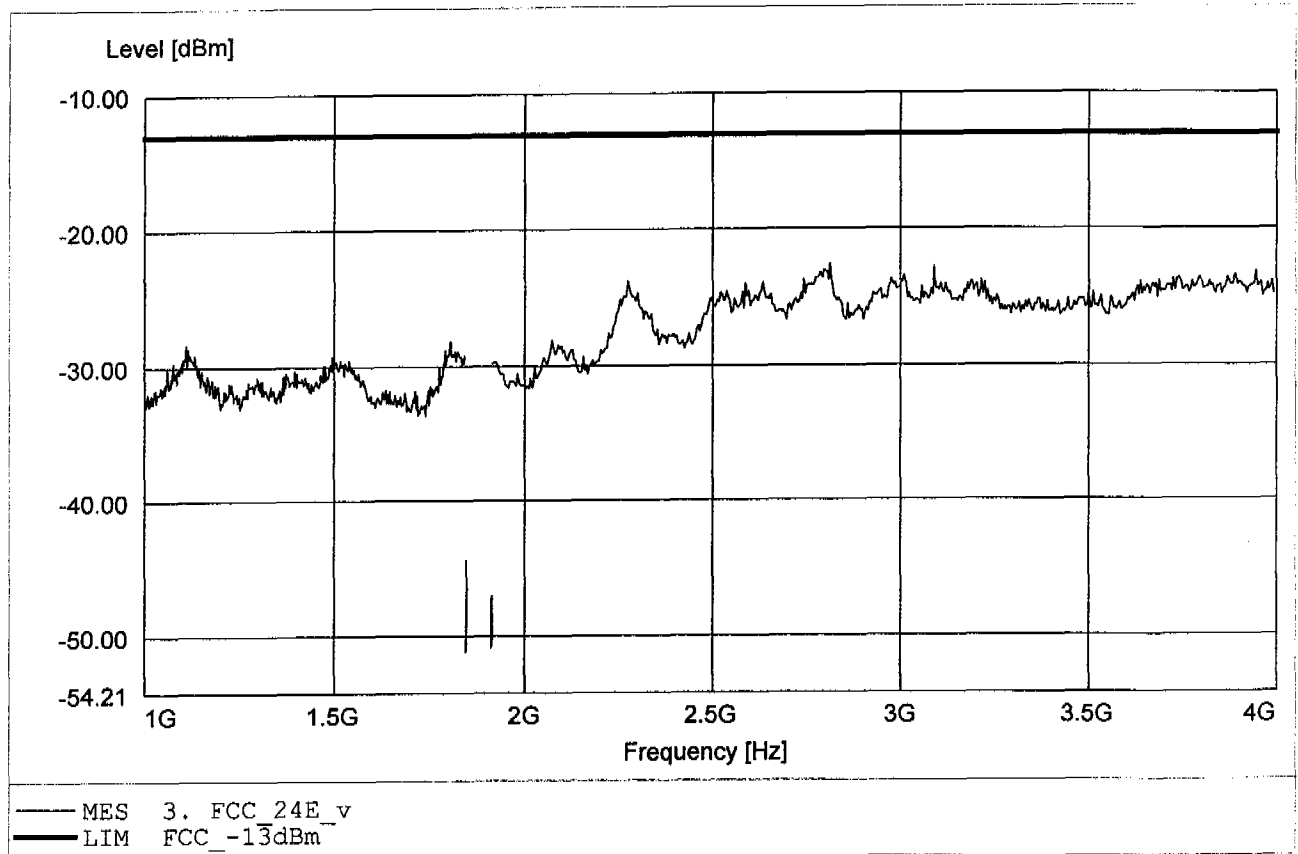
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 400.401MHz, Pmax: -21.07dBm, RBW: 1MHz



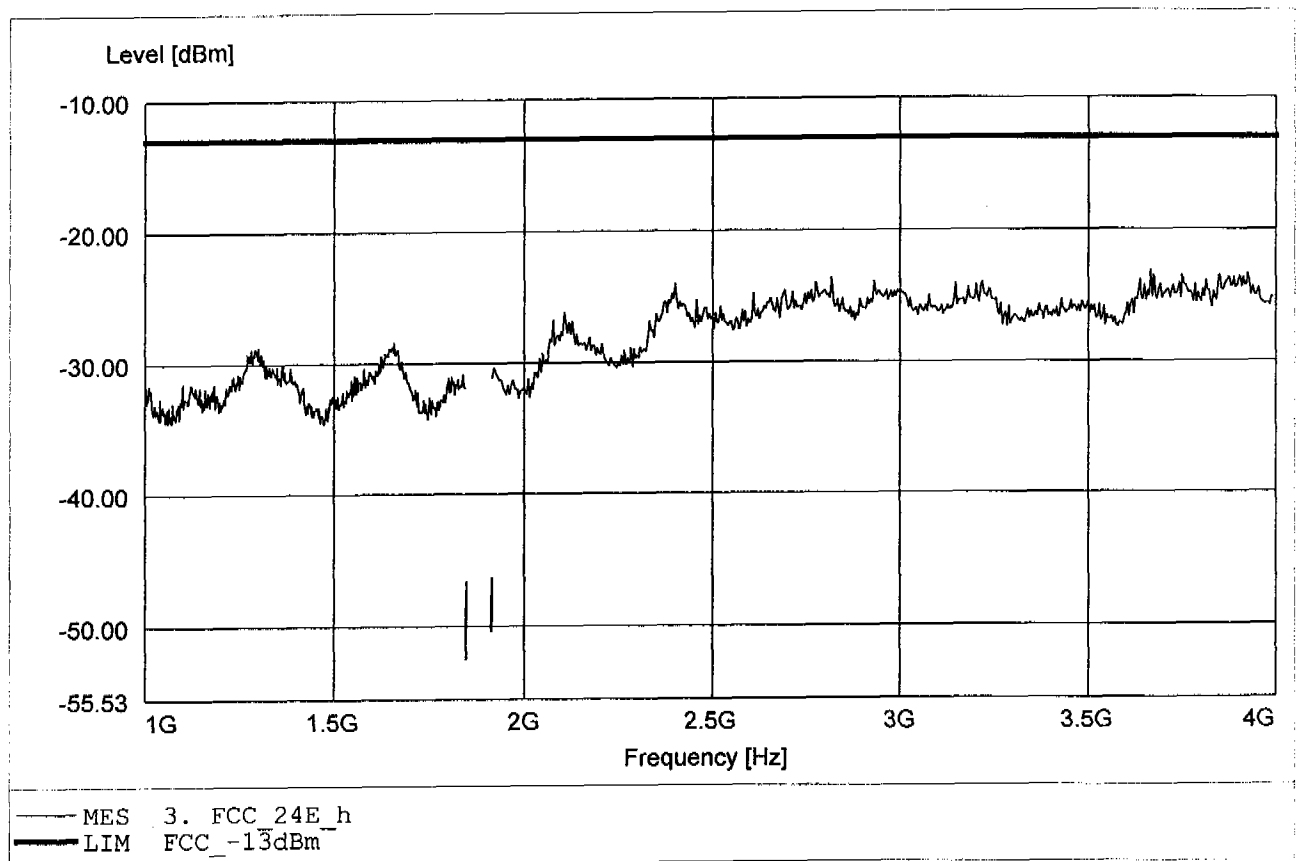
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

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



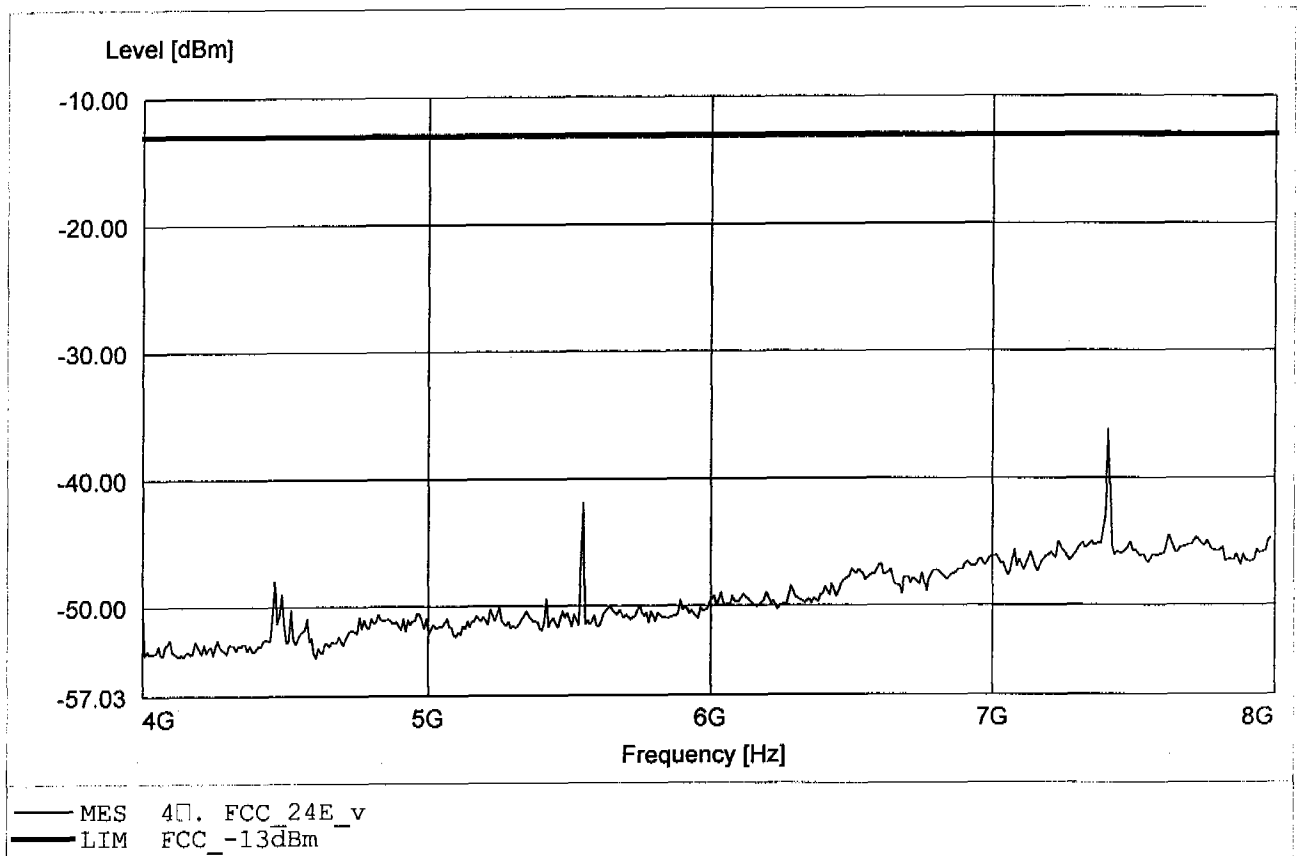
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq: 3.666GHz, Pmax: -23.09dBm, RBW: 1MHz/20kHz



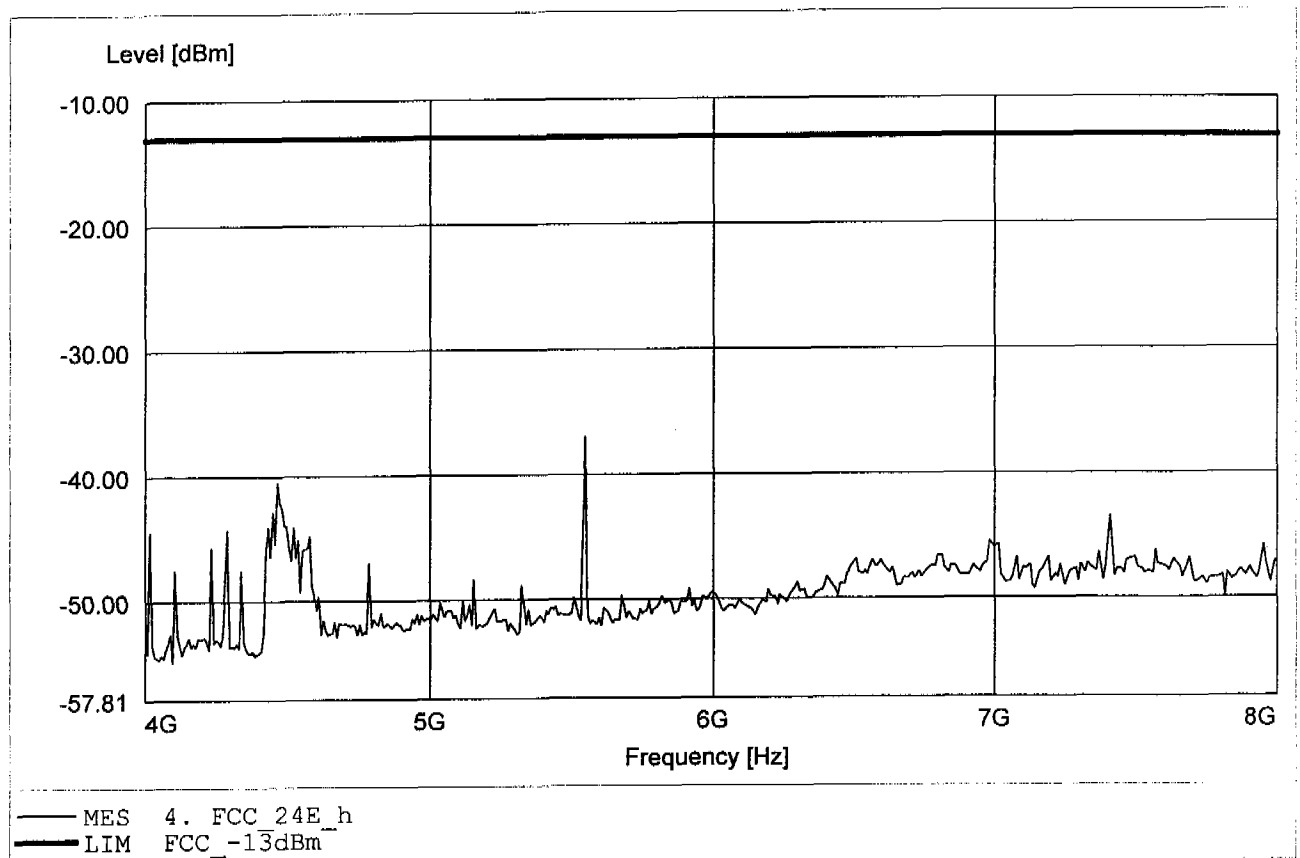
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 7.407GHz, Pmax: -36.19dBm, RBW: 1MHz



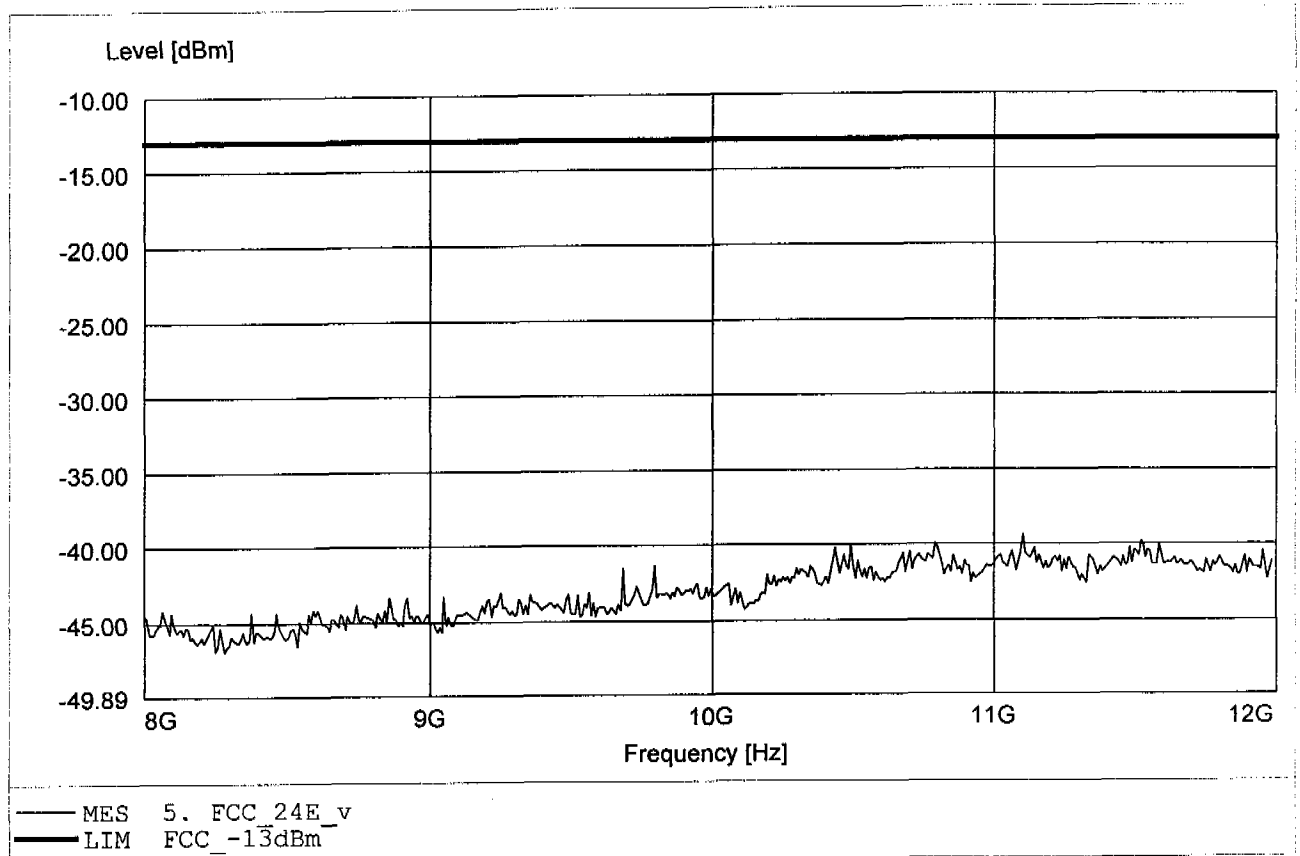
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 5.547GHz, Pmax: -36.94dBm, RBW: 1MHz



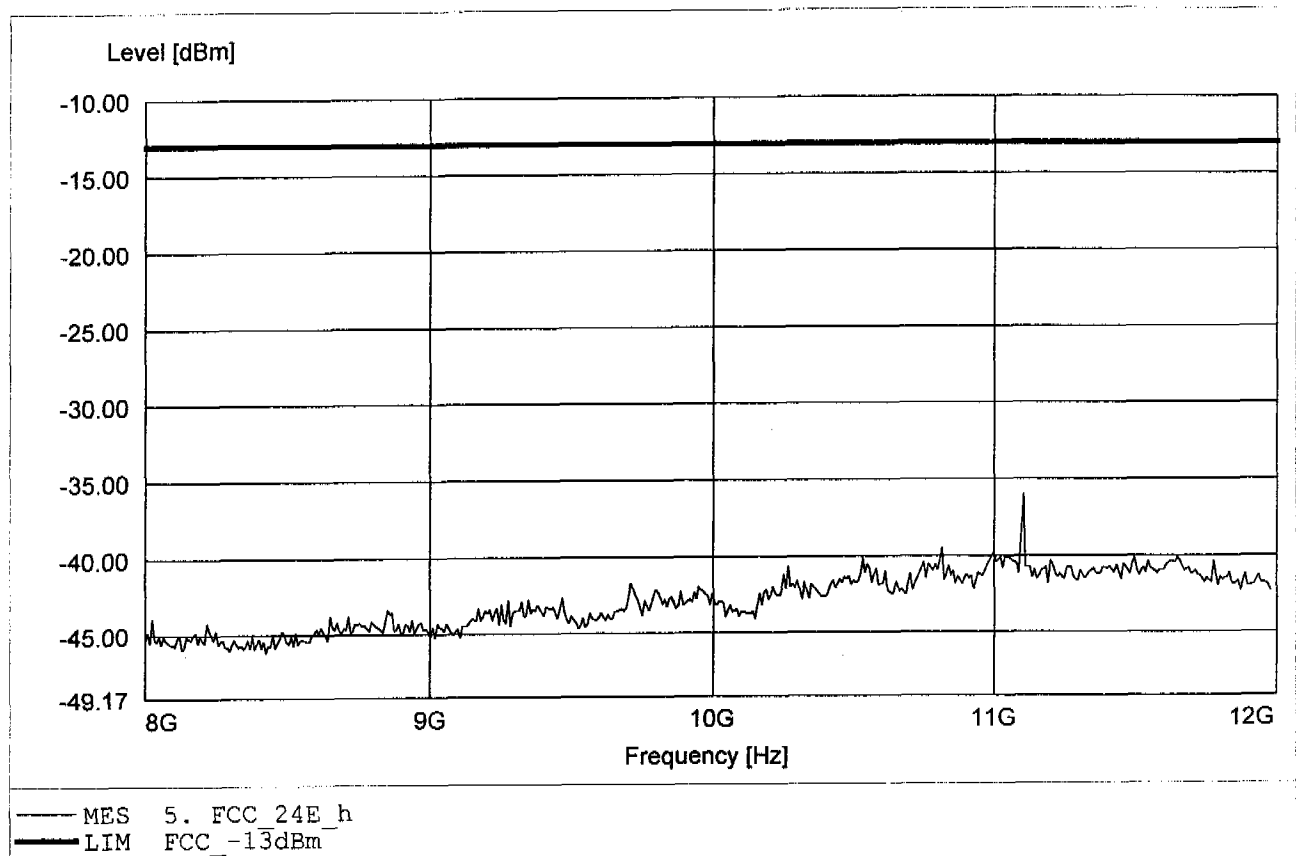
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -39.33dBm, RBW: 1MHz



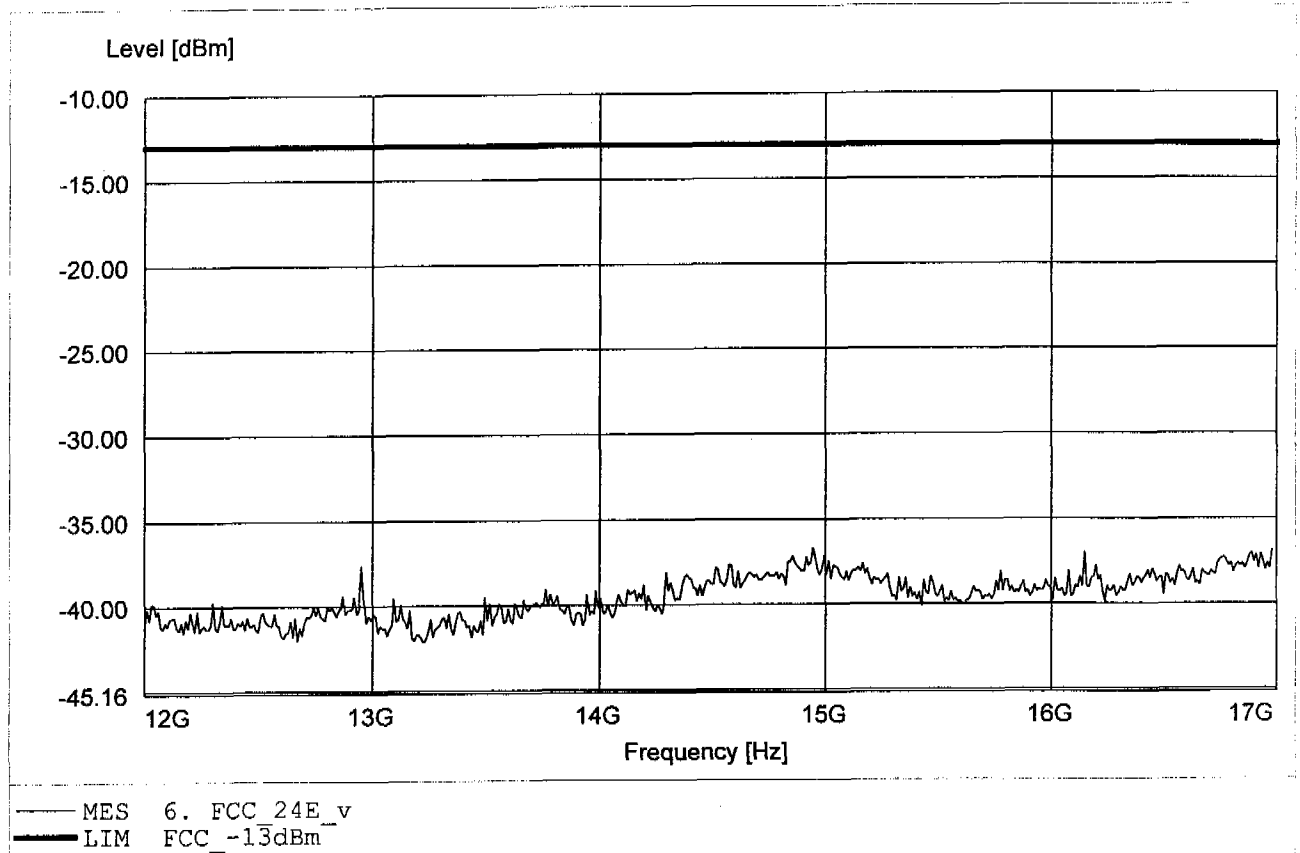
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom: 23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -36.00dBm, RBW: 1MHz



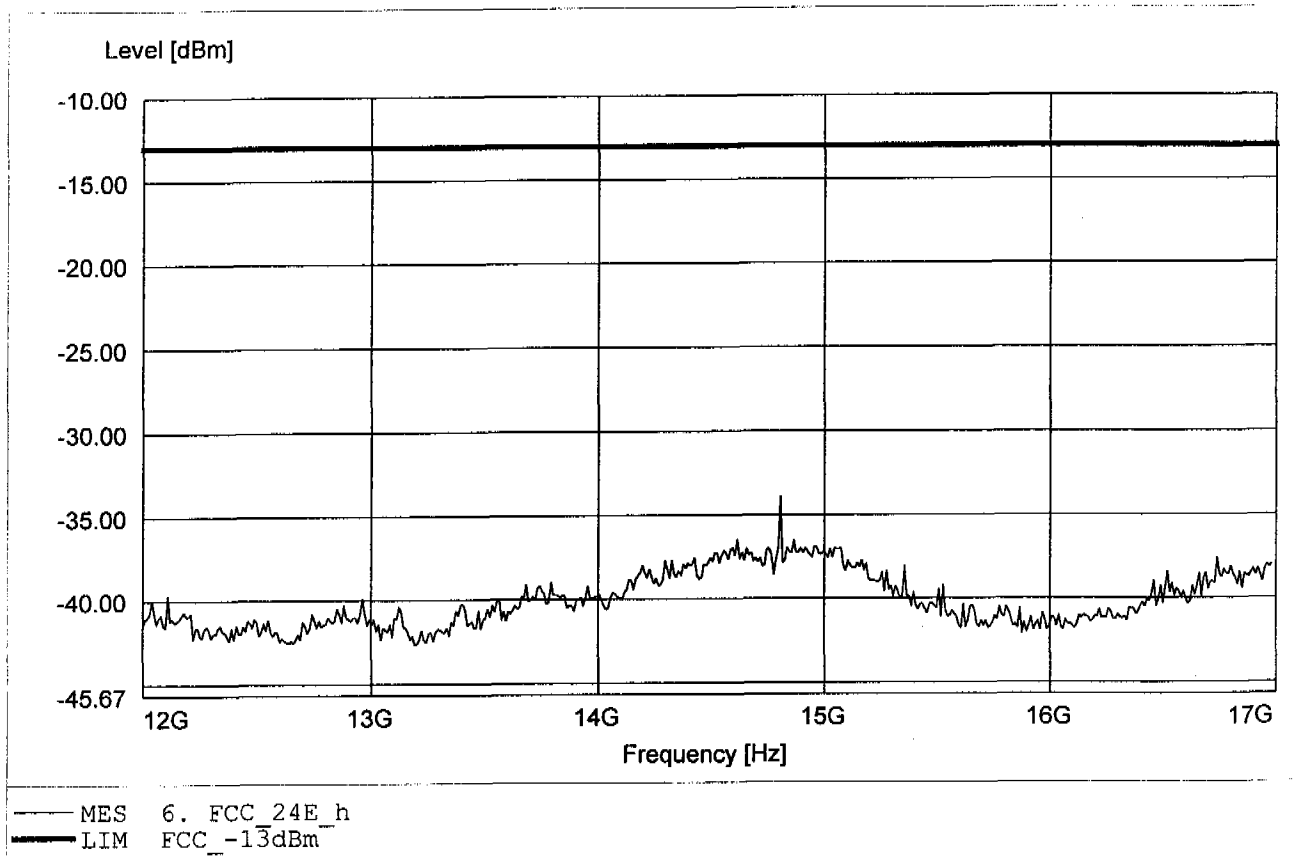
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.946GHz, Pmax: -36.67dBm, RBW: 1MHz



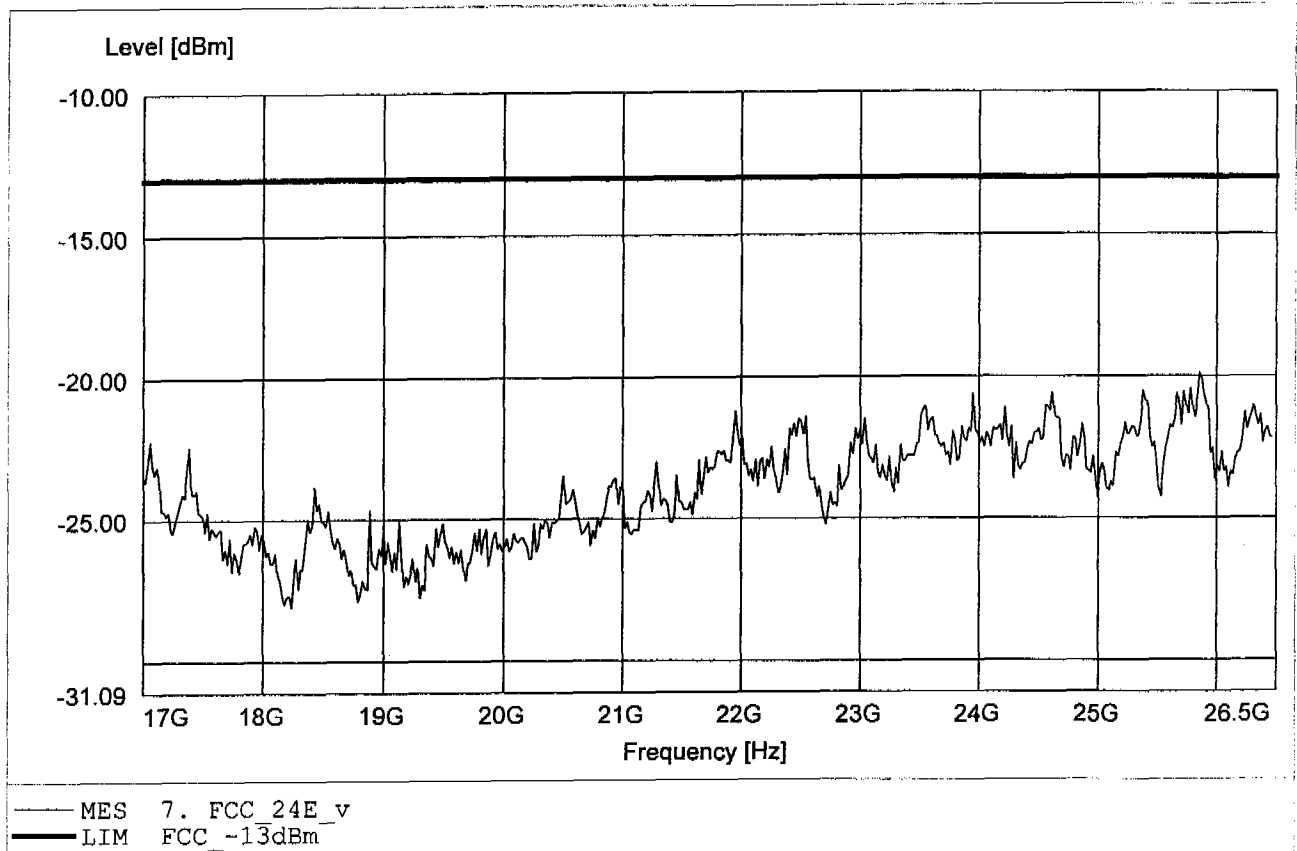
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.806GHz, Pmax: -33.92dBm, RBW: 1MHz



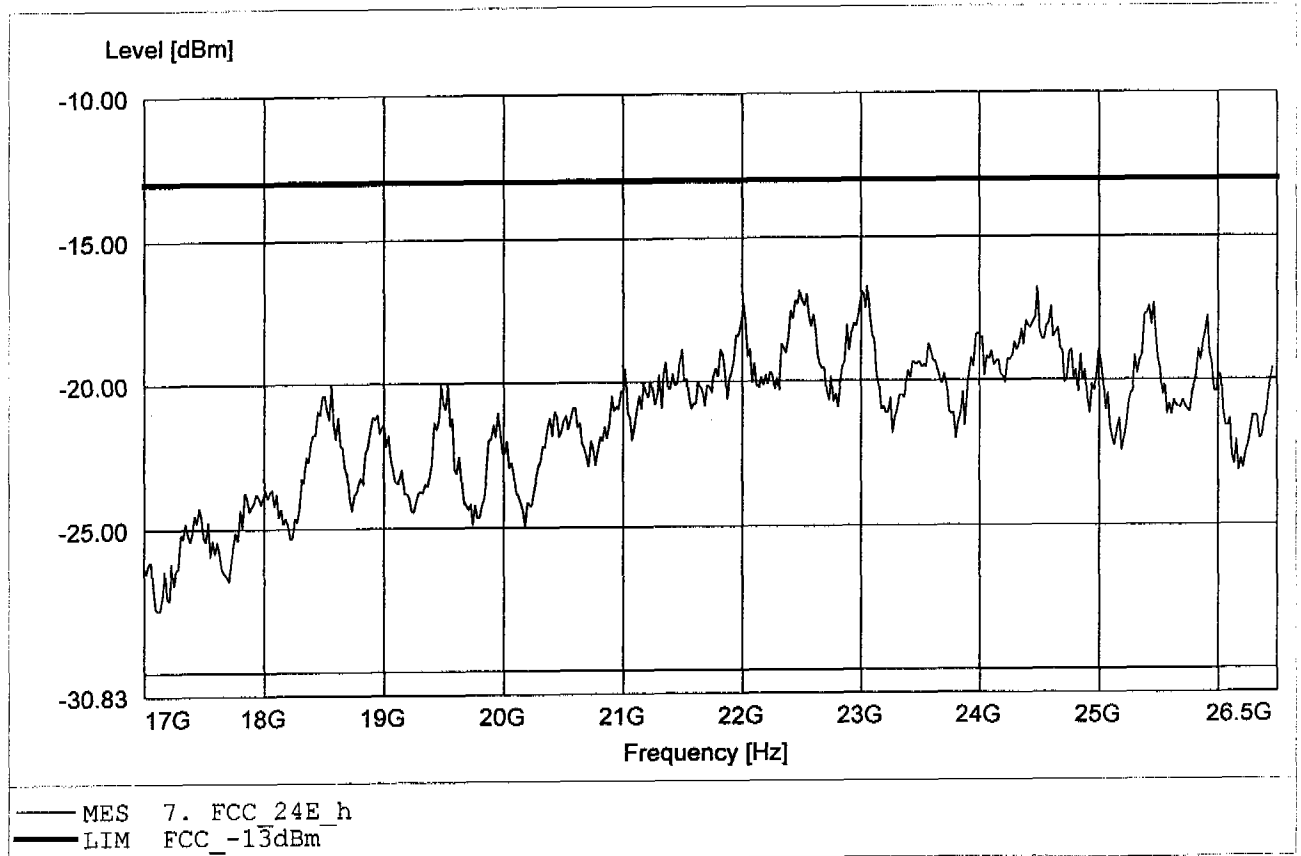
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.853GHz, Pmax: -19.89dBm, RBW: 1MHz



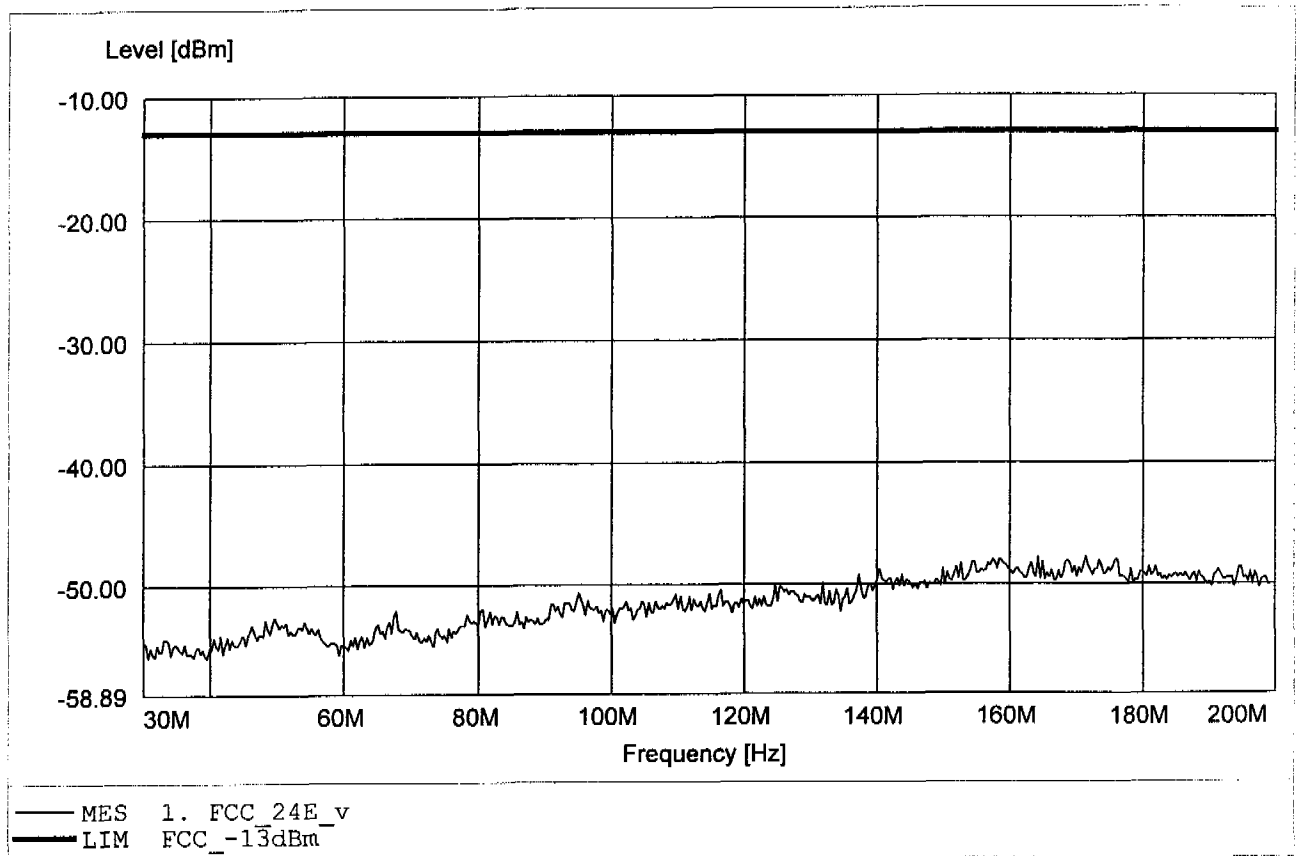
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 512
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.054GHz, Pmax: -16.70dBm, RBW: 1MHz



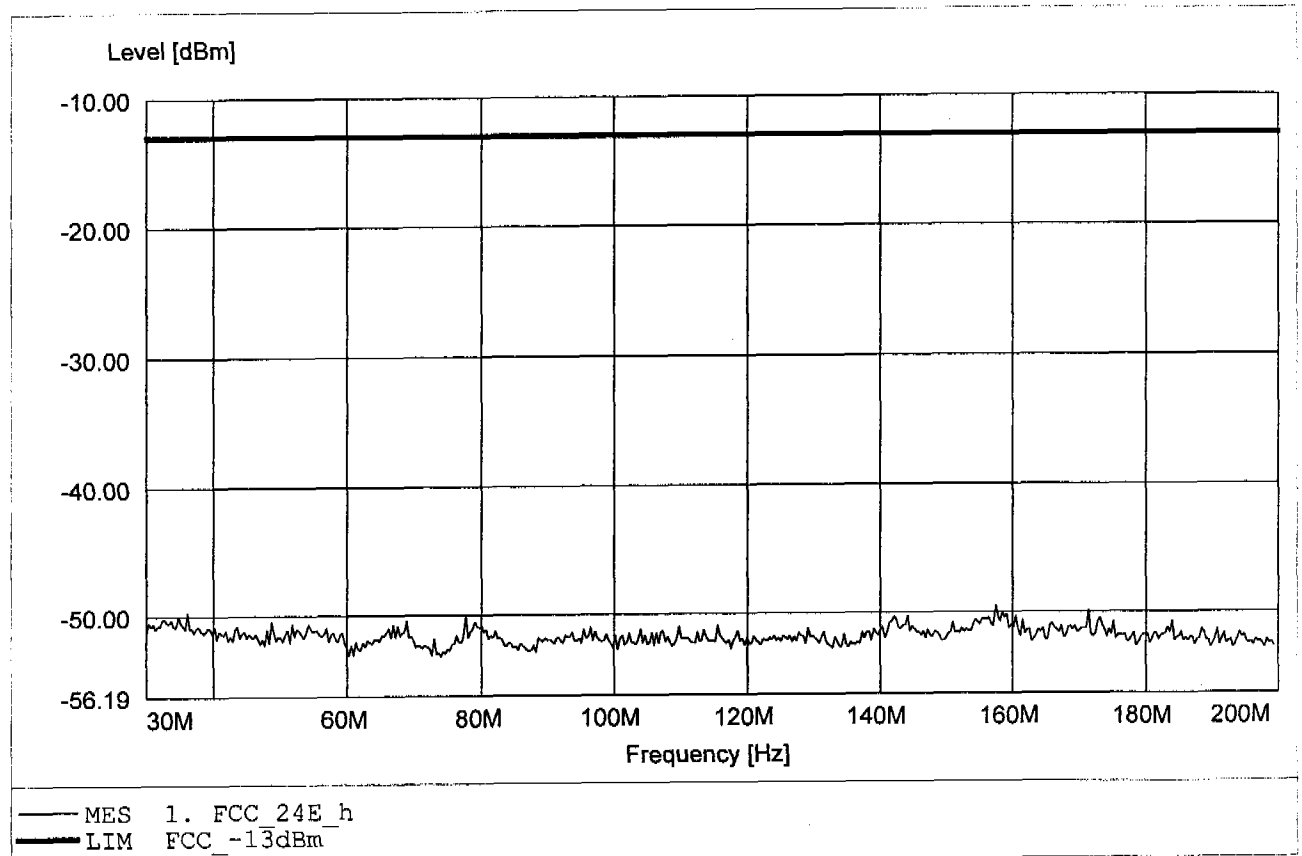
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 171.383MHz, Pmax: -47.75dBm, RBW: 1MHz



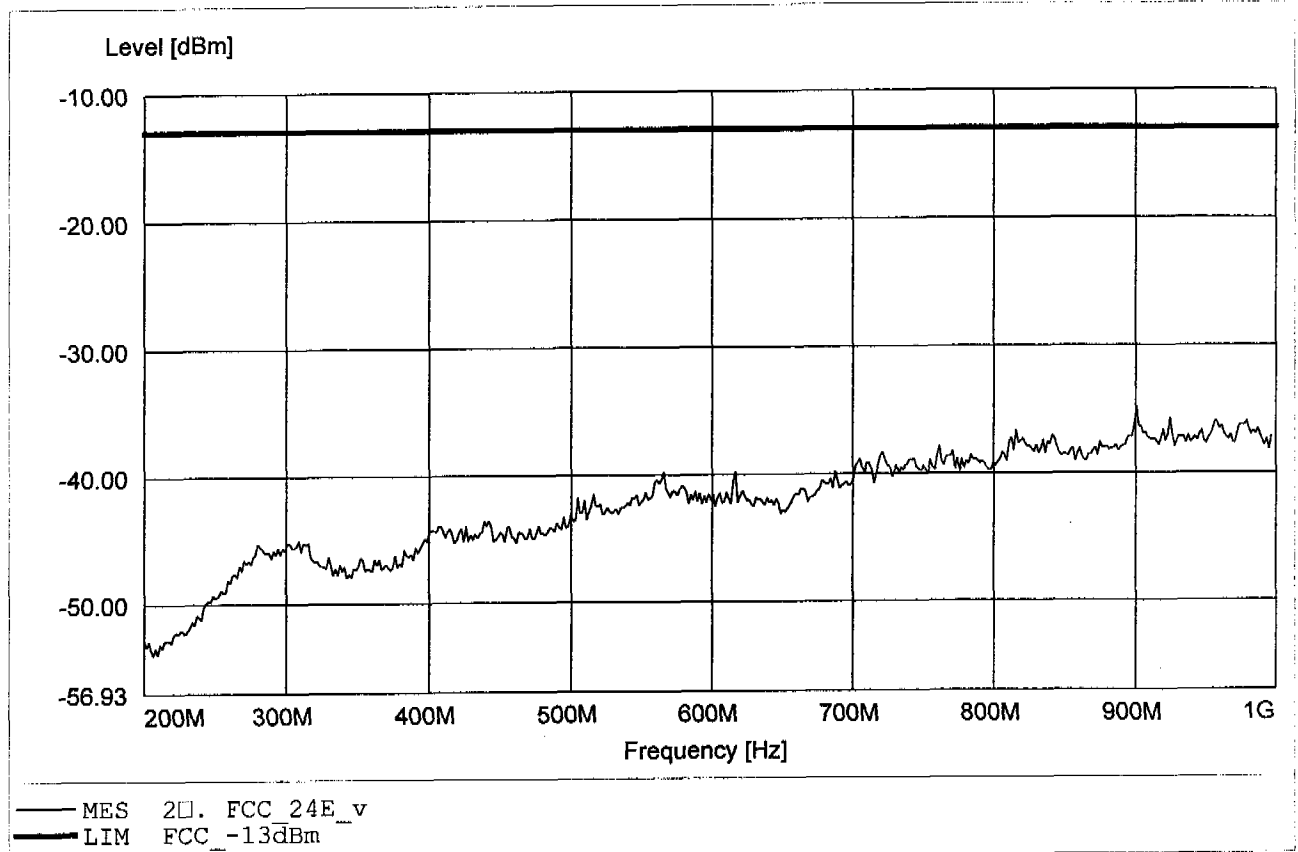
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 157.415MHz, Pmax: -49.47dBm, RBW: 1MHz



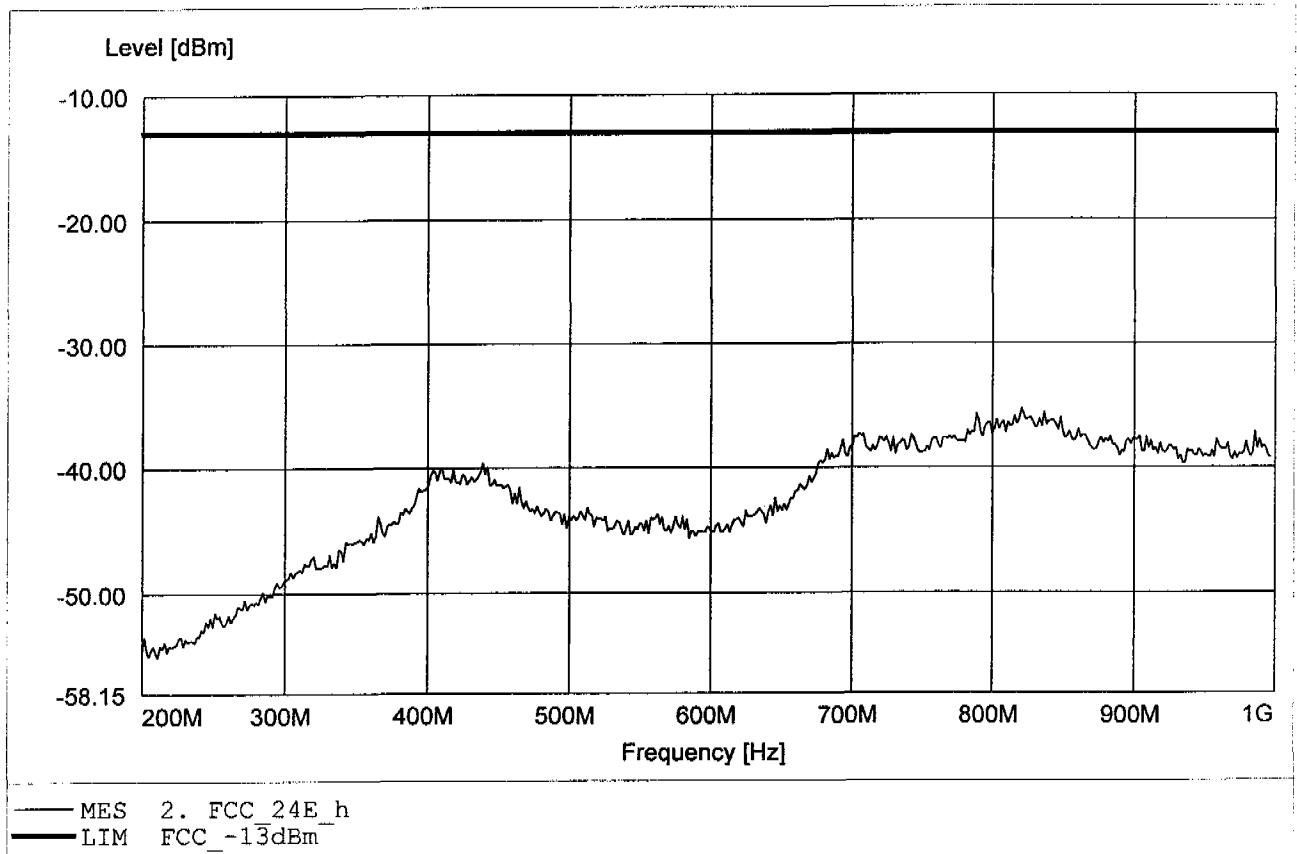
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 900.601MHz, Pmax: -34.82dBm, RBW: 1MHz



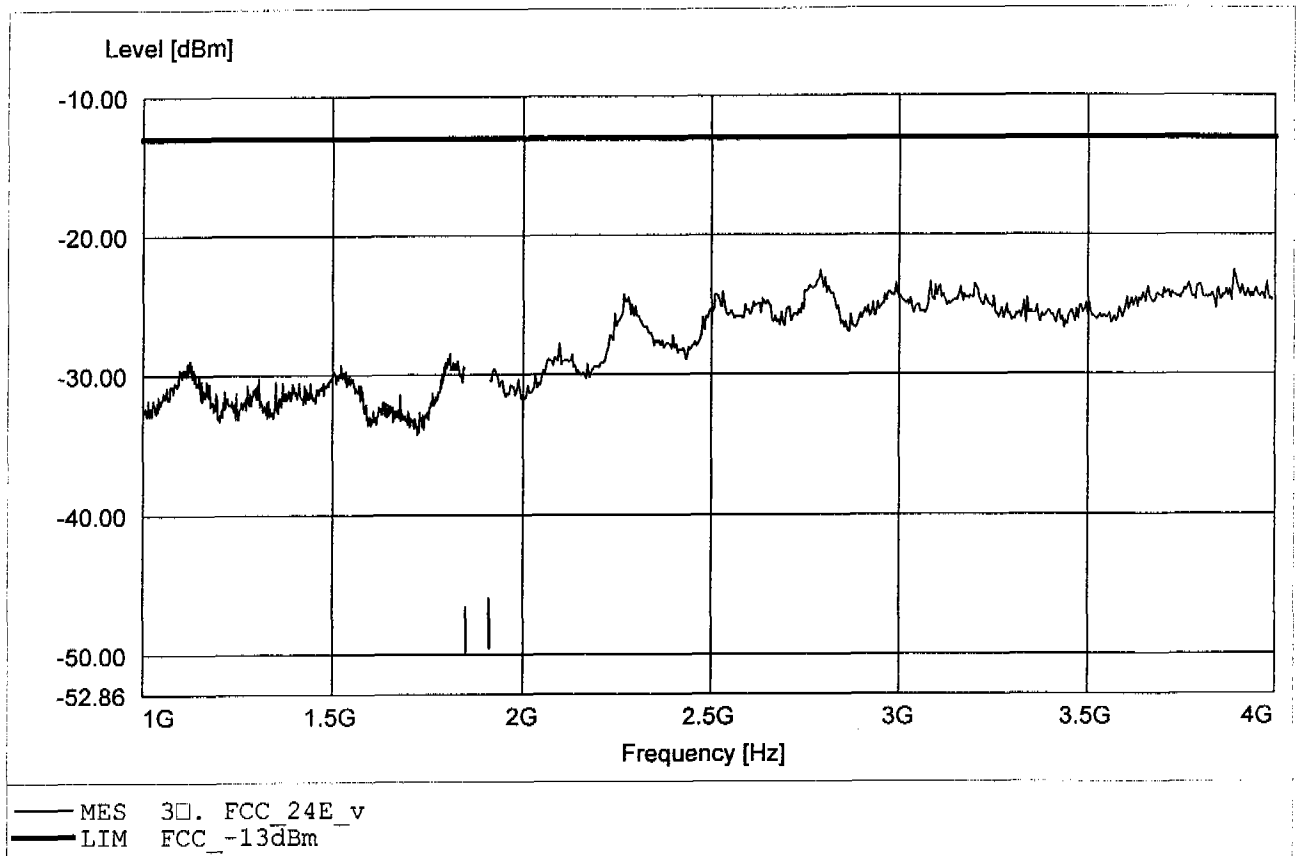
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 820.441MHz, Pmax: -35.23dBm, RBW: 1MHz



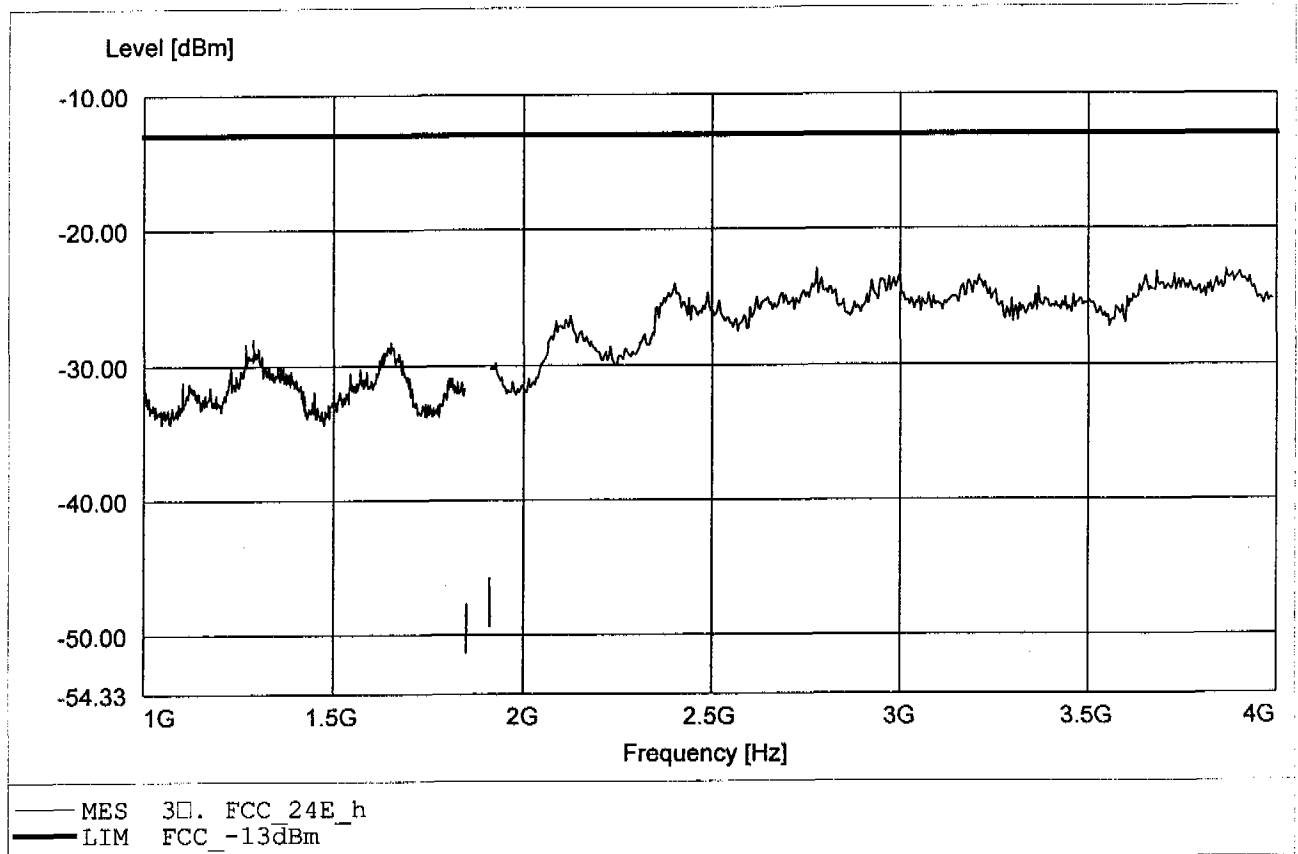
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 66l
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq: 3.891GHz, Pmax: -22.51dBm, RBW: 1MHz/20kHz



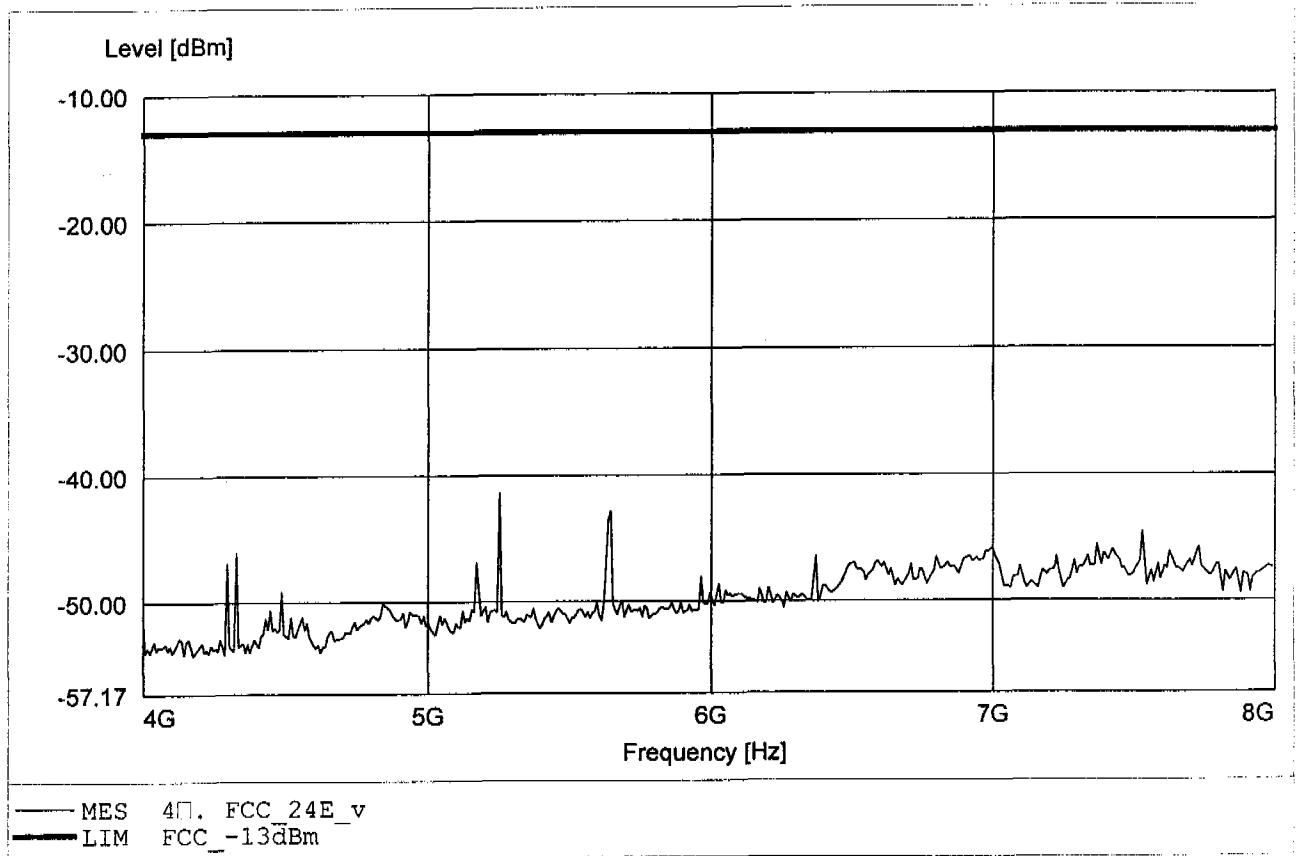
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq: 2.778GHz, Pmax: -22.95dBm, RBW: 1MHz/20kHz



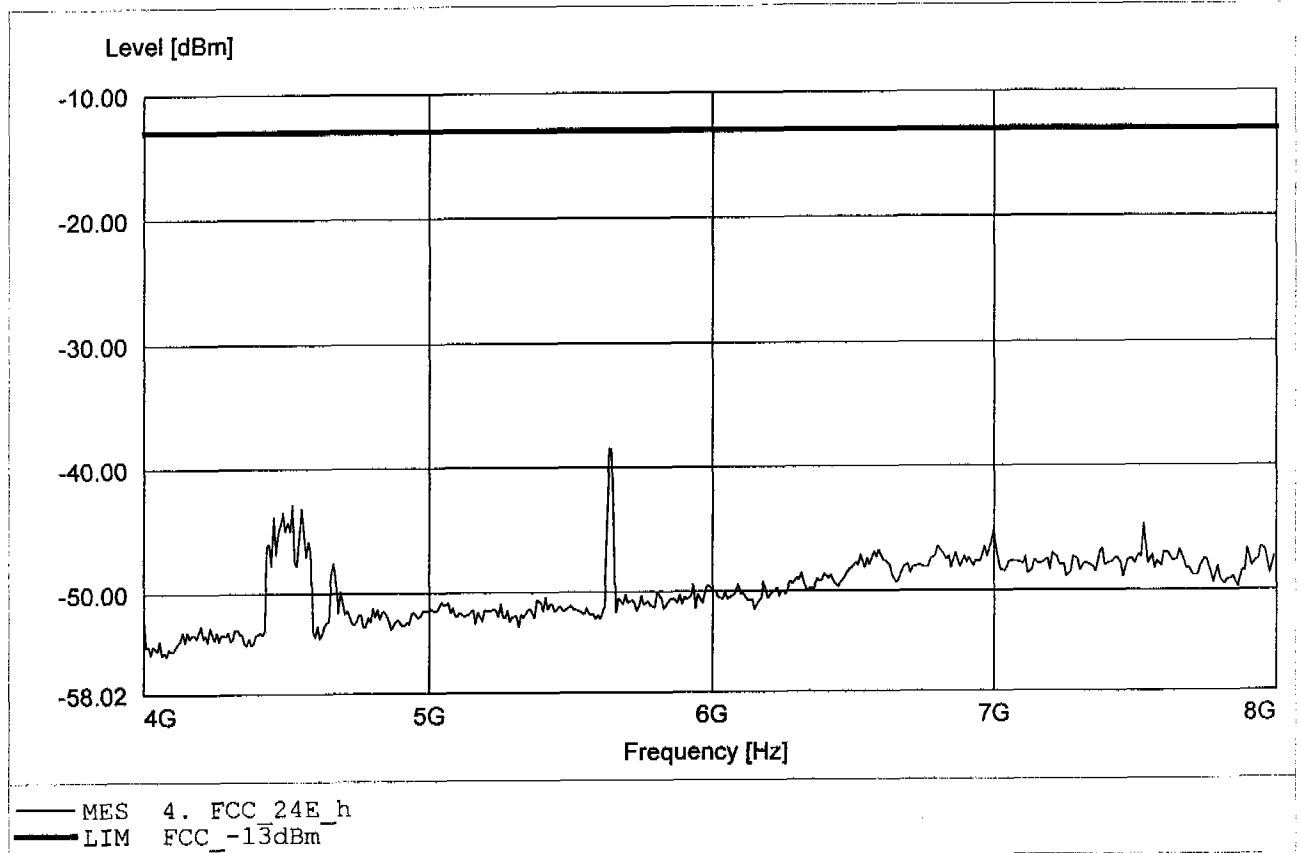
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 5.251GHz, Pmax: -41.40dBm, RBW: 1MHz



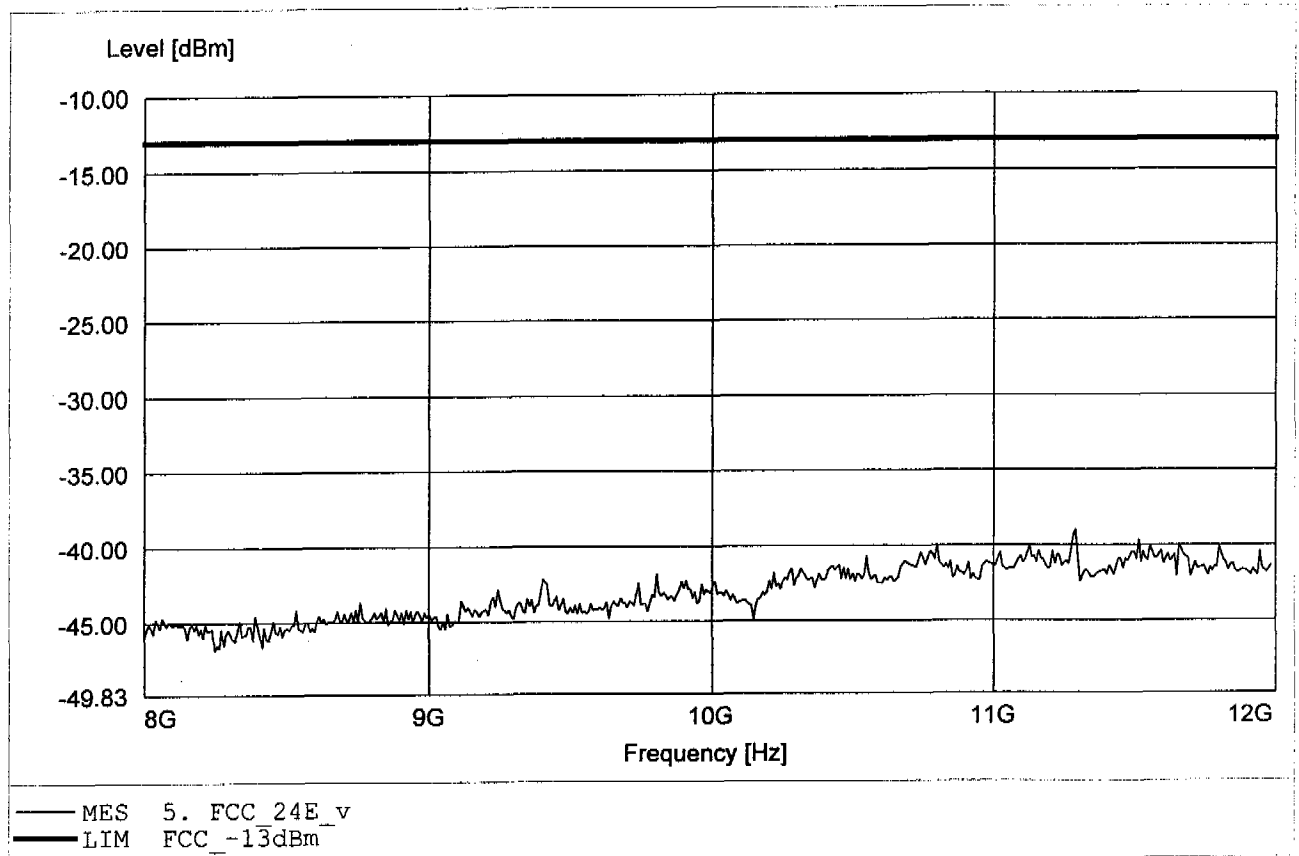
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 5.635GHz, Pmax: -38.49dBm, RBW: 1MHz



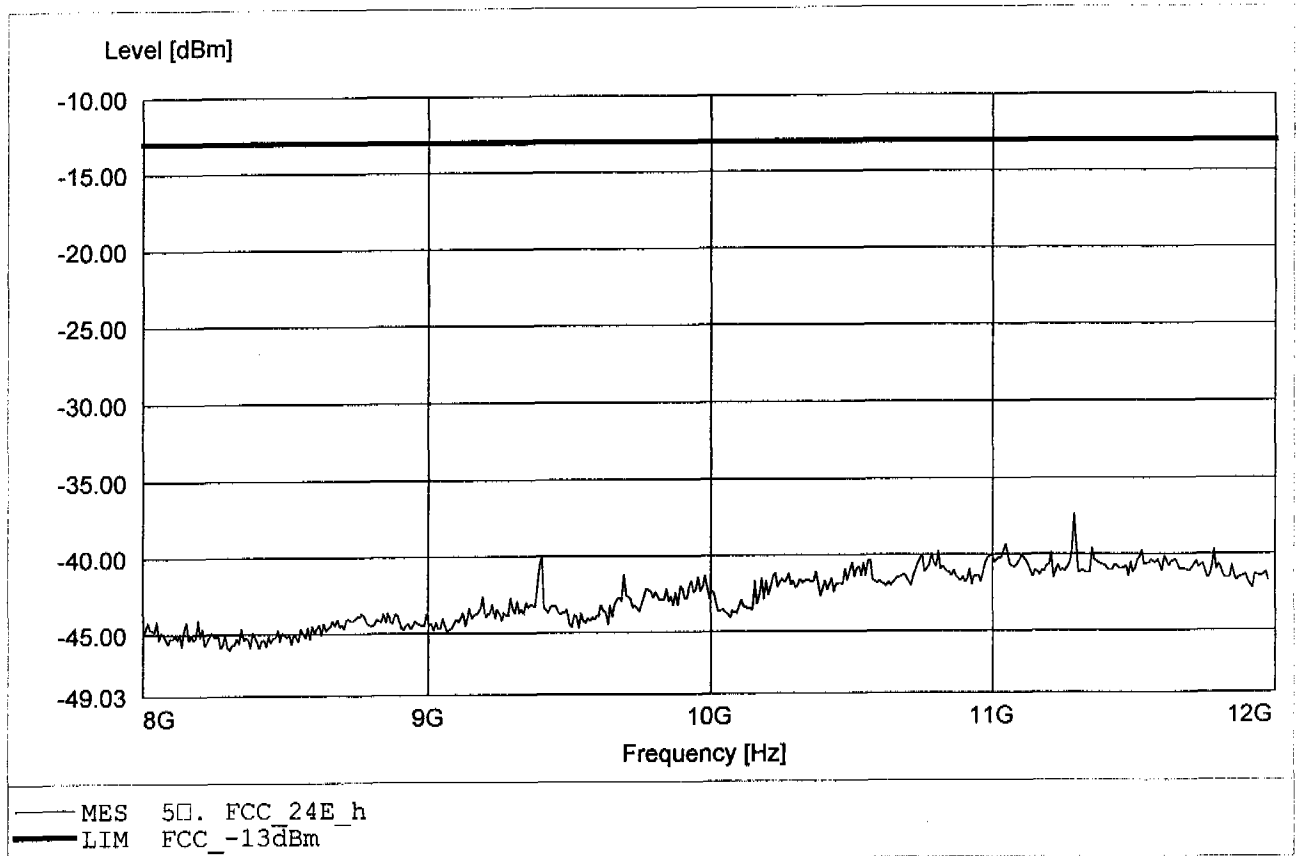
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.287GHz, Pmax: -38.96dBm, RBW: 1MHz



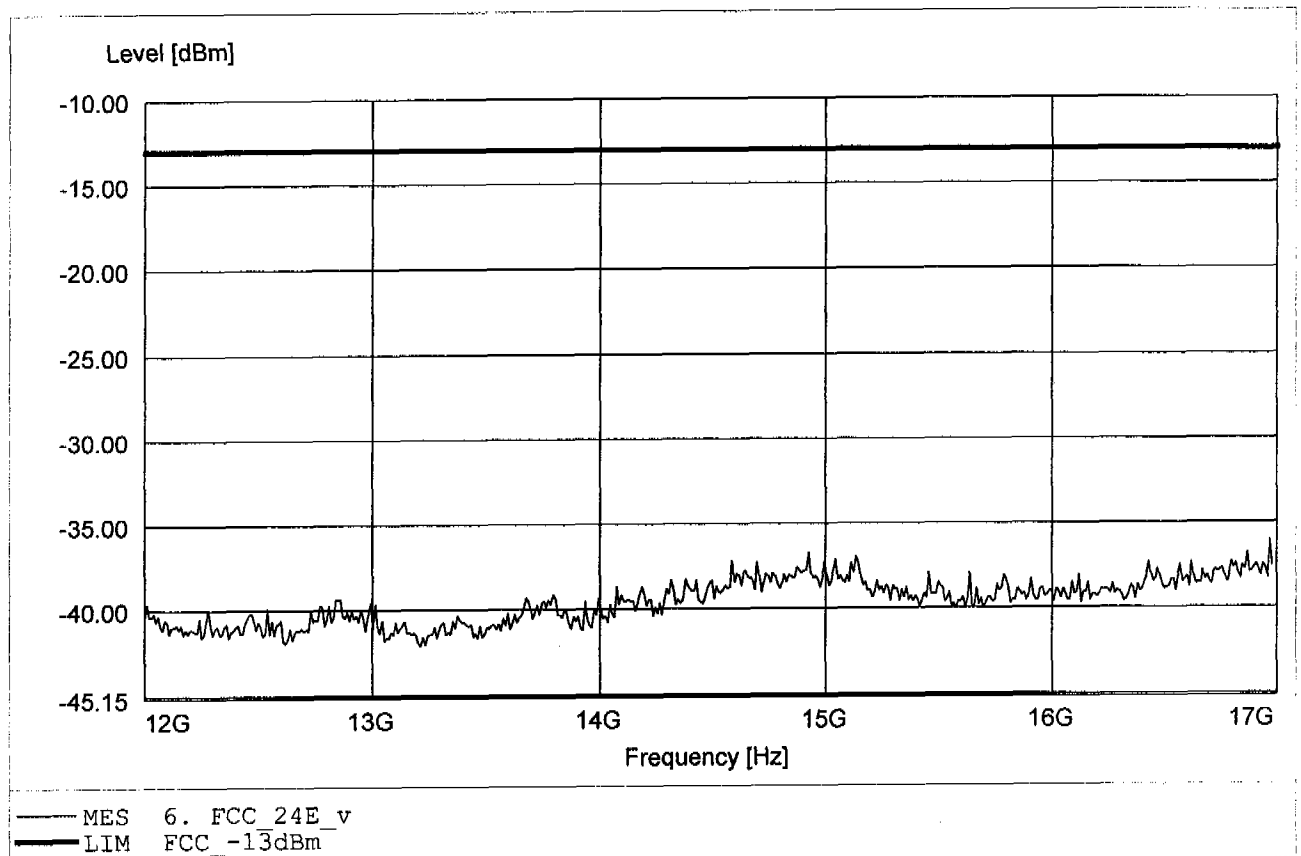
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.287GHz, Pmax: -37.36dBm, RBW: 1MHz



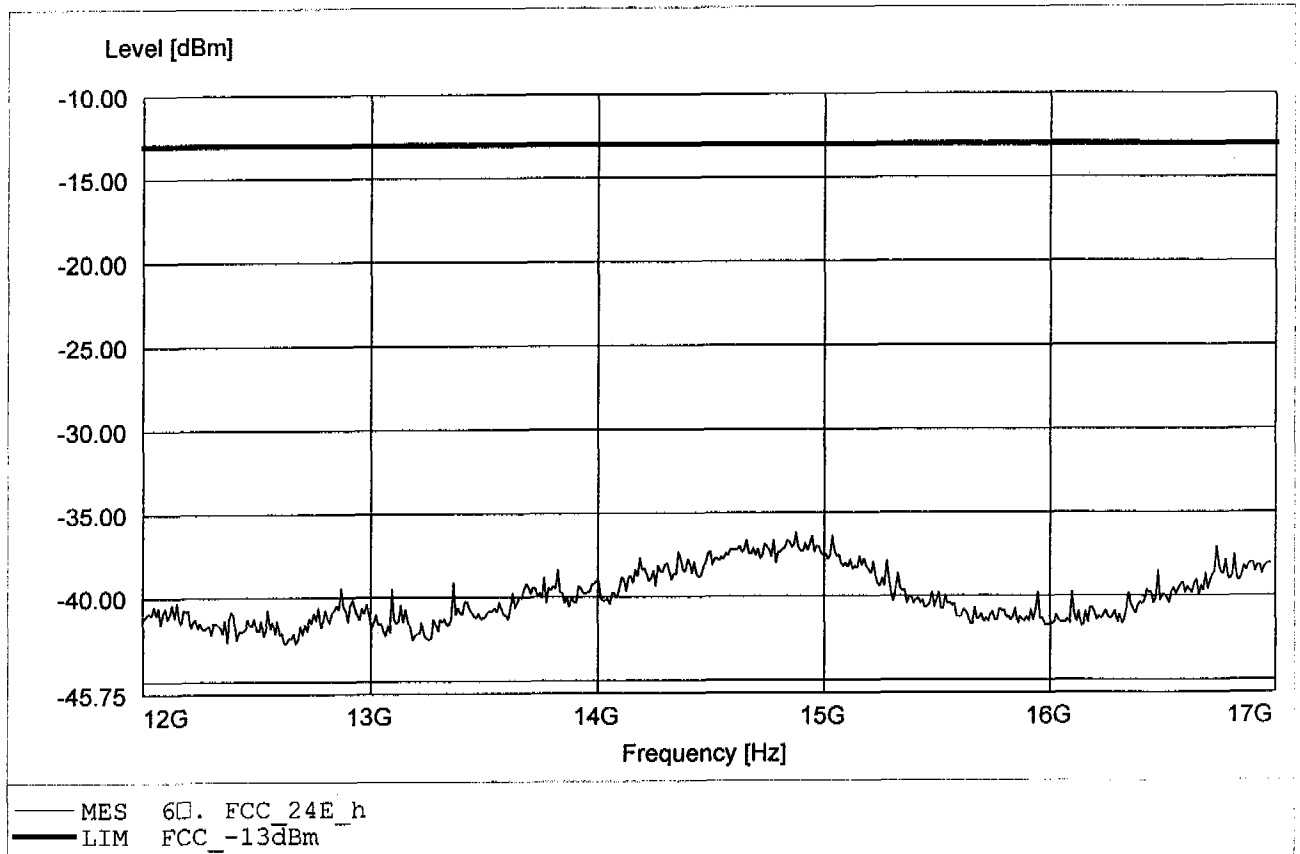
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 16.970GHz, Pmax: -36.03dBm, RBW: 1MHz



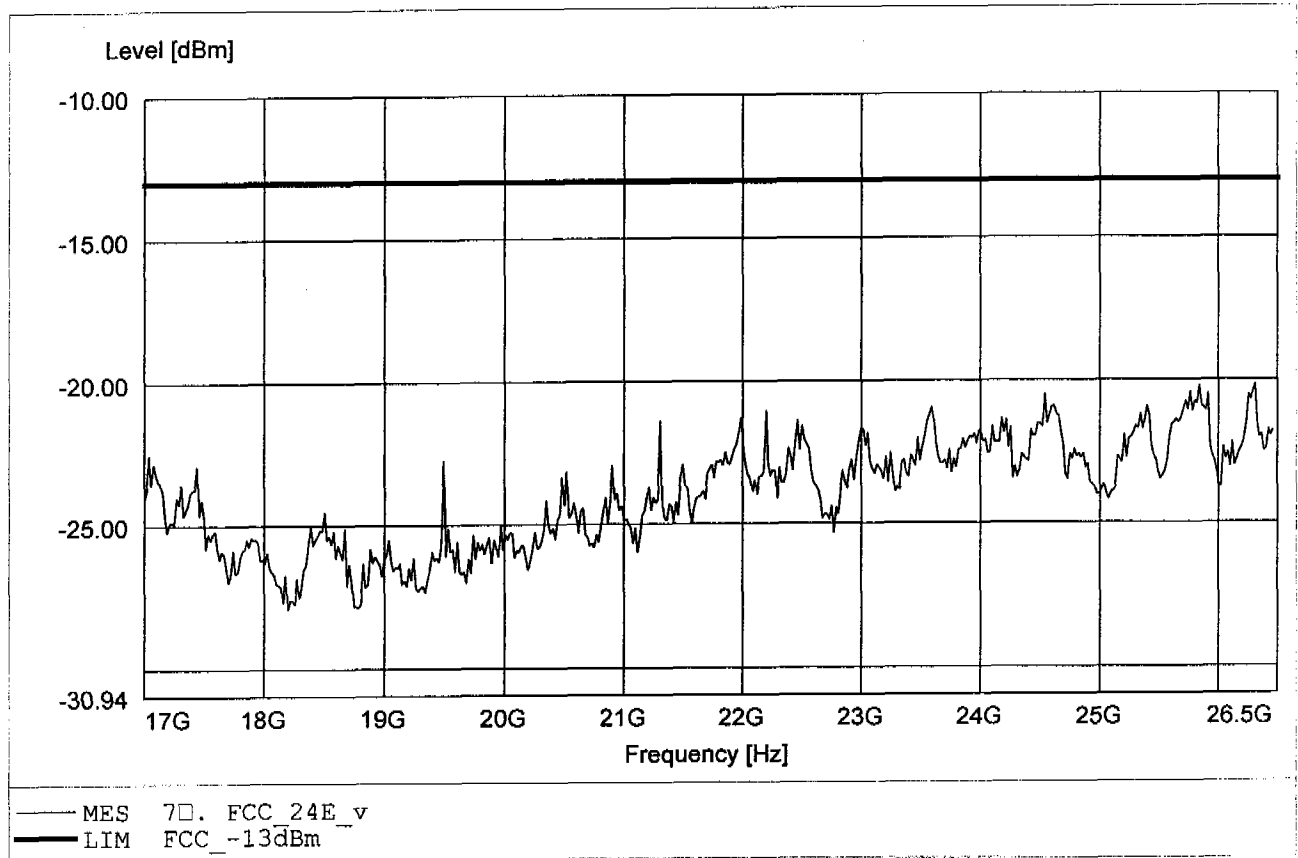
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.876GHz, Pmax: -36.17dBm, RBW: 1MHz



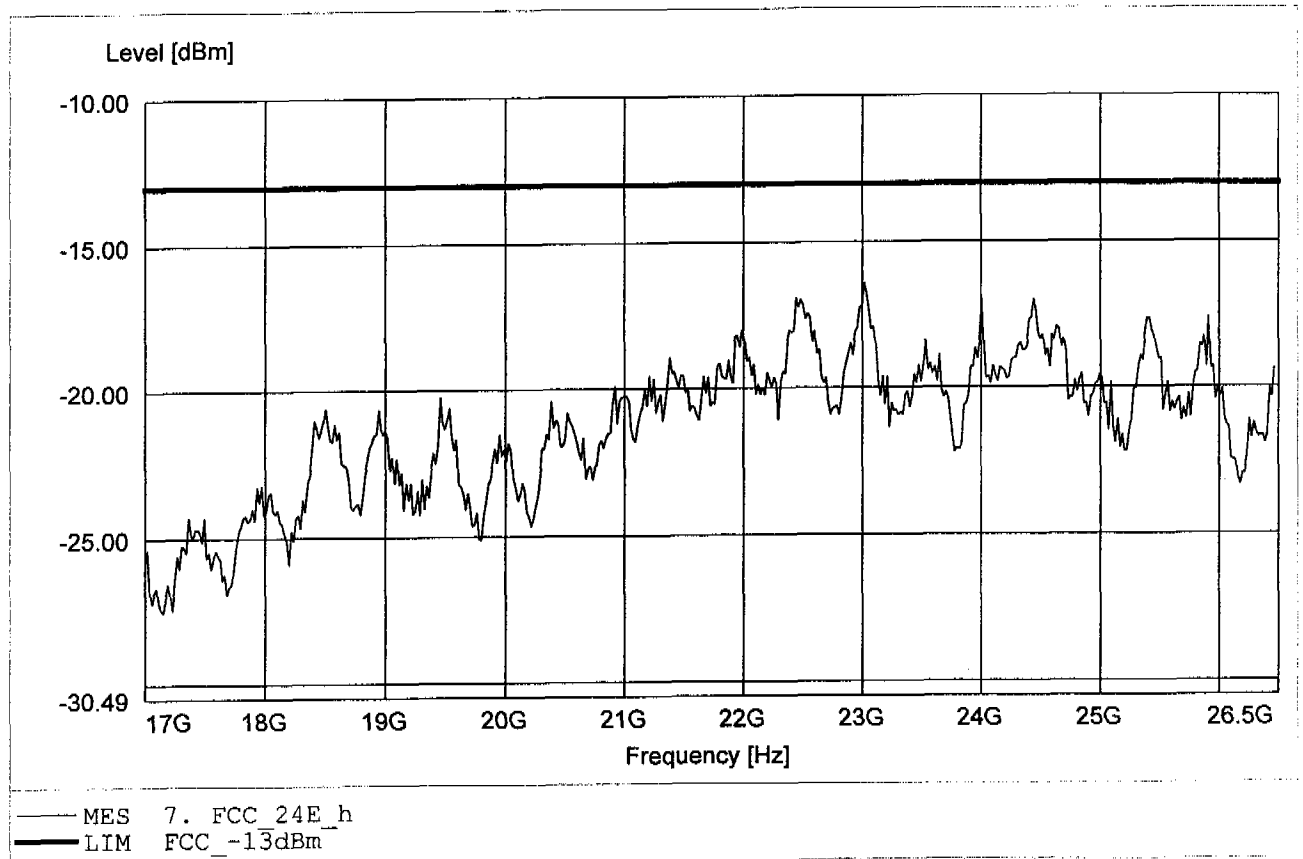
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.310GHz, Pmax: -20.13dBm, RBW: 1MHz



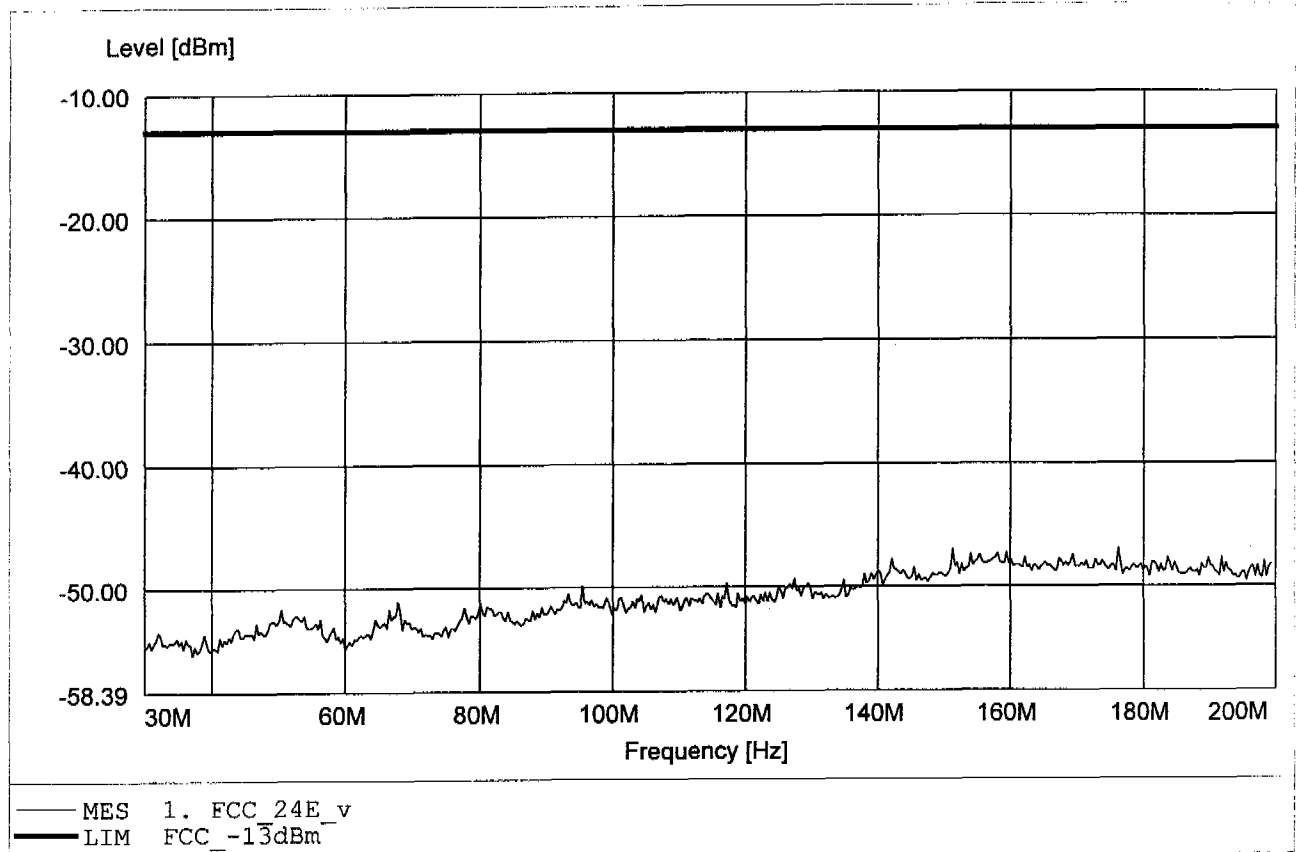
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : RUCM-200
Approval Holder: Micro Systems Engineering Inc.
Channel: 661
Operating Condition: Tnom:23°C / Unom: 12 V DC
Test Site / Operator: ETS / Mr. Heide
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.016GHz, Pmax: -16.39dBm, RBW: 1MHz



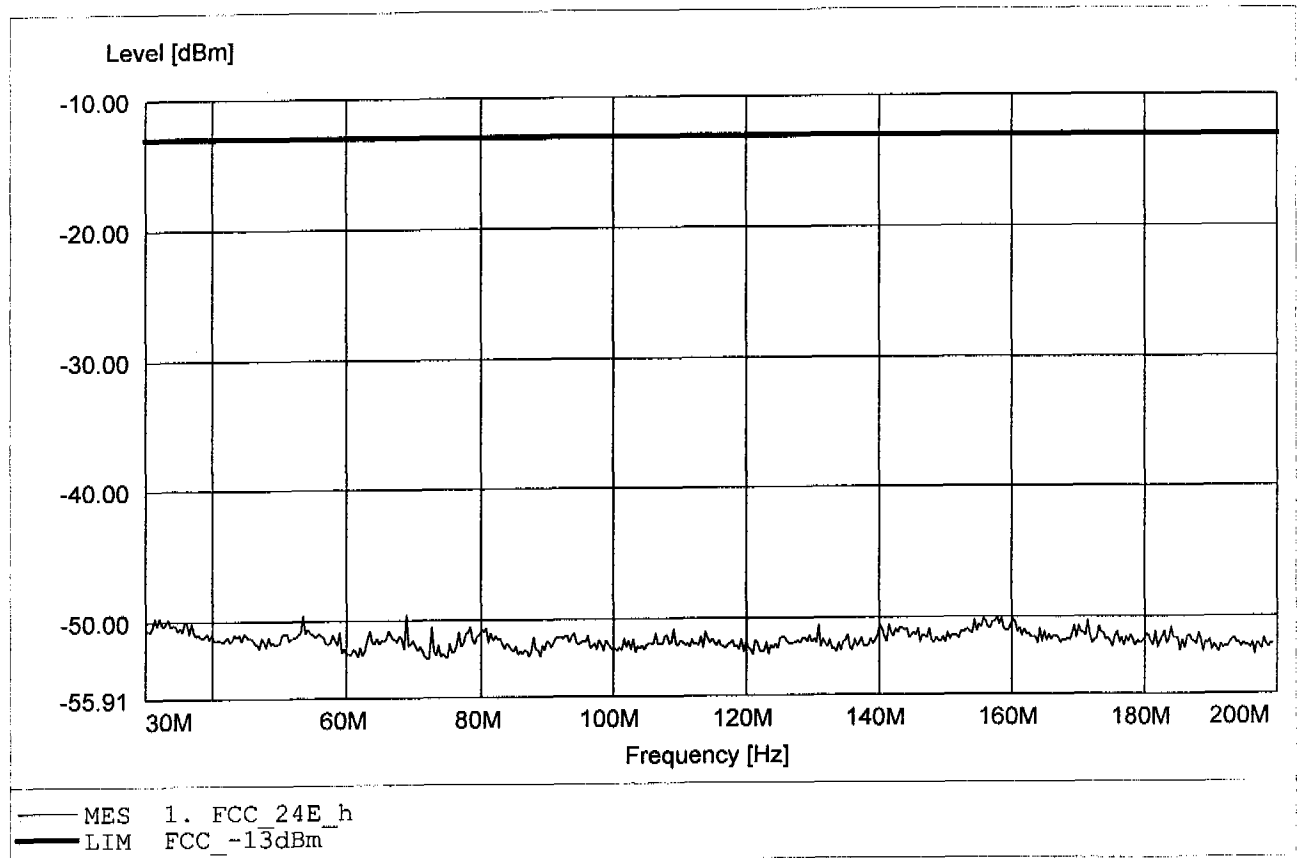
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 176.152MHz, Pmax: -46.95dBm, RBW: 1MHz



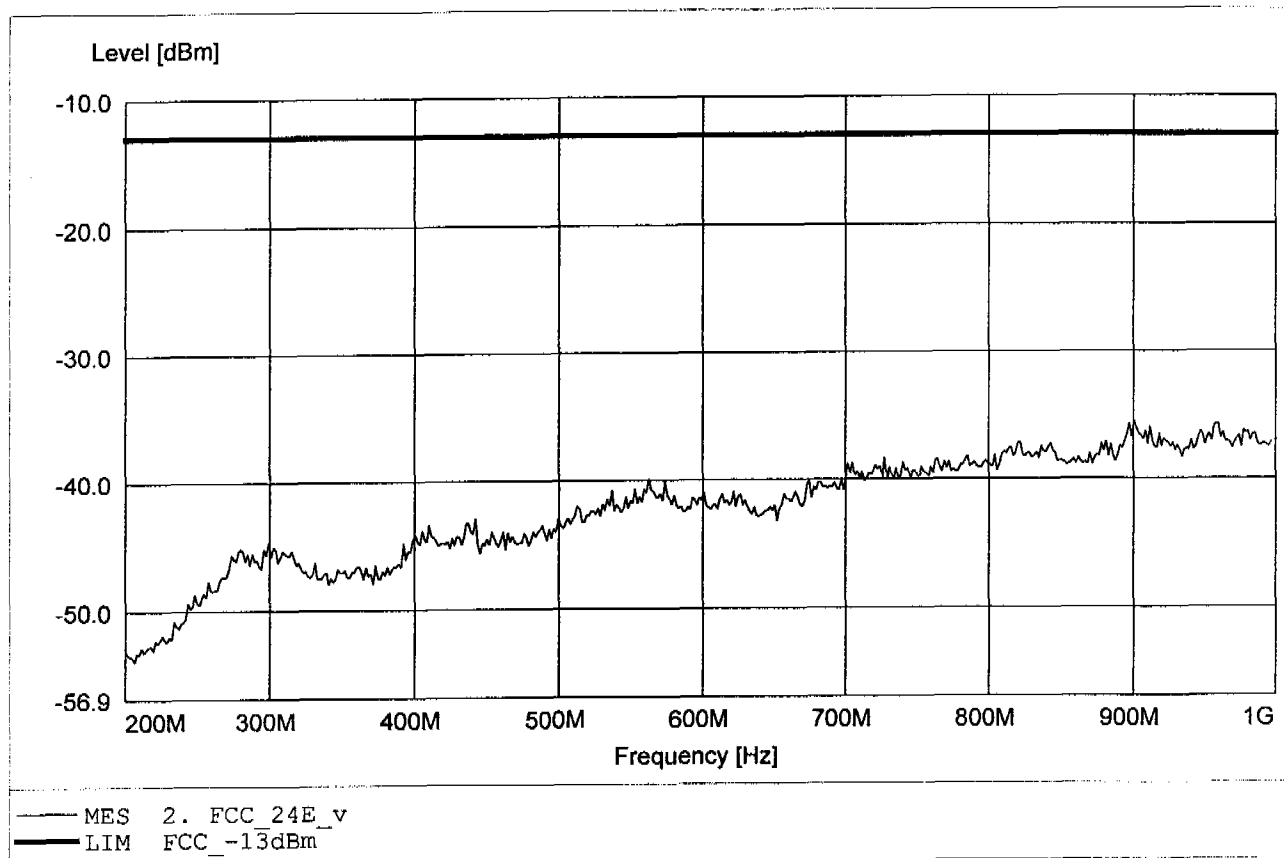
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 53.507MHz, Pmax: -49.52dBm, RBW: 1MHz



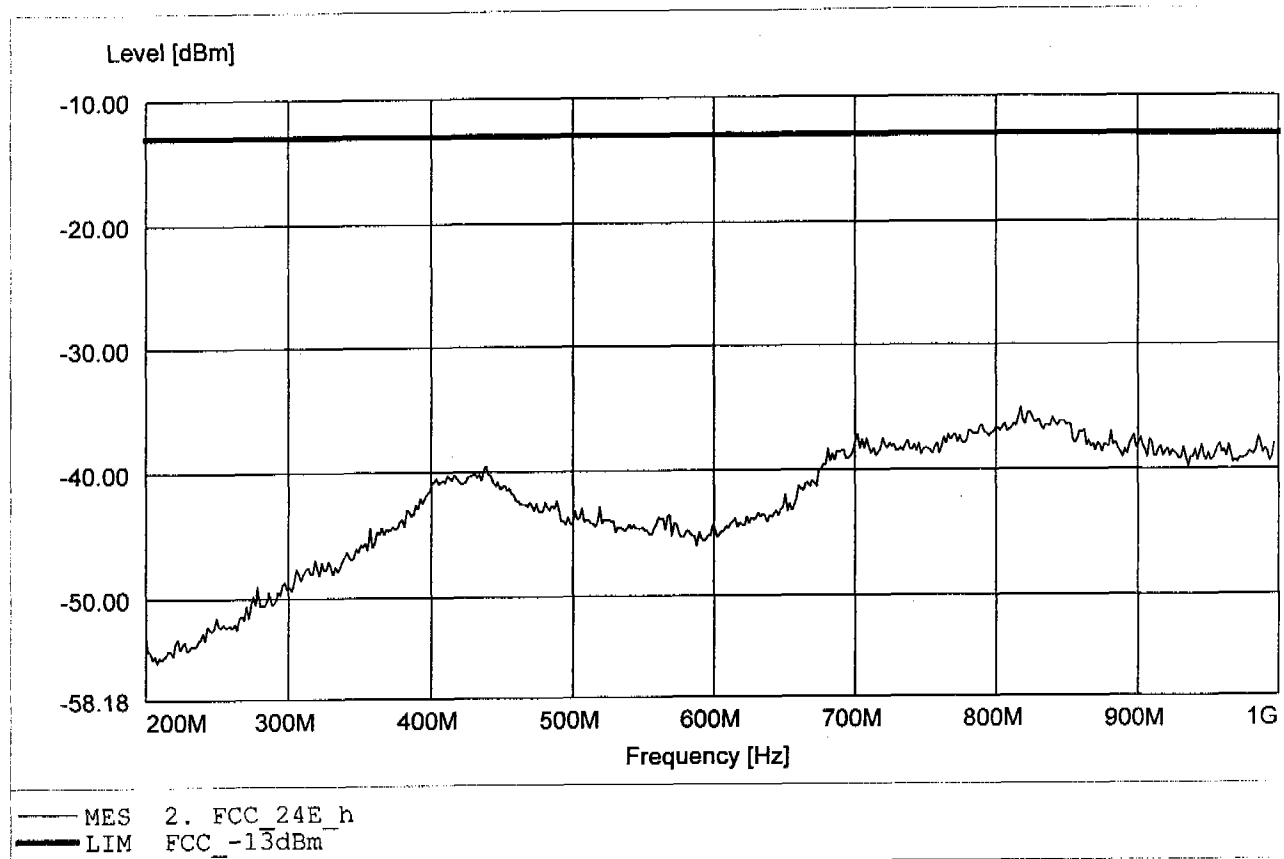
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 900.601MHz, Pmax: -35.53dBm, RBW: 1MHz



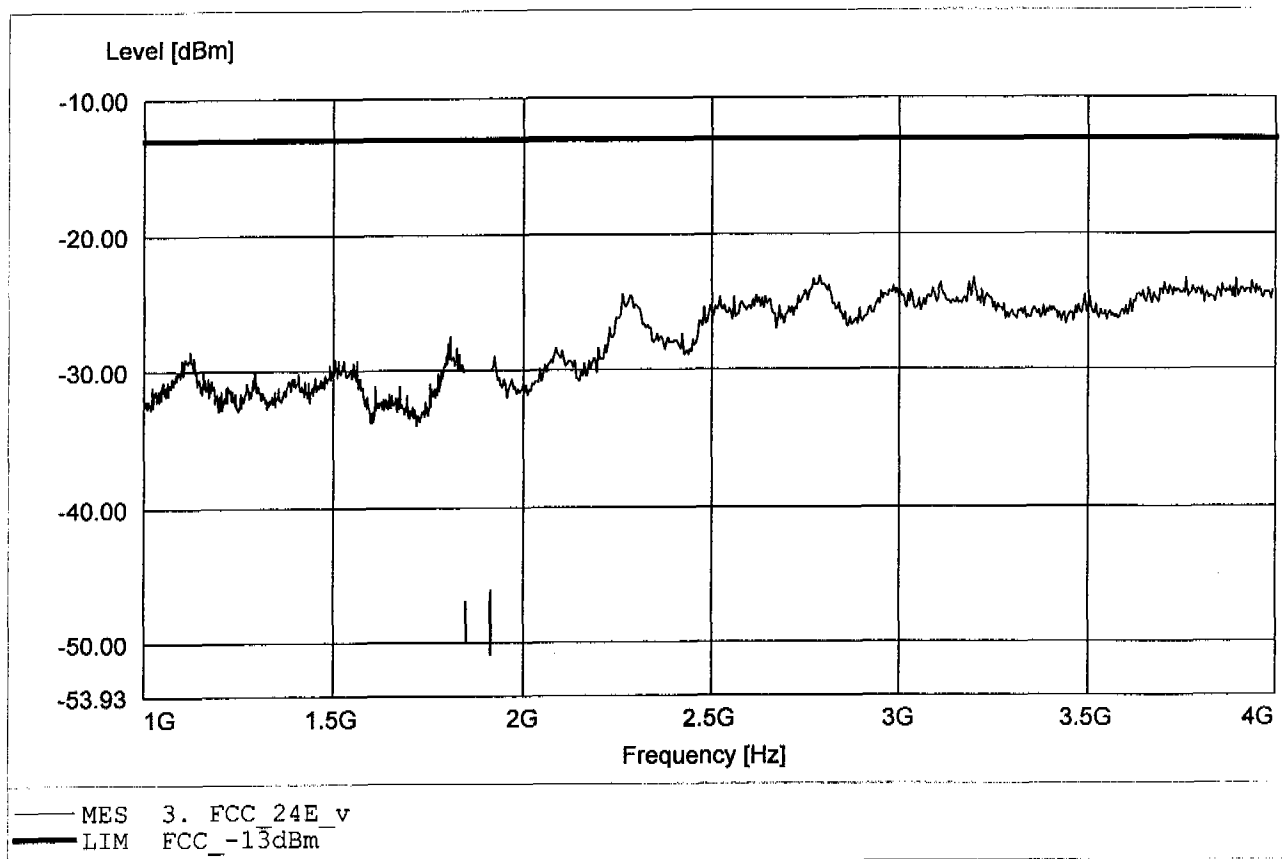
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 817.234MHz, Pmax: -35.06dBm, RBW: 1MHz



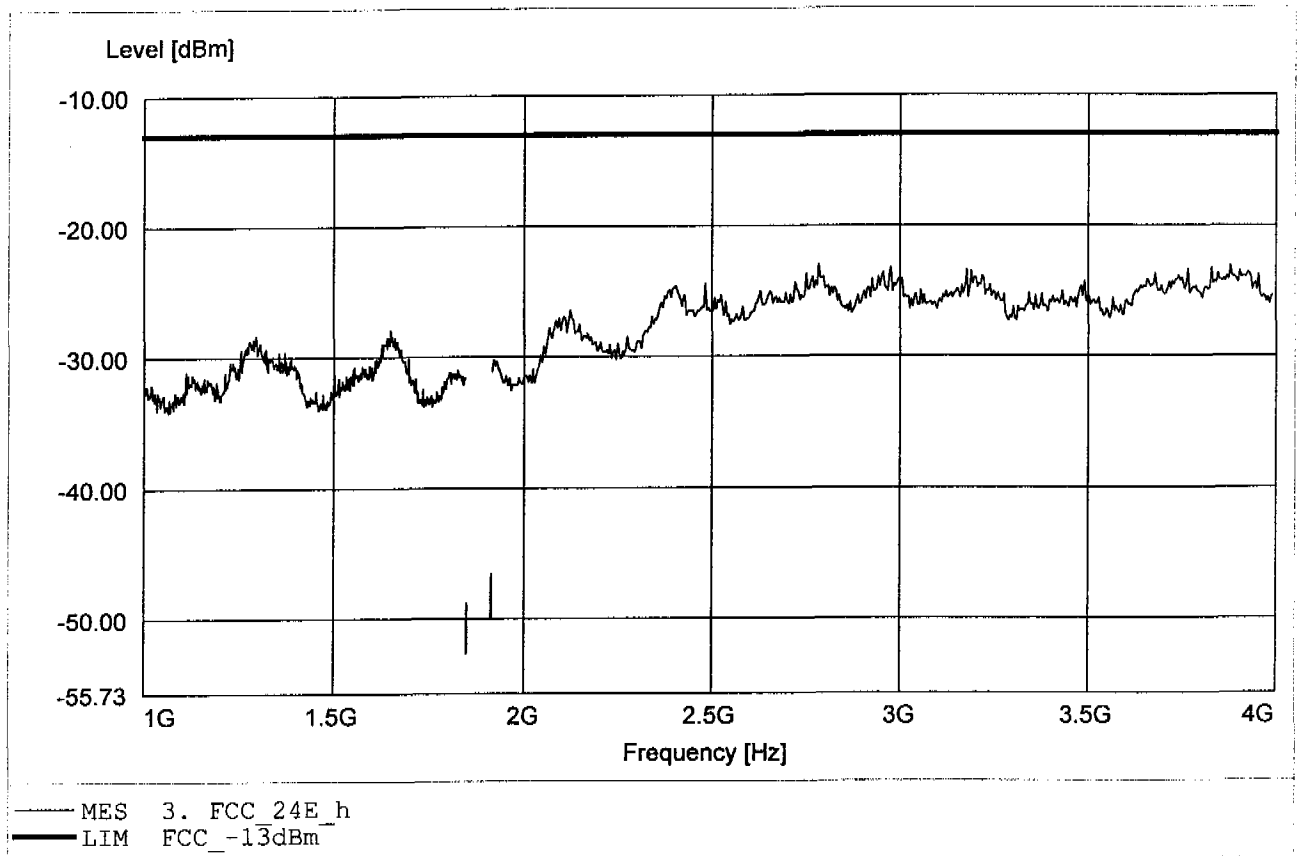
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq: 2.788GHz, Pmax: -23.08dBm, RBW: 1MHz/20kHz



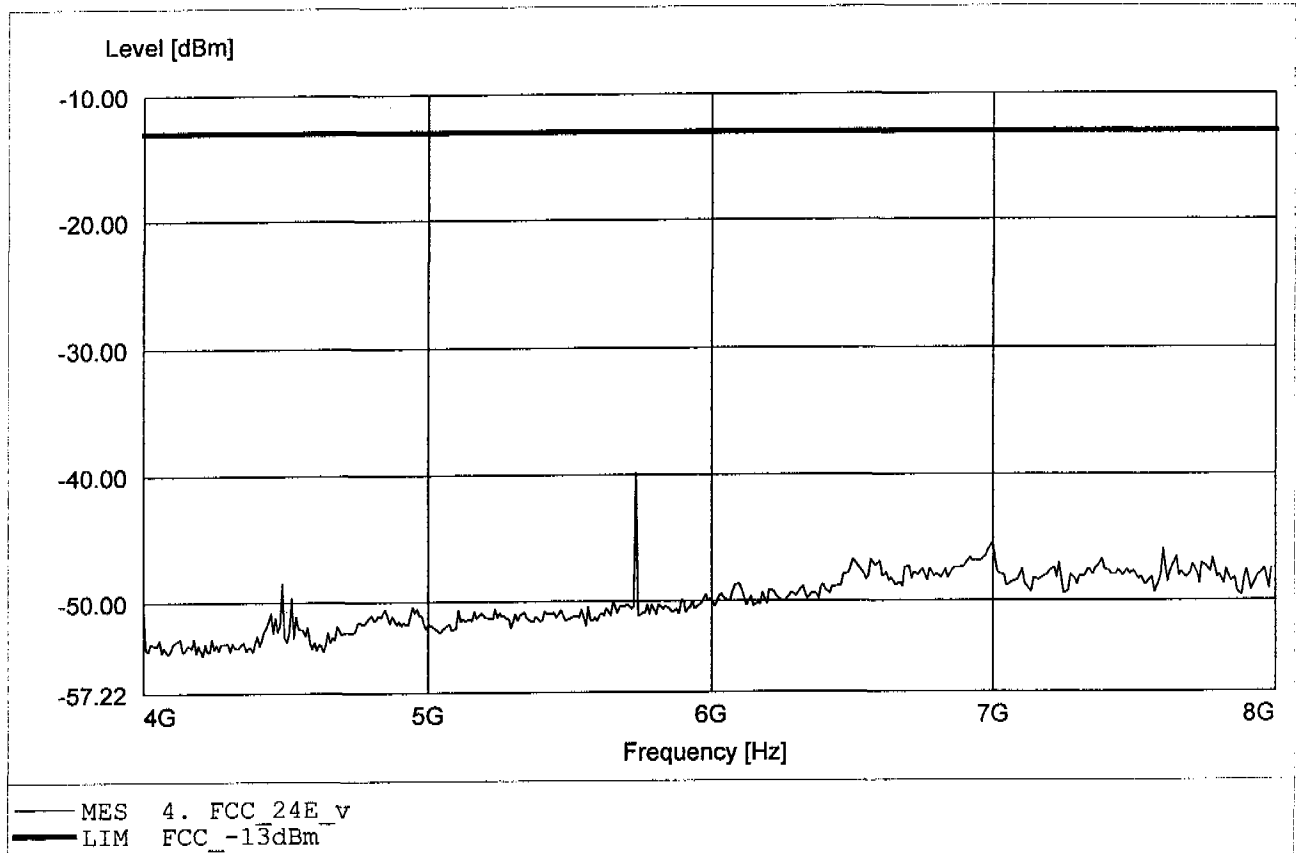
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq: 2.784GHz, Pmax: -22.97dBm, RBW: 1MHz/20kHz



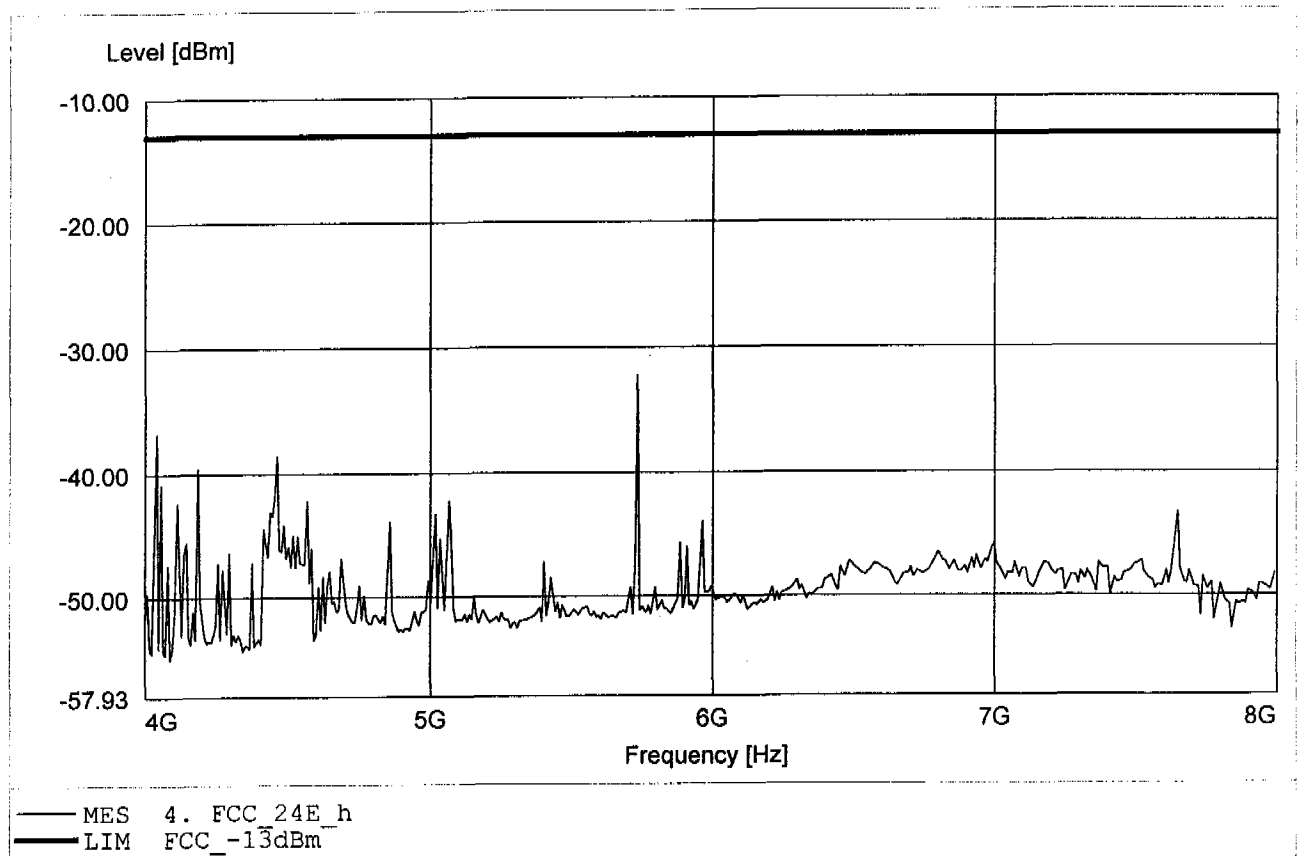
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -39.85dBm, RBW: 1MHz



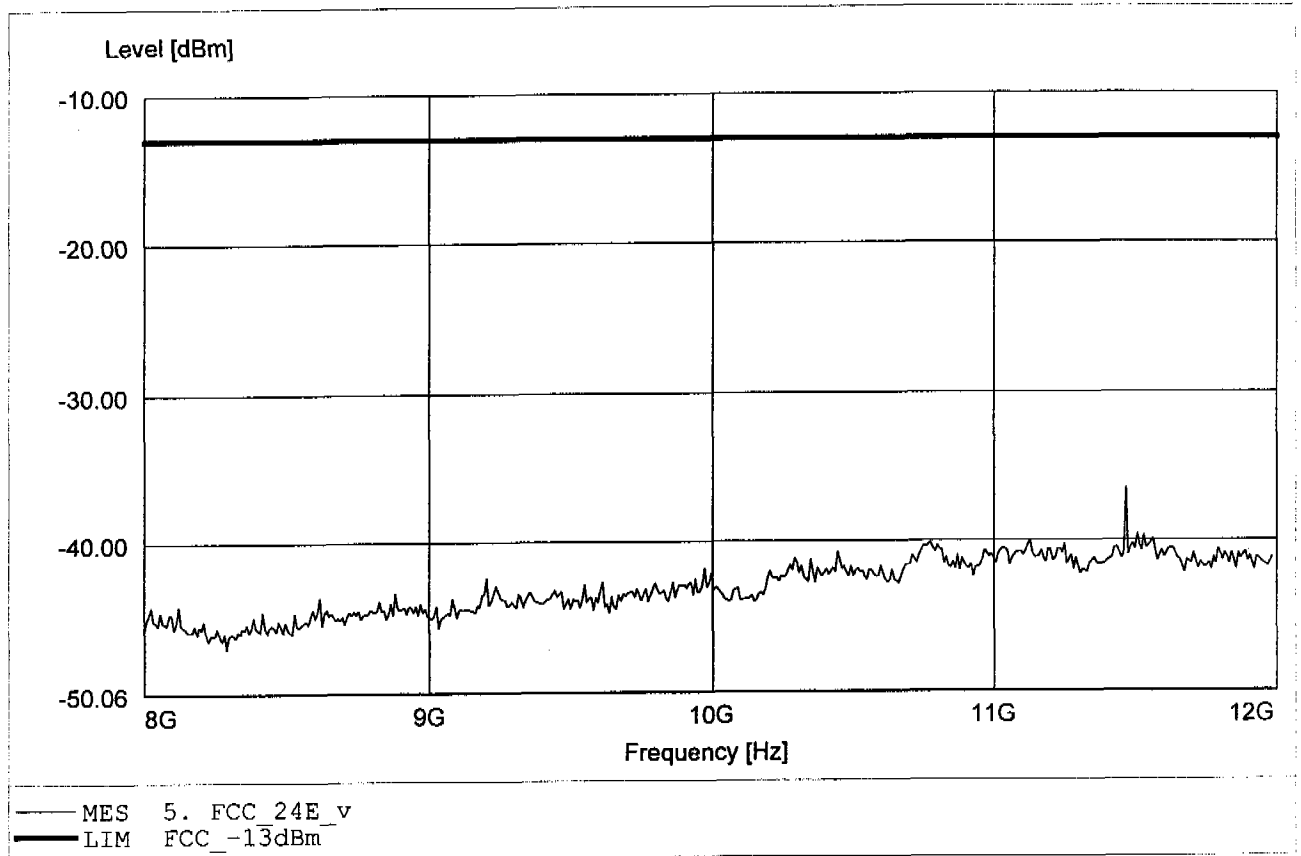
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -32.21dBm, RBW: 1MHz



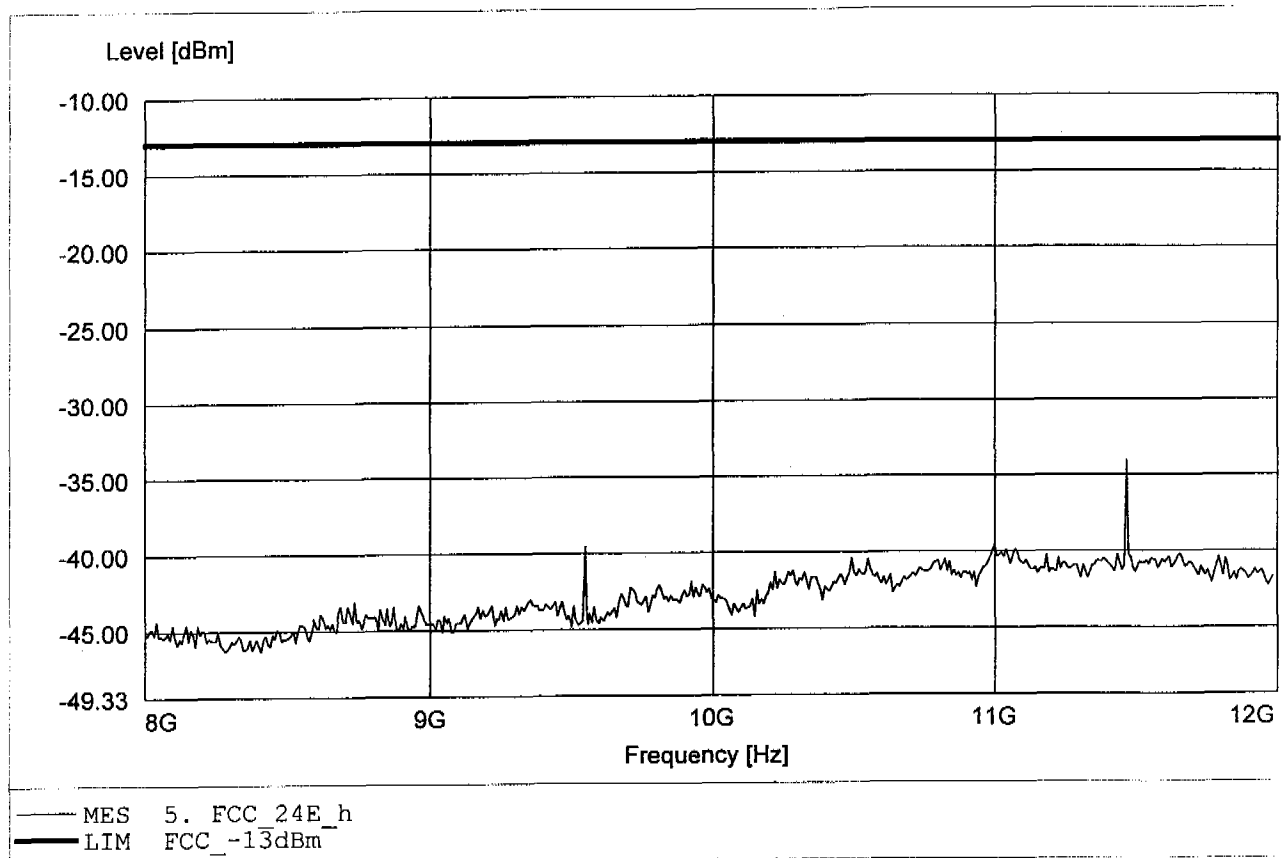
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.463GHz, Pmax: -36.46dBm, RBW: 1MHz



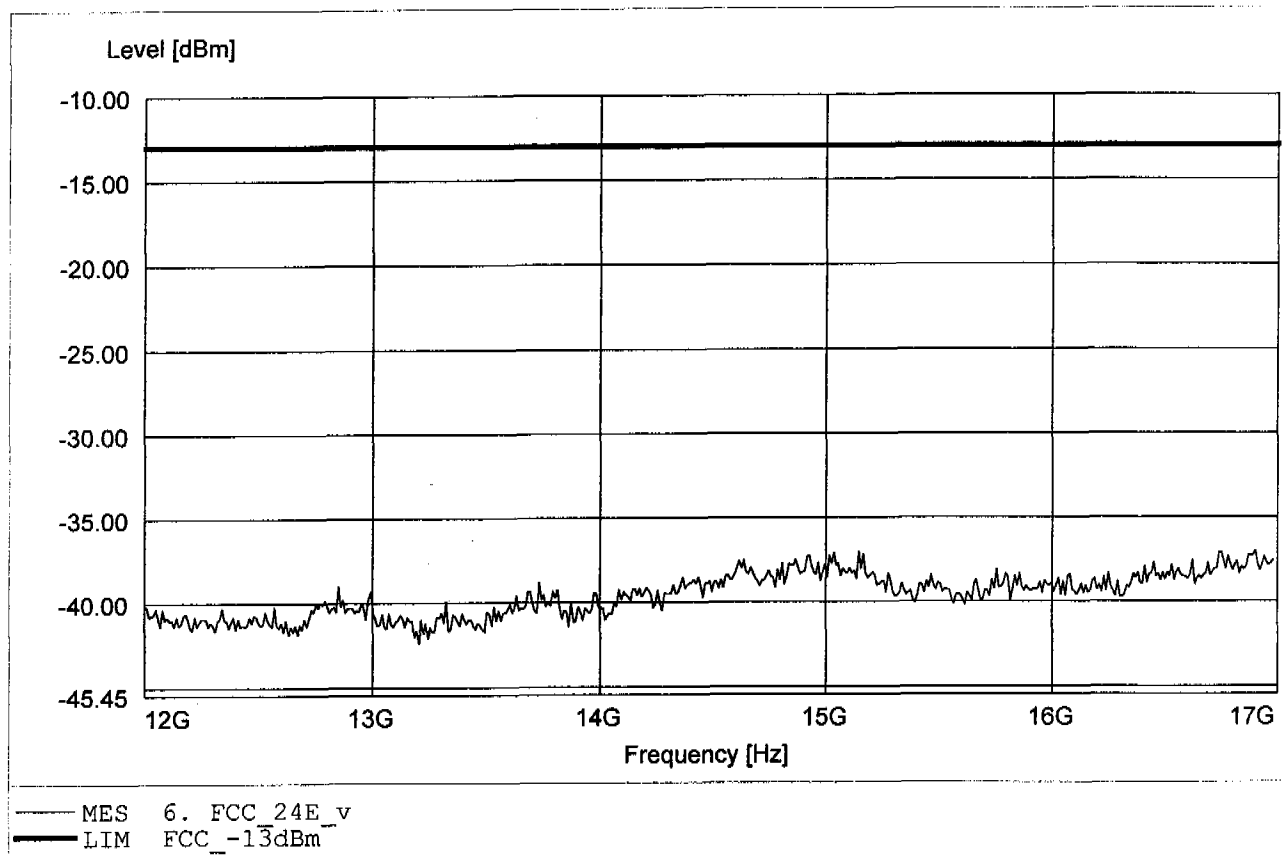
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.463GHz, Pmax: -34.06dBm, RBW: 1MHz



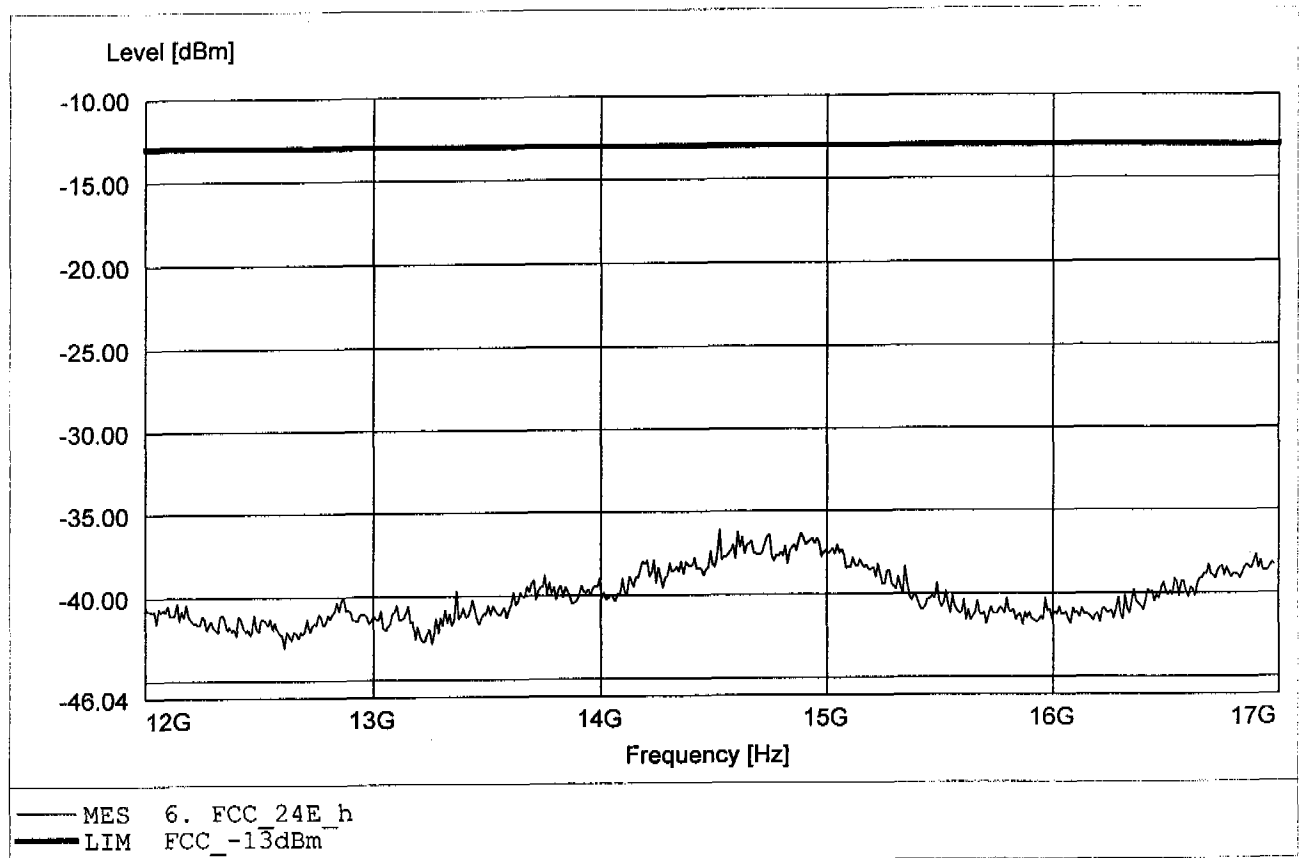
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 16.900GHz, Pmax: -36.98dBm, RBW: 1MHz



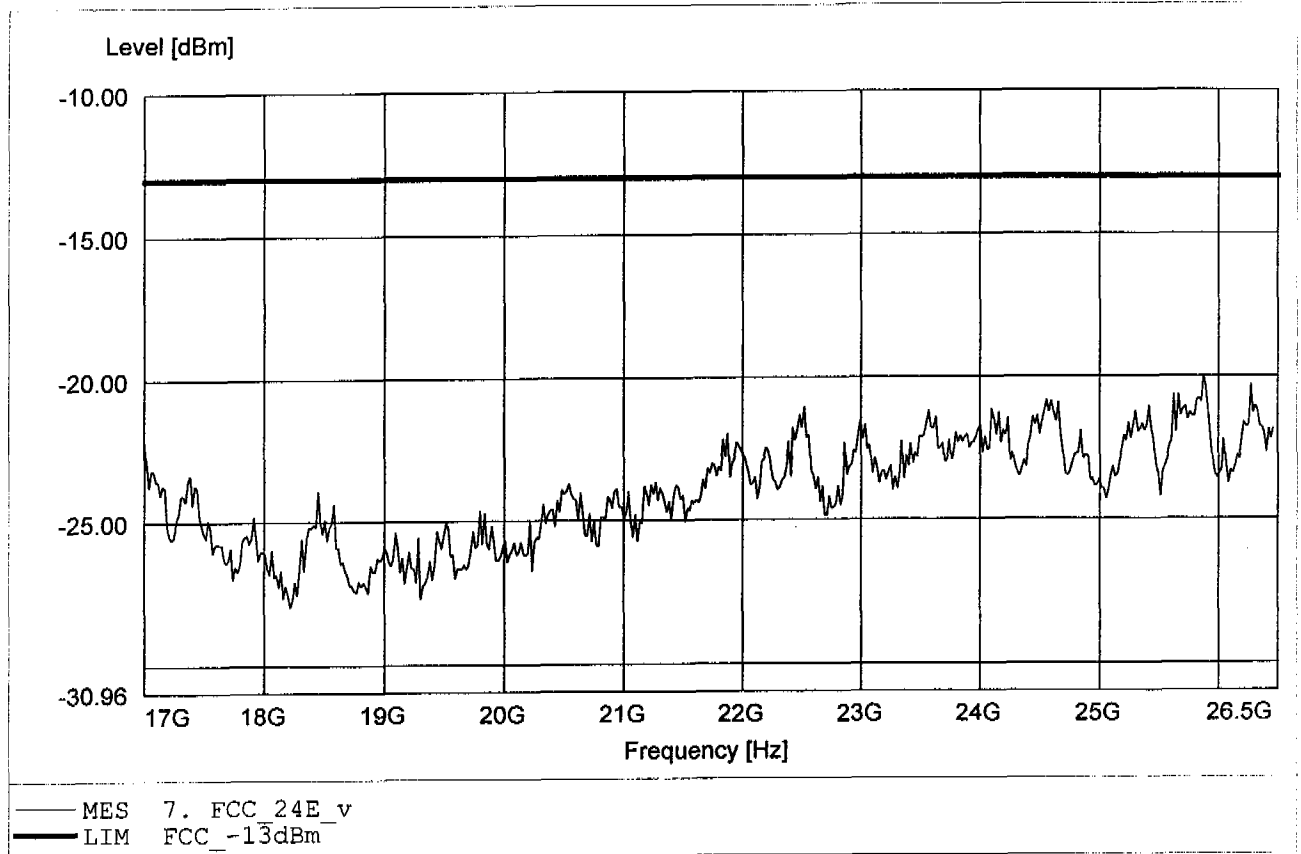
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.525GHz, Pmax: -36.10dBm, RBW: 1MHz



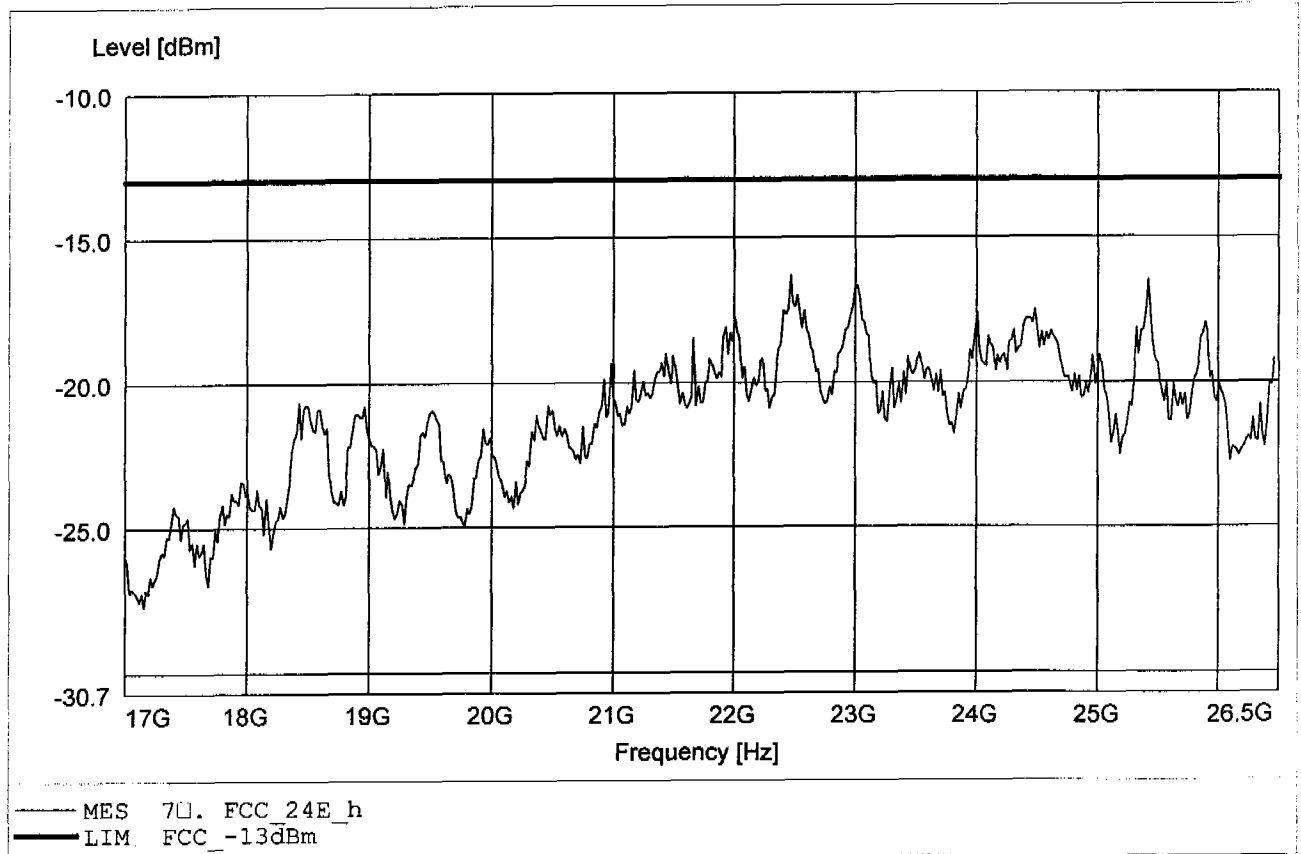
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.872GHz, Pmax: -19.98dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT : 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: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: 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