

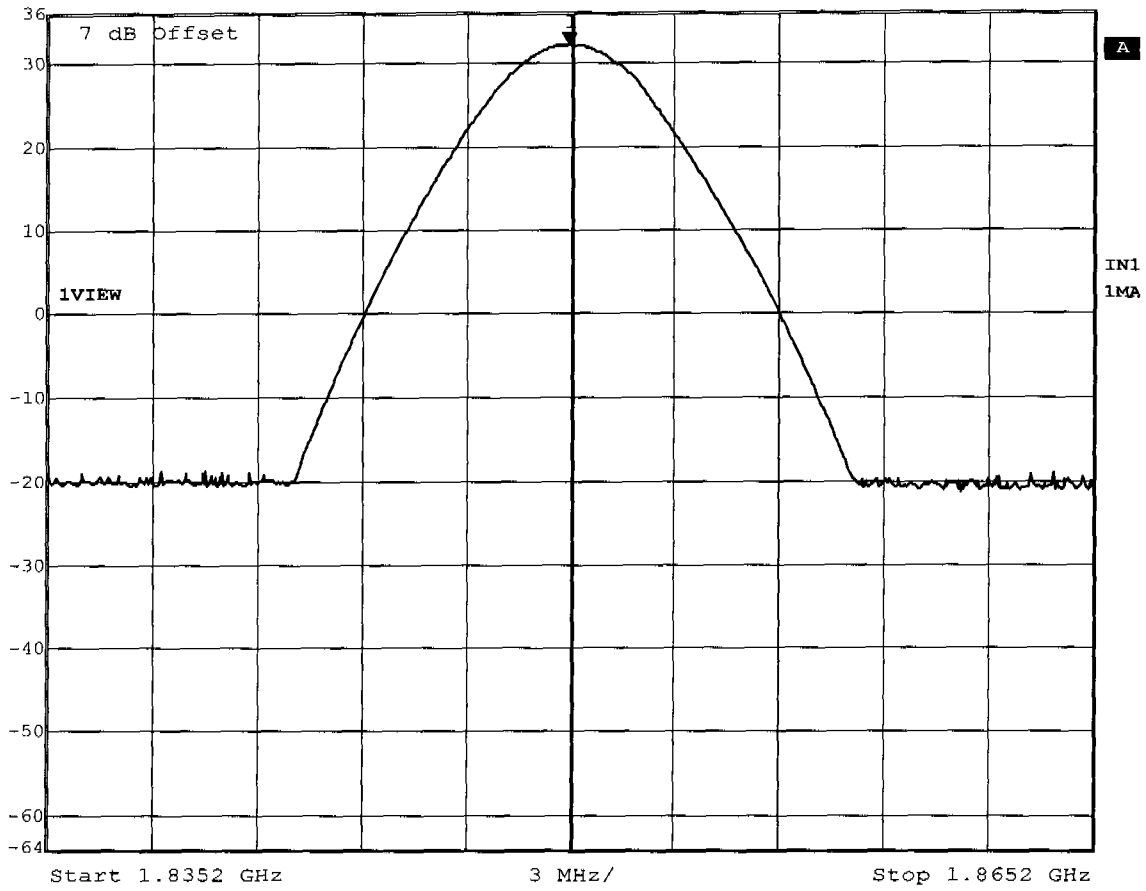


Appendix B

RF Power Output



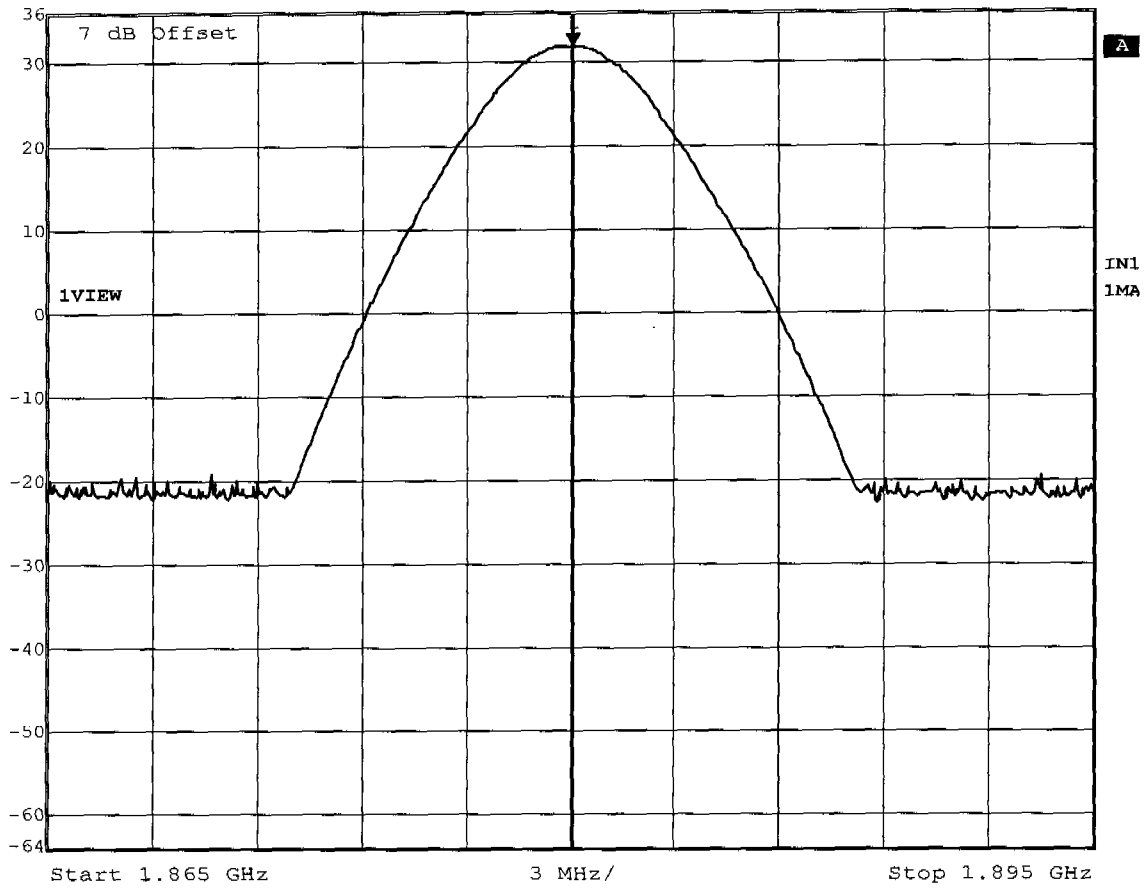
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.00 dBm VBW 3 MHz
36 dBm 1.85016994 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 512
Comment A: MC3000NA
Date: 30.DEC.2003 12:38:43



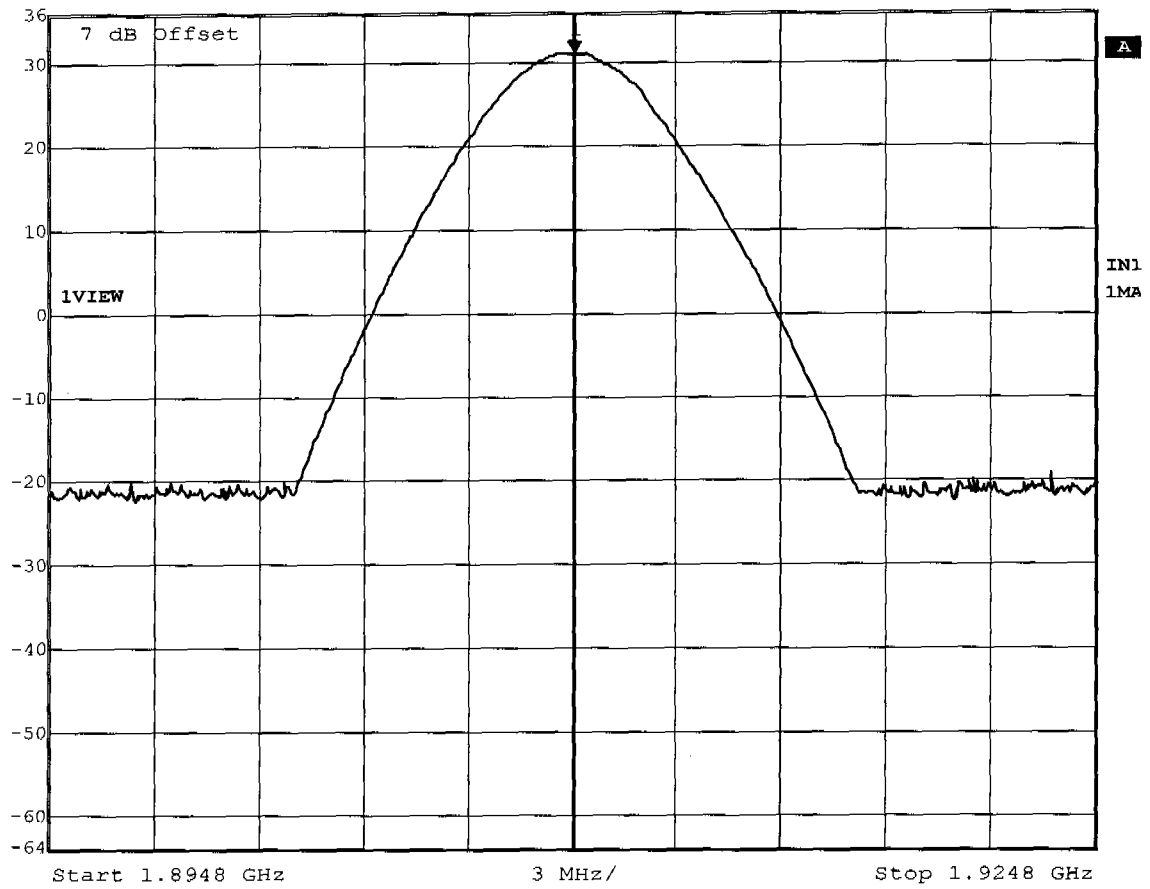
Marker 1 [T1]	REW	3 MHz	RF Att	50 dB
Ref Lvl	31.76 dBm	VBW	3 MHz	
36 dBm	1.88009018 GHz	SWT	5 ms	Unit dBm



Title: Output Power Conducted Channel: 661
Comment A: MC3000NA
Date: 30.DEC.2003 12:39:41



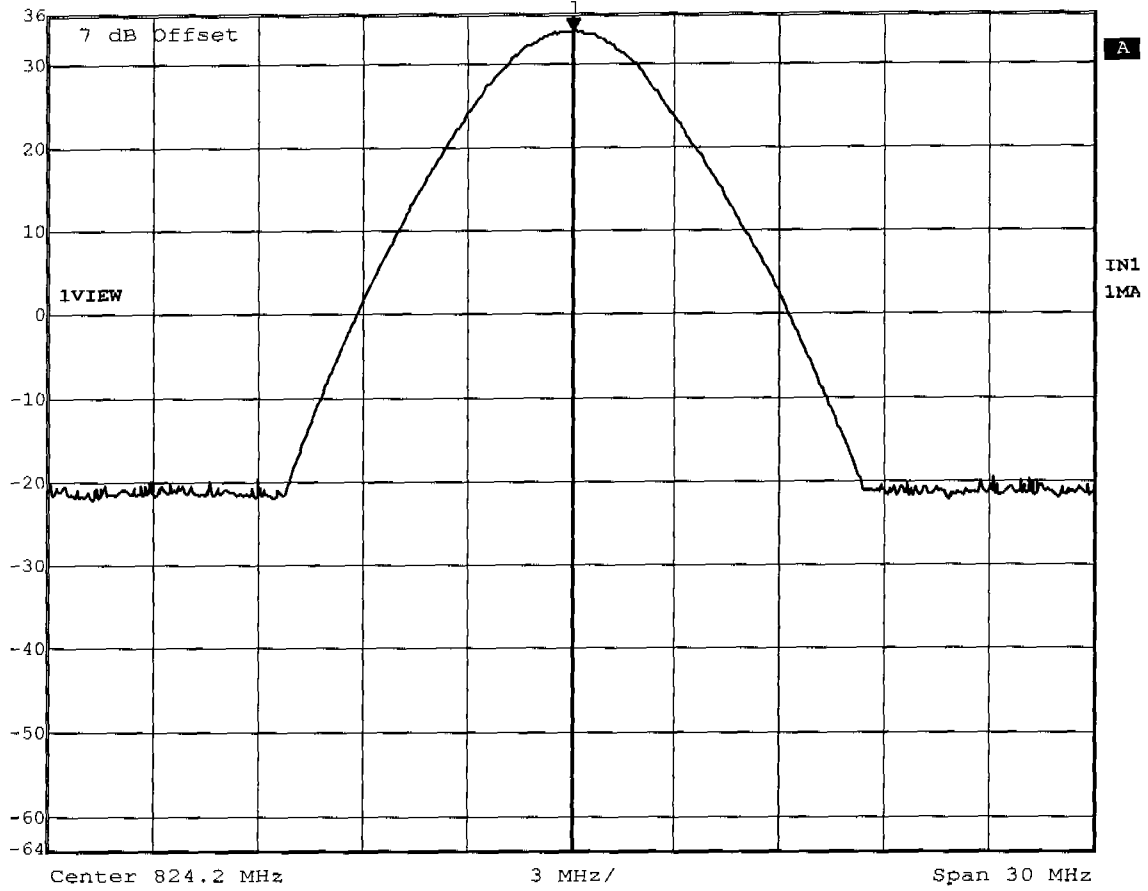
Marker 1 [T1]	REBW	3 MHz	RF Att	50 dB
Ref Lvl	31.01 dBm	VBW	3 MHz	
36 dBm	1.90989018 GHz	SWT	5 ms	Unit dBm



Title: Output Power Conducted Channel: 810
Comment A: MC3000NA
Date: 30.DEC.2003 12:40:37



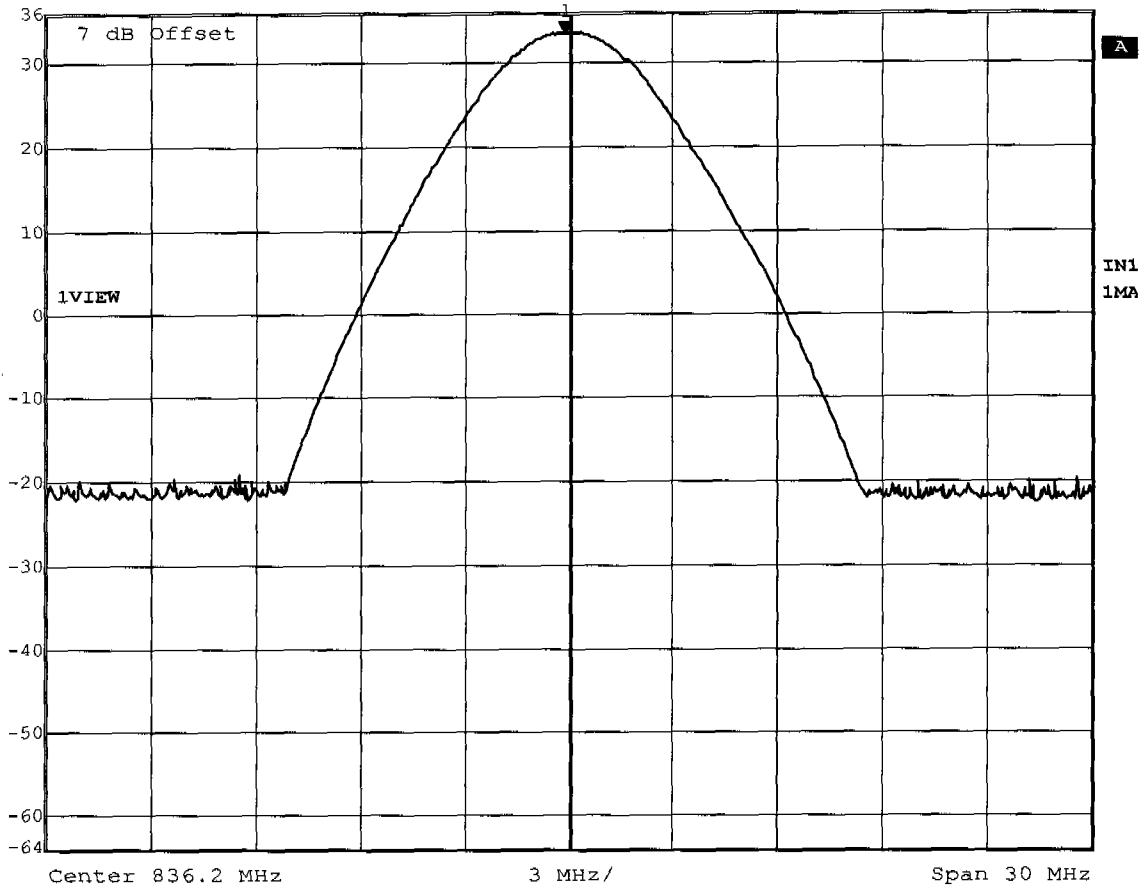
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 33.76 dBm VBW 3 MHz
36 dBm 824.29018036 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 128
Comment A: MC3000NA
Date: 30.DEC.2003 08:58:43



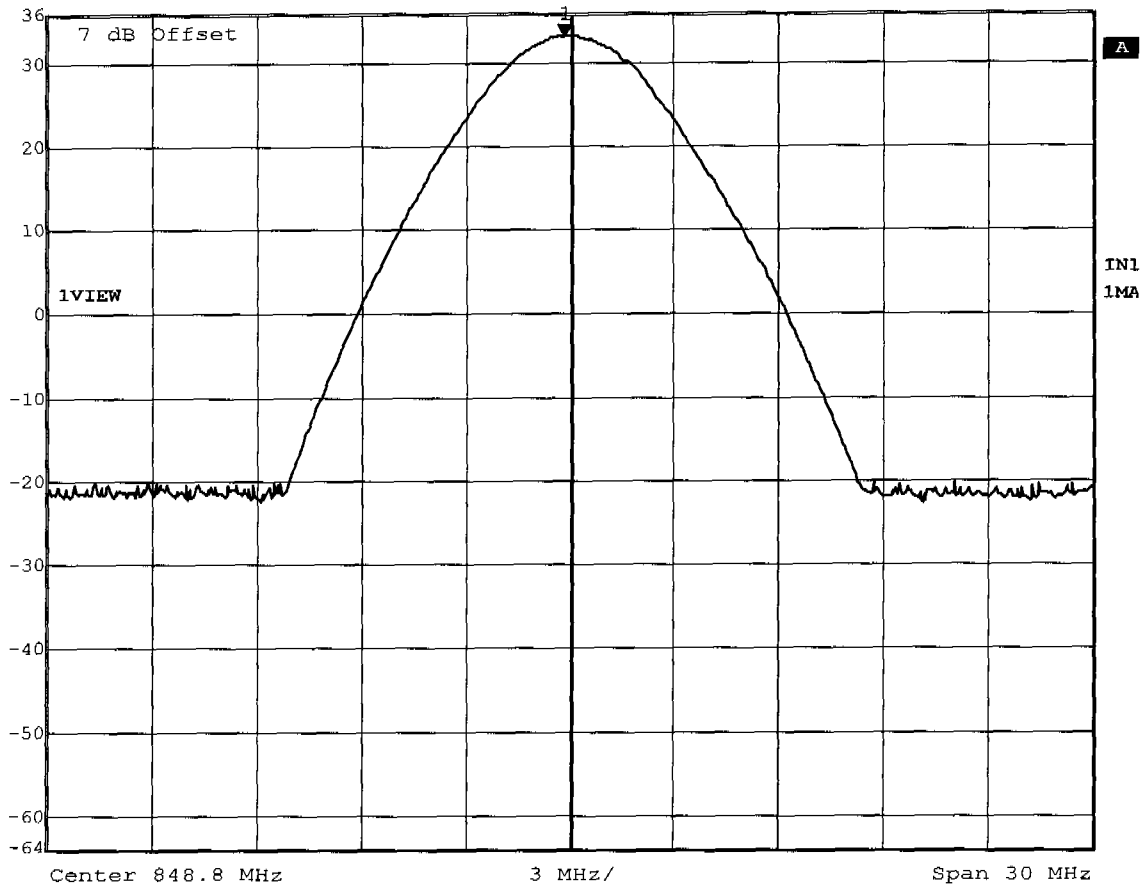
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 33.49 dBm VBW 3 MHz
36 dBm 836.10981964 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 188
Comment A: MC3000NA
Date: 30.DEC.2003 08:57:19



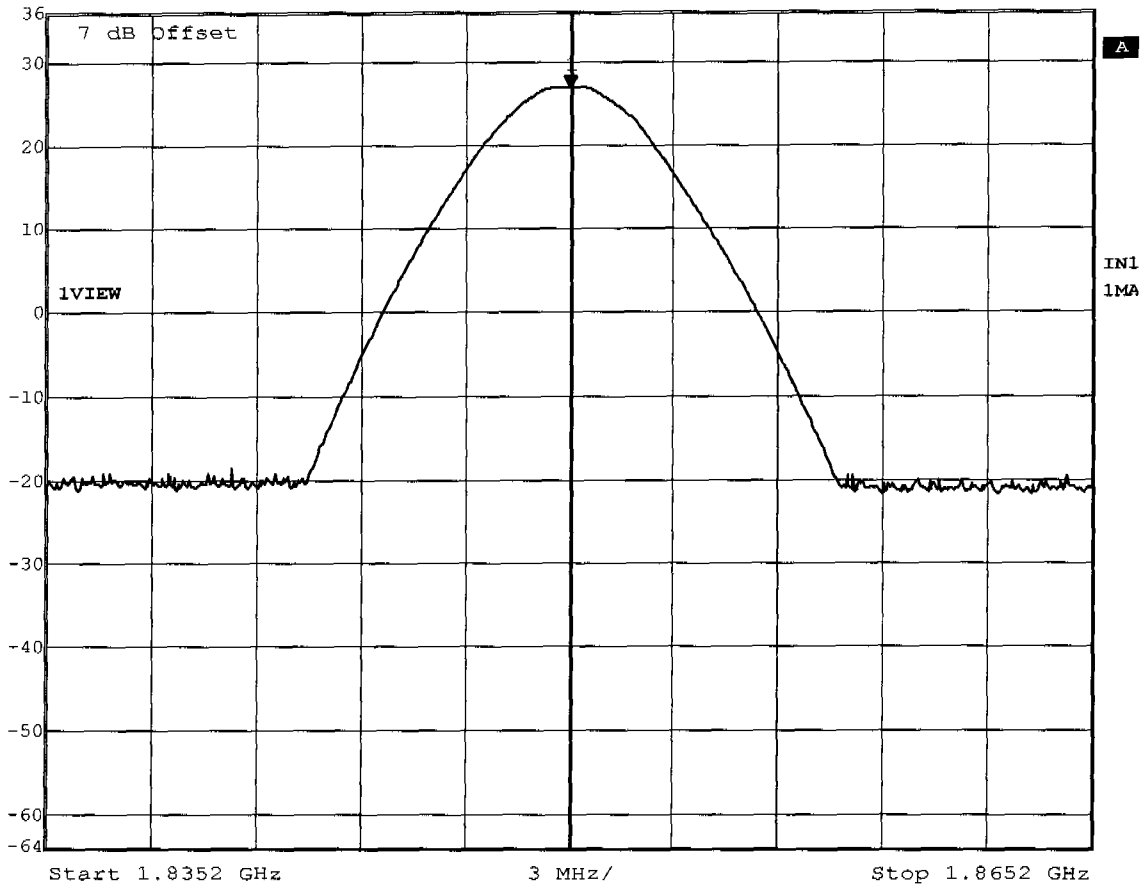
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 33.16 dBm VBW 3 MHz
36 dBm 848.64969940 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 251
Comment A: MC3000NA
Date: 30.DEC.2003 08:56:17



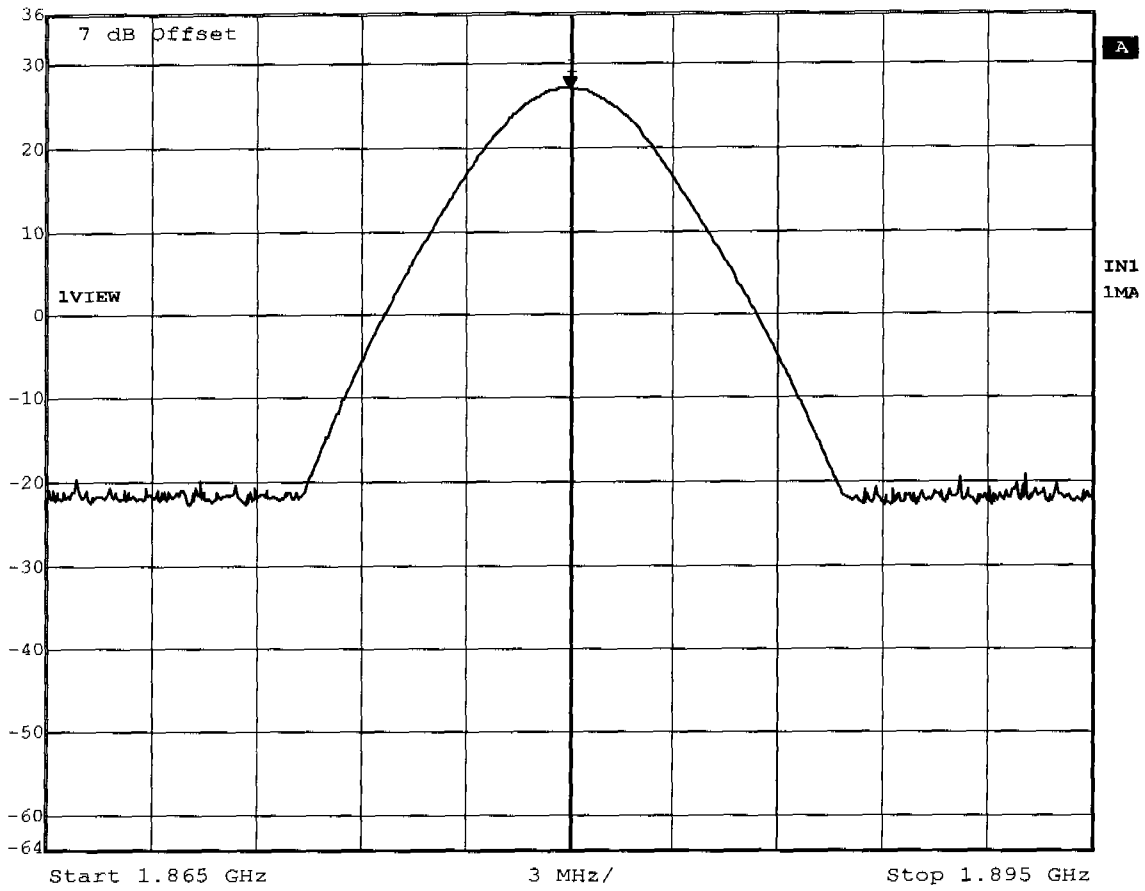
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 26.97 dBm VBW 3 MHz
36 dBm 1.85023006 GHz SWT 5 ms Unit dBm



Title: Input Power Conducted Channel: 512
Comment A: siemens cingular
Date: 30.DEC.2003 11:30:42



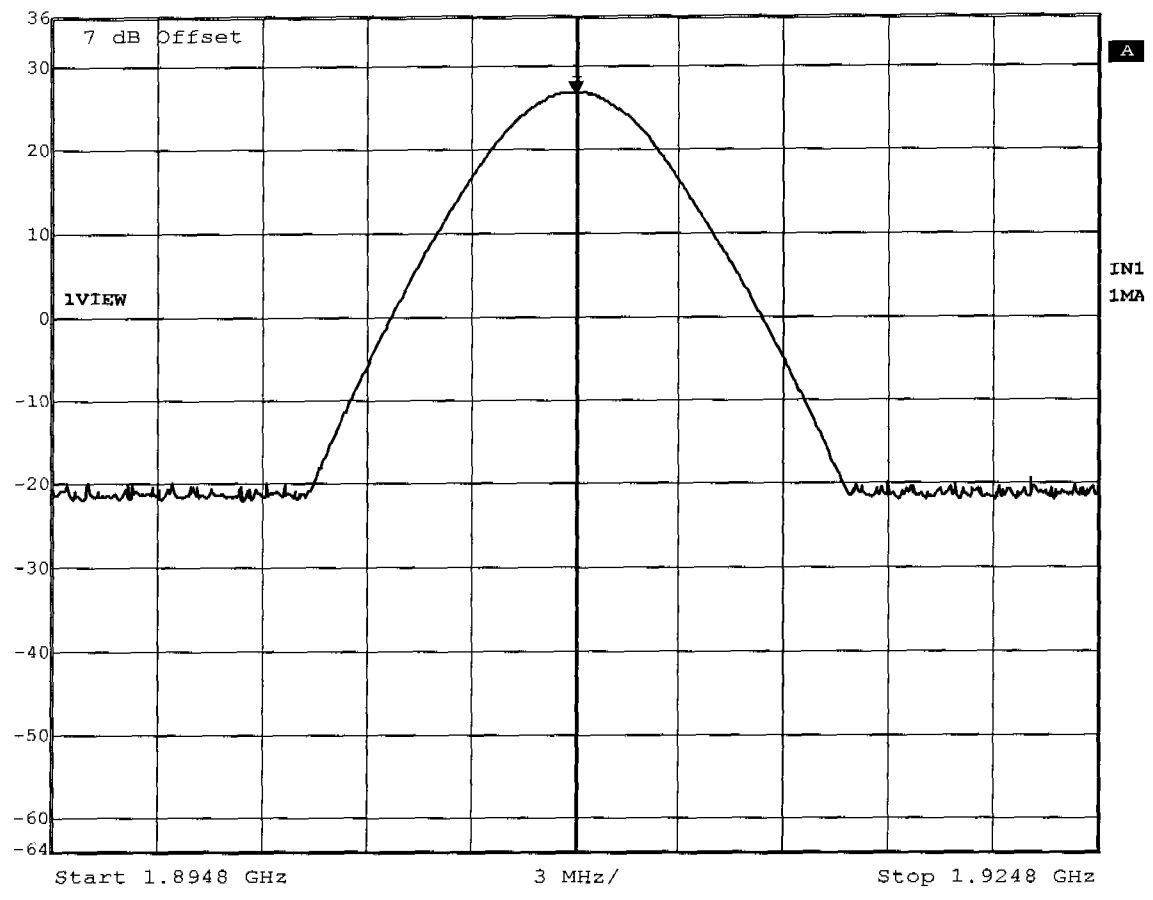
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 26.77 dBm VBW 3 MHz
36 dBm 1.88003006 GHz SWT 5 ms Unit dBm



Title: Input Power Conducted Channel: 661
Comment A: siemens cingular
Date: 30.DEC.2003 11:29:21



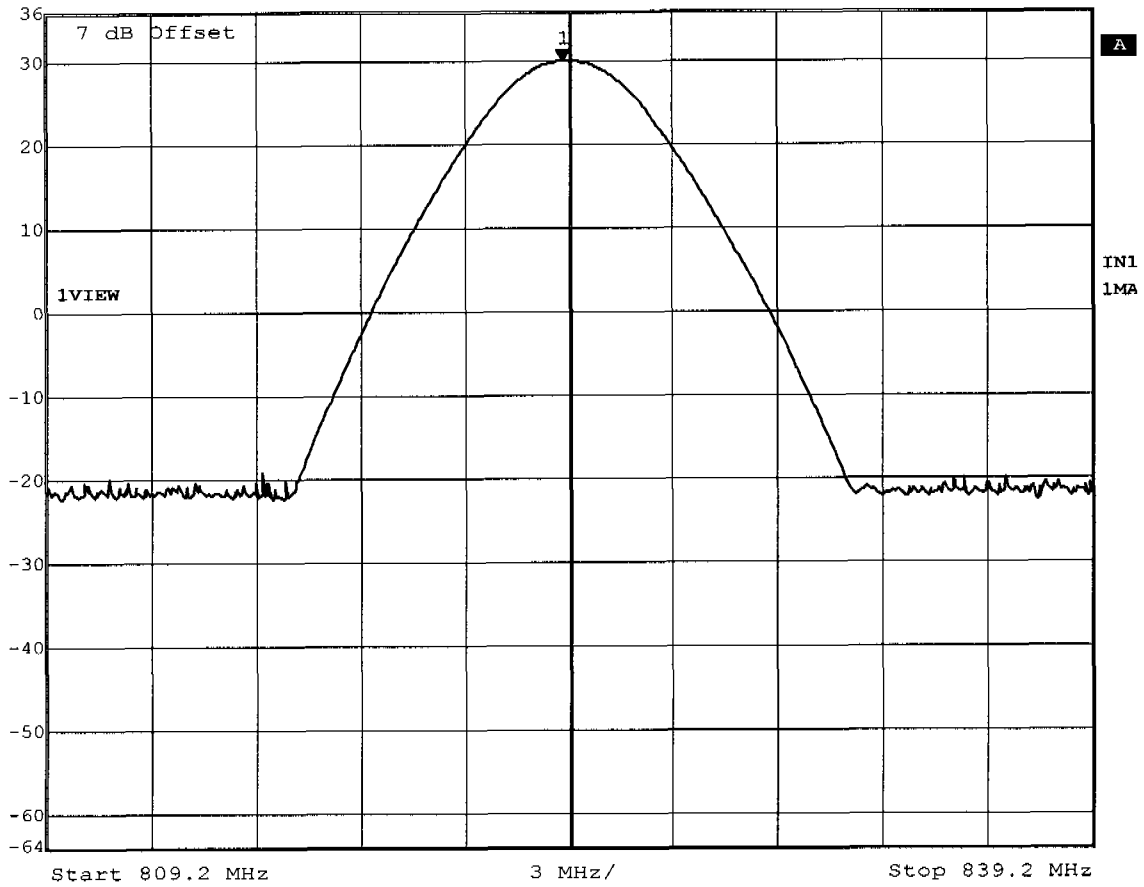
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 26.62 dBm VBW 3 MHz
36 dBm 1.90983006 GHz SWT 5 ms Unit dBm



Title: Input Power Conducted Channel: 810
Comment A: siemens cingular
Date: 30.DEC.2003 11:26:39



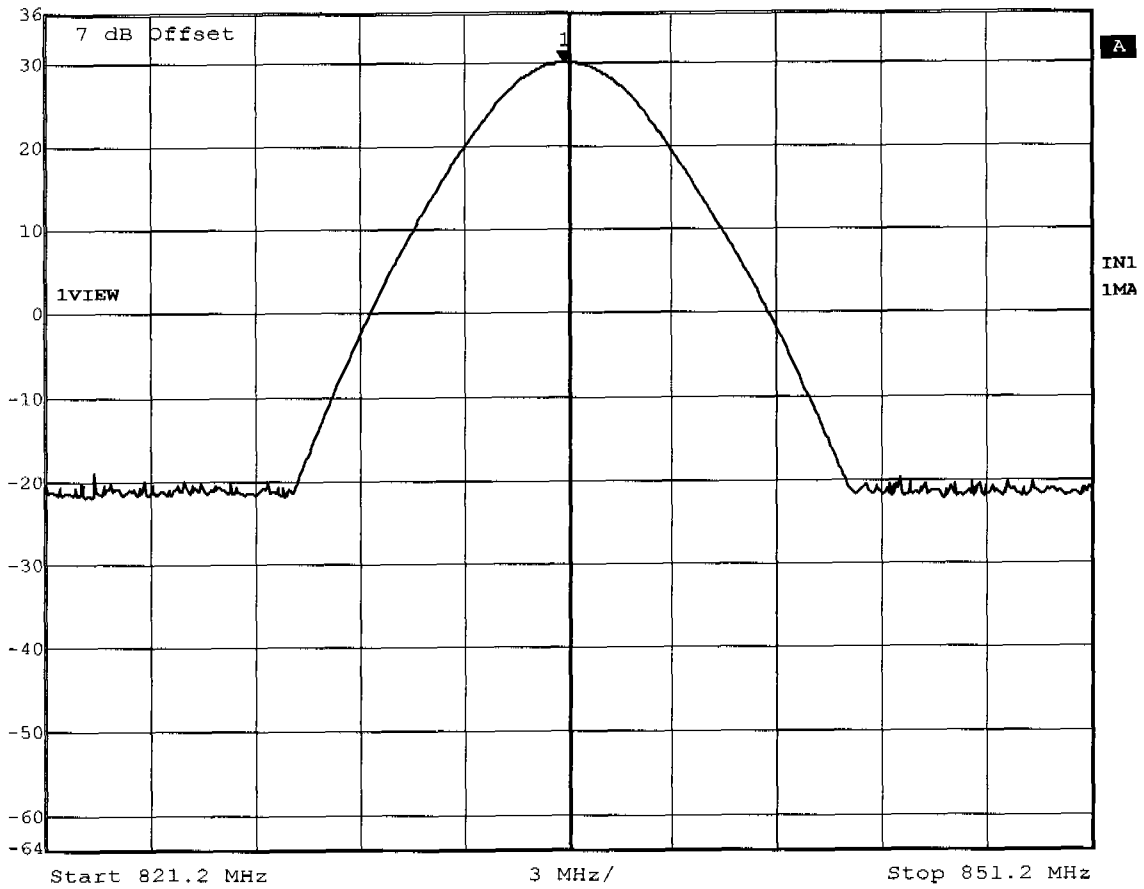
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 29.88 dBm VBW 3 MHz
36 dBm 824.04969940 MHz SWT 5 ms Unit dBm



Title: Input Power Conducted Channel: 128
Comment A: siemens cingular
Date: 30.DEC.2003 10:23:18



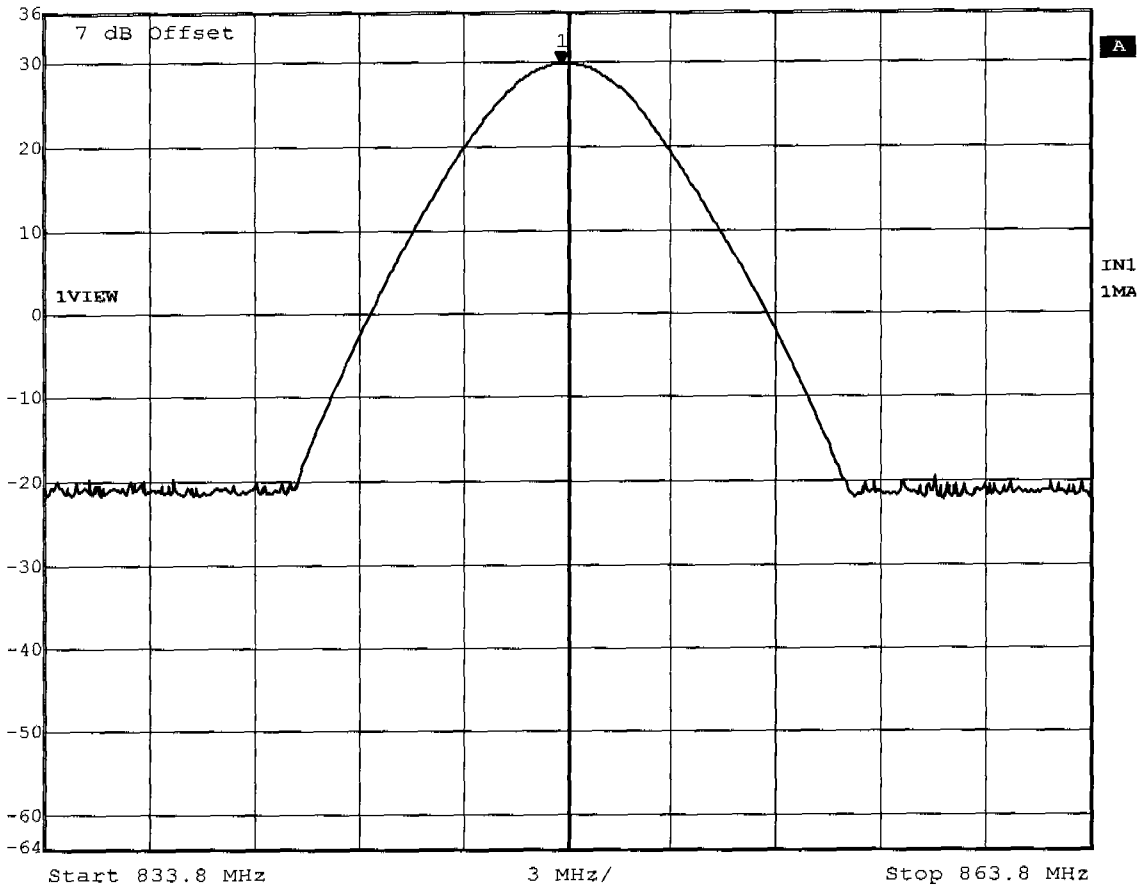
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 29.88 dBm VBW 3 MHz
36 dBm 836.10981964 MHz SWT 5 ms Unit dBm



Title: Input Power Conducted Channel: 188
Comment A: siemens cingular
Date: 30.DEC.2003 10:21:58



Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
36 dBm	29.60 dBm	VBW	3 MHz		
	848.64969940 MHz	SWT	5 ms	Unit	dBm



Title: Input Power Conducted Channel: 251
Comment A: siemens cingular
Date: 30.DEC.2003 10:20:20

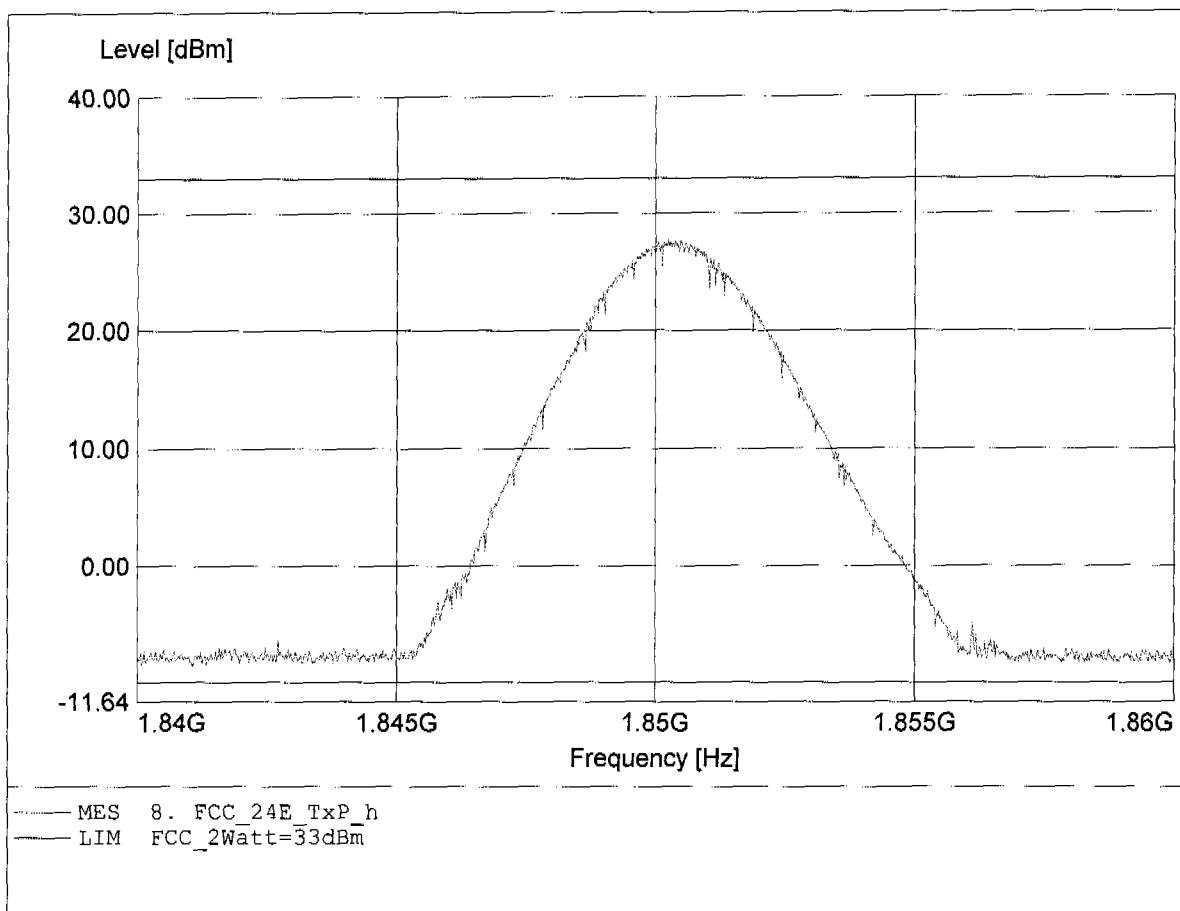


Appendix C

ERP, EIRP

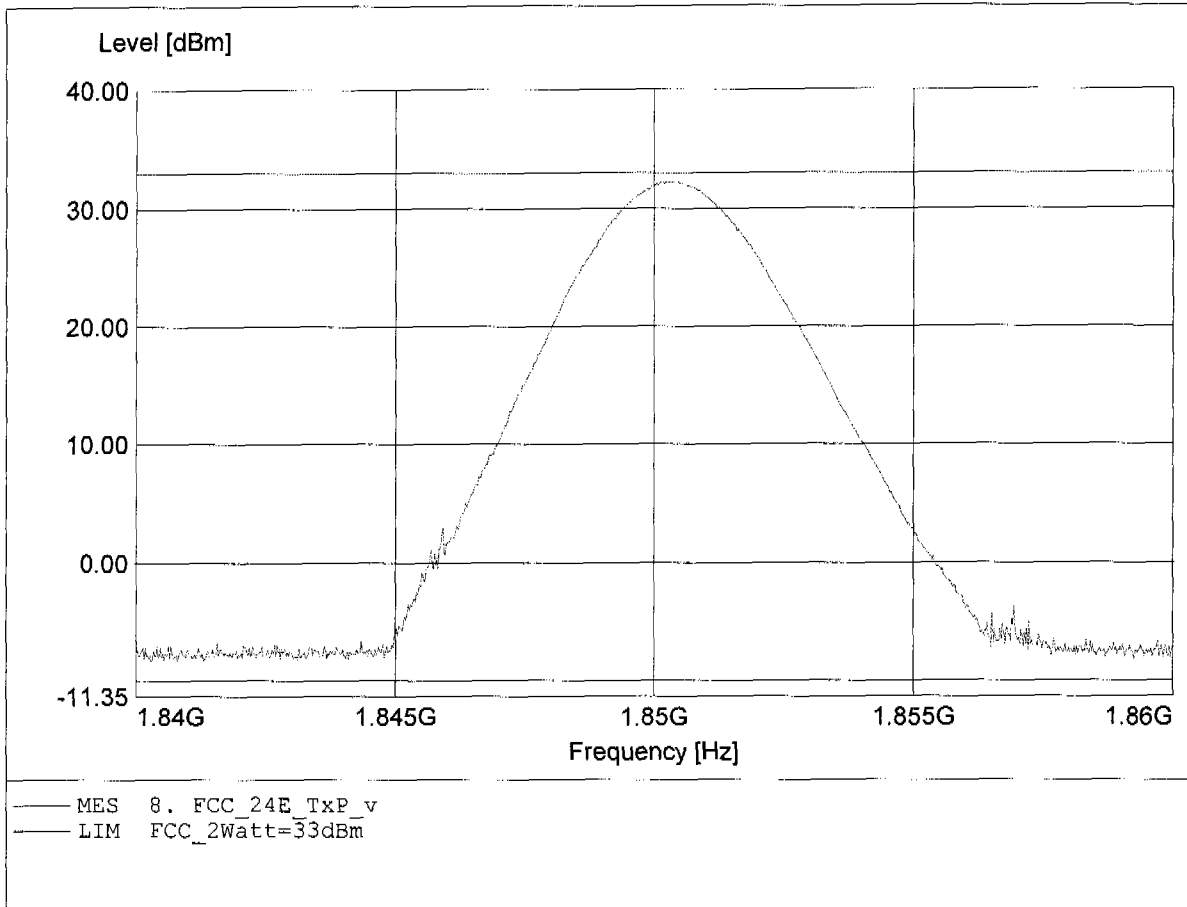
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 27.65dBm, RBW: 3MHz



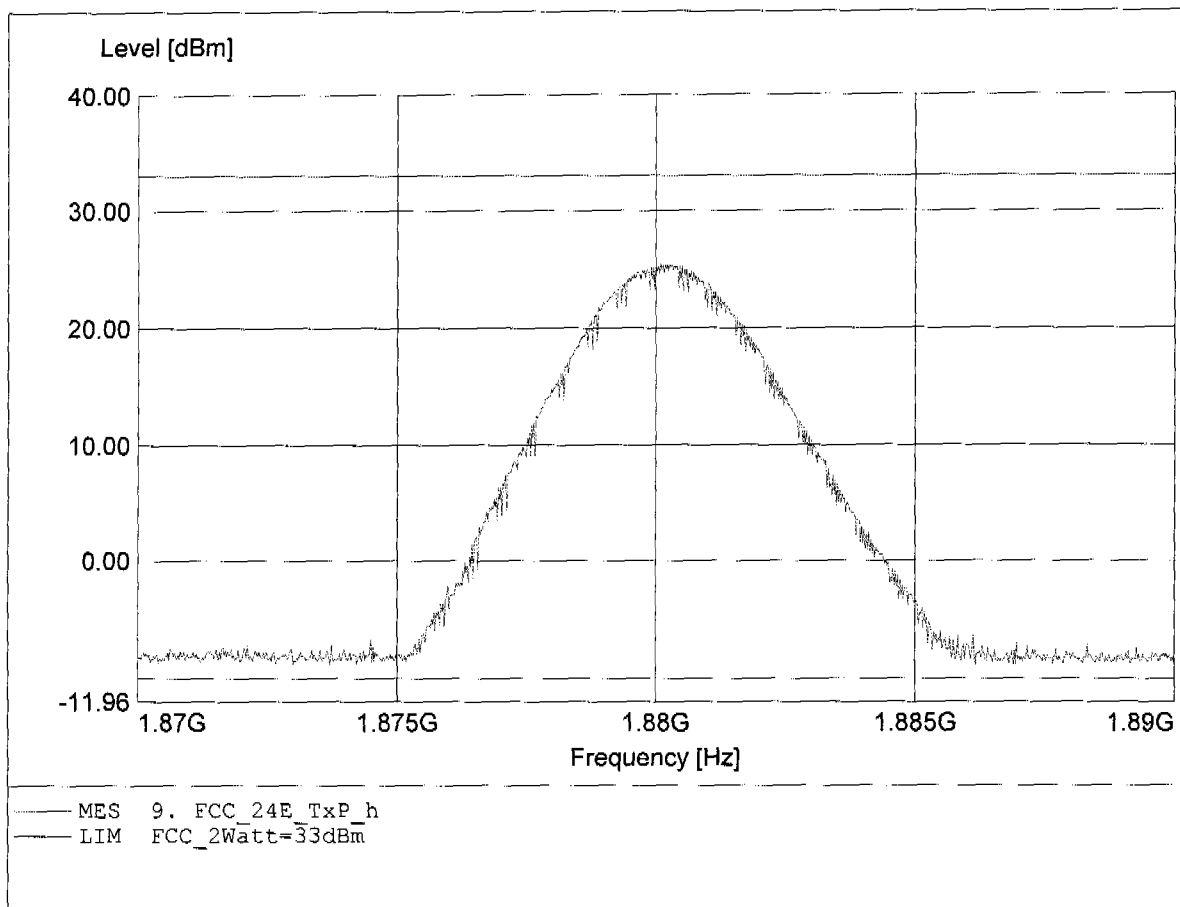
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 32.28dBm, RBW: 3MHz



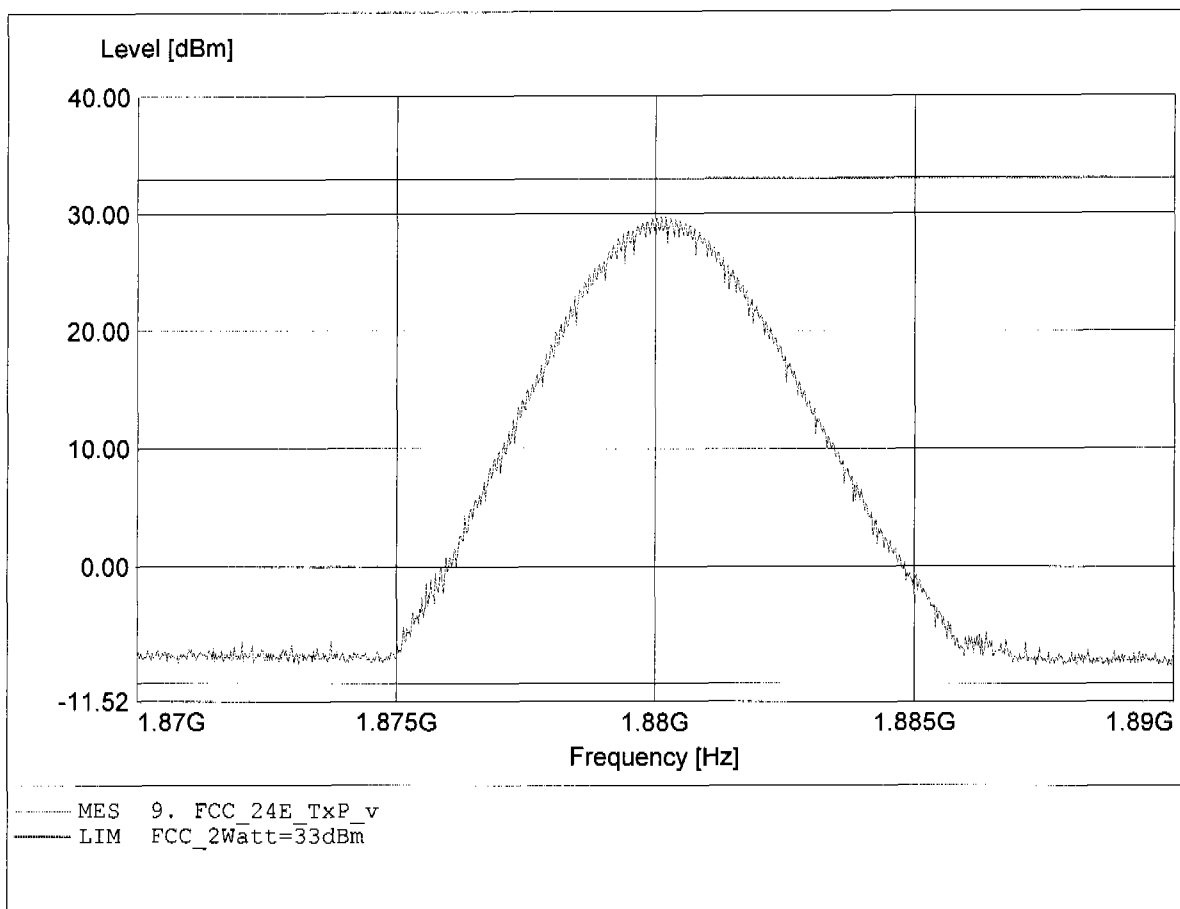
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 25.44dBm, RBW: 3MHz



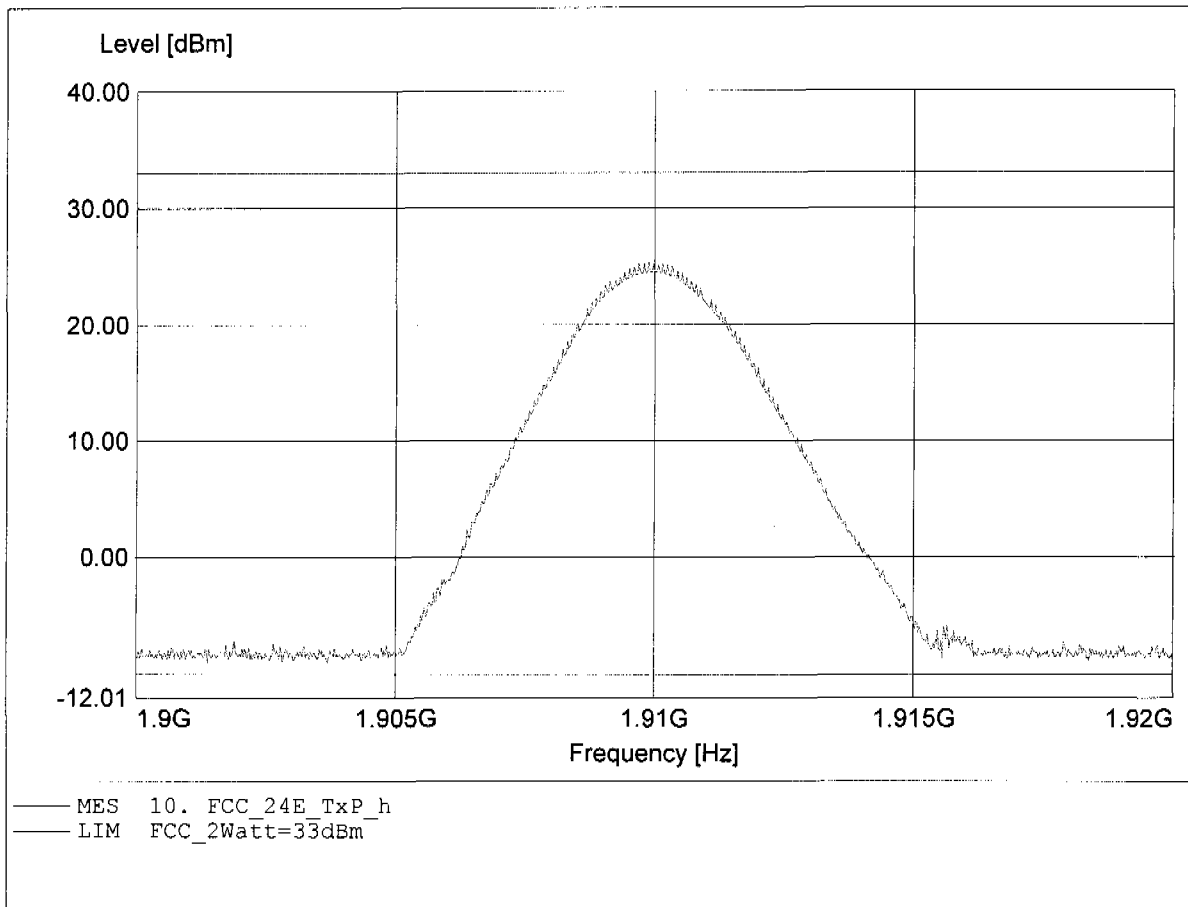
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 29.73dBm, RBW: 3MHz



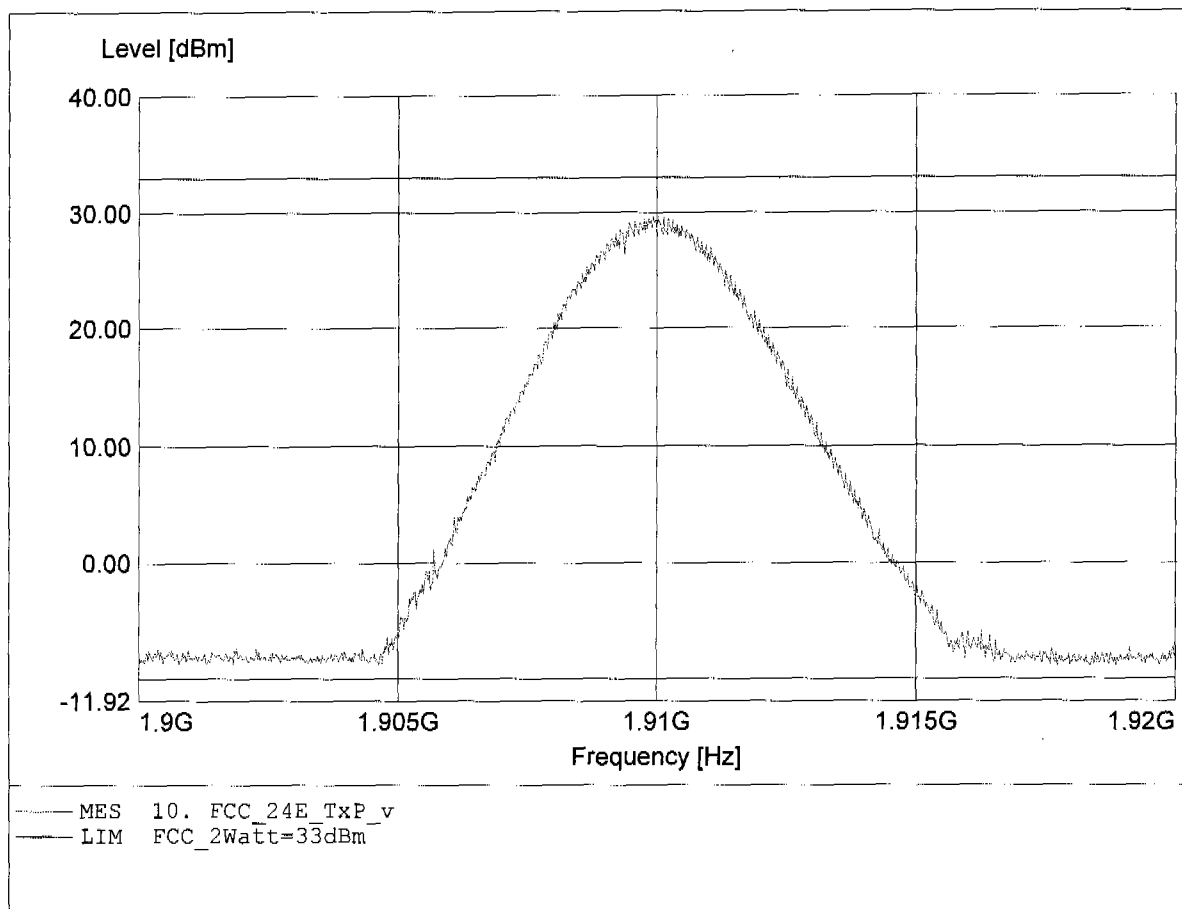
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 25.40dBm, RBW: 3MHz



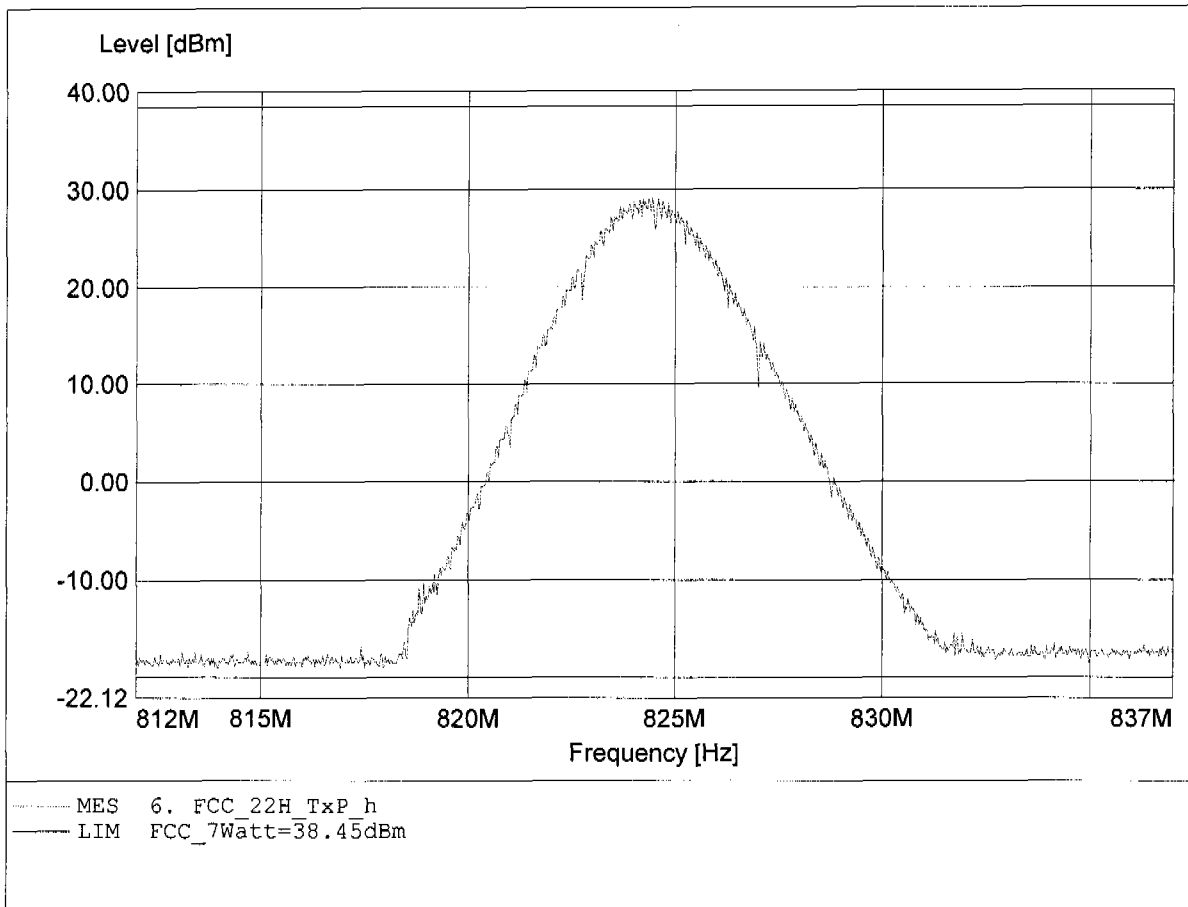
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 29.64dBm, RBW: 3MHz



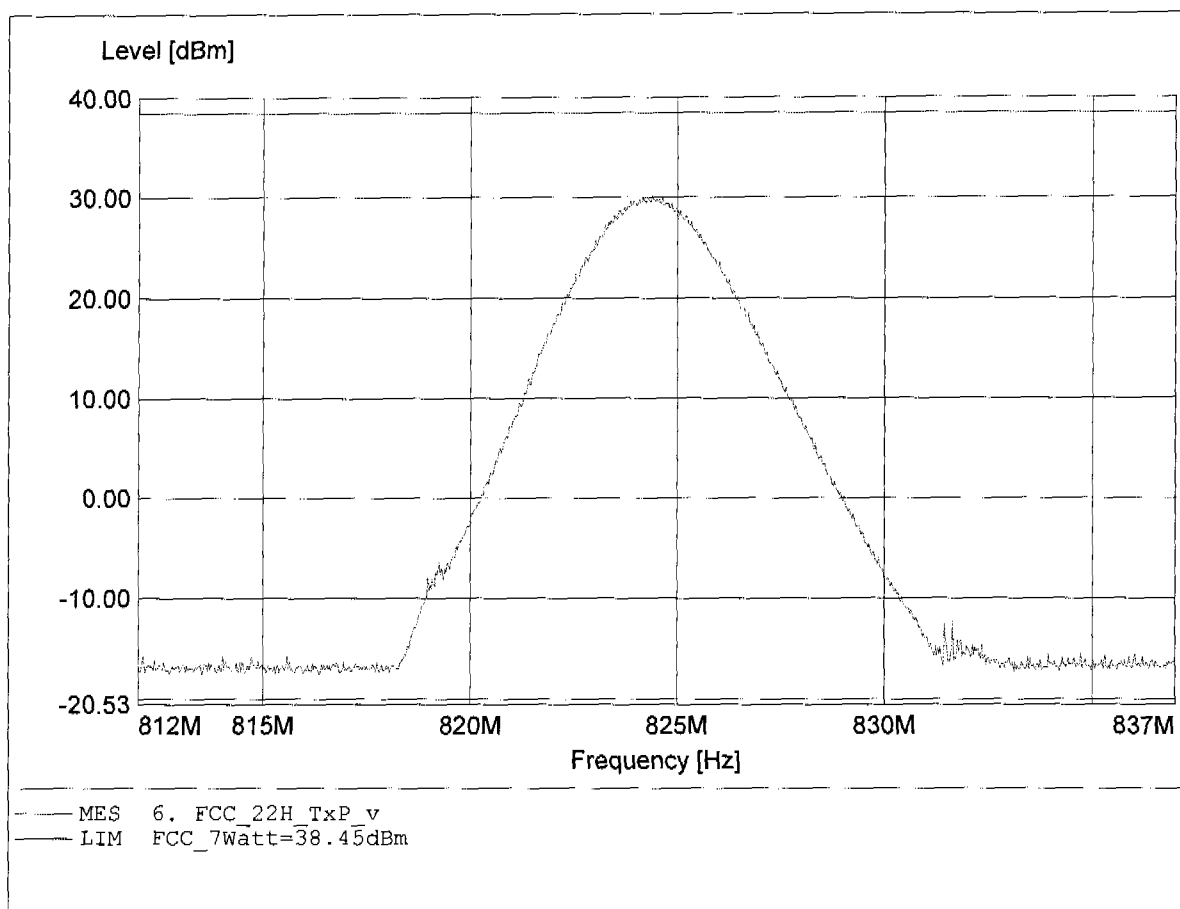
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.444MHz, Pmax: 29.11dBm, RBW: 3MHz



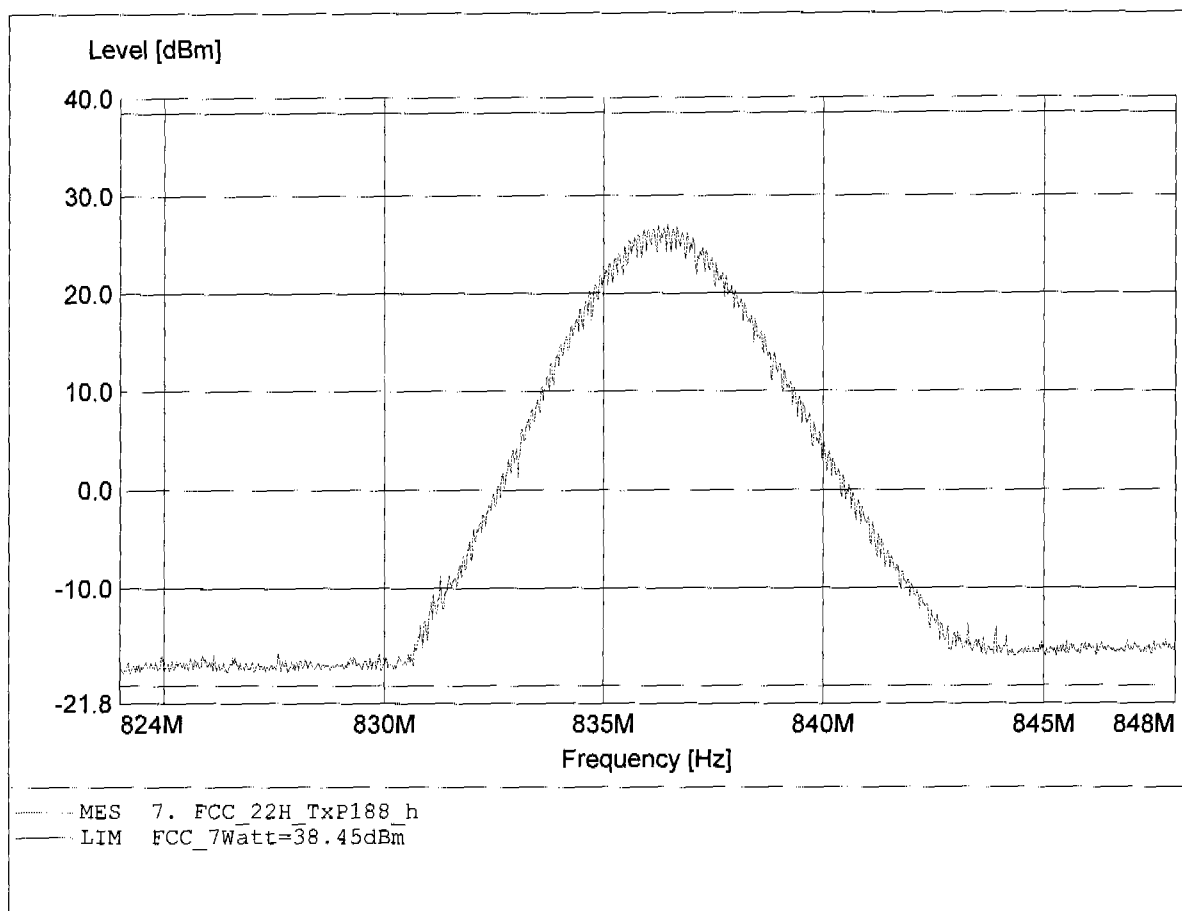
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.389MHz, Pmax: 30.21dBm, RBW: 3MHz



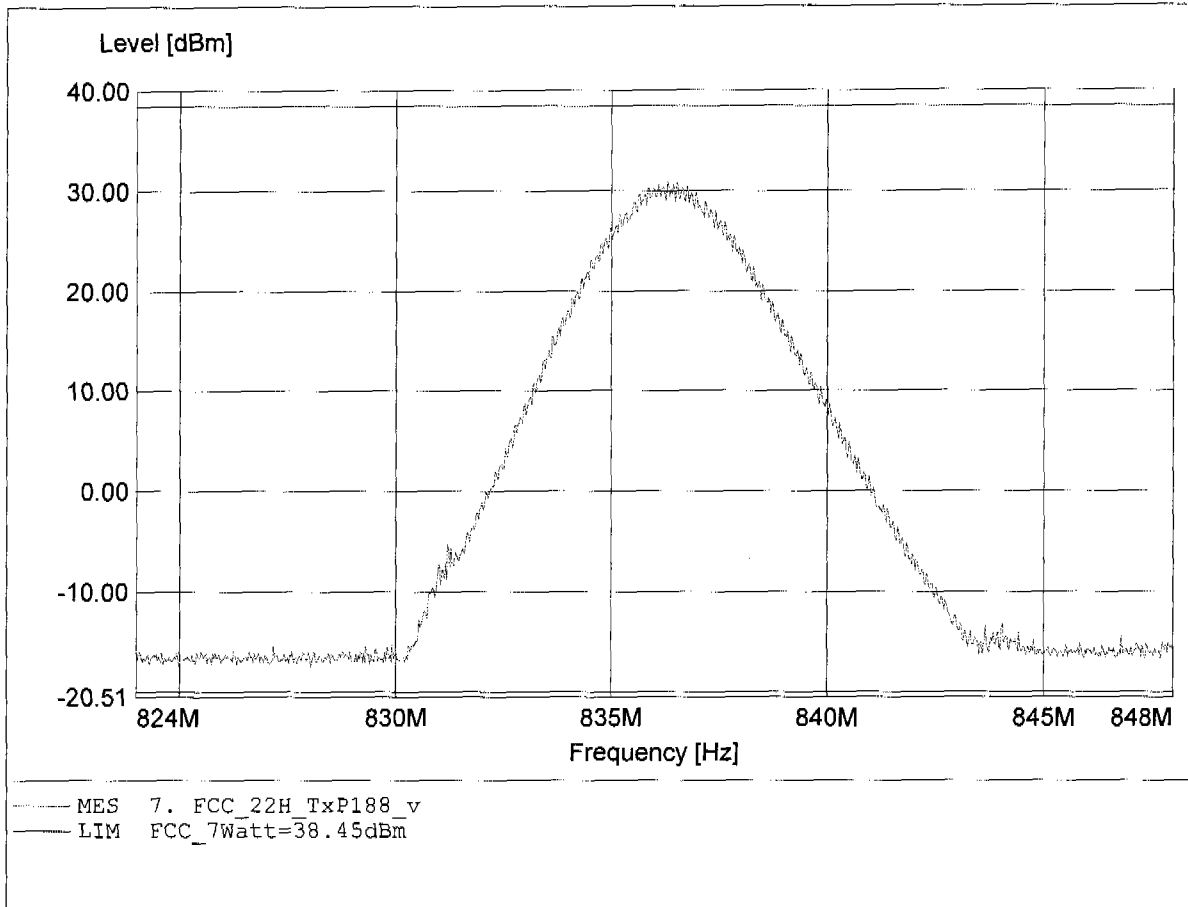
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.453MHz, Pmax: 27.06dBm, RBW: 3MHz



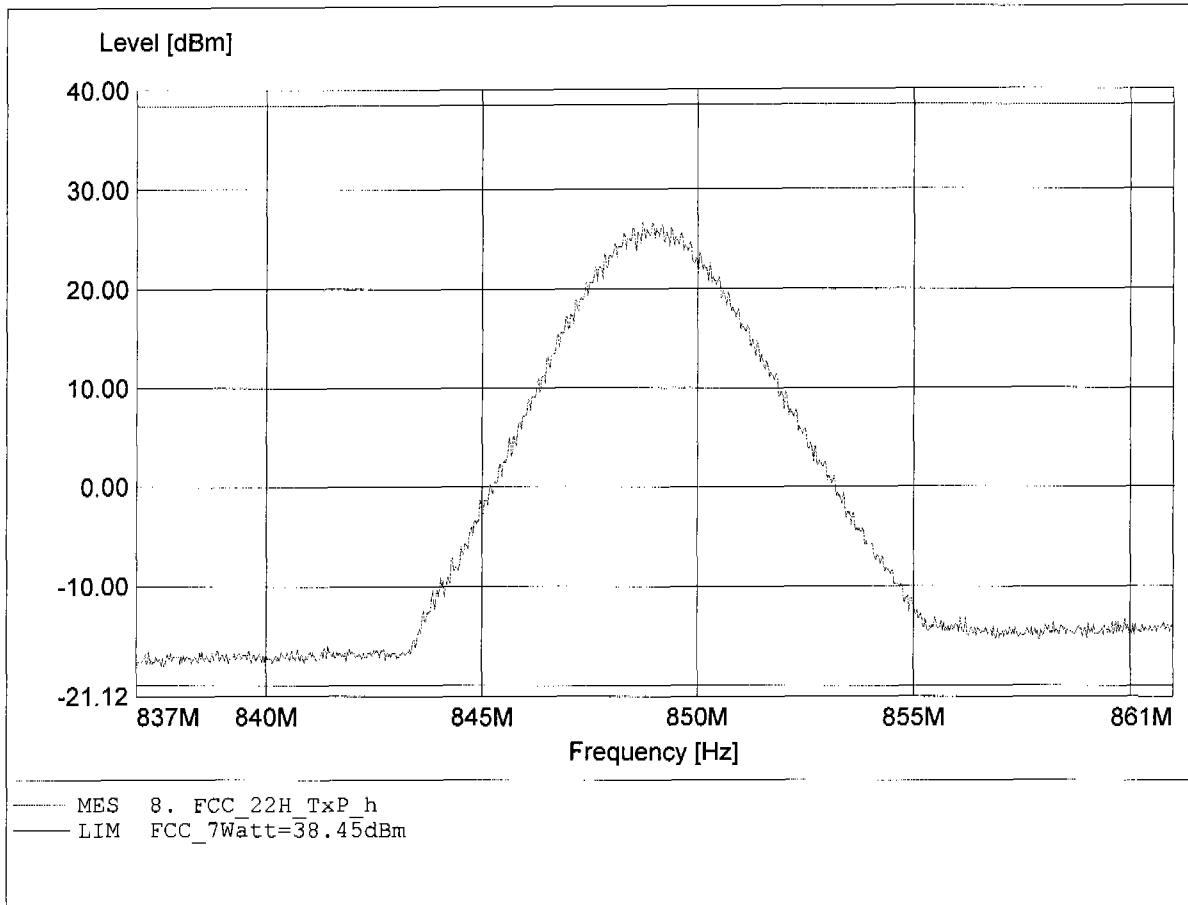
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.293MHz, Pmax: 30.99dBm, RBW: 3MHz



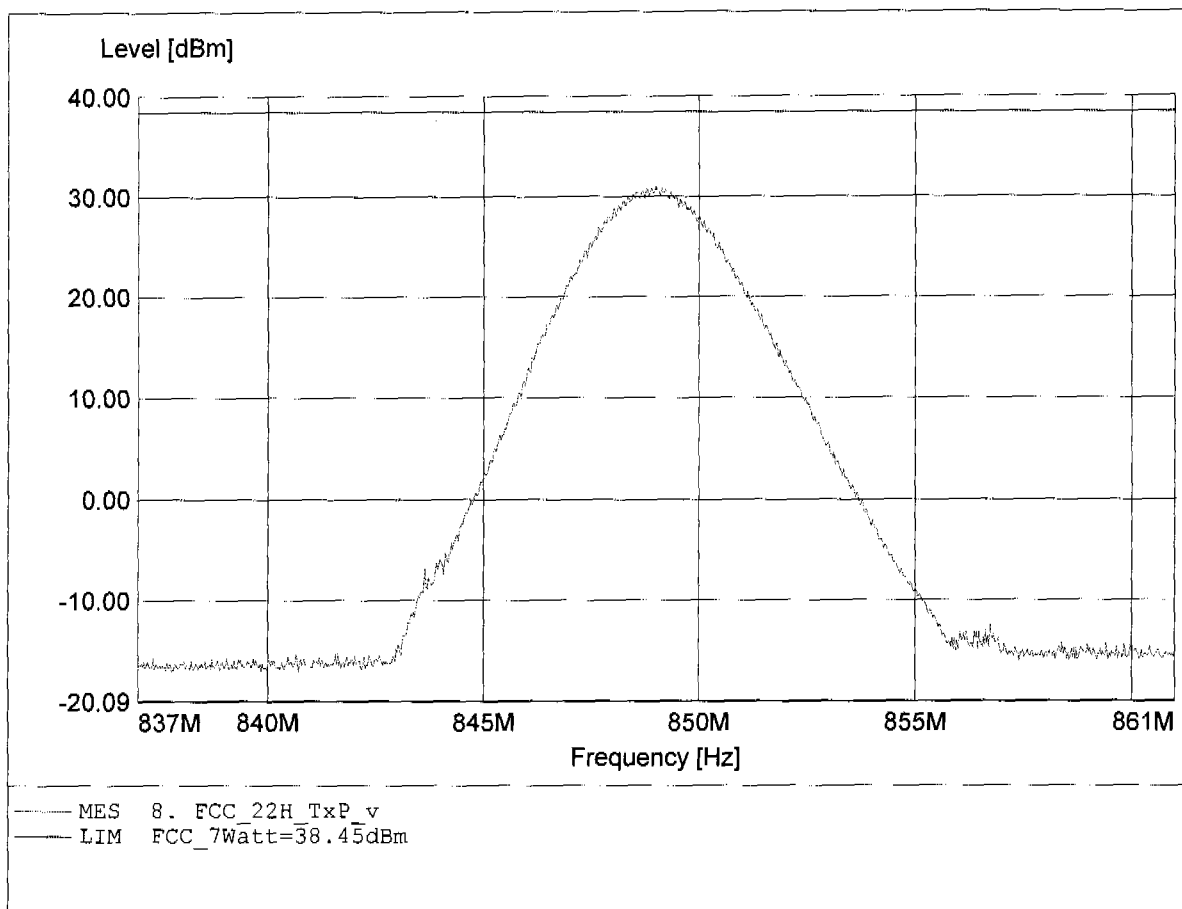
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.707MHz, Pmax: 26.72dBm, RBW: 3MHz



**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 849.000MHz, Pmax: 30.96dBm, RBW: 3MHz





Appendix D

Modulation Requirements



Appendix E

Audio Filter Characteristics



Appendix F

Emission Limitation

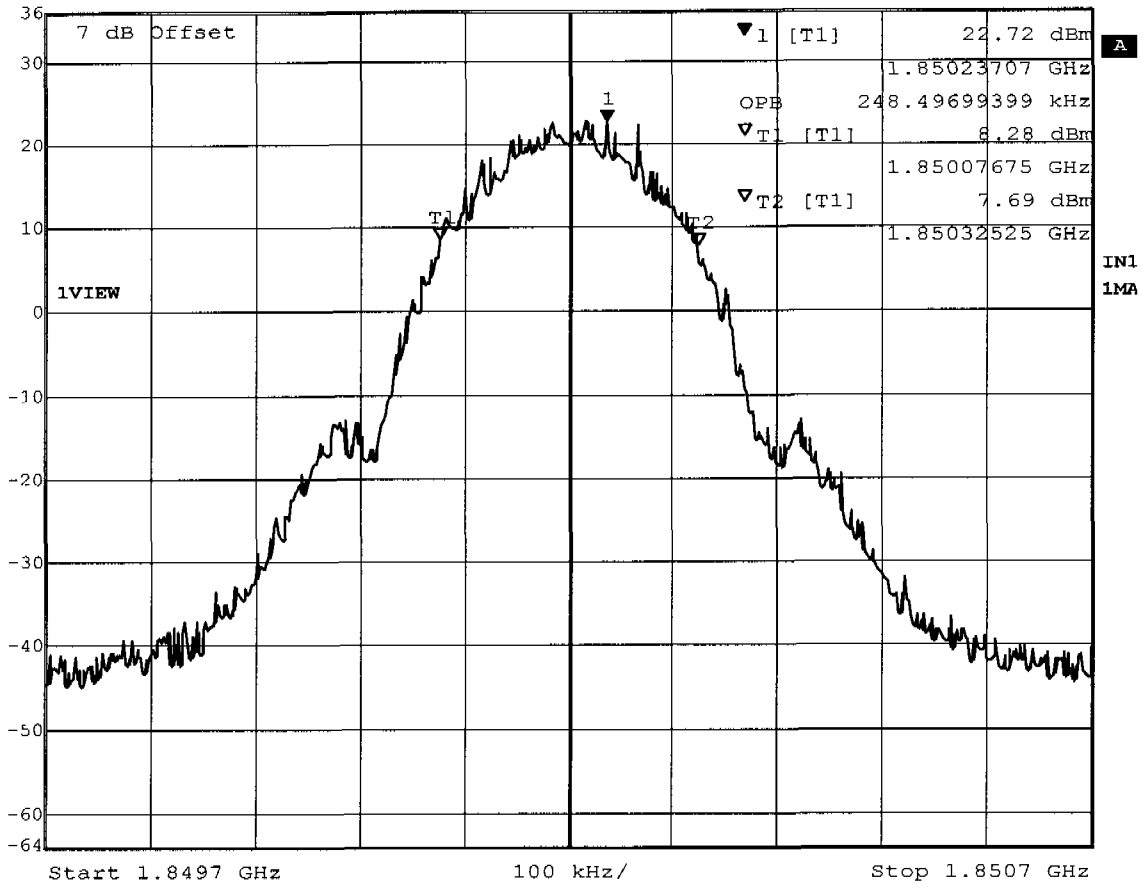


Appendix G

Occupied Bandwidth



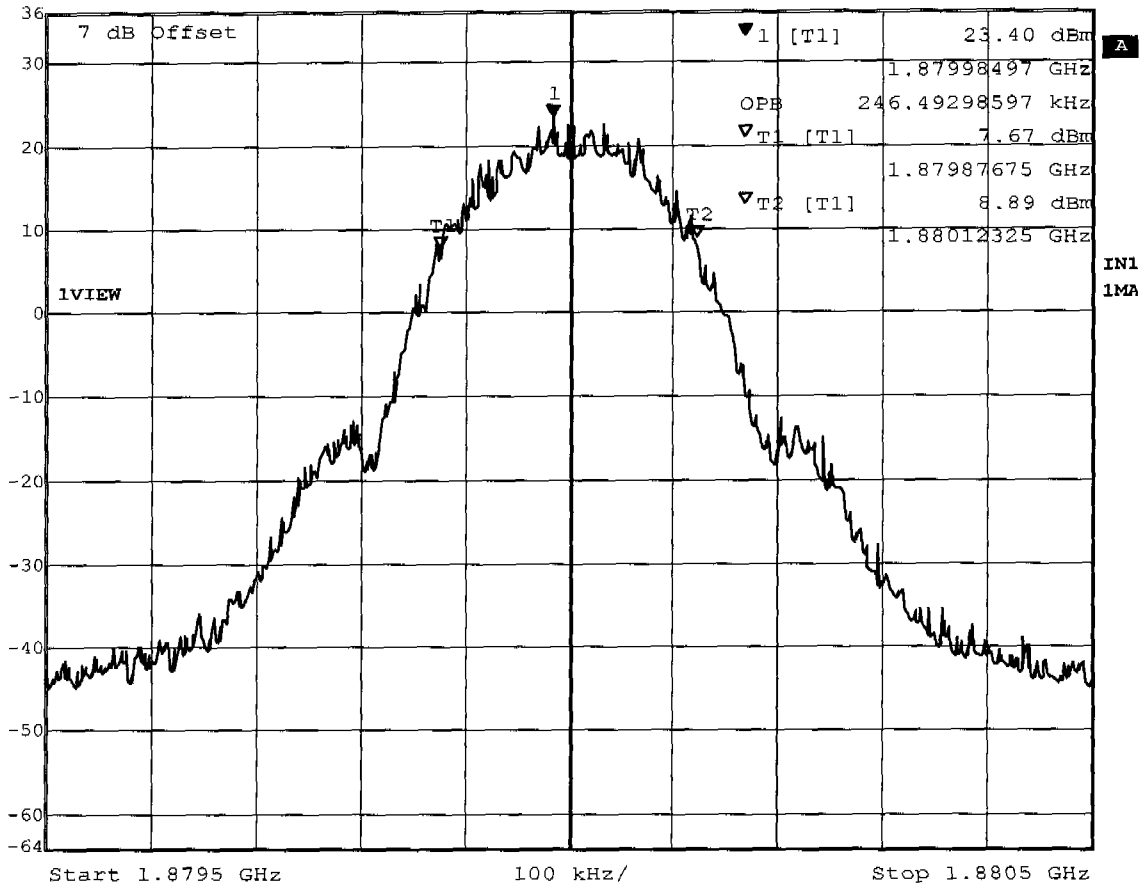
Marker 1 [T1] REW 3 kHz RF Att 50 dB
Ref Lvl 22.72 dBm VBW 3 kHz
36 dBm 1.85023707 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 512
Comment A: MC3000NA
Date: 30.DEC.2003 12:47:04



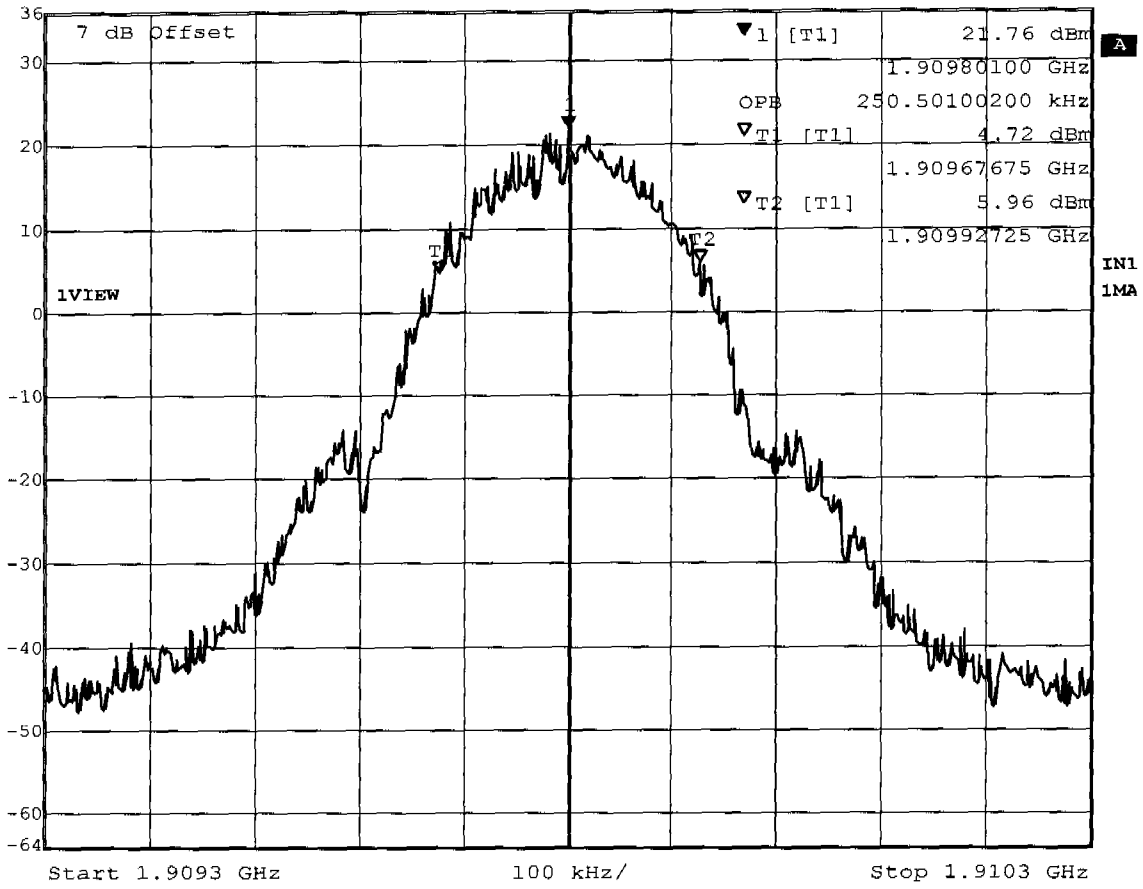
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 23.40 dBm VBW 3 kHz
36 dBm 1.87998497 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 661
Comment A: MC3000NA
Date: 30.DEC.2003 12:54:46



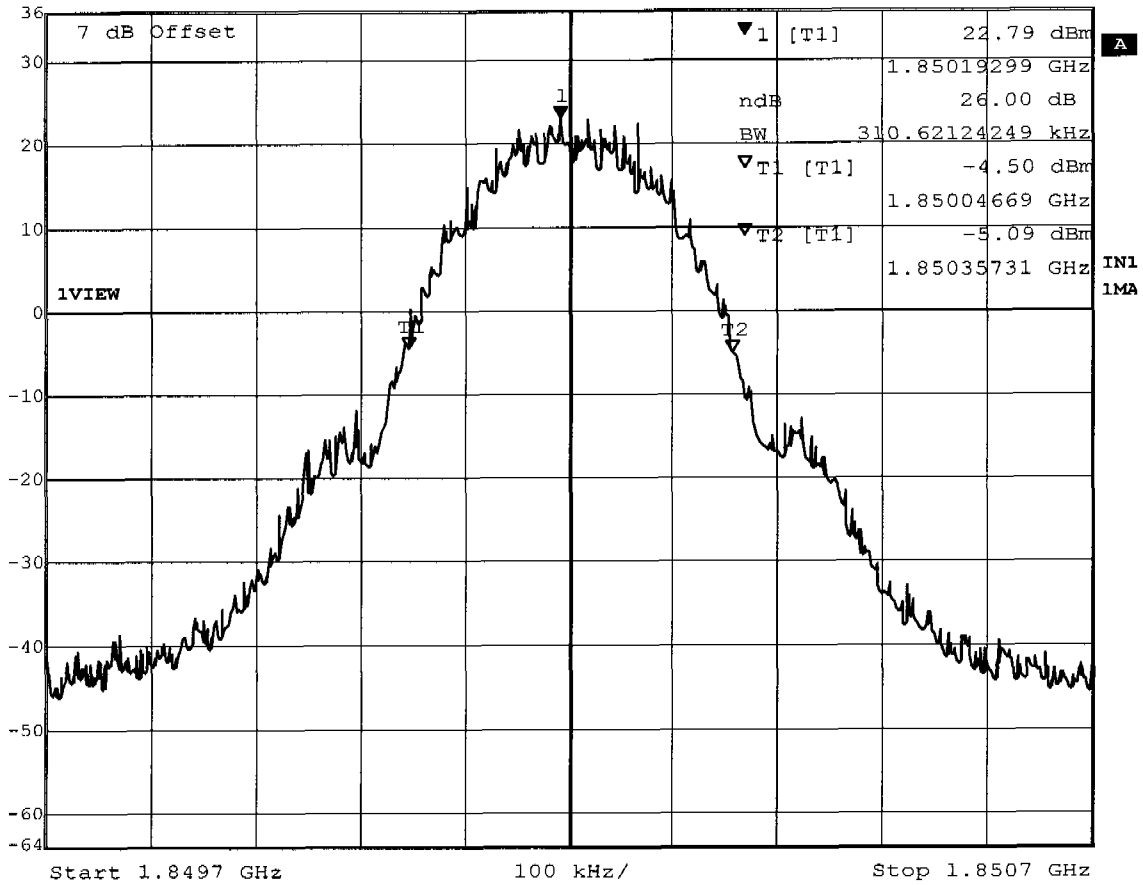
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 21.76 dBm VBW 3 kHz
36 dBm 1.90980100 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 810
Comment A: MC3000NA
Date: 30.DEC.2003 13:00:06



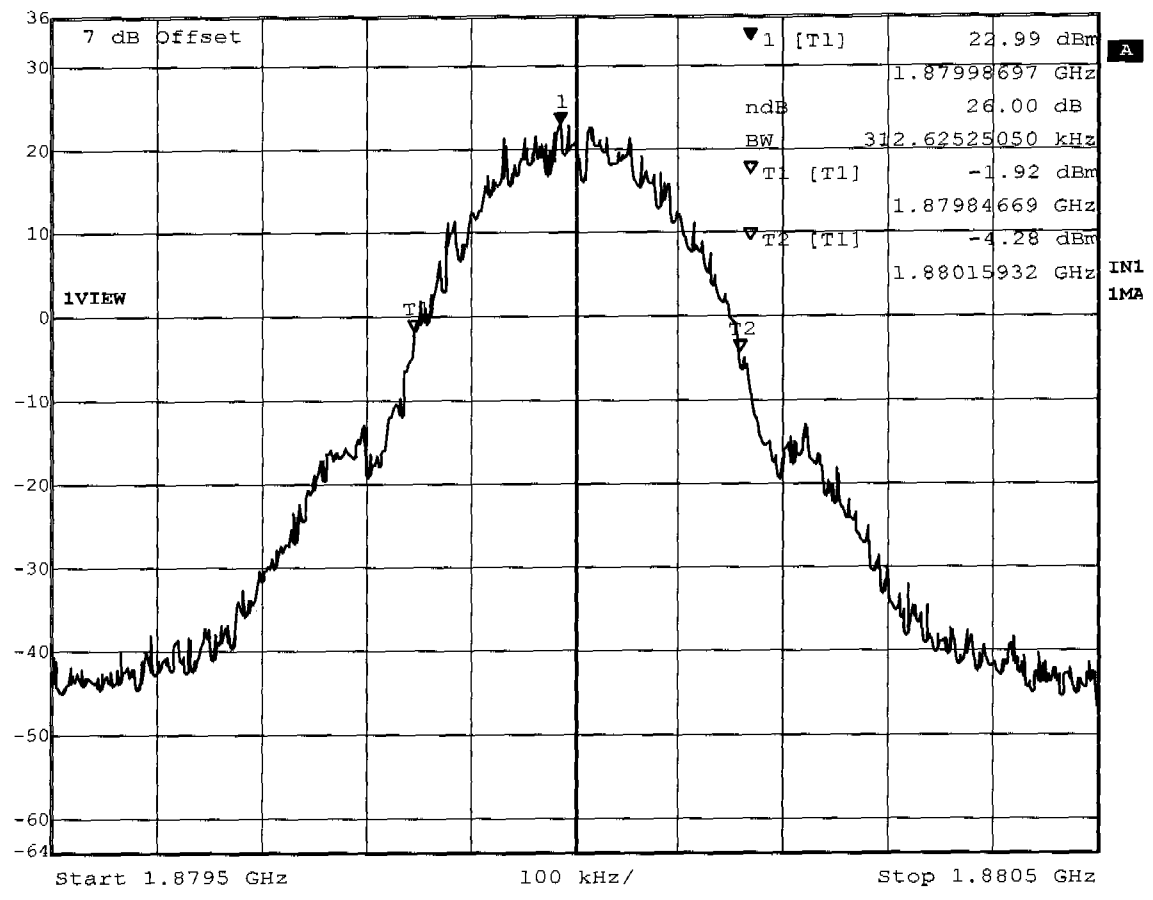
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 310.62124249 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 512
Comment A: MC3000NA
Date: 30.DEC.2003 12:45:22



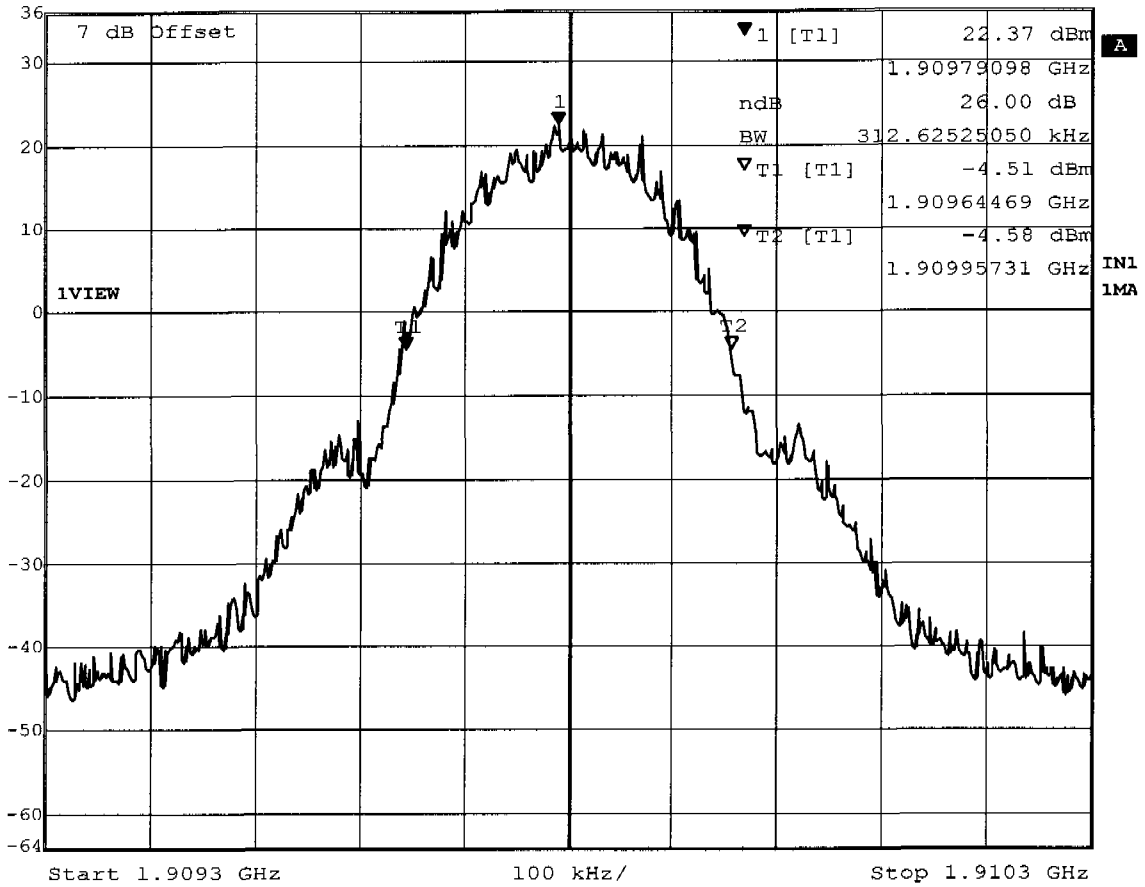
Marker 1 [T1 ndB] REW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 312.62525050 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 661
 Comment A: MC3000NA
 Date: 30.DEC.2003 12:56:13



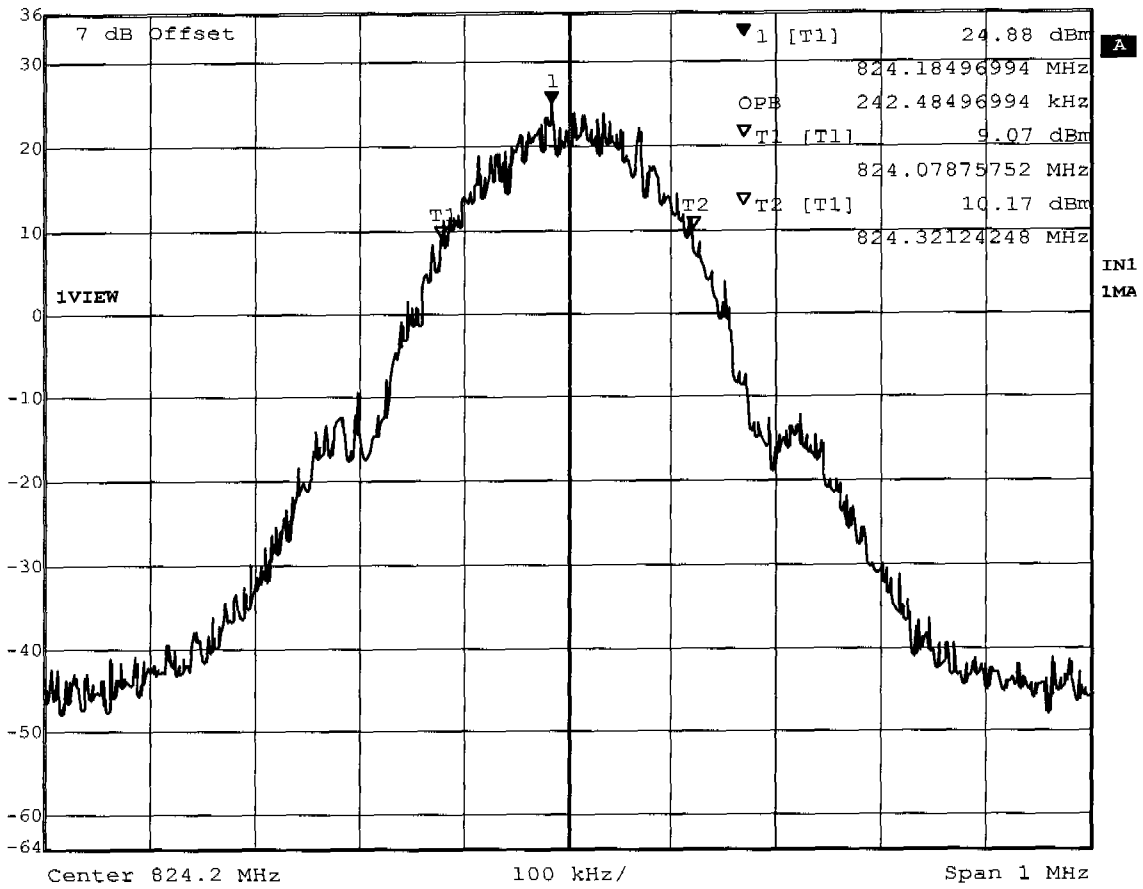
Marker 1 [T1 ndB] REW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 312.62525050 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 810
 Comment A: MC3000NA
 Date: 30.DEC.2003 12:58:51



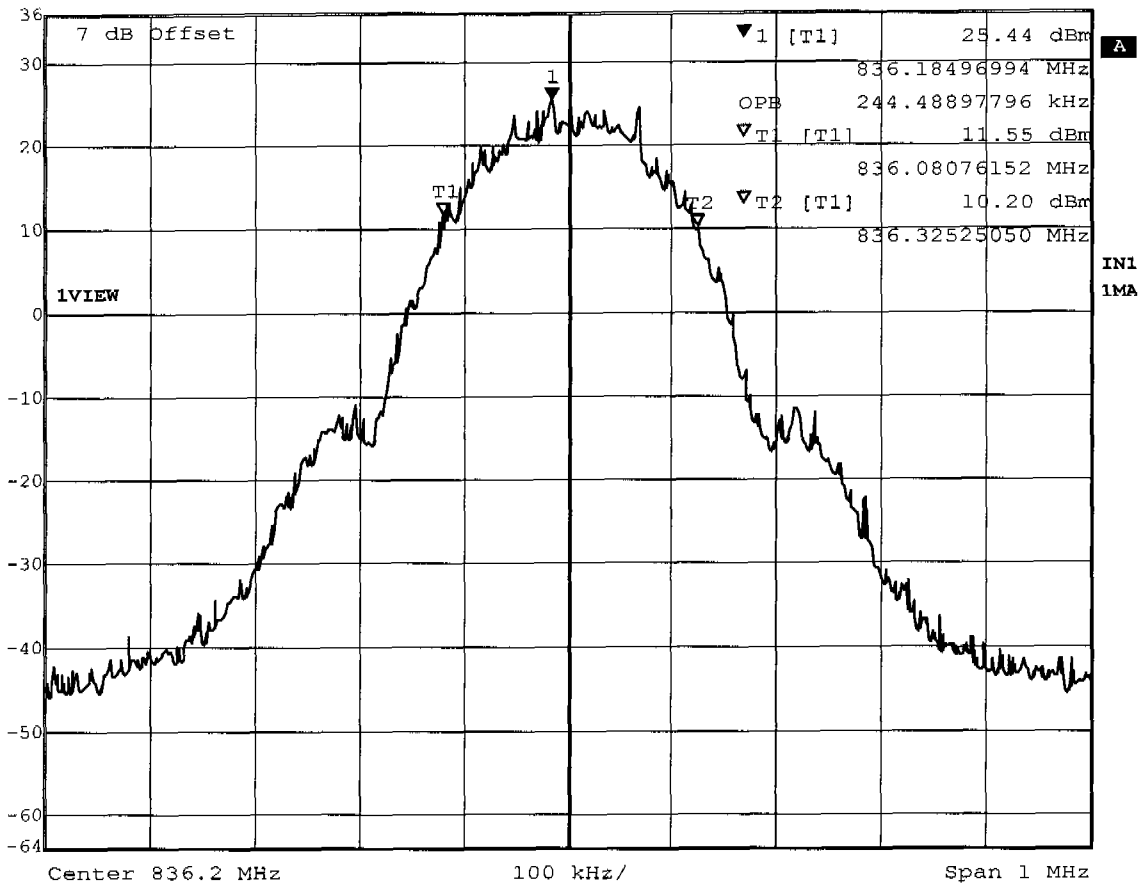
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.88 dBm VBW 3 kHz
36 dBm 824.18496994 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 128
Comment A: MC3000NA
Date: 30.DEC.2003 09:01:02



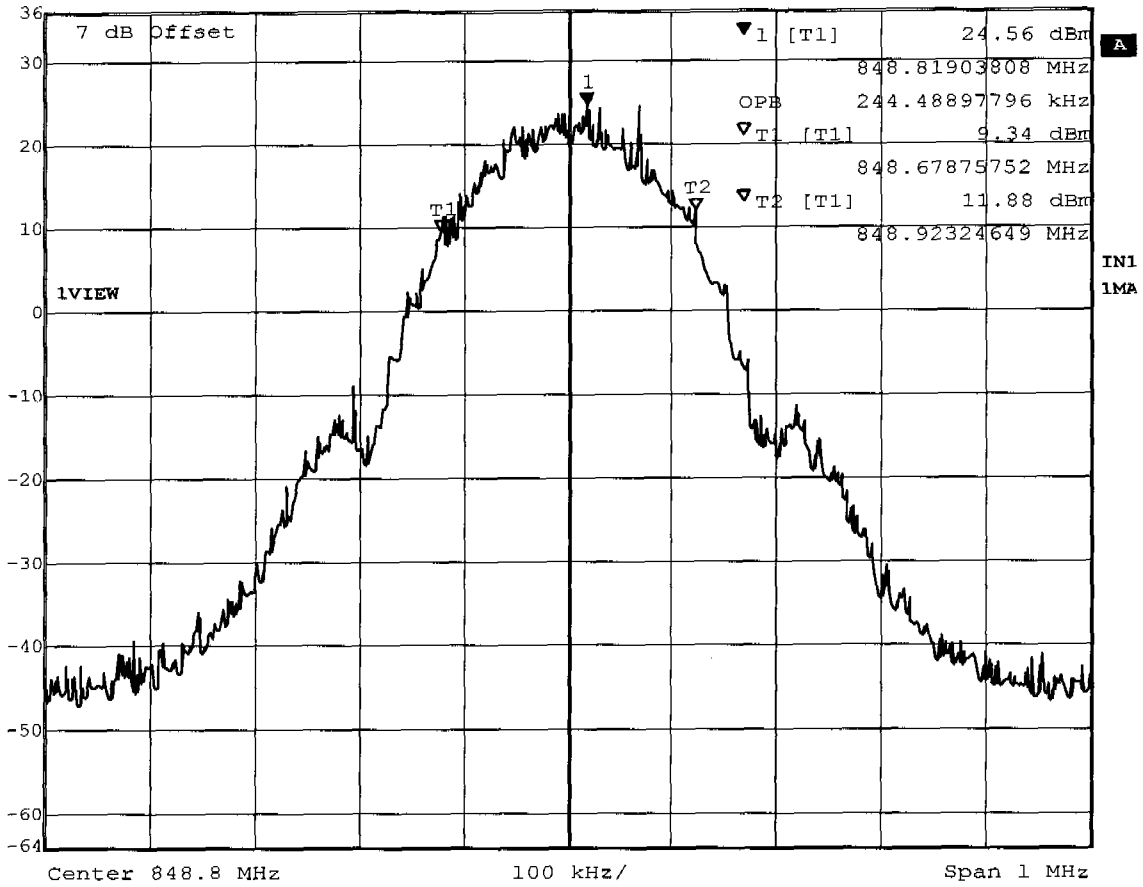
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 25.44 dBm VBW 3 kHz
36 dBm 836.18496994 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 188
Comment A: MC3000NA
Date: 30.DEC.2003 09:42:44



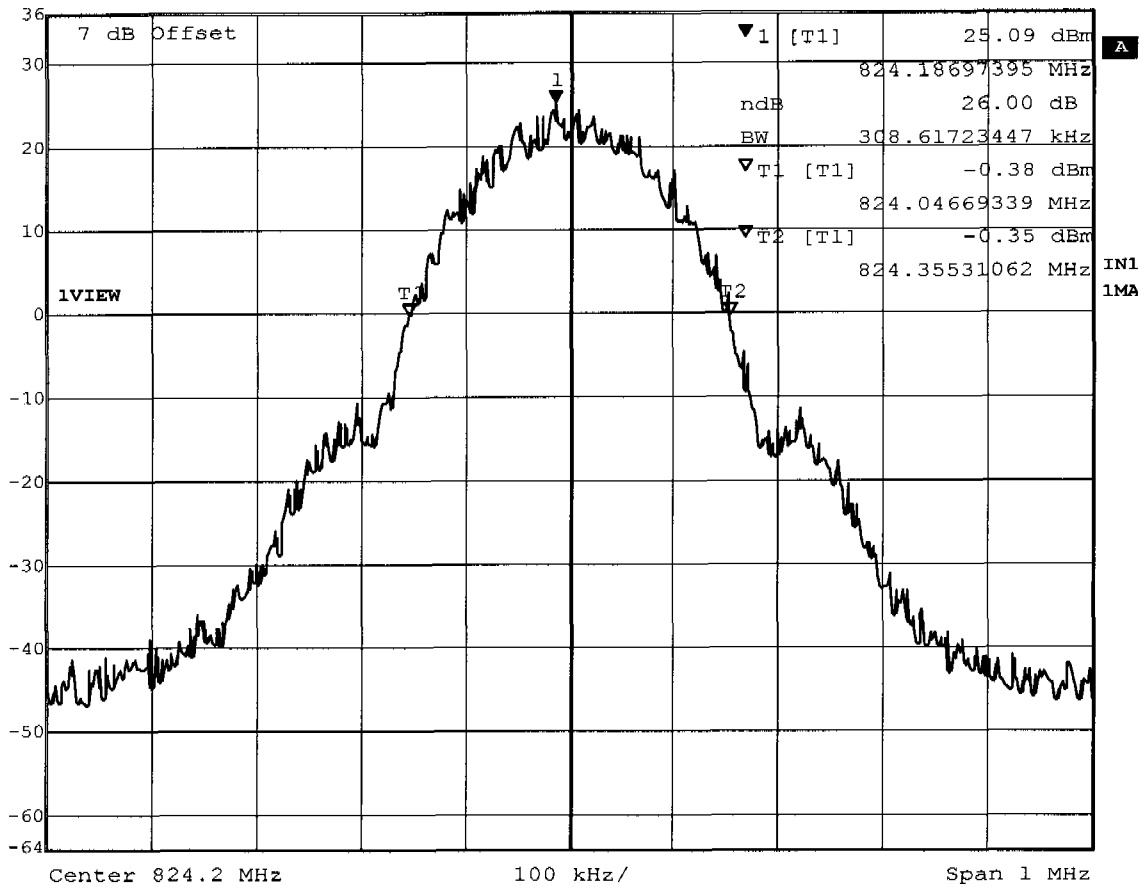
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.56 dBm VBW 3 kHz
36 dBm 848.81903808 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 251
Comment A: MC3000NA
Date: 30.DEC.2003 08:54:25



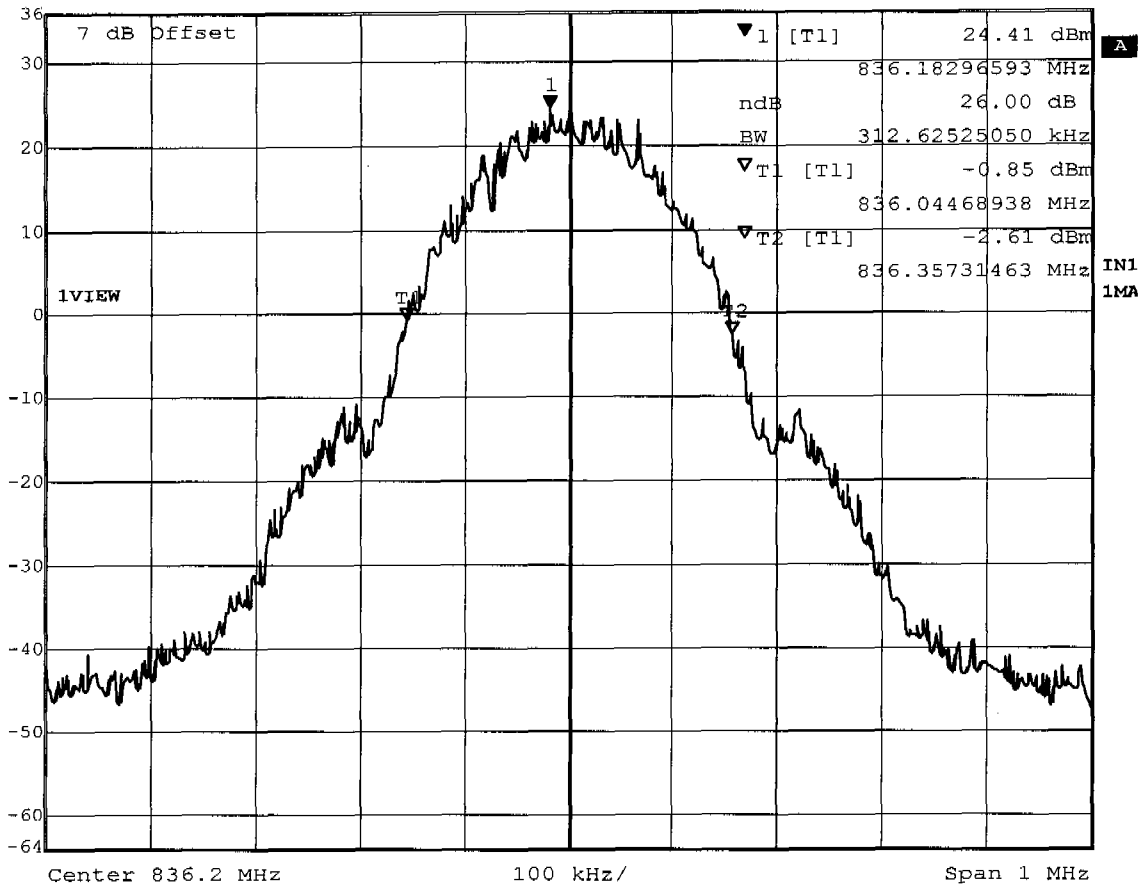
Marker 1 [T1 ndB] REW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 308.61723447 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 128
Comment A: MC3000NA
Date: 30.DEC.2003 09:38:51



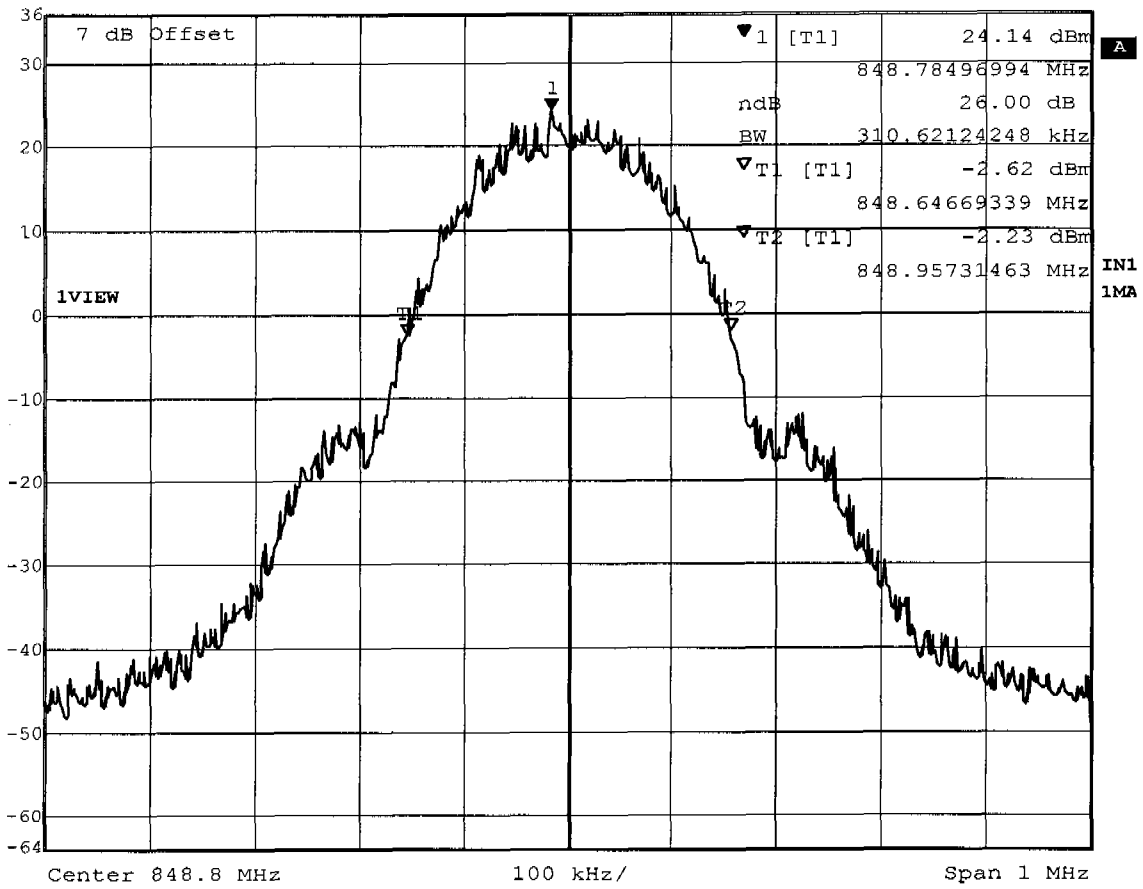
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 312.62525050 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 188
 Comment A: MC3000NA
 Date: 30.DEC.2003 09:40:31



Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 310.62124248 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 251
Comment A: MC3000NA
Date: 30.DEC.2003 08:51:24

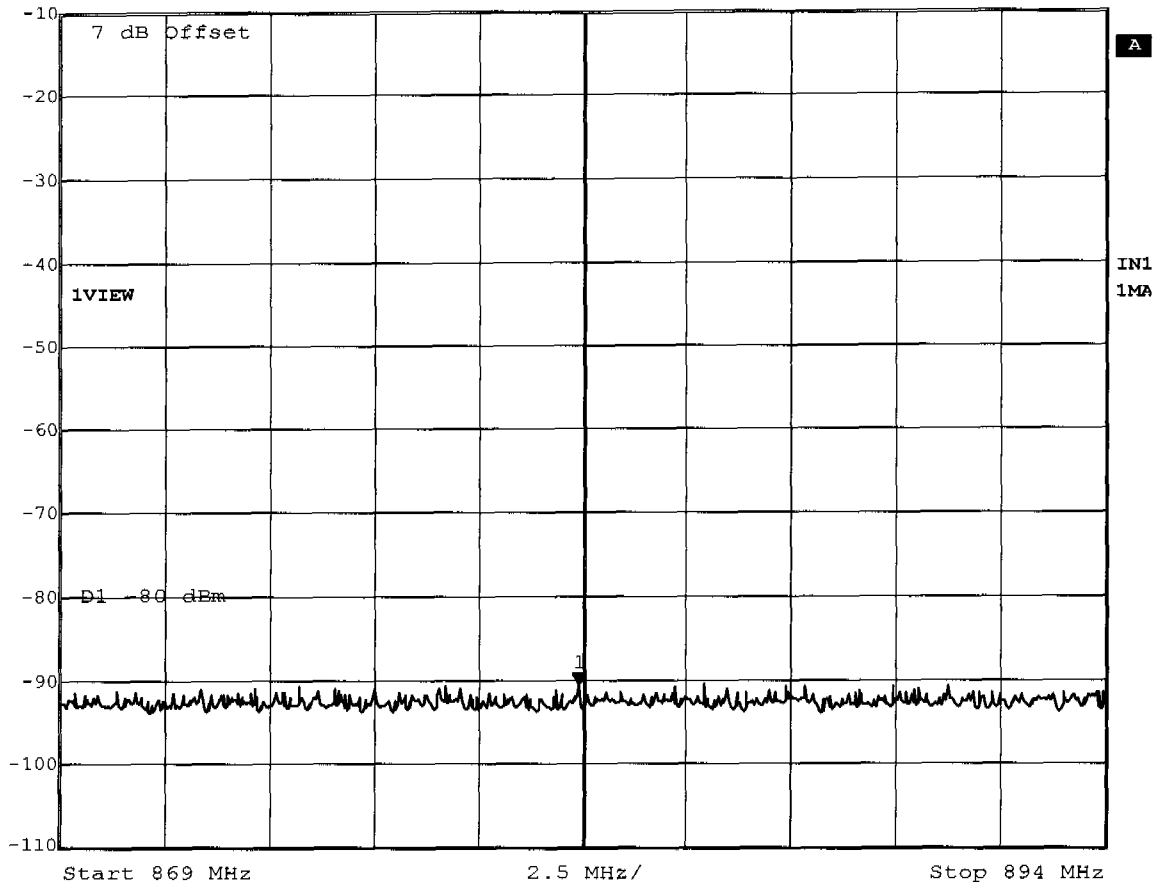


Appendix H

Emissions in Receiver Critical Band



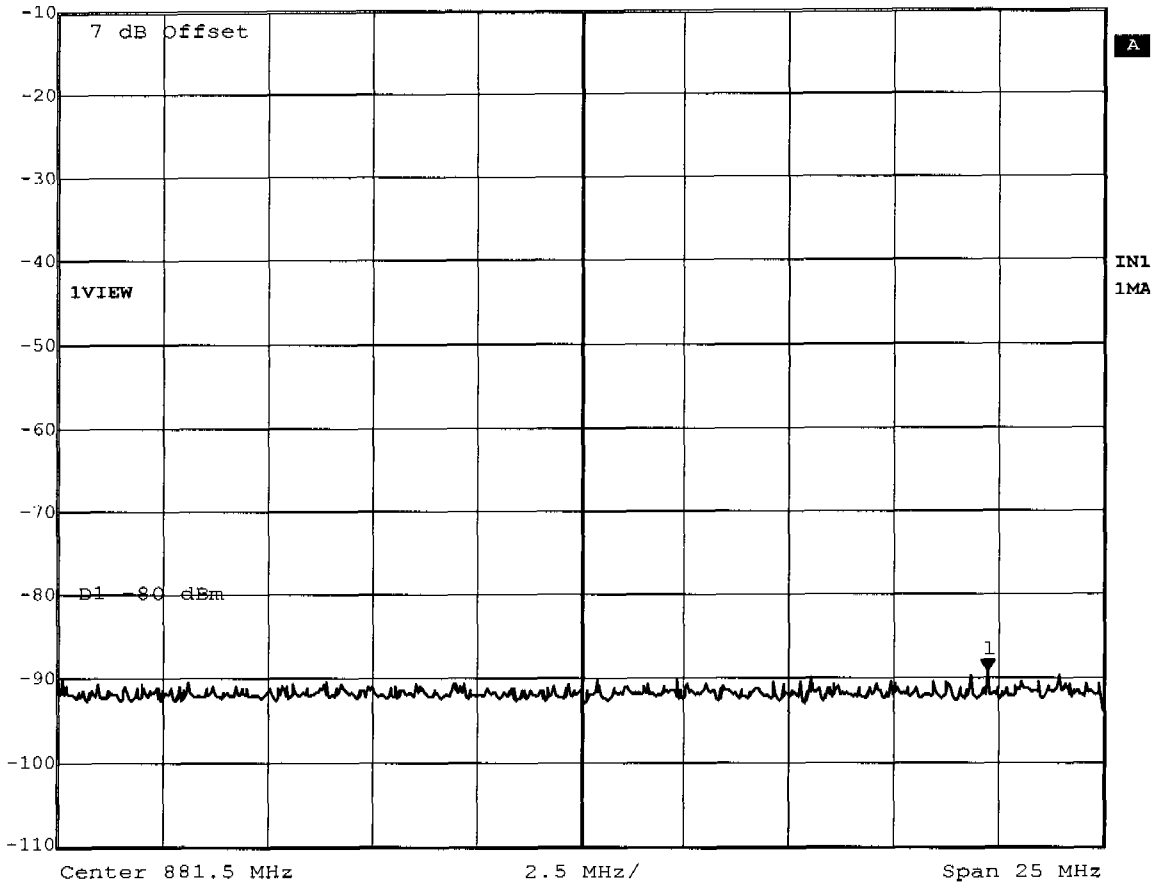
Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -90.58 dBm VBW 30 kHz
-10 dBm 881.42484970 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 128
Comment A: MC3000NA
Date: 30.DEC.2003 09:58:54



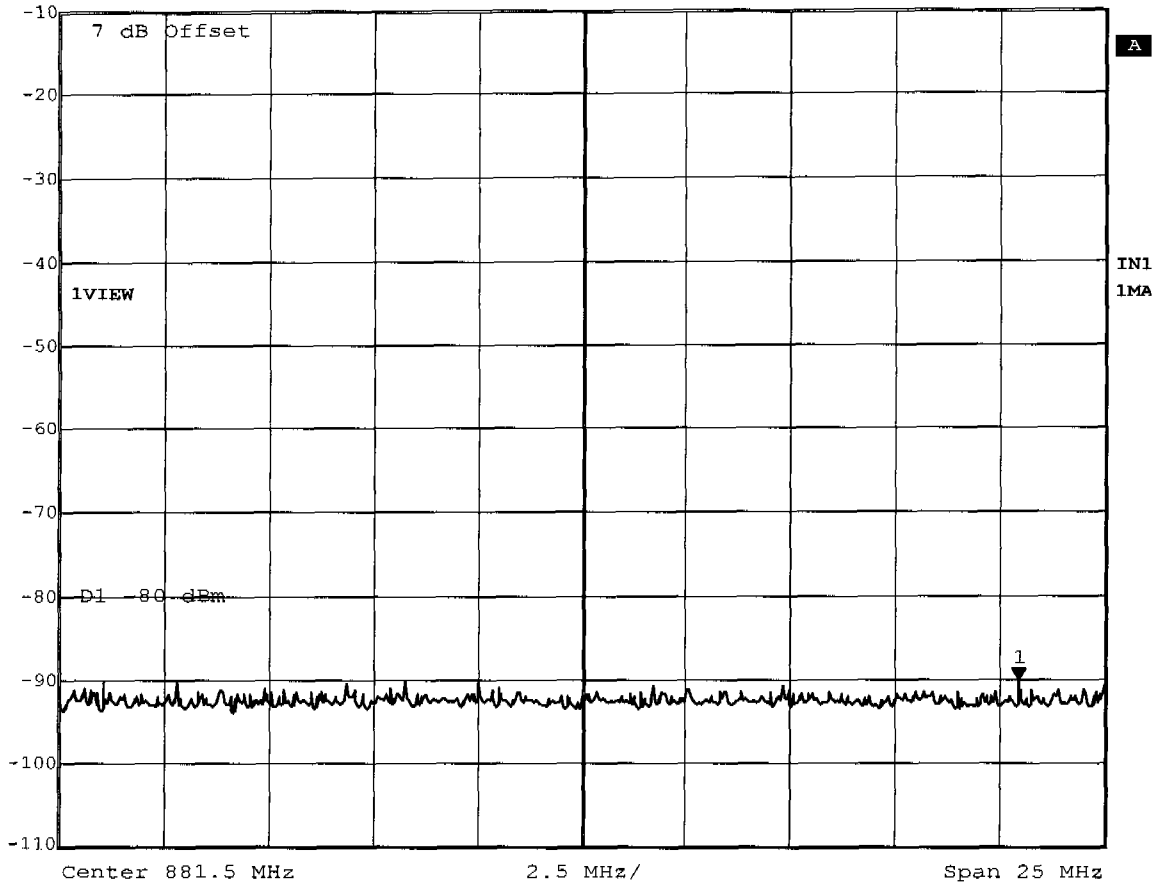
Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -89.49 dBm VBW 30 kHz
-10 dBm 891.24448898 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 188
Comment A: MC3000NA
Date: 30.DEC.2003 09:50:21



Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -90.16 dBm VBW 30 kHz
-10 dBm 891.94589178 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 251
Comment A: MC3000NA
Date: 30.DEC.2003 09:55:58



Appendix I

Out of Band Emission at Antenna Terminals Mobile Emissions In Base Frequency Range

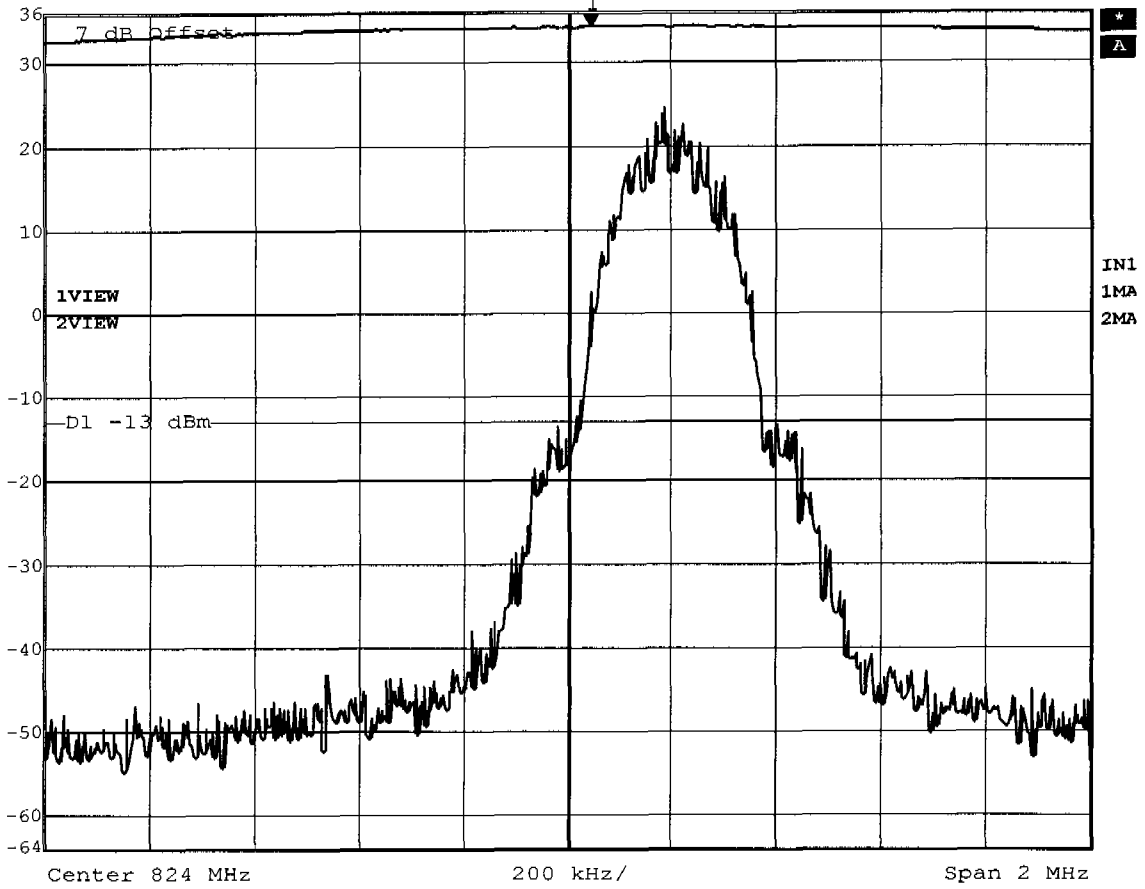


Appendix J

Field Strength of Spurious Radiation



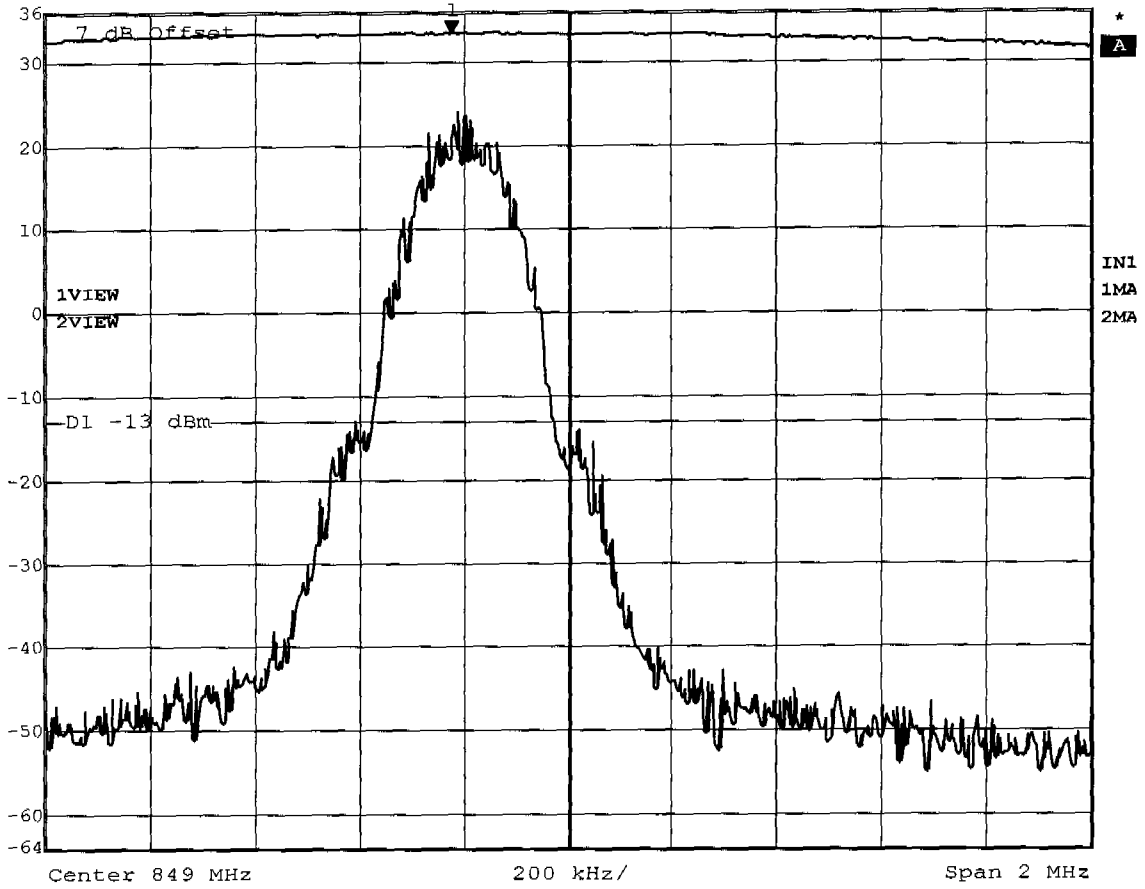
Marker 1 [T1]	REW	3 kHz	RF Att	50 dB
Ref Lvl	34.15 dBm	VBW	3 kHz	
36 dBm	824.04609218 MHz	SWT	560 ms	Unit dBm



Title: Lower Band Edge
Comment A: MC3000NA
Date: 30.DEC.2003 08:47:09



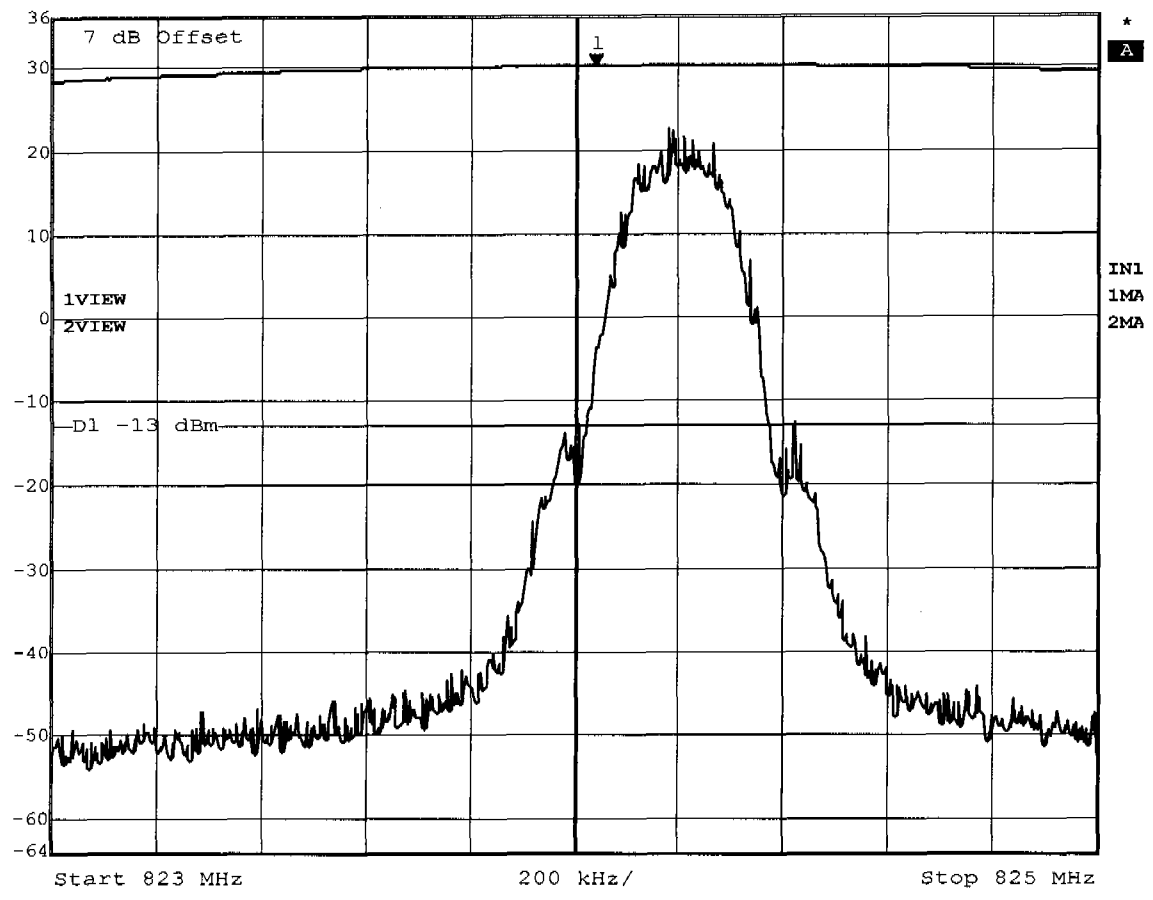
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 33.33 dBm VBW 3 kHz
36 dBm 848.7775511 MHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Comment A: MC3000NA
Date: 30.DEC.2003 08:49:16



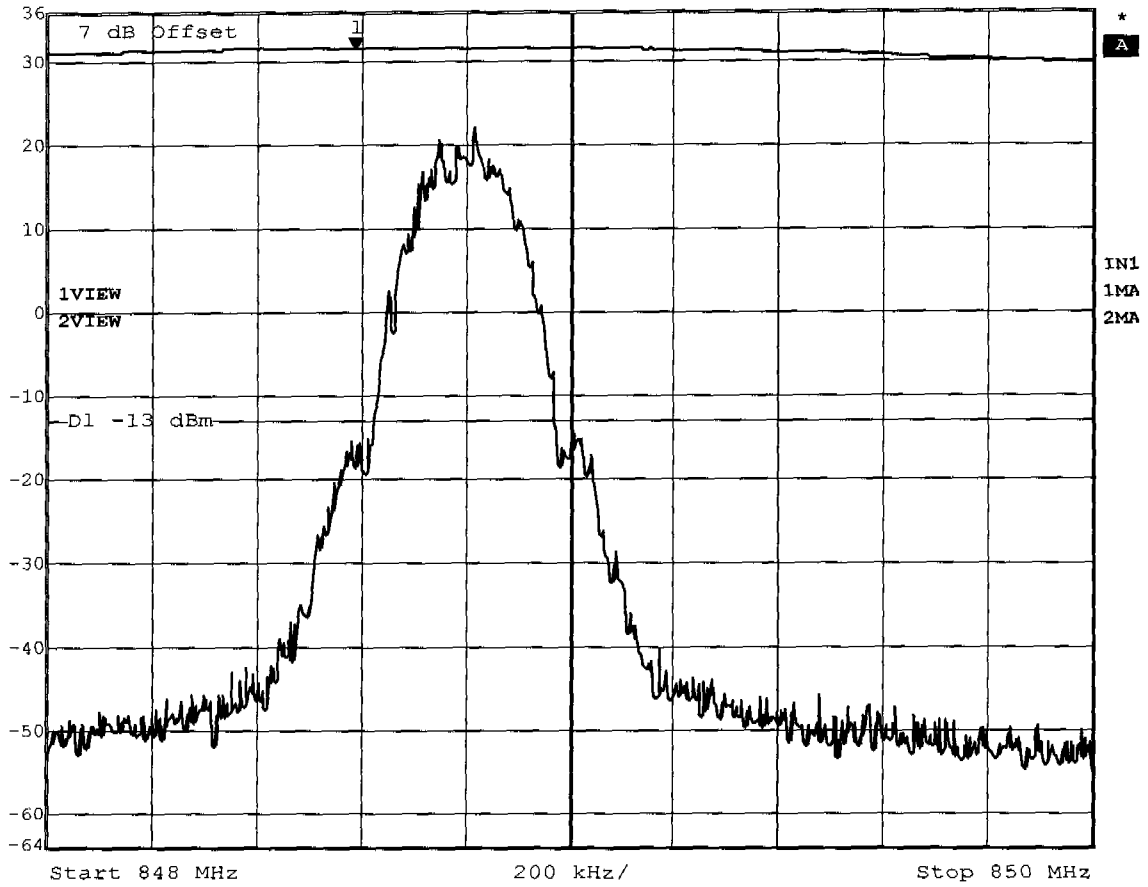
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 29.88 dBm VBW 3 kHz
36 dBm 824.04208417 MHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Comment A: siemens cingular
Date: 30.DEC.2003 10:16:19



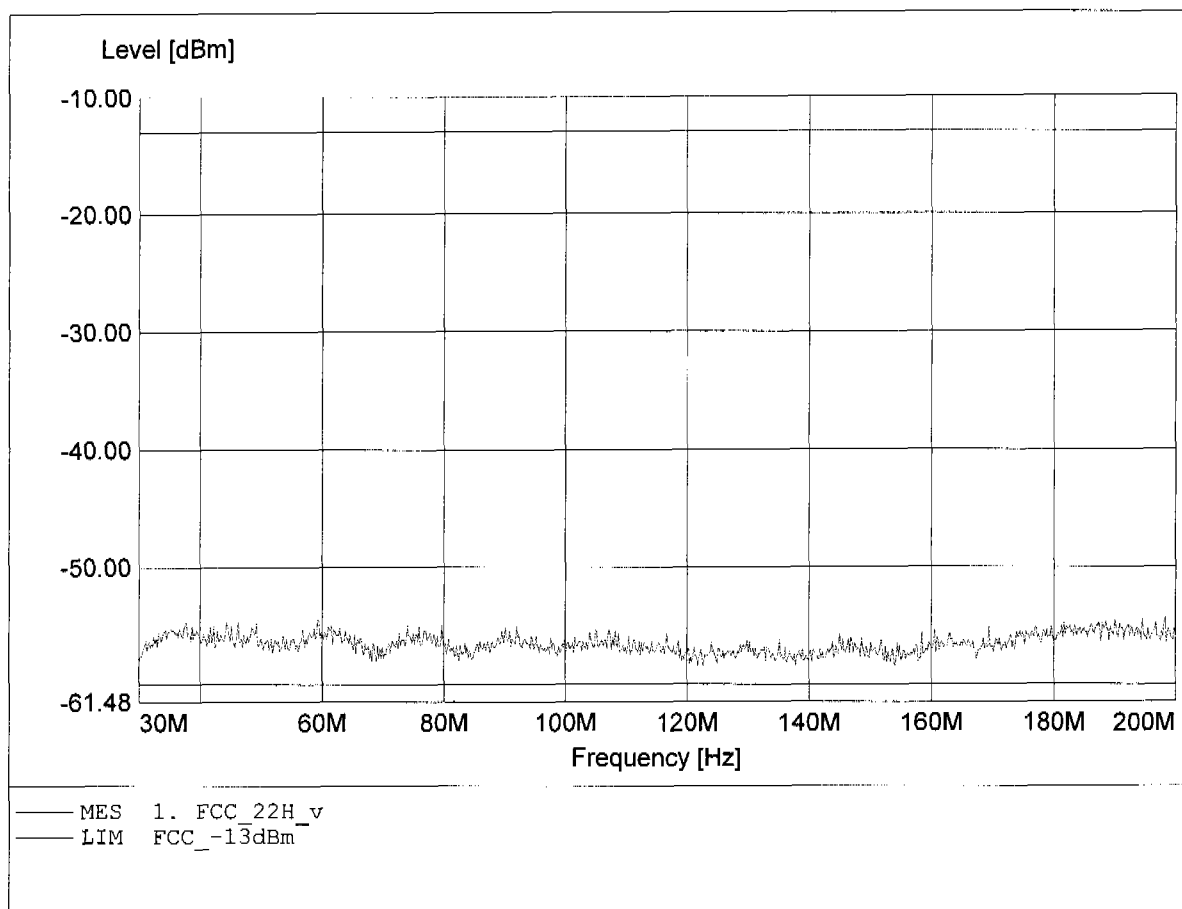
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 31.40 dBm VBW 3 kHz
36 dBm 848.58917836 MHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Comment A: siemens cingular
Date: 30.DEC.2003 10:18:26

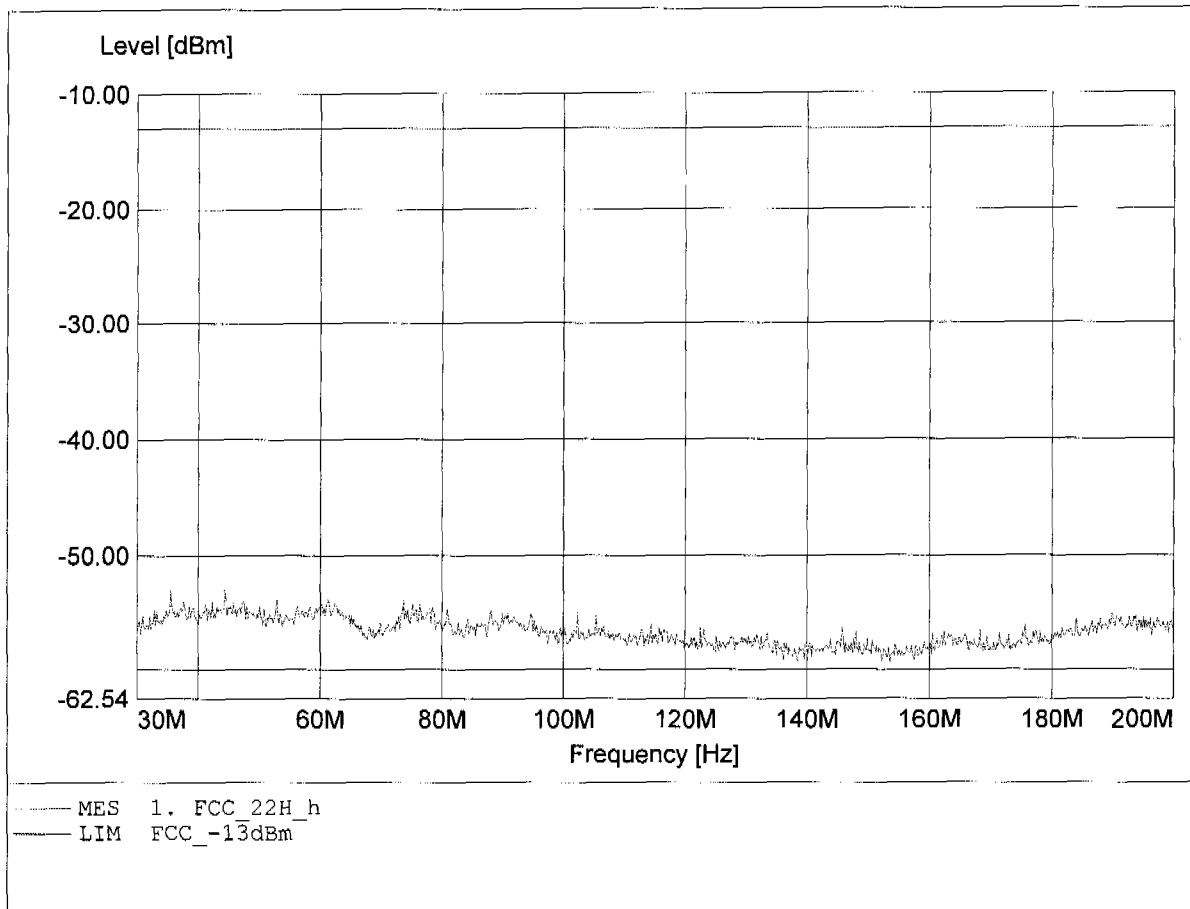
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.300MHz, Pmax: -54.29dBm, RBW: 1MHz



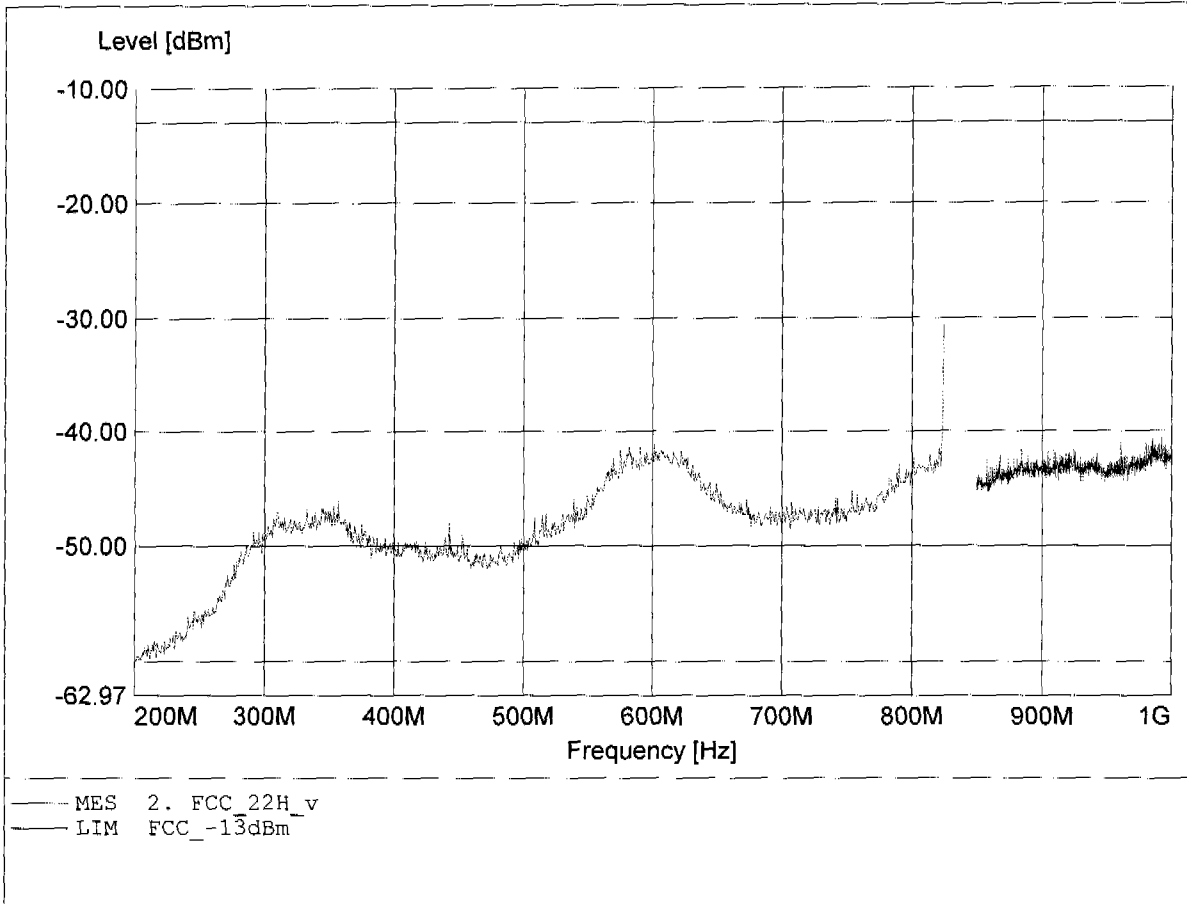
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.356MHz, Pmax: -53.00dBm, RBW: 1MHz



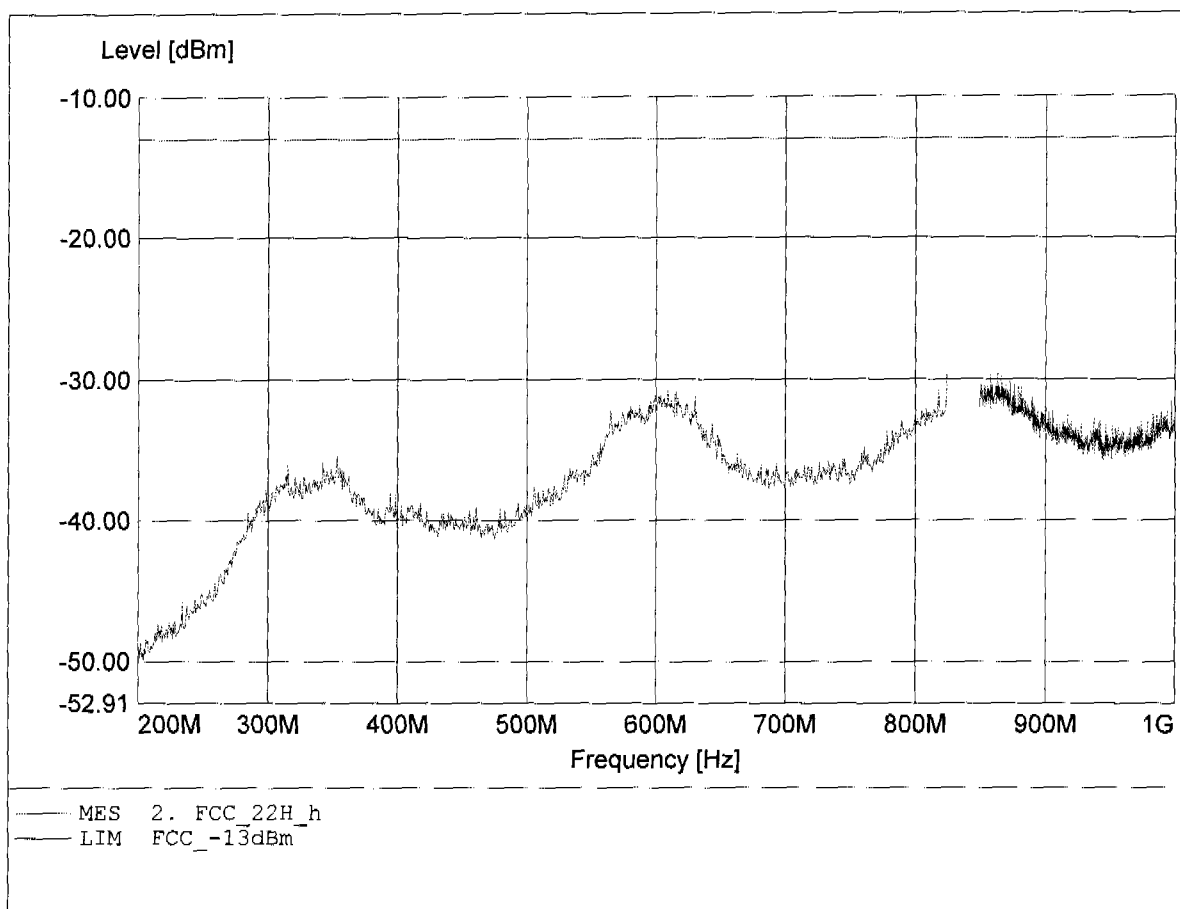
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 824.000MHz, Pmax: -30.63dBm, RBW: 1MHz



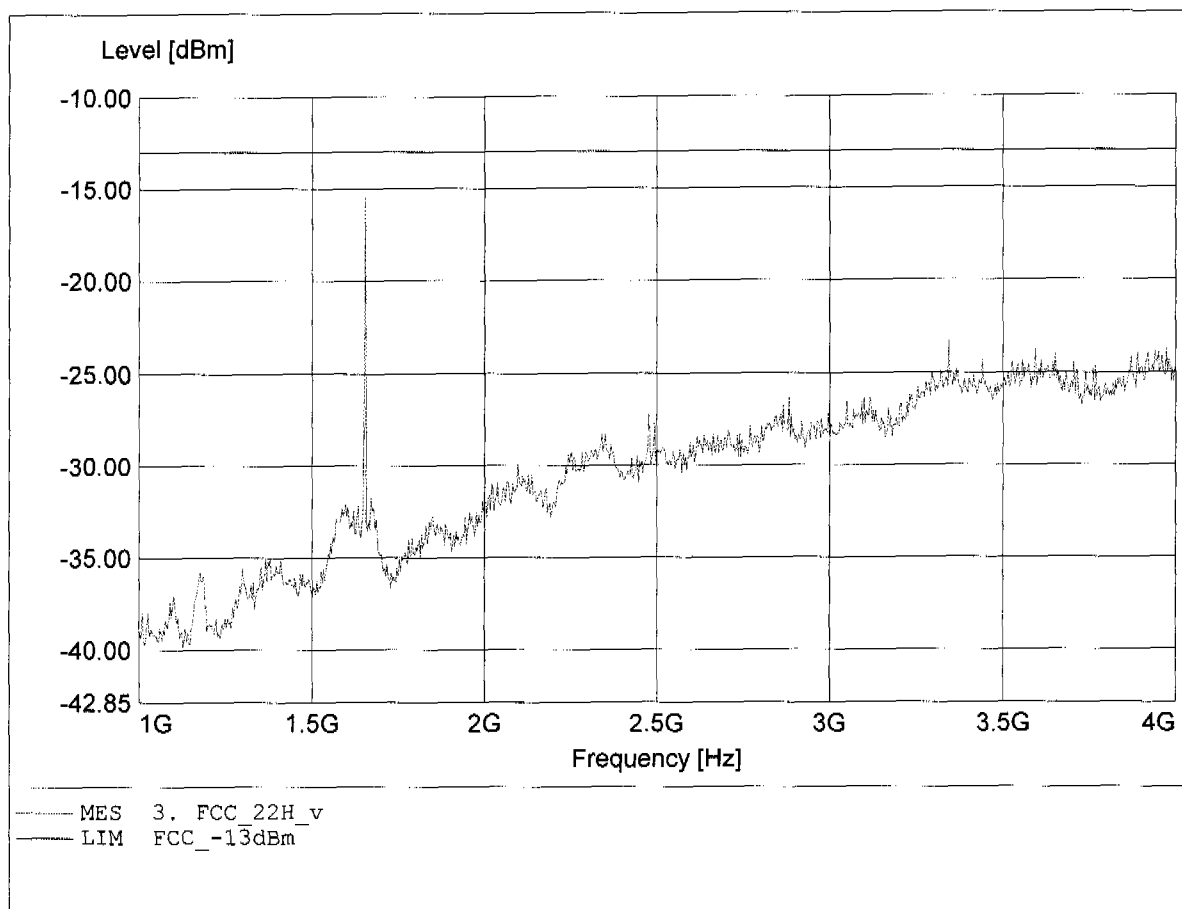
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 863.261MHz, Pmax: -29.64dBm, RBW: 1MHz



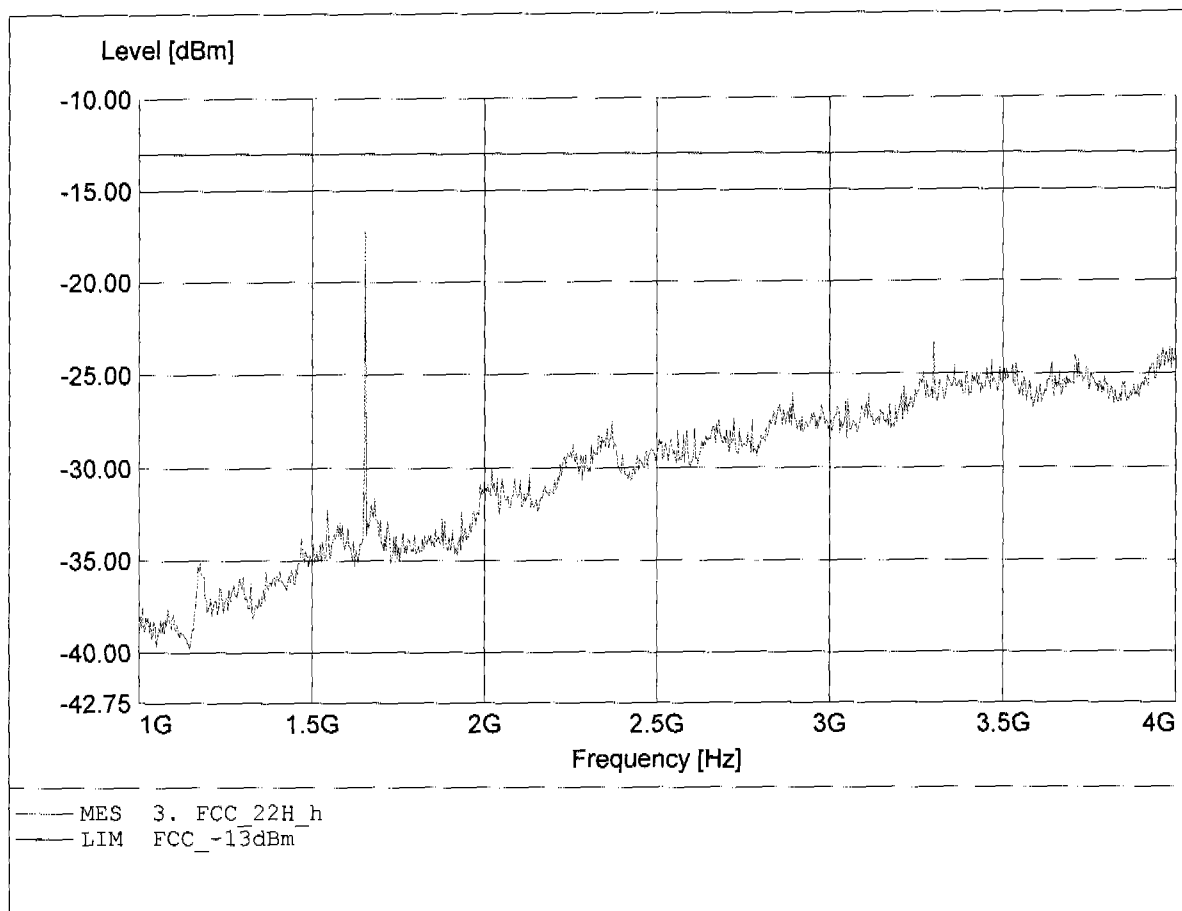
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.653GHz, Pmax: -15.39dBm, RBW: 1MHz



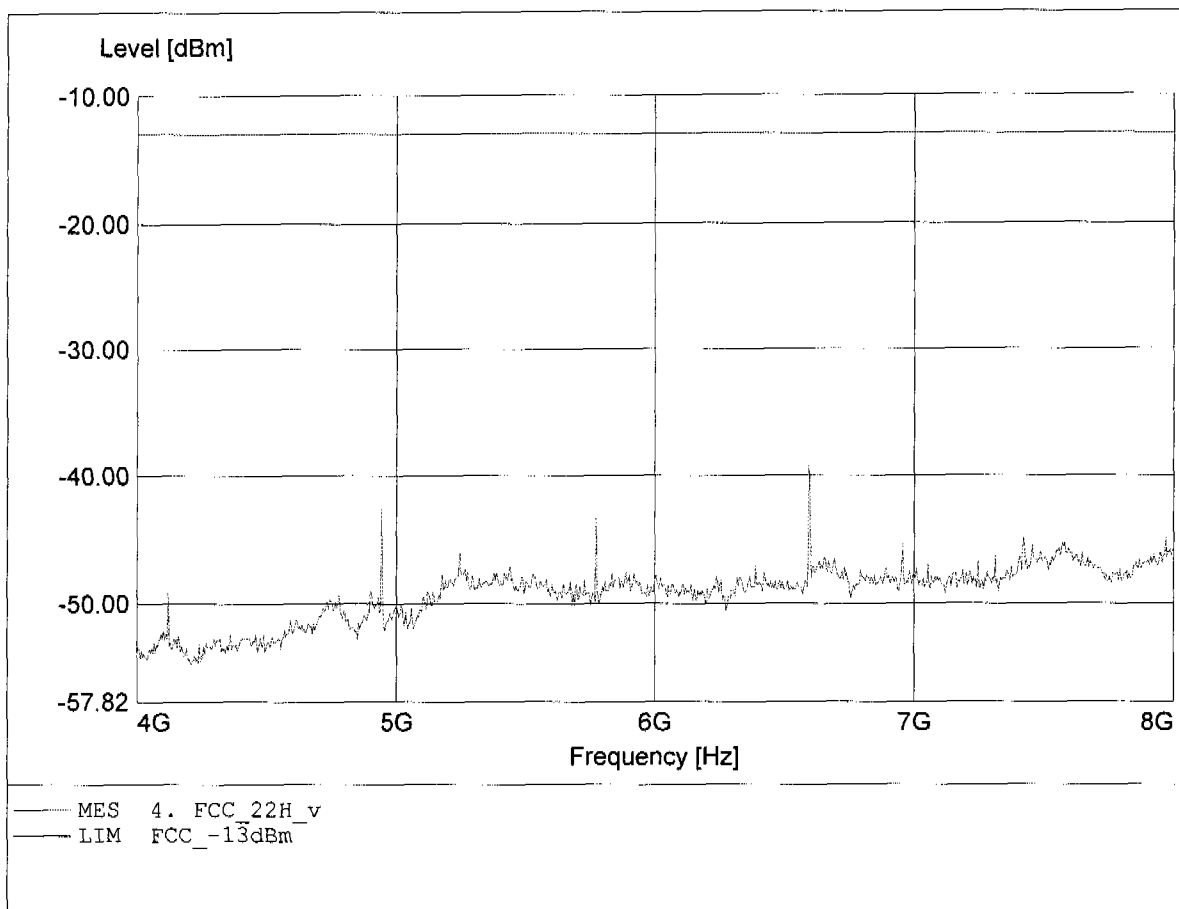
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.653GHz, Pmax: -17.23dBm, RBW: 1MHz



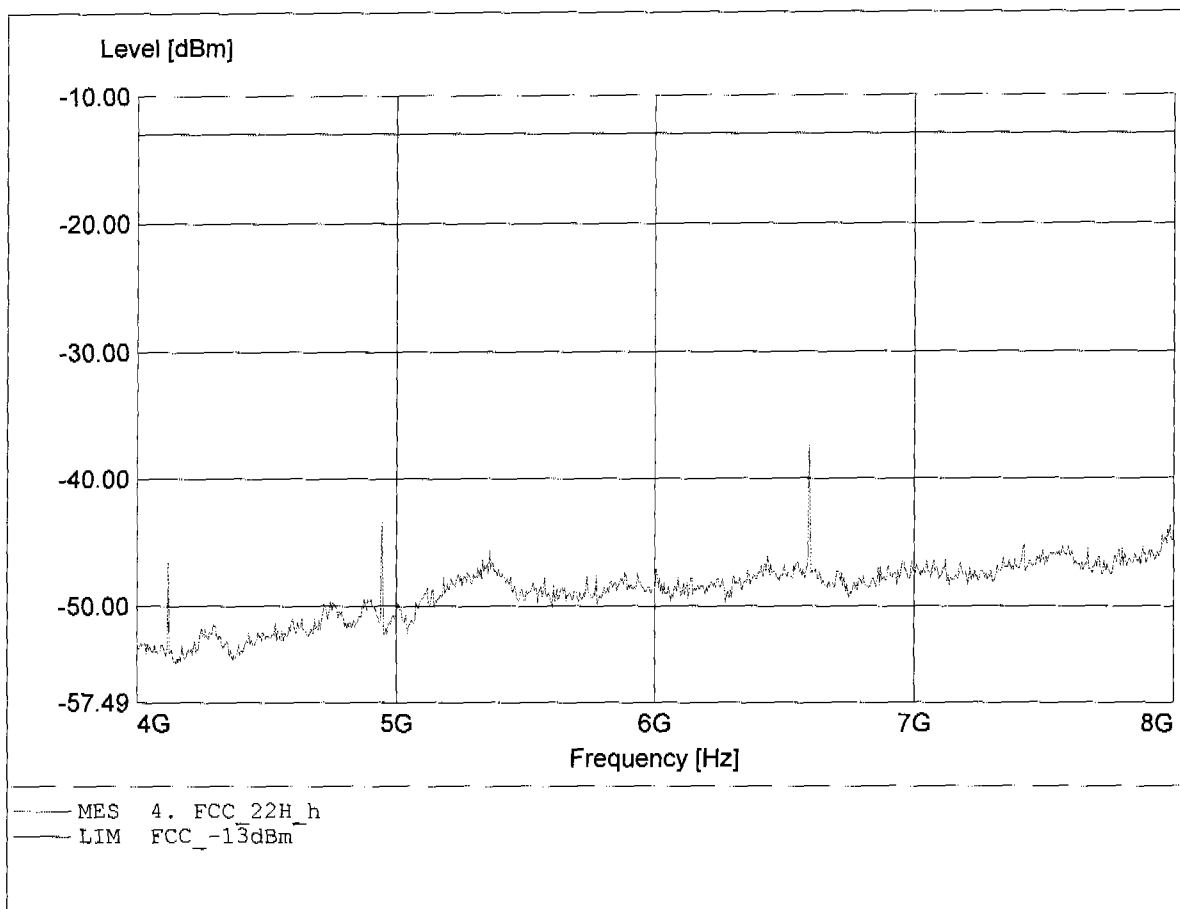
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.596GHz, Pmax: -39.20dBm, RBW: 1MHz



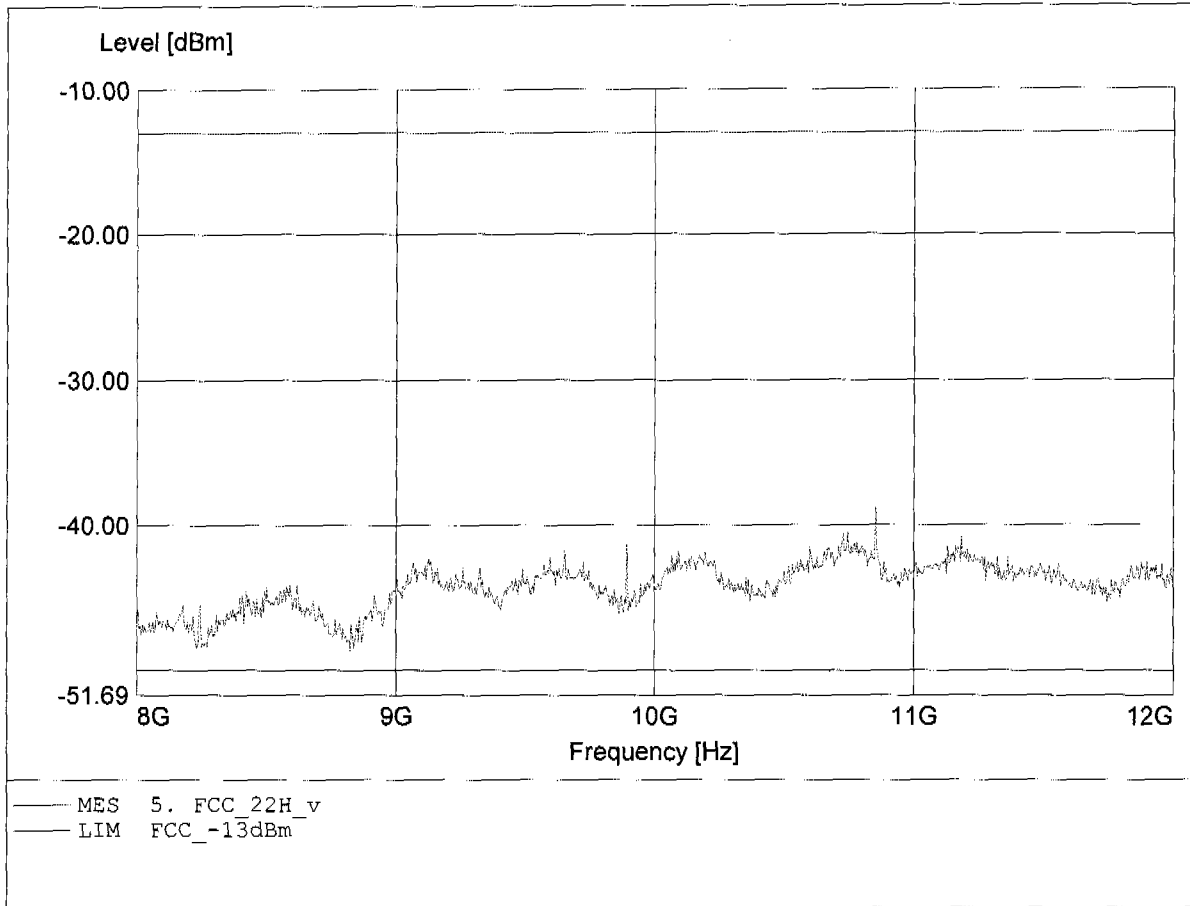
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.596GHz, Pmax: -37.42dBm, RBW: 1MHz



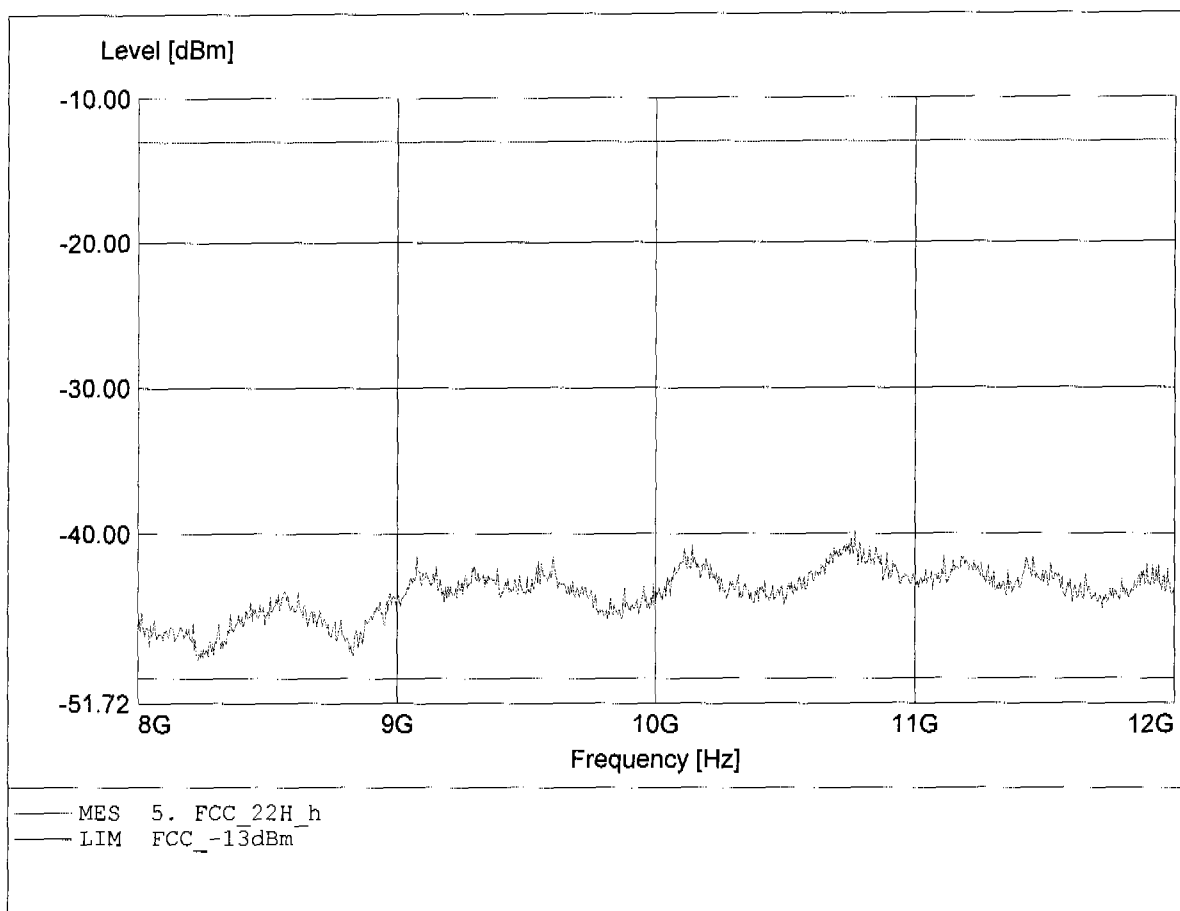
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.853GHz, Pmax: -38.84dBm, RBW: 1MHz



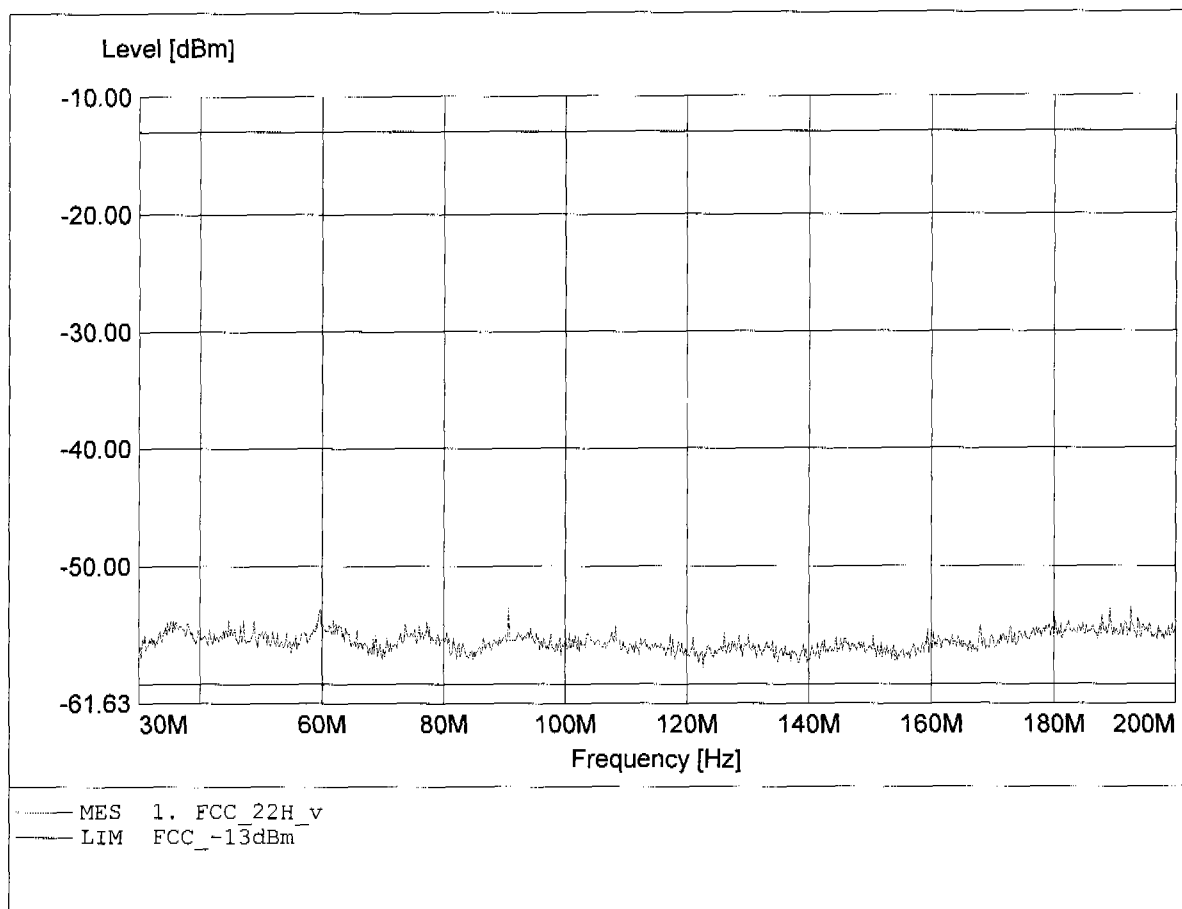
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.769GHz, Pmax: -39.81dBm, RBW: 1MHz



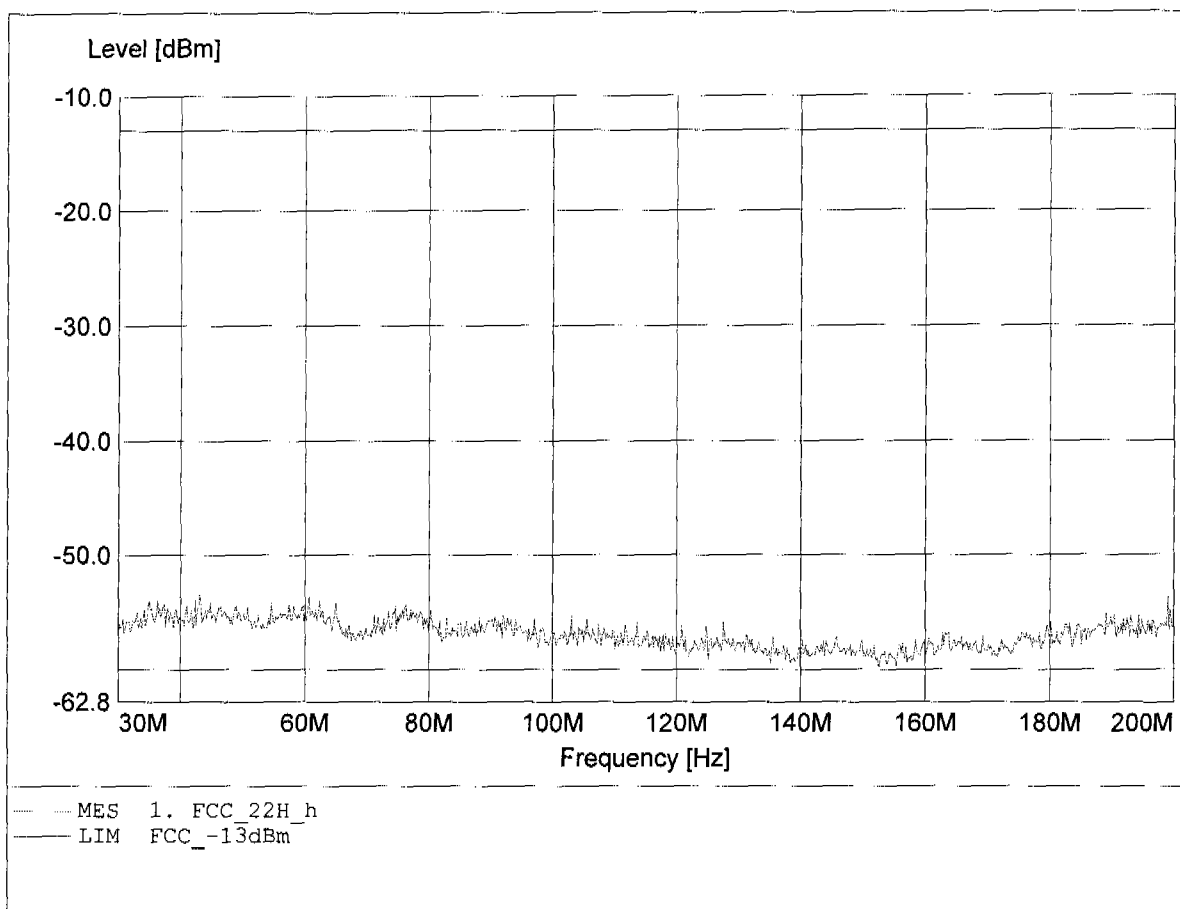
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.633MHz, Pmax: -53.46dBm, RBW: 1MHz



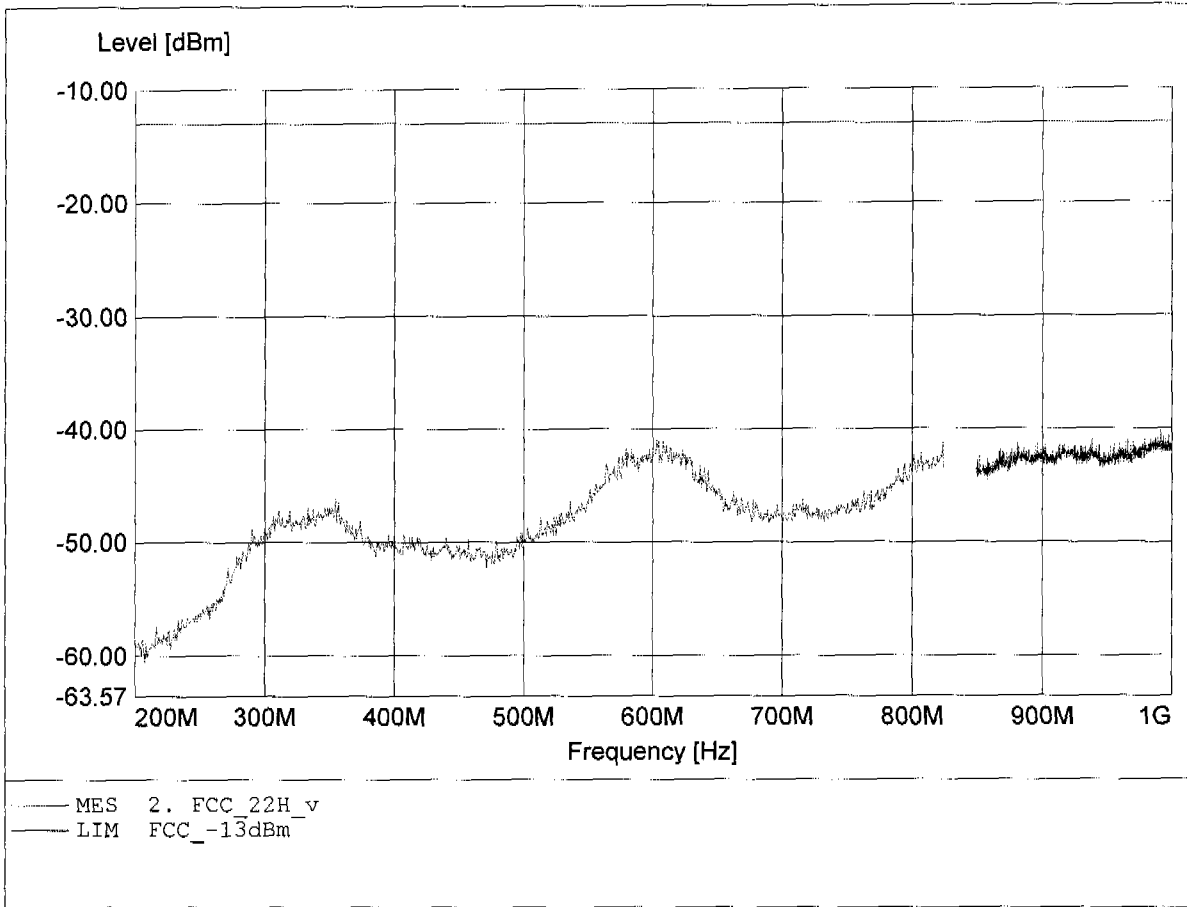
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 199.056MHz, Pmax: -53.48dBm, RBW: 1MHz



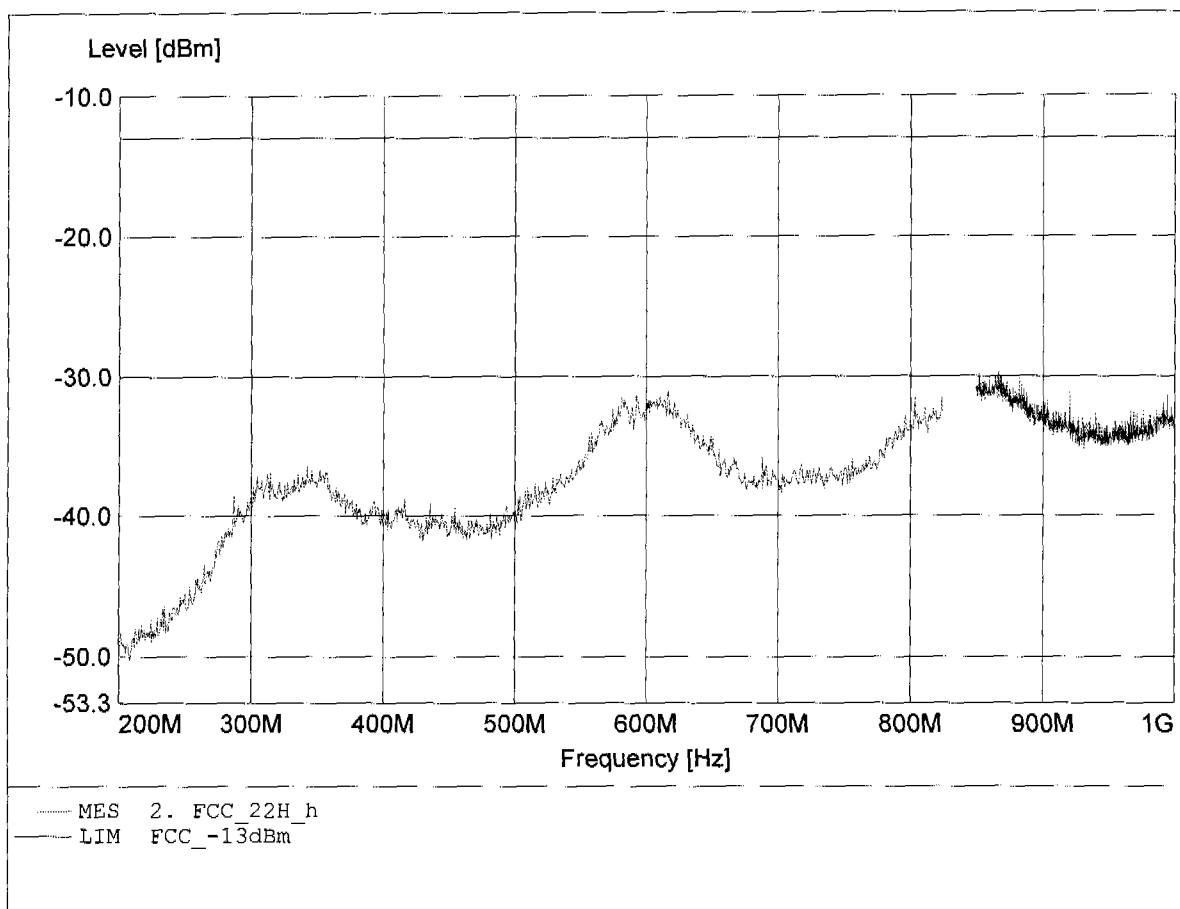
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 991.276MHz, Pmax: -40.26dBm, RBW: 1MHz



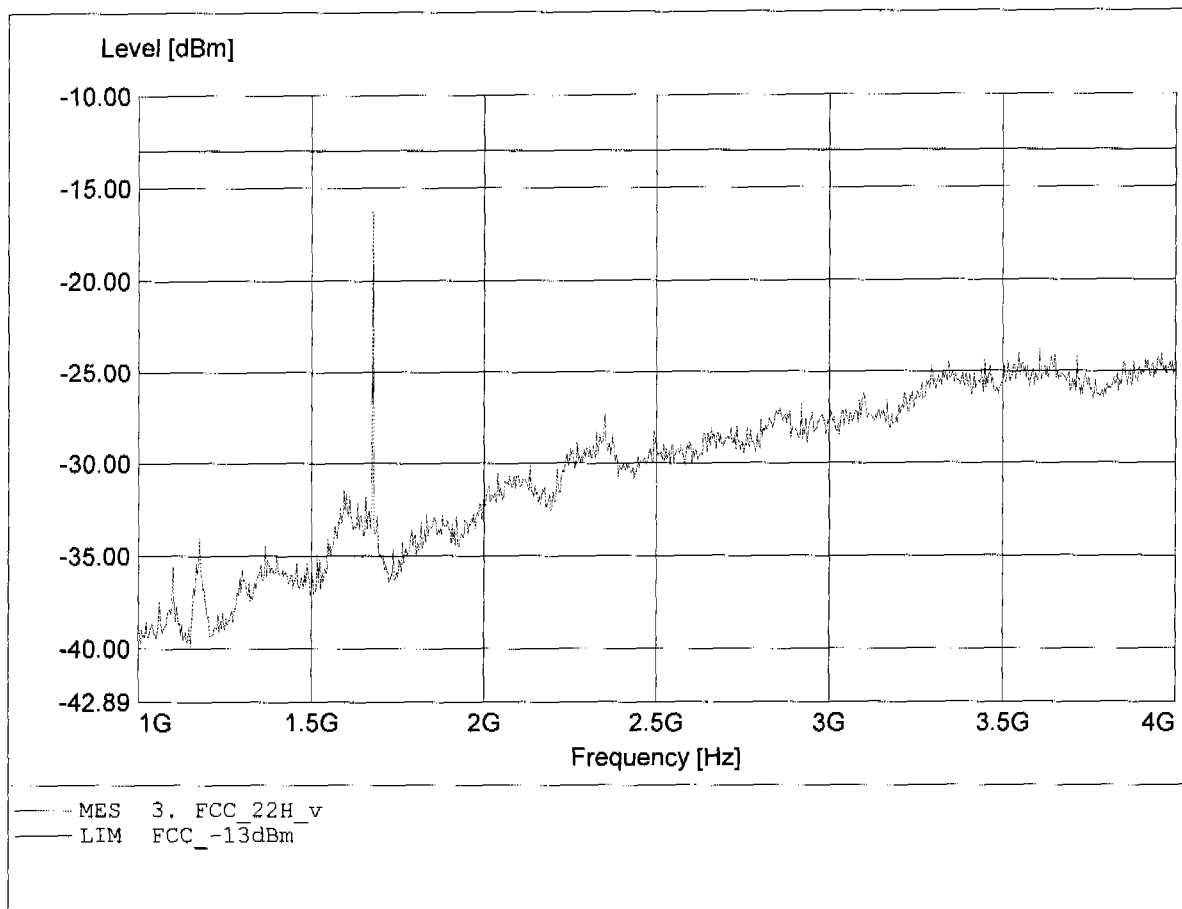
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 866.281MHz, Pmax: -29.69dBm, RBW: 1MHz



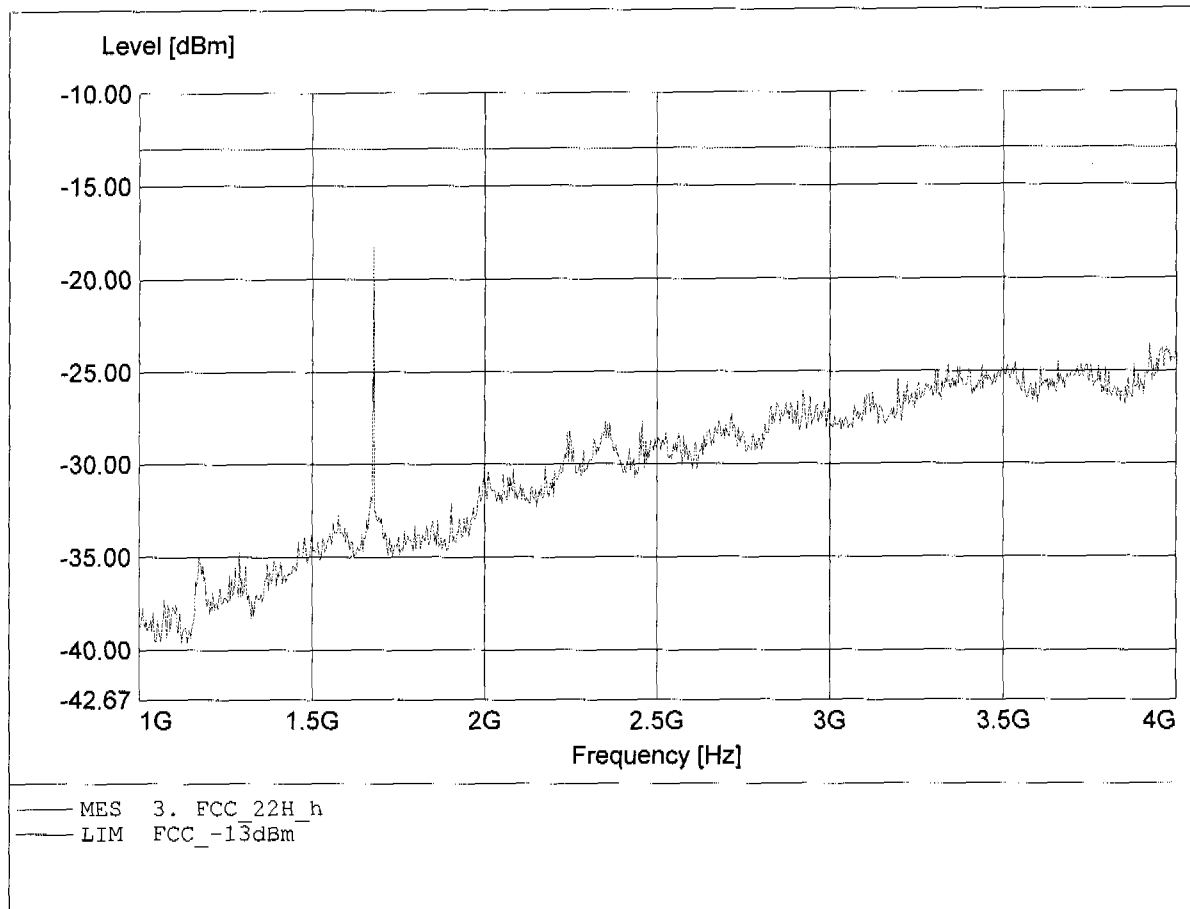
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -16.30dBm, RBW: 1MHz



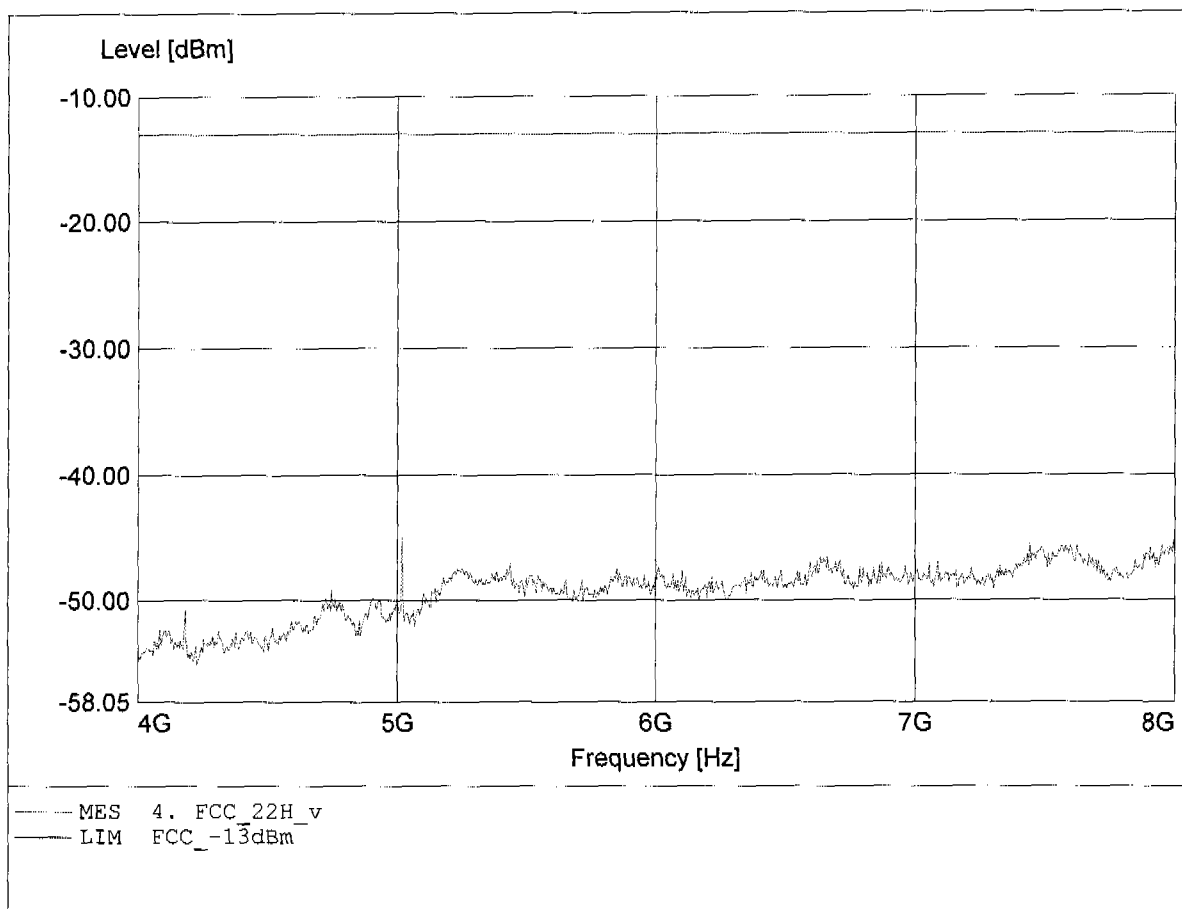
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -18.27dBm, RBW: 1MHz



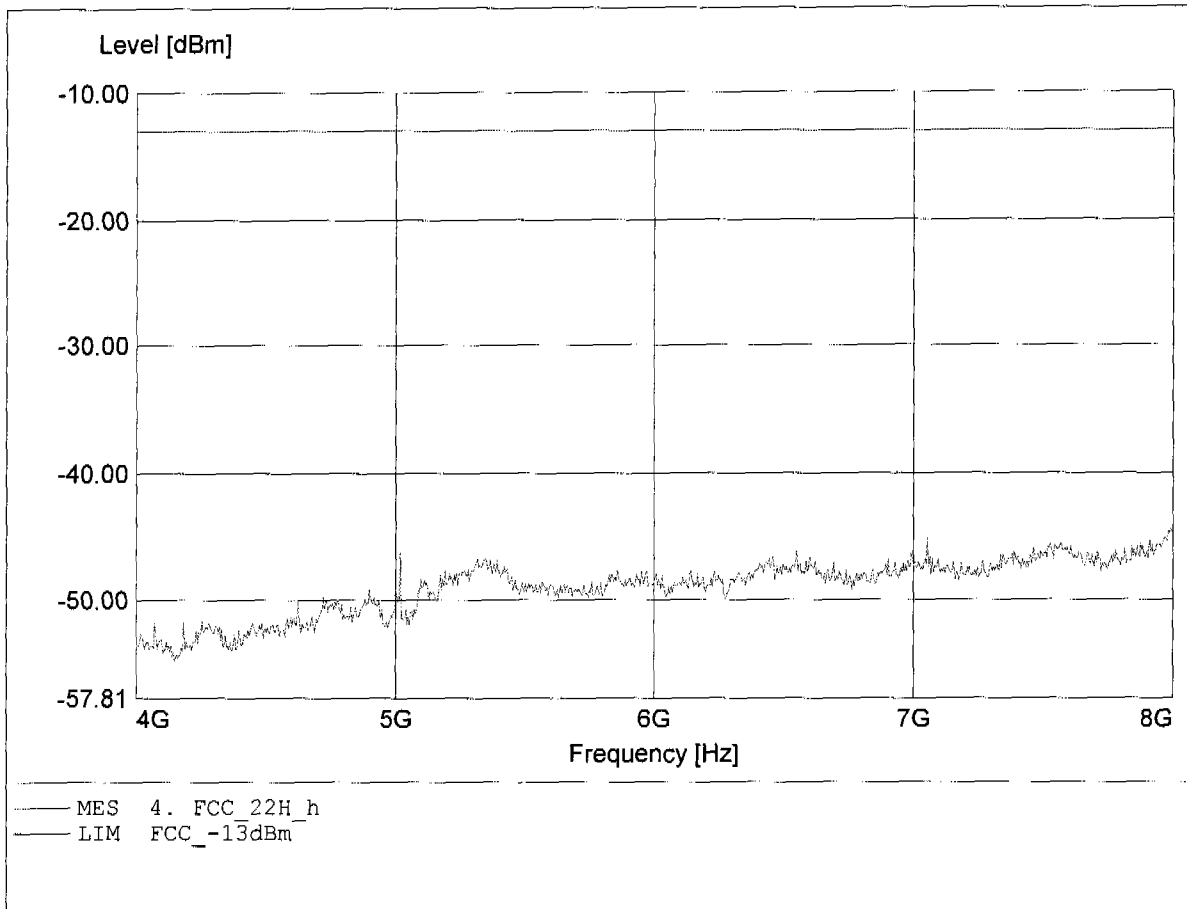
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.018GHz, Pmax: -44.88dBm, RBW: 1MHz



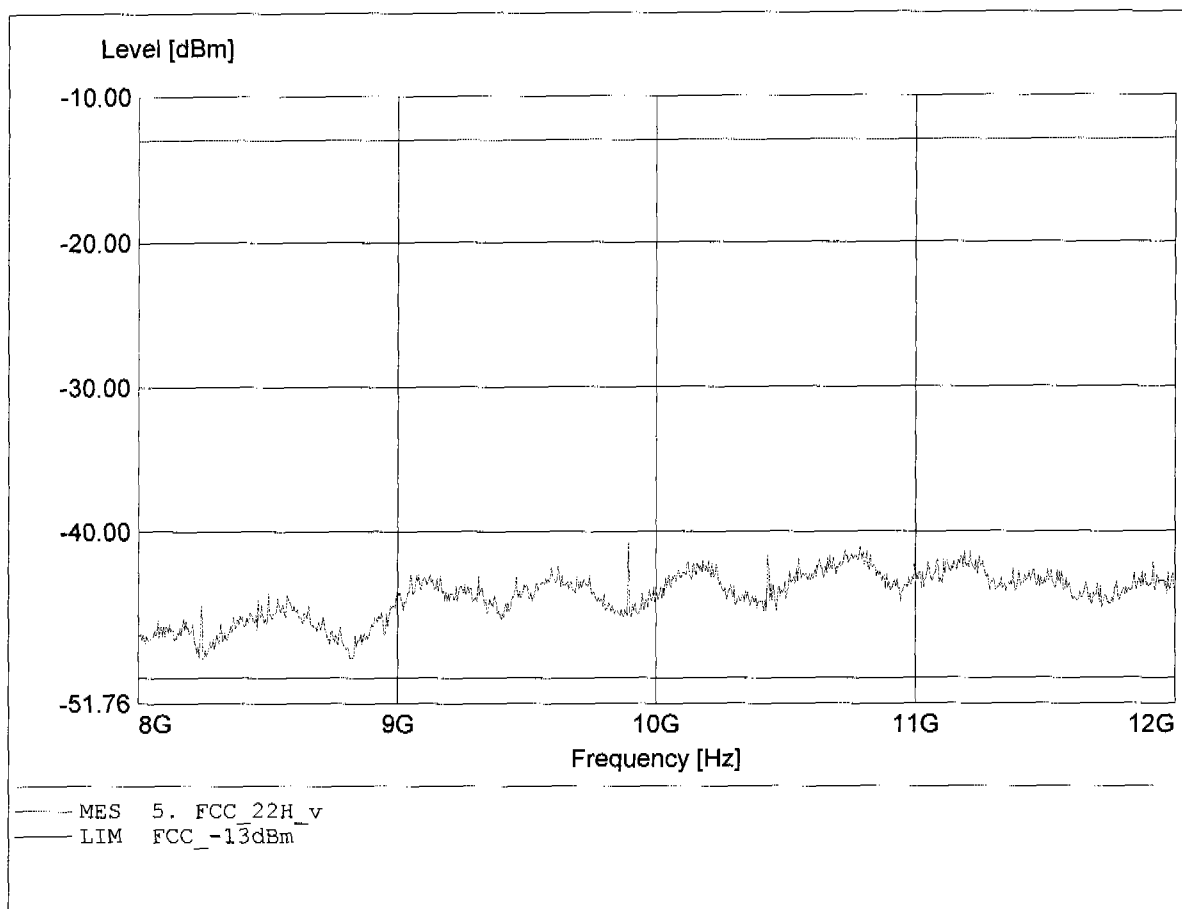
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.991GHz, Pmax: -44.41dBm, RBW: 1MHz



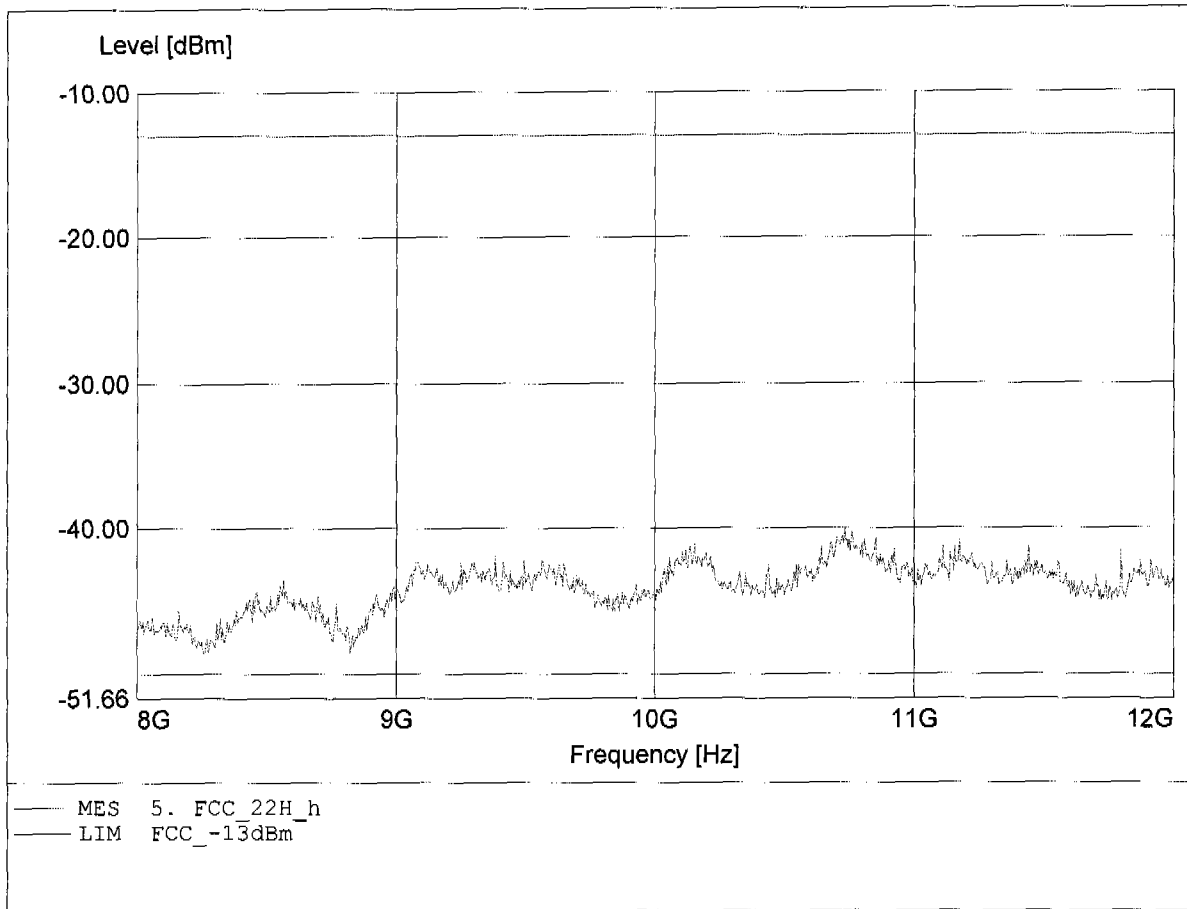
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.893GHz, Pmax: -40.71dBm, RBW: 1MHz



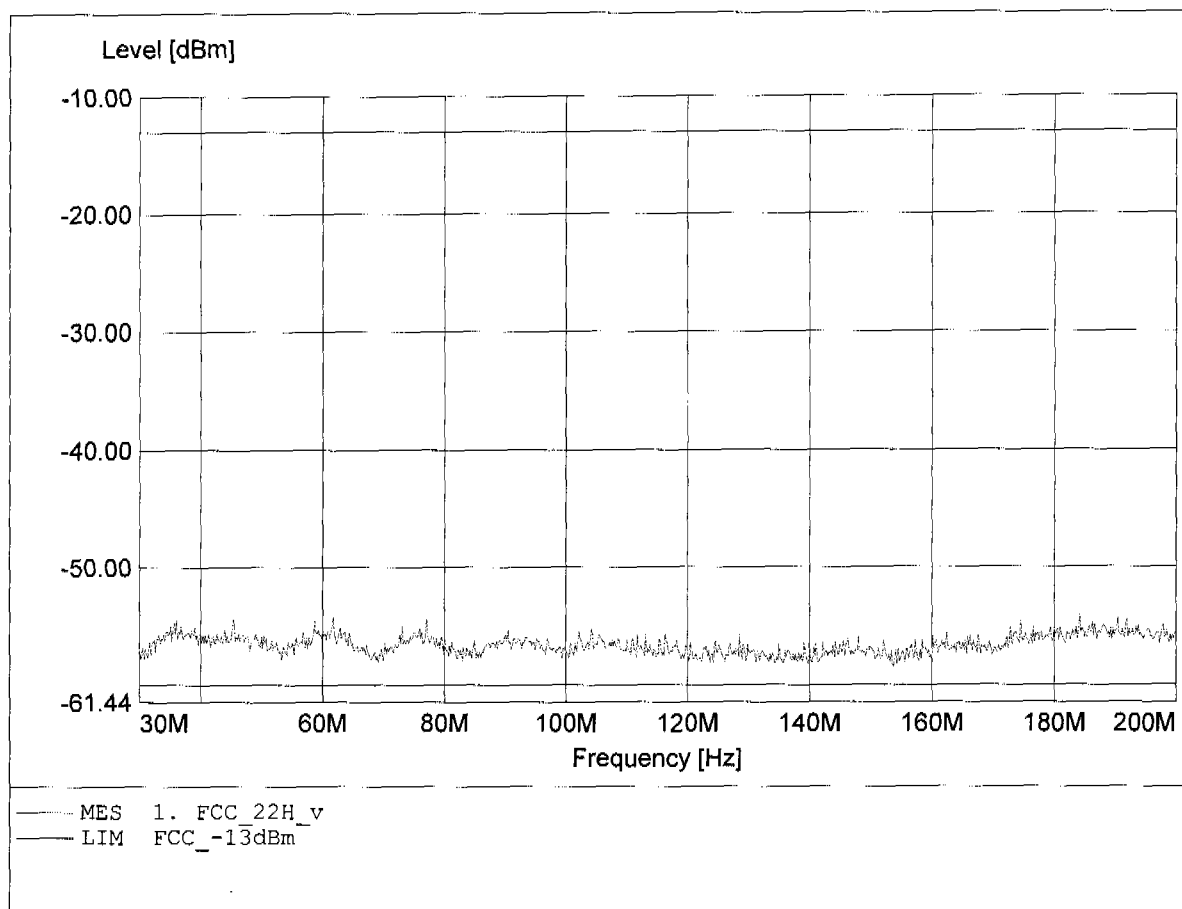
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.733GHz, Pmax: -40.02dBm, RBW: 1MHz



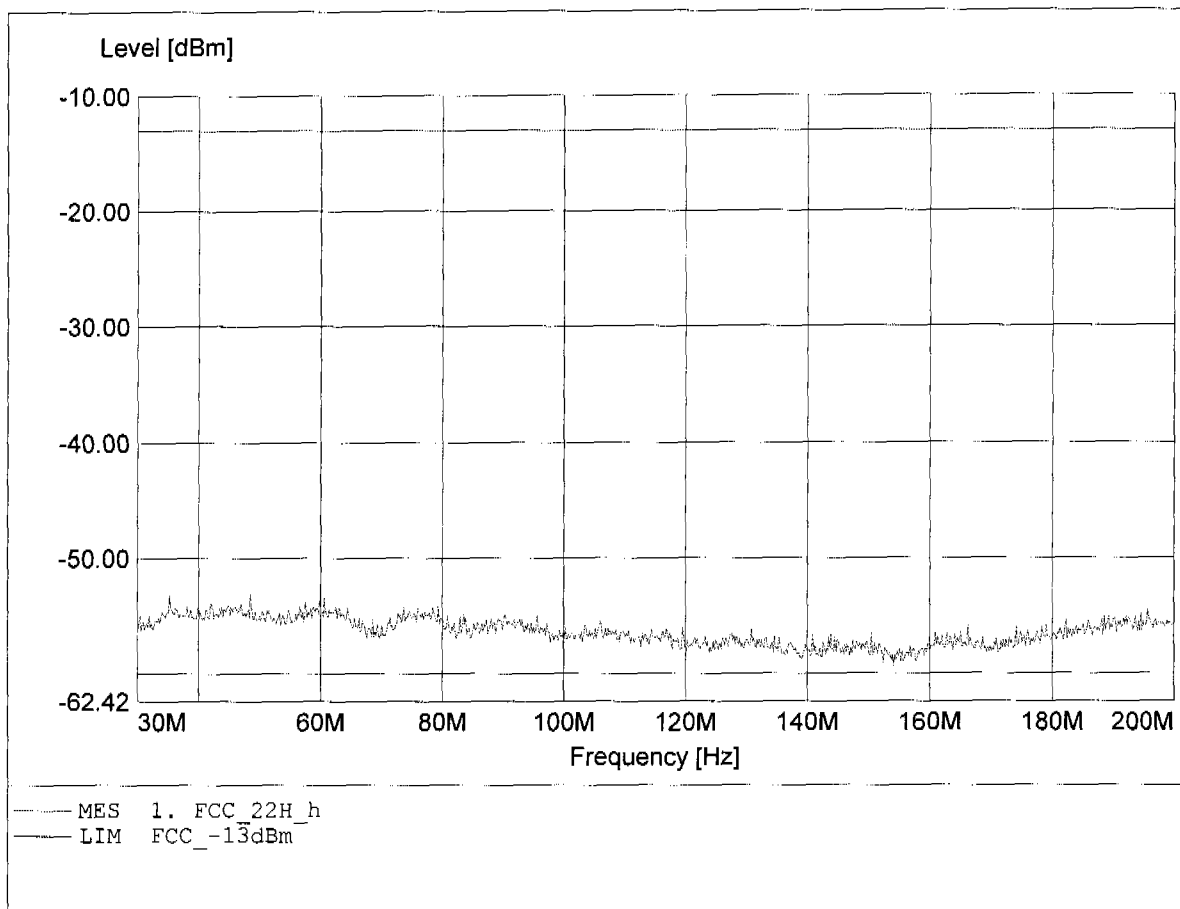
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 184.133MHz, Pmax: -54.01dBm, RBW: 1MHz



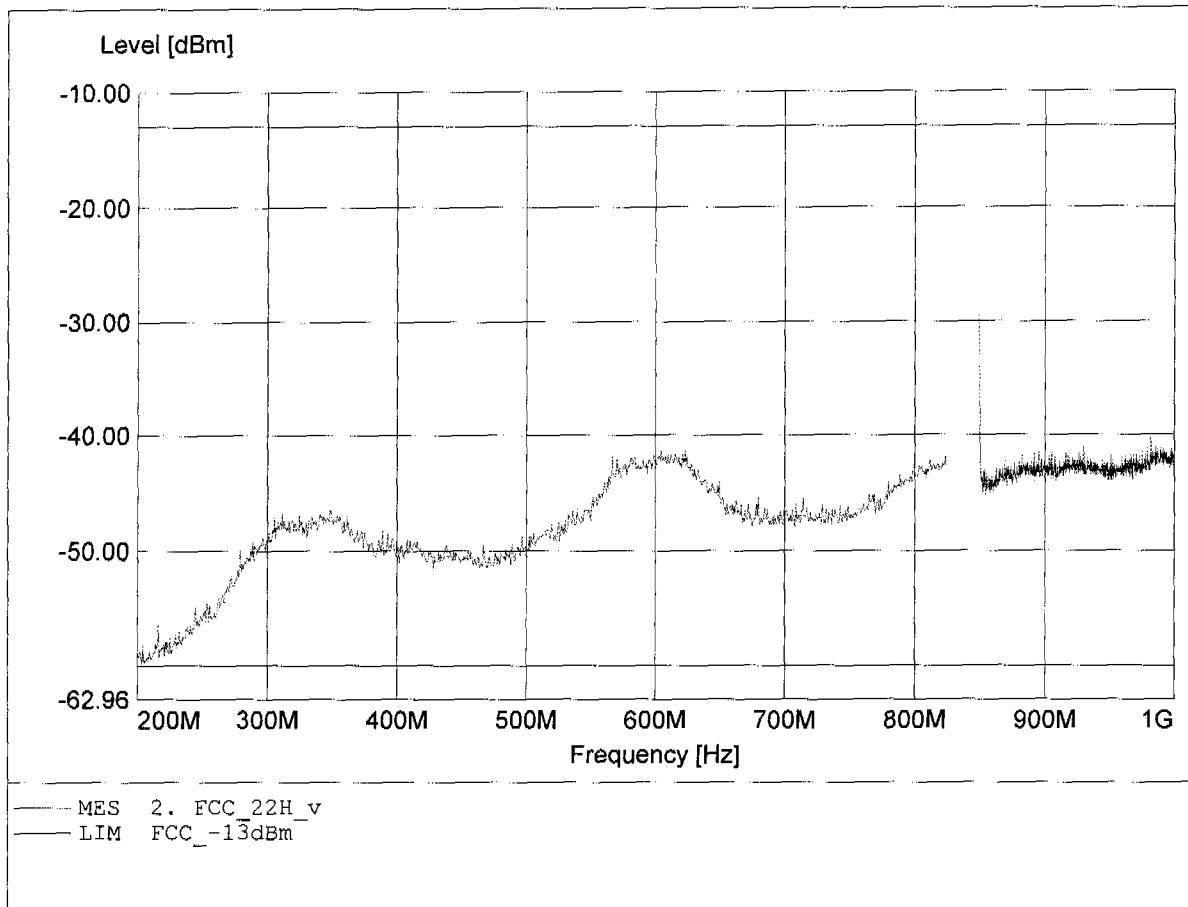
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 48.511MHz, Pmax: -52.98dBm, RBW: 1MHz



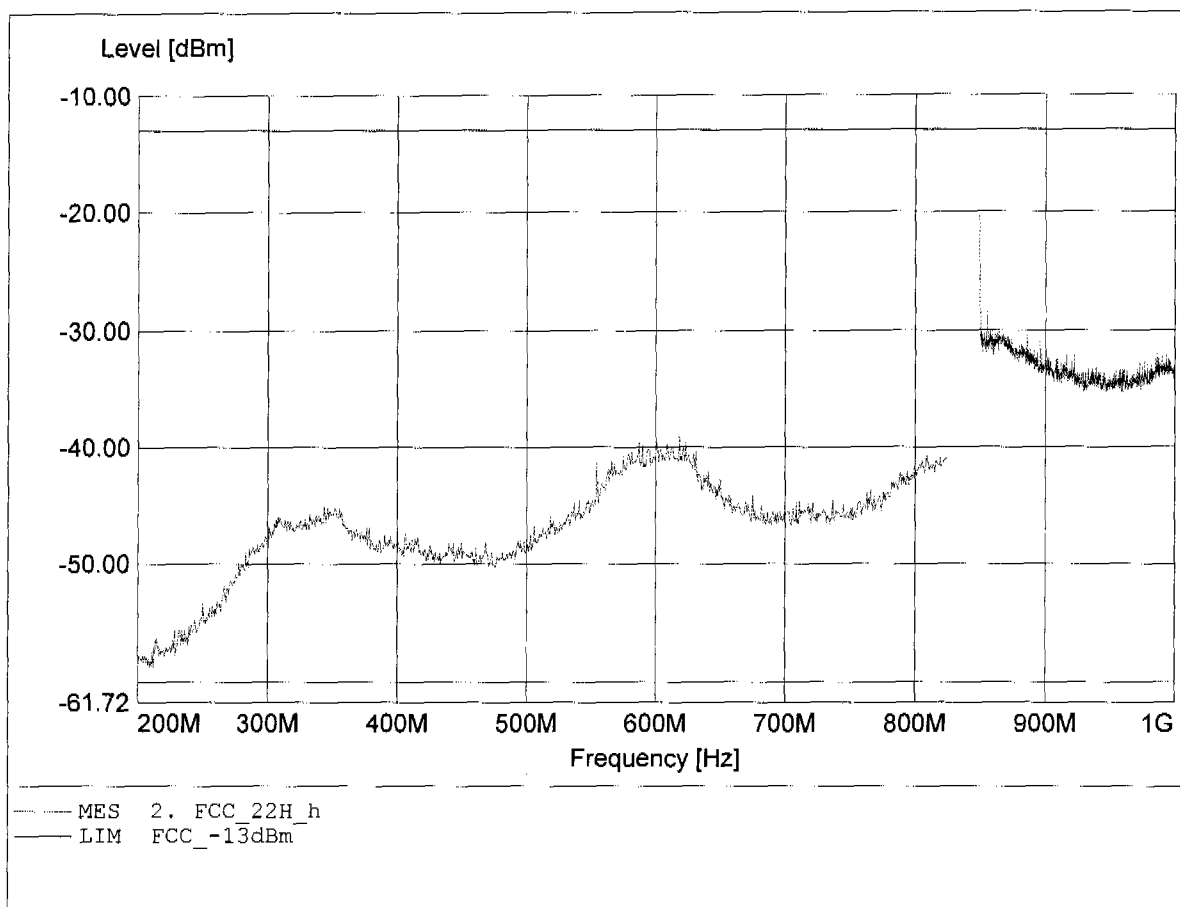
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.000MHz, Pmax: -29.24dBm, RBW: 1MHz



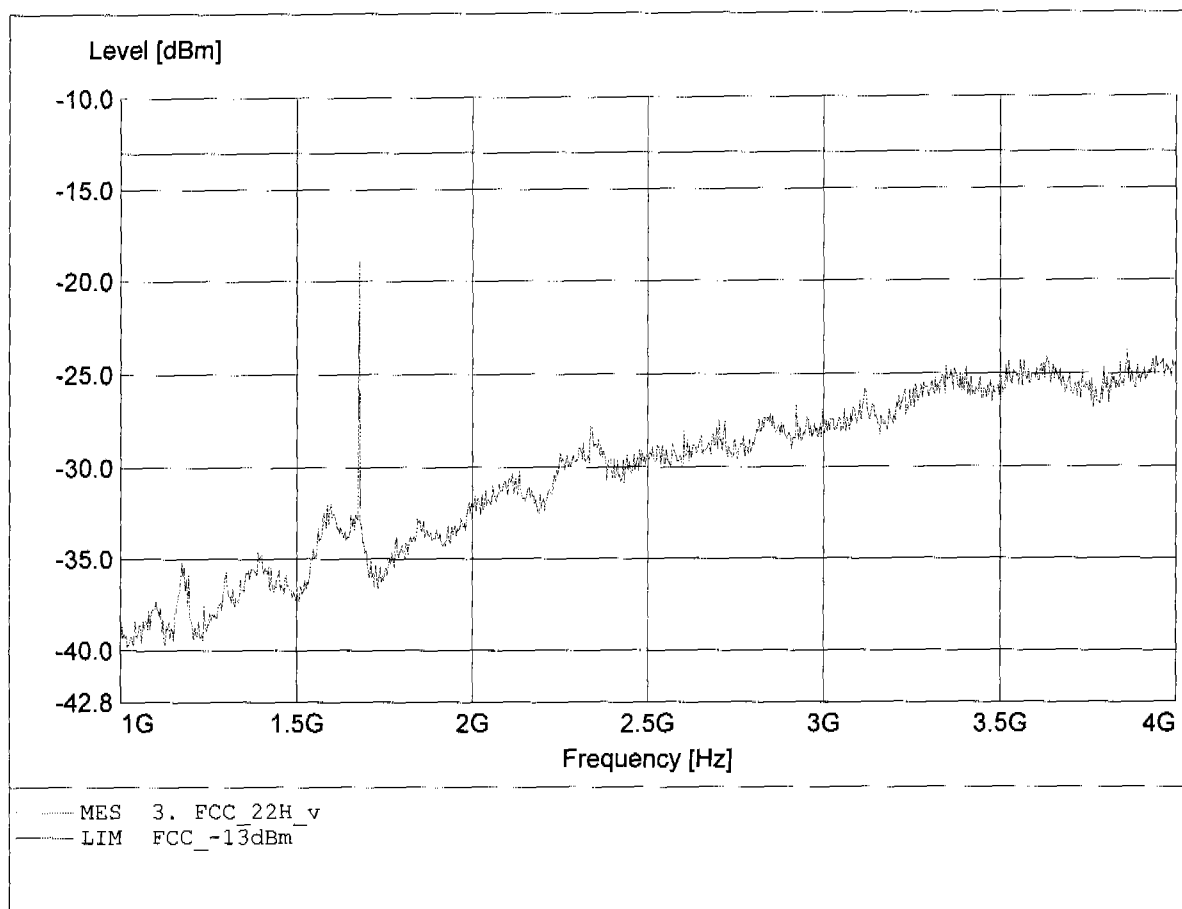
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.000MHz, Pmax: -20.34dBm, RBW: 1MHz



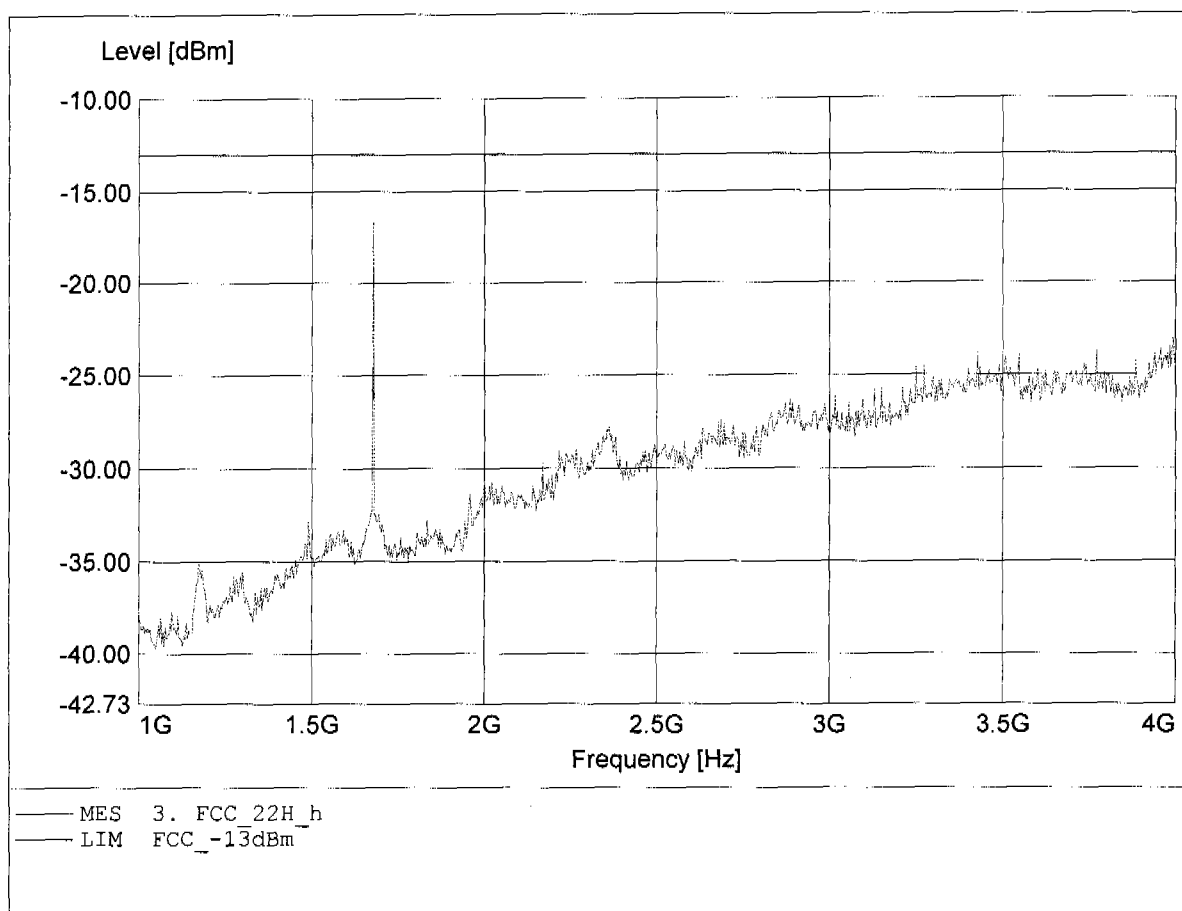
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -18.94dBm, RBW: 1MHz



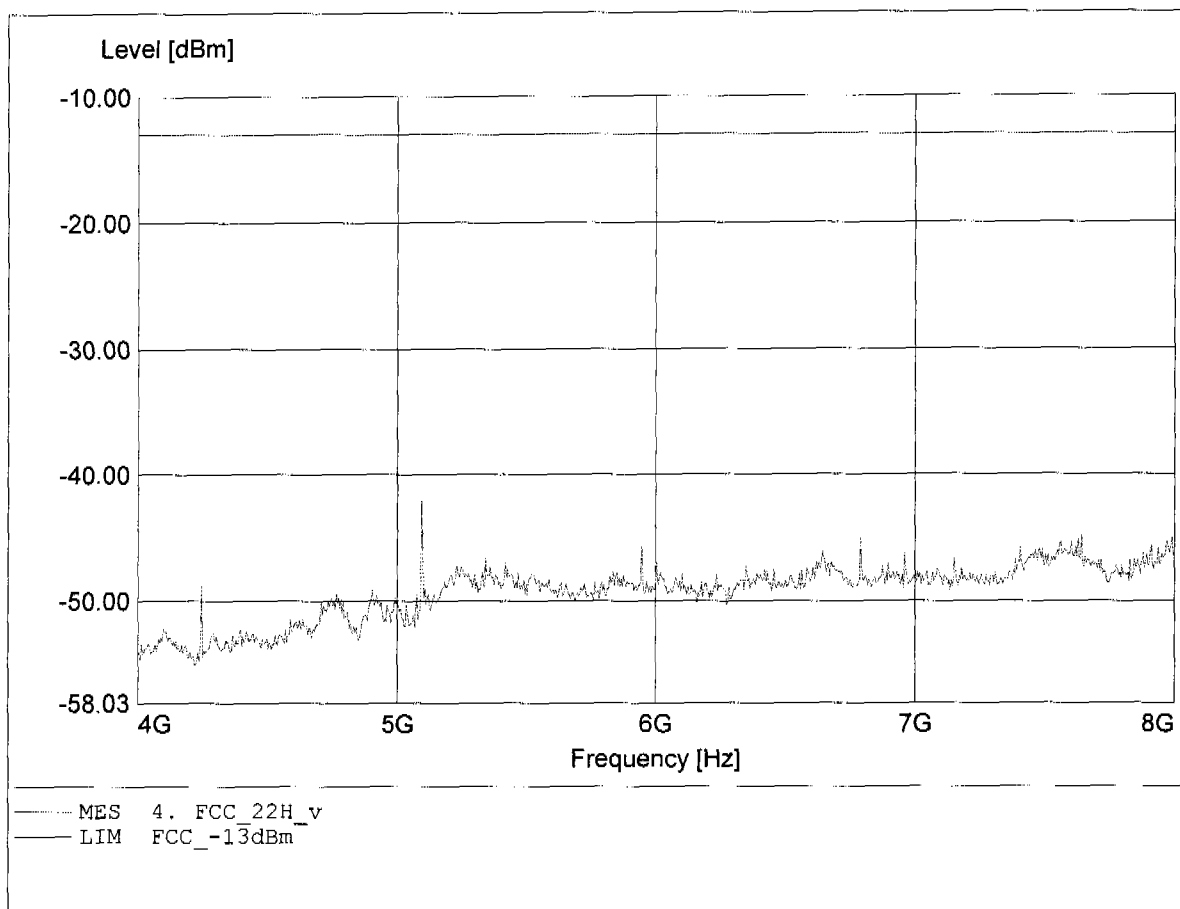
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -16.59dBm, RBW: 1MHz



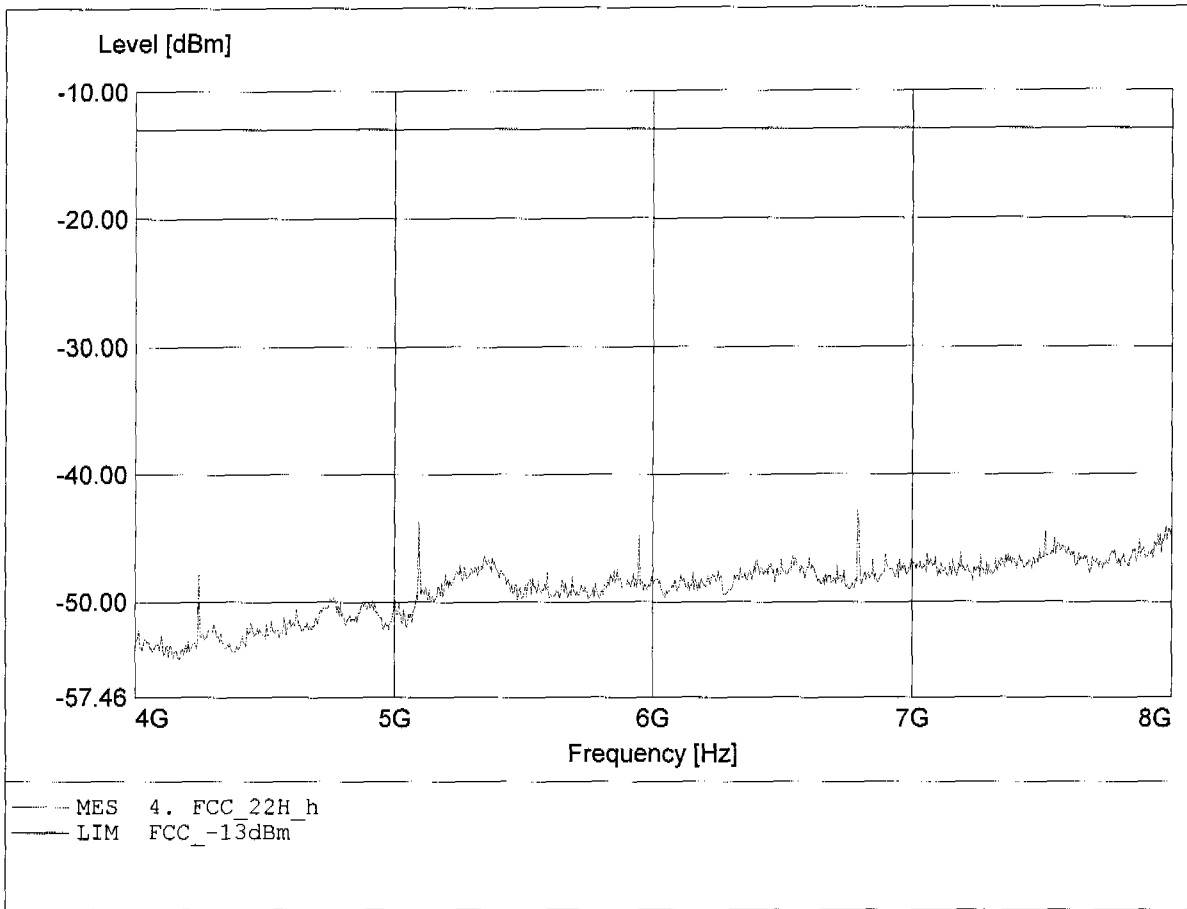
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.093GHz, Pmax: -42.00dBm, RBW: 1MHz



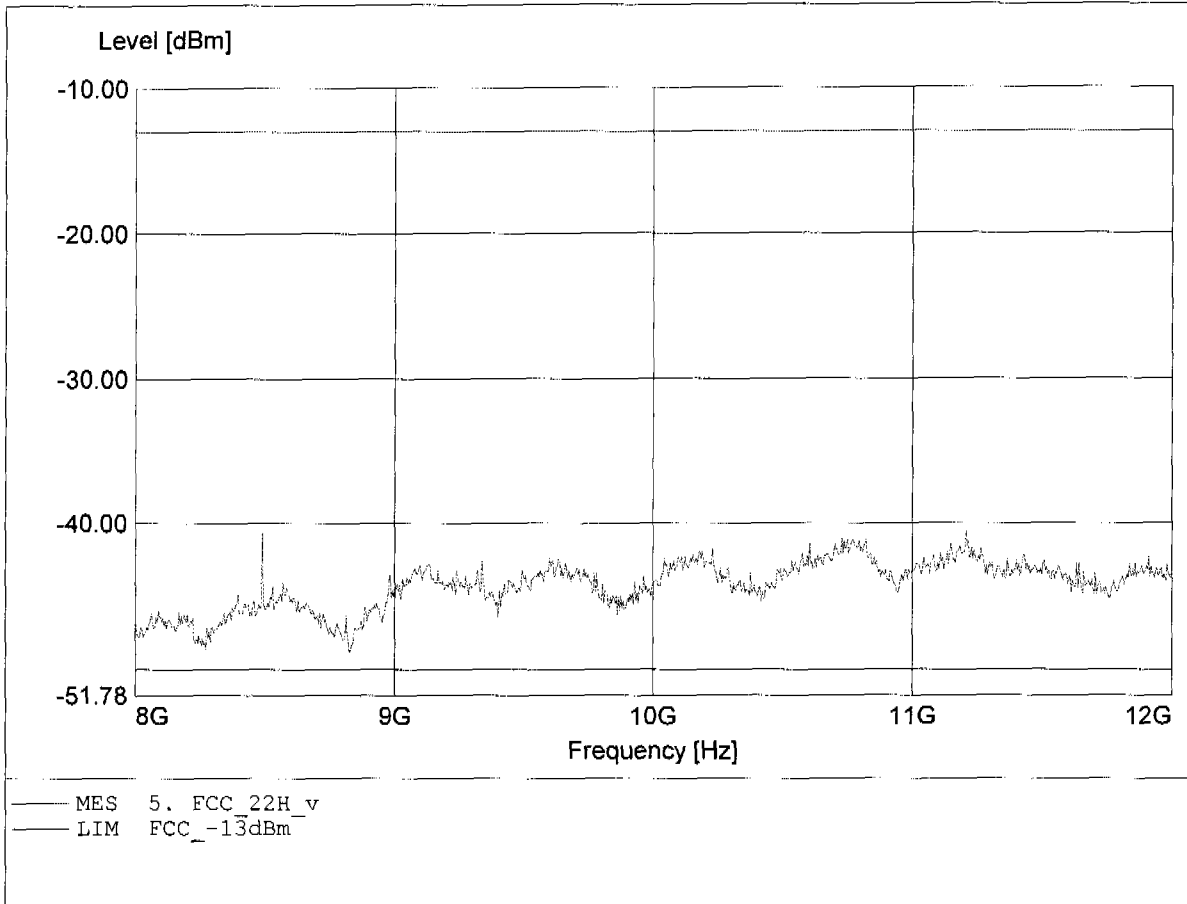
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.791GHz, Pmax: -42.83dBm, RBW: 1MHz



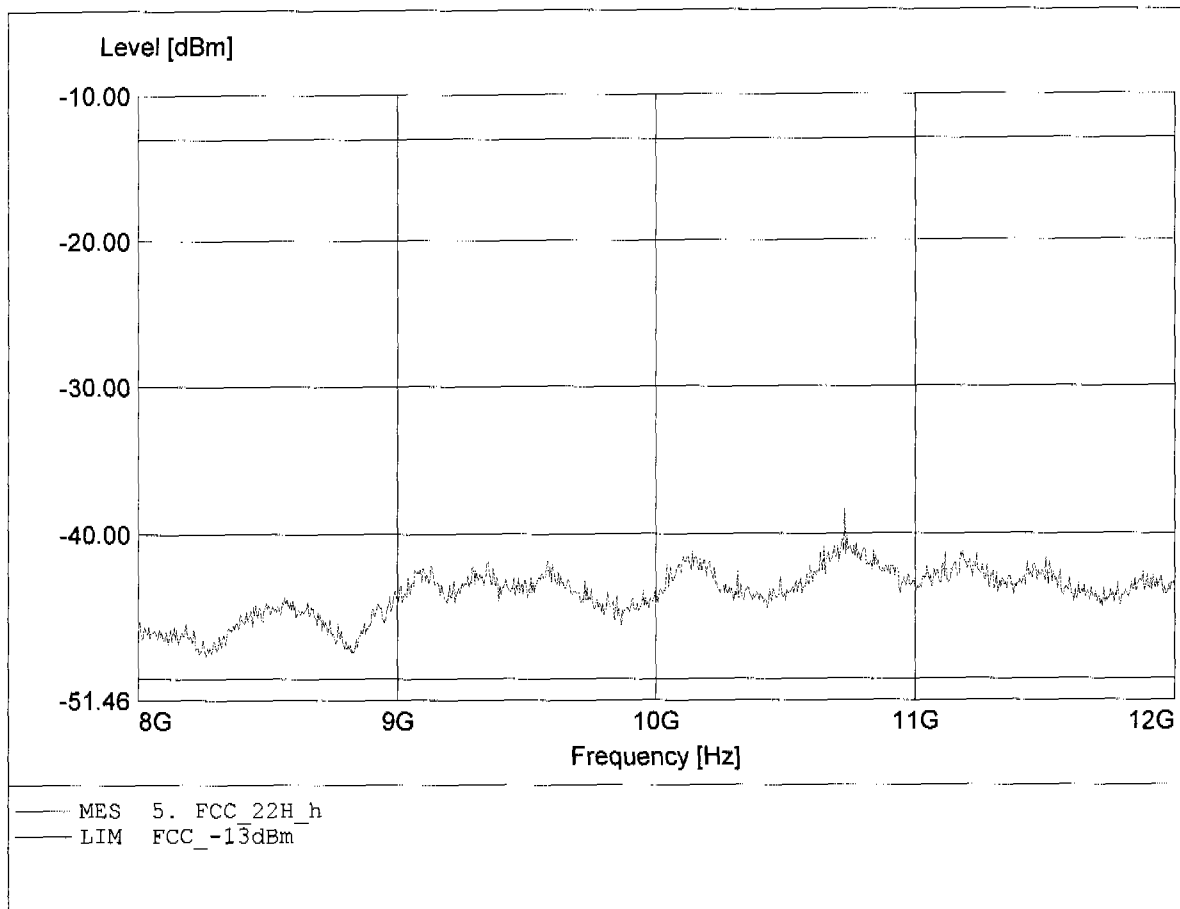
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.204GHz, Pmax: -40.50dBm, RBW: 1MHz



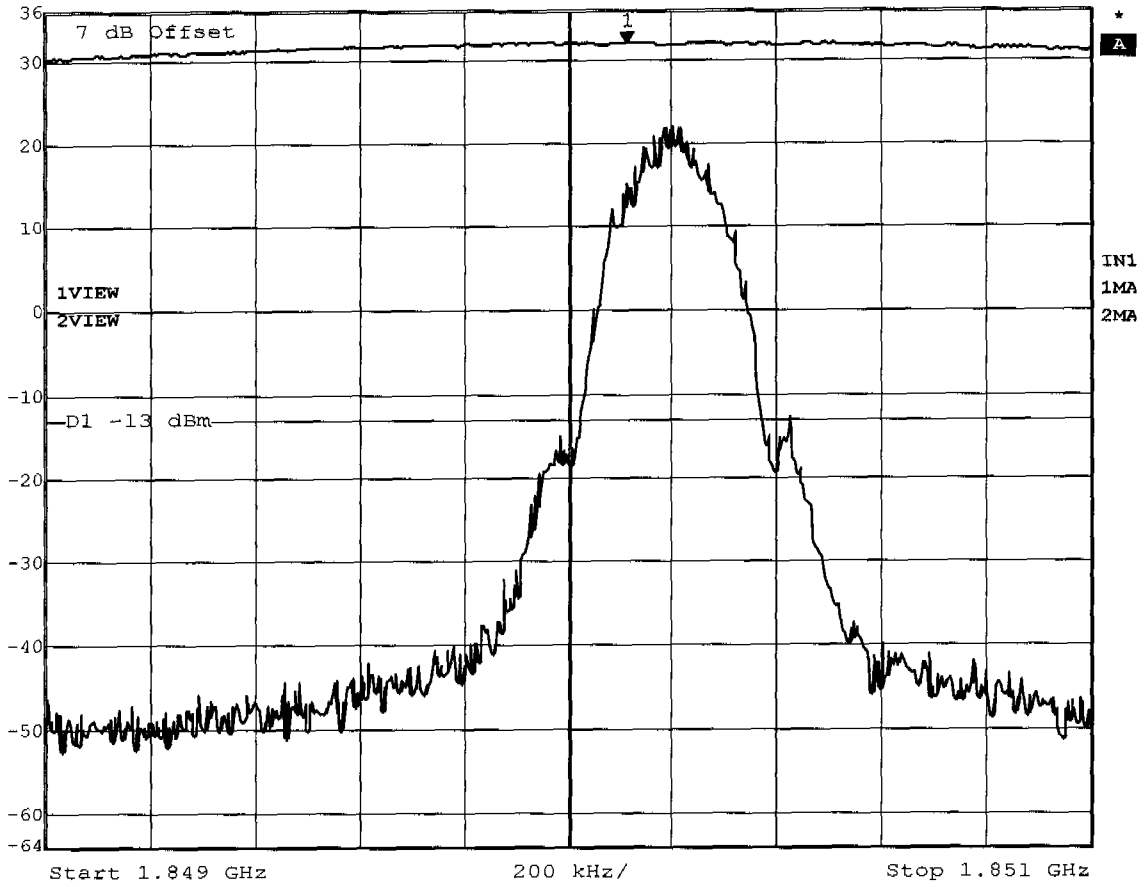
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.729GHz, Pmax: -38.31dBm, RBW: 1MHz





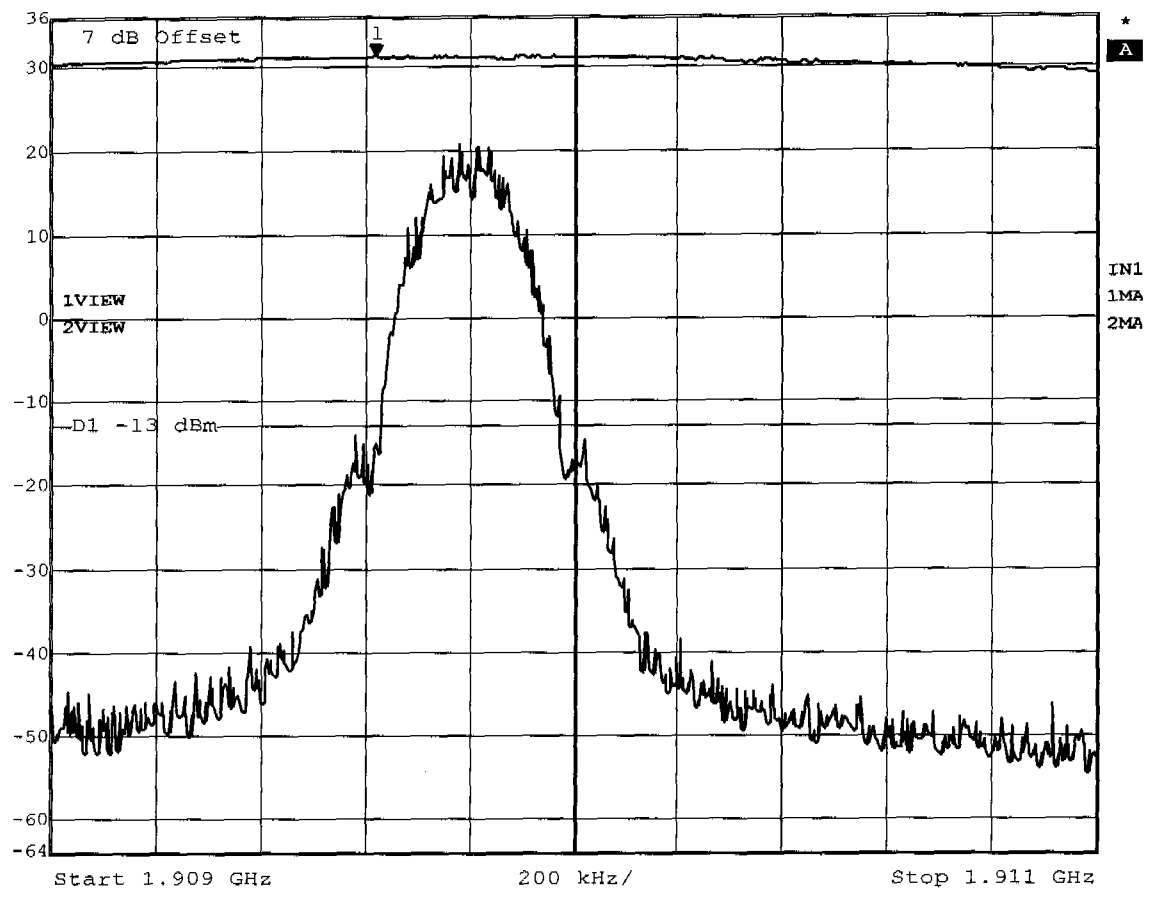
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 31.95 dBm VBW 3 kHz
36 dBm 1.85011423 GHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Comment A: MC3000NA
Date: 30.DEC.2003 12:43:34



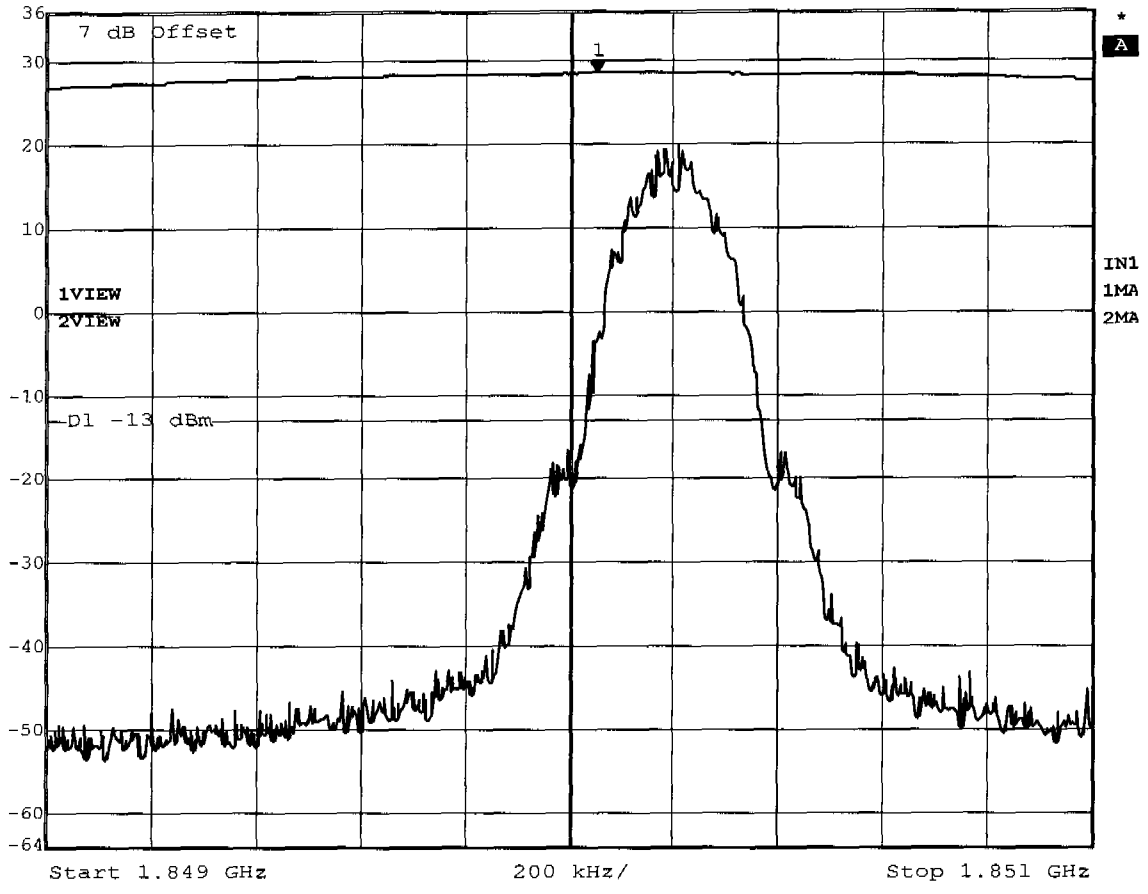
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 31.04 dBm VBW 3 kHz
36 dBm 1.90962124 GHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Comment A: MC3000NA
Date: 30.DEC.2003 12:42:22



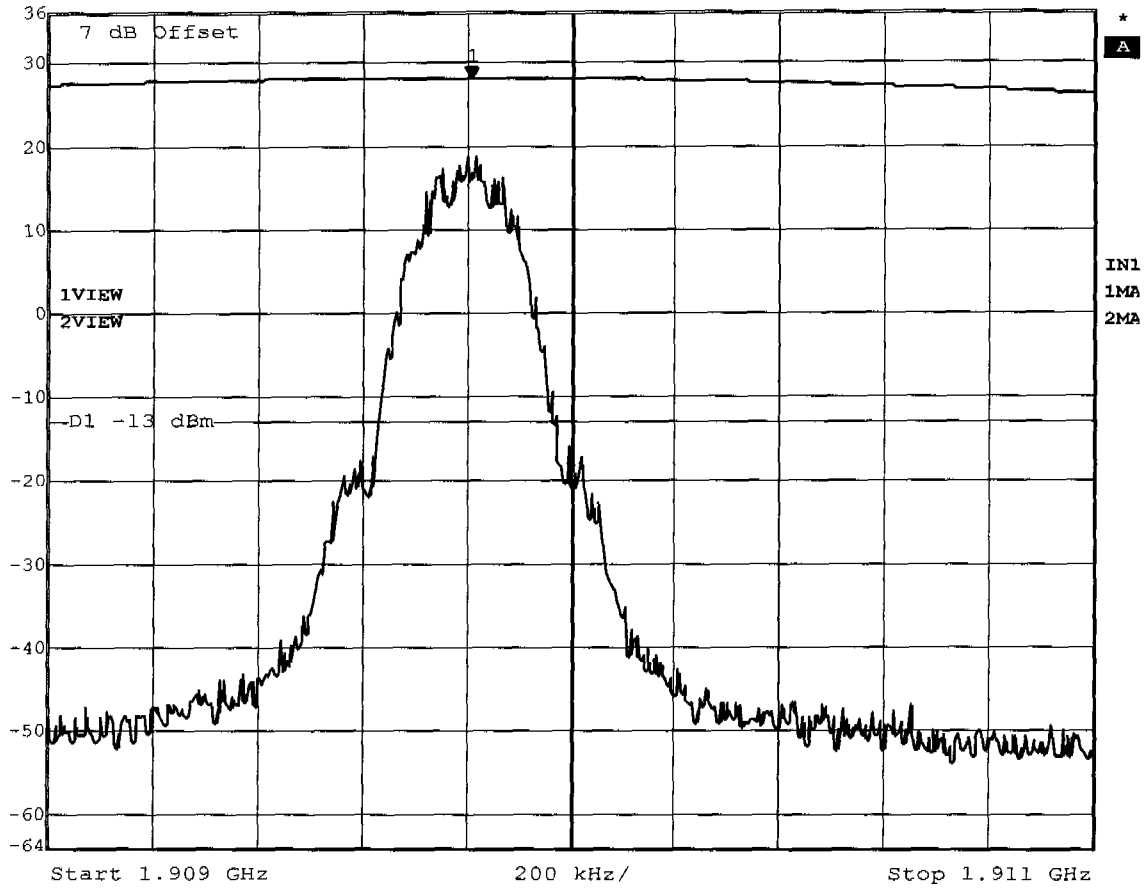
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 28.26 dBm VBW 3 kHz
36 dBm 1.85005411 GHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Comment A: siemens cingular
Date: 30.DEC.2003 11:23:28



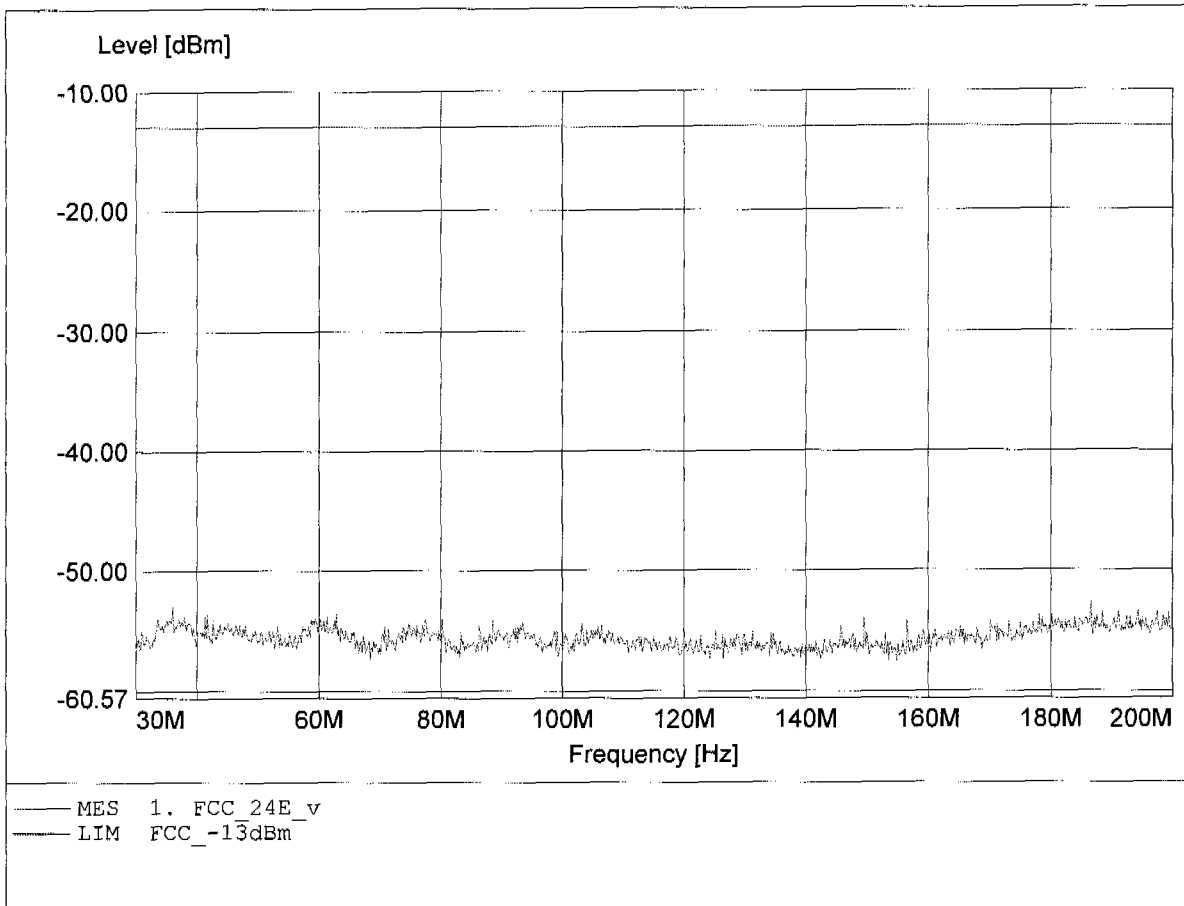
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 27.91 dBm VBW 3 kHz
36 dBm 1.90980962 GHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Comment A: siemens cingular
Date: 30.DEC.2003 11:25:02

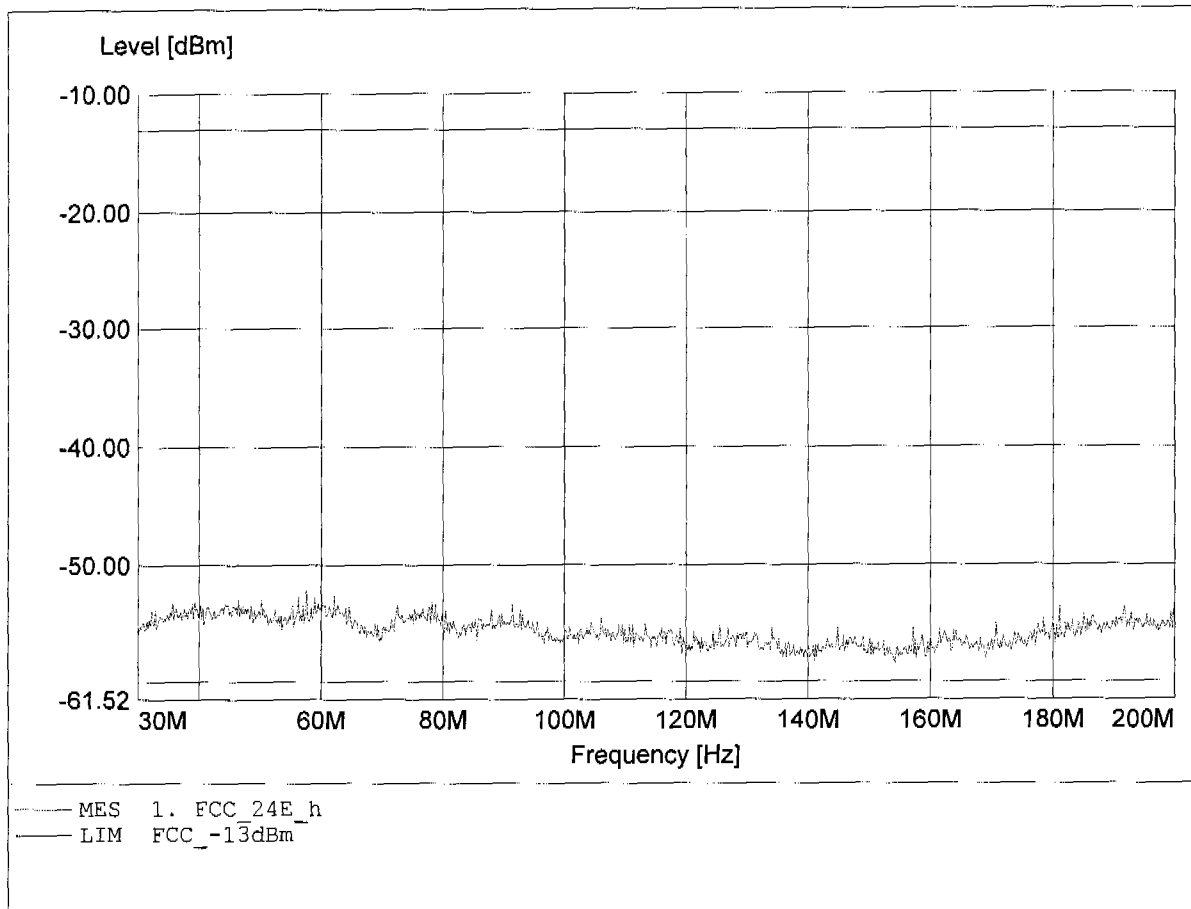
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 186.589MHz, Pmax: -52.64dBm, RBW: 1MHz



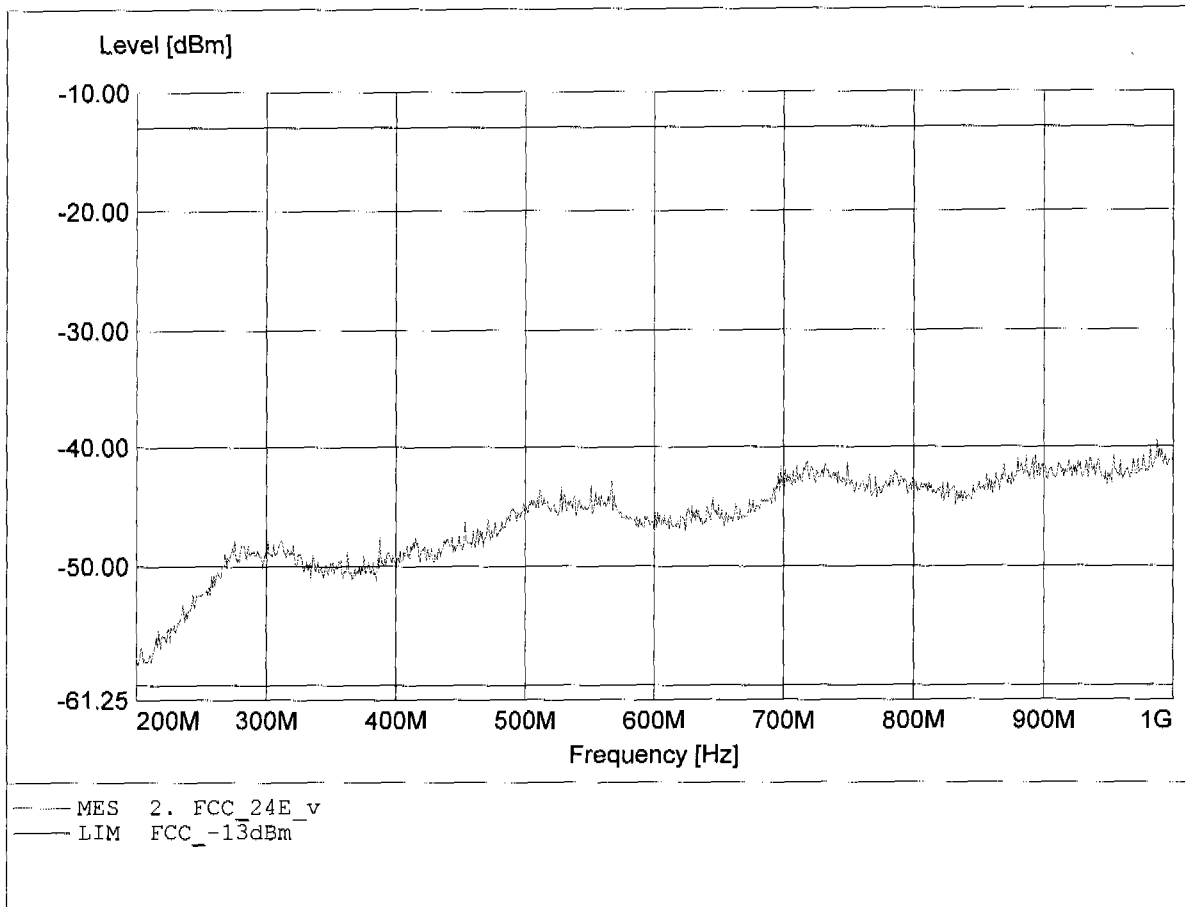
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 57.578MHz, Pmax: -52.01dBm, RBW: 1MHz



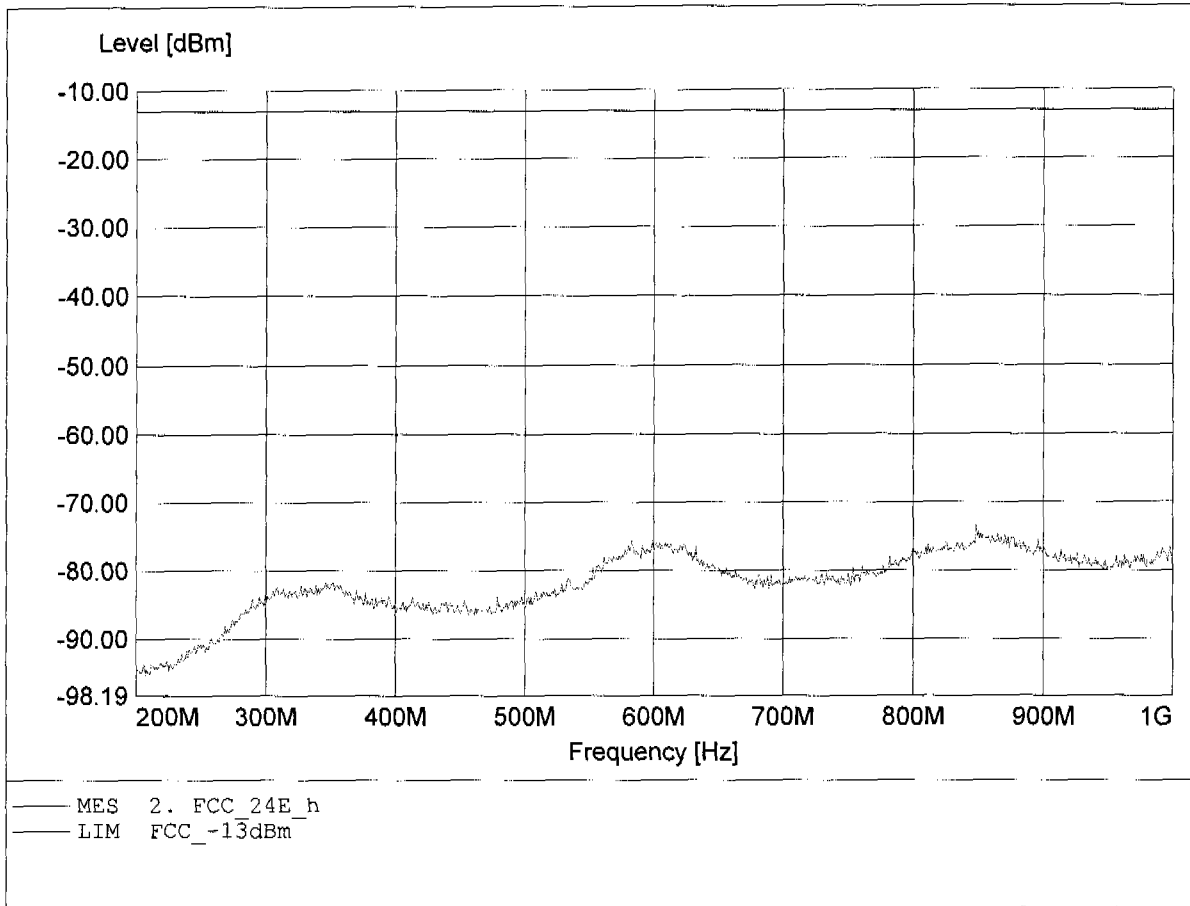
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 987.556MHz, Pmax: -39.38dBm, RBW: 1MHz



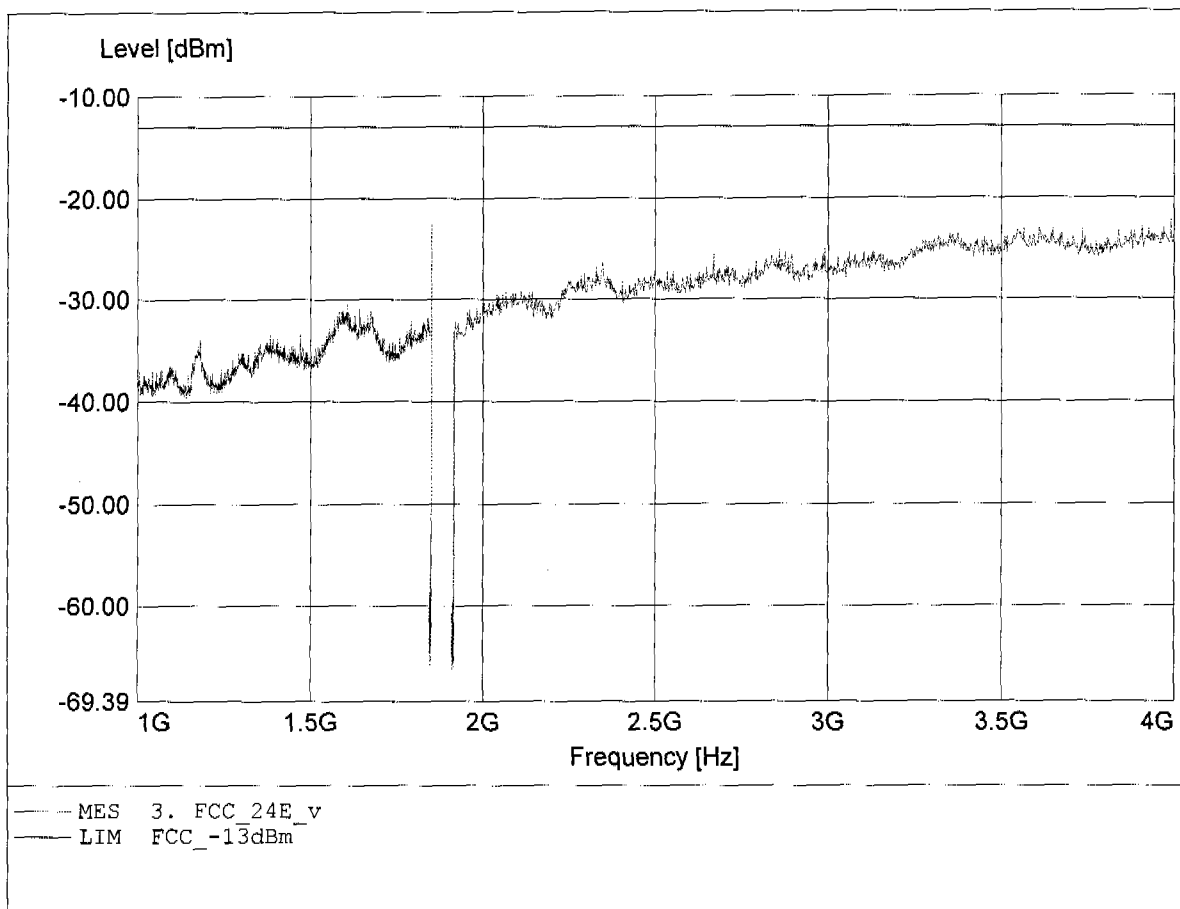
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 848.000MHz, Pmax: -73.31dBm, RBW: 1MHz



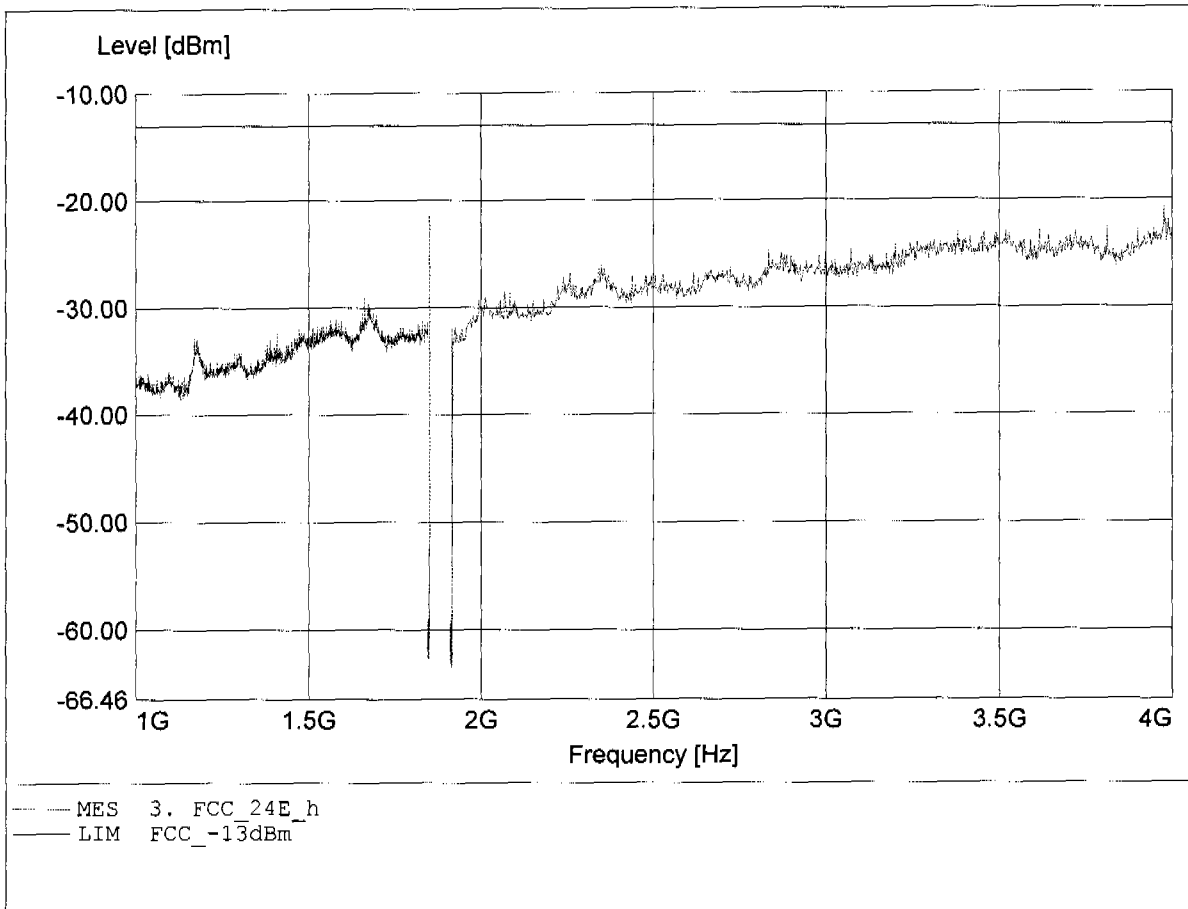
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.991GHz, Pmax: -22.24dBm, RBW: 1MHz/3kHz



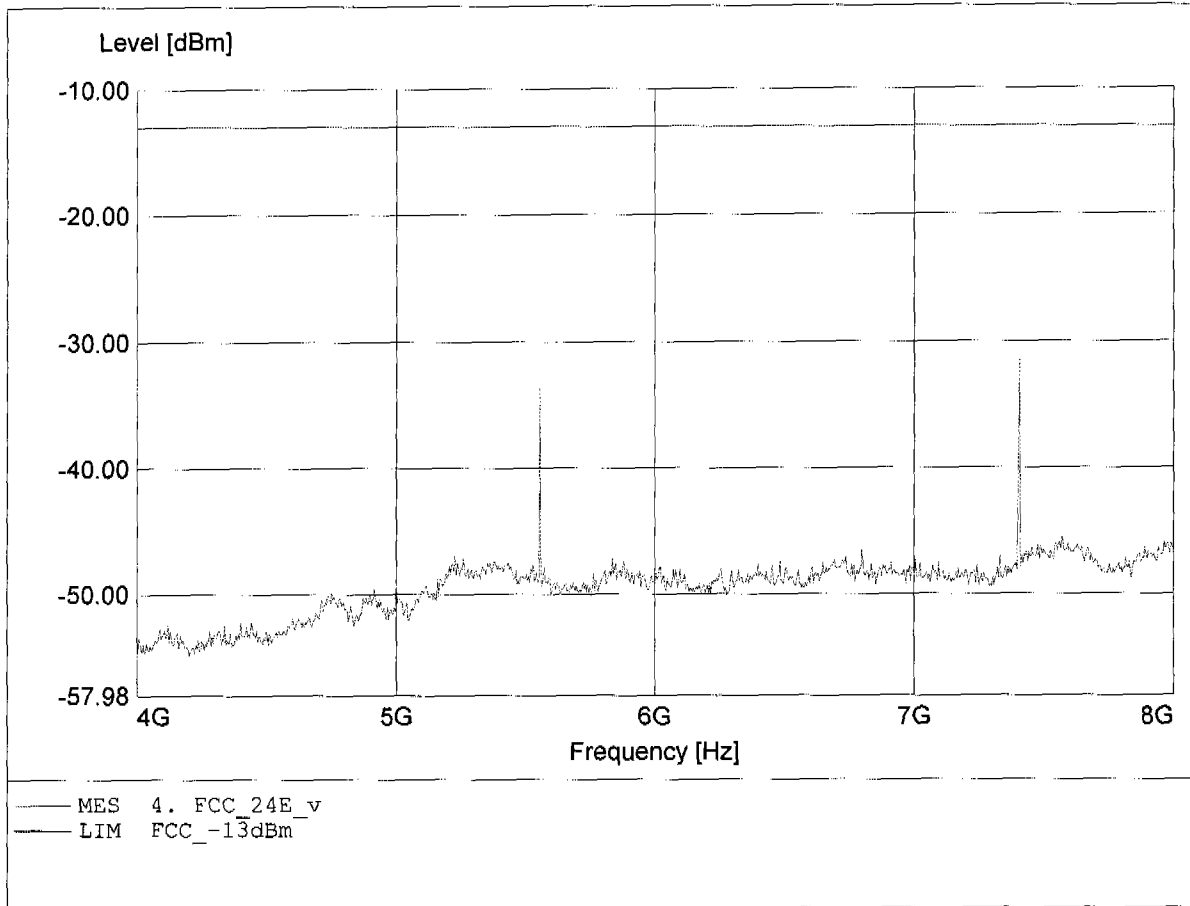
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.977GHz, Pmax: -20.82dBm, RBW: 1MHz/3kHz



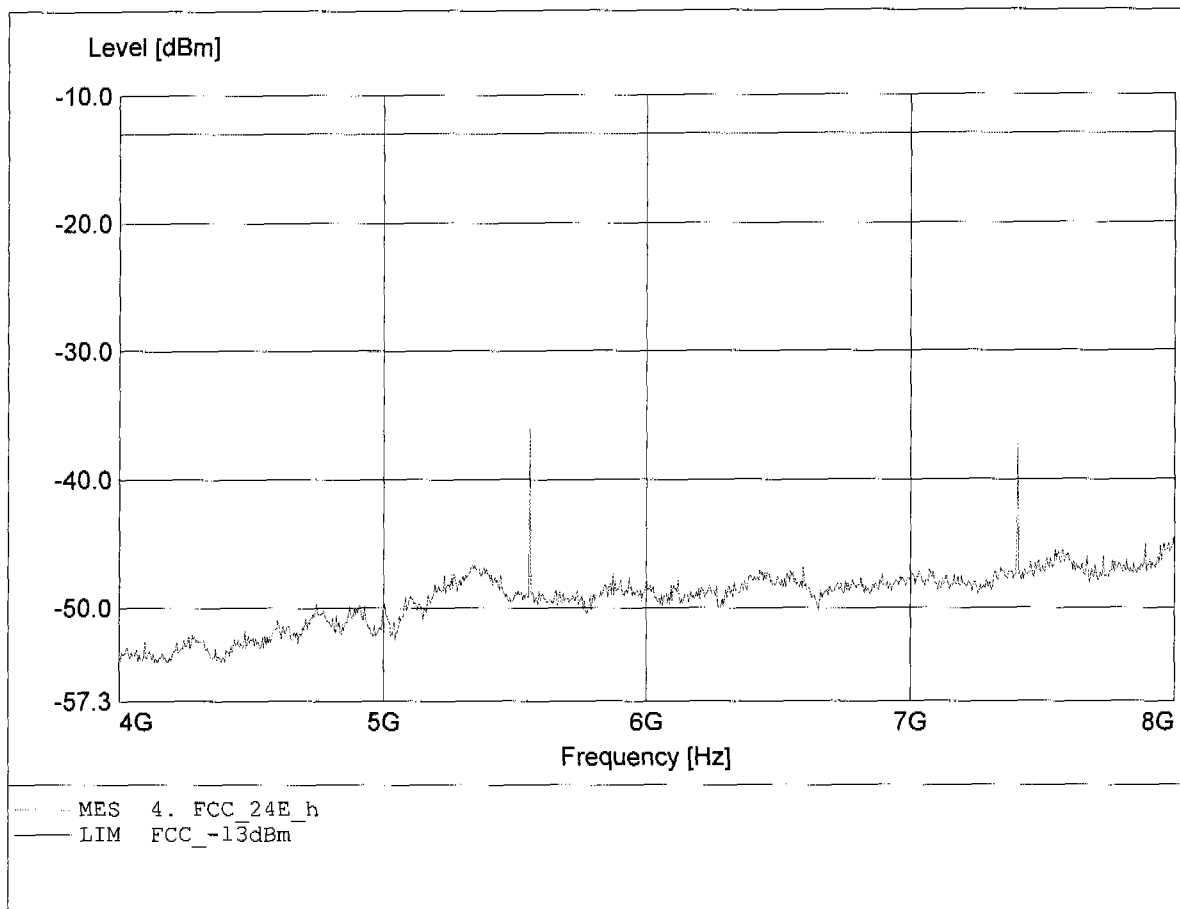
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -31.39dBm, RBW: 1MHz



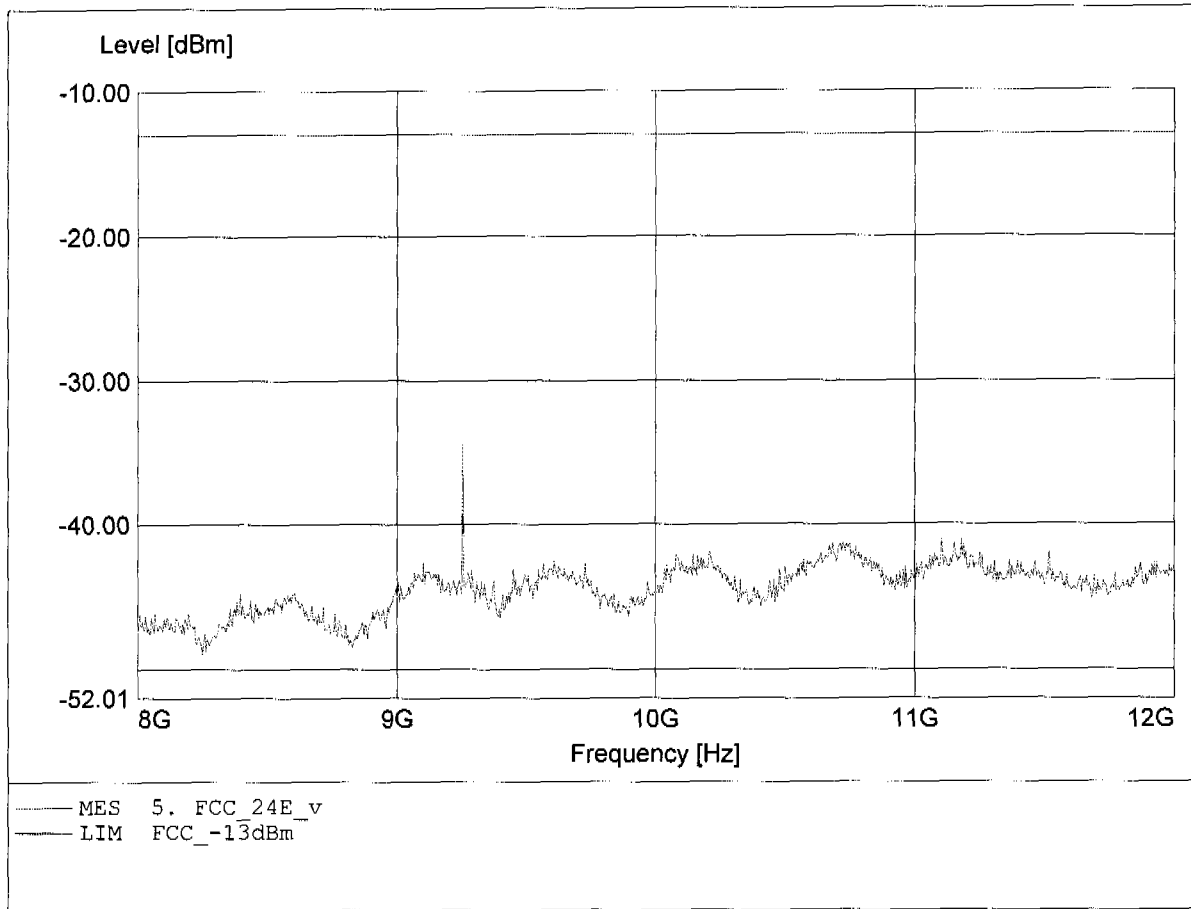
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -36.06dBm, RBW: 1MHz



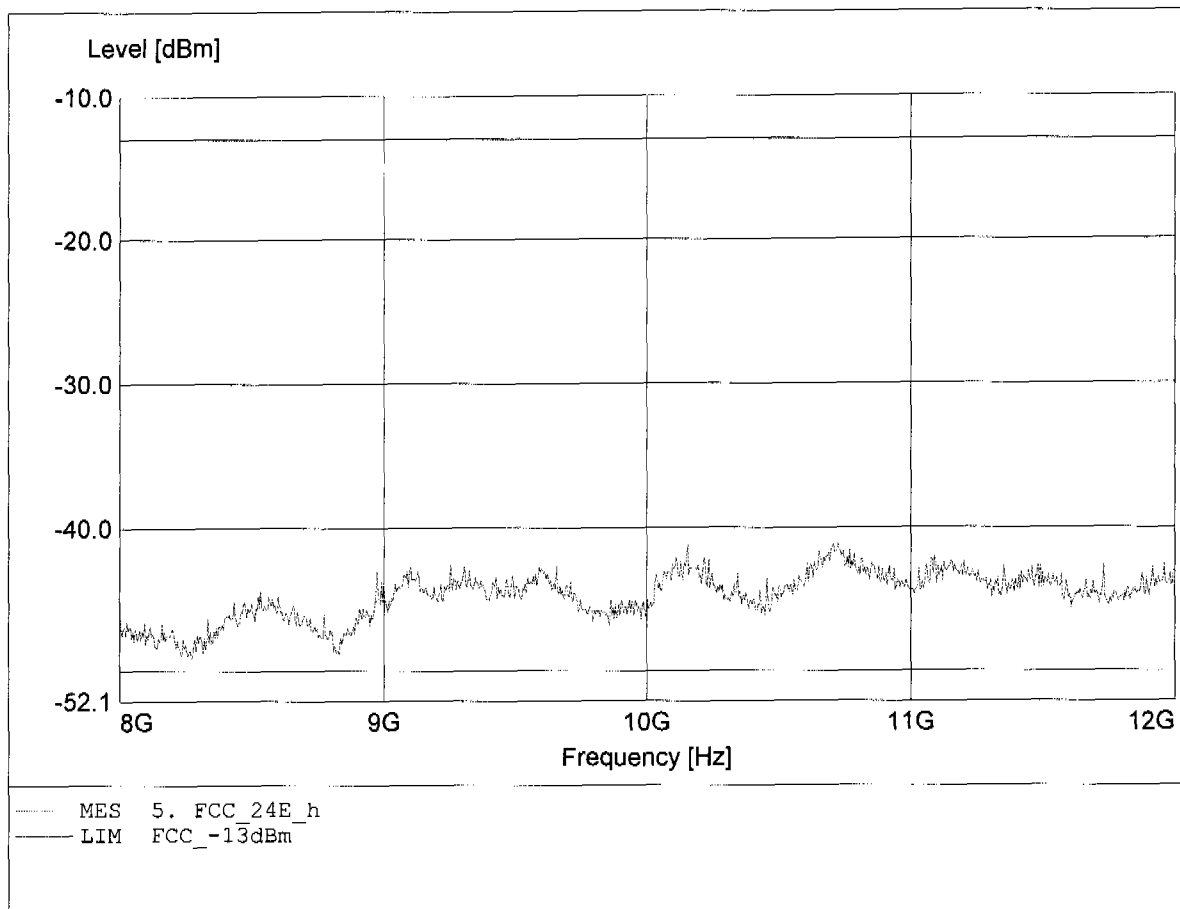
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -34.43dBm, RBW: 1MHz



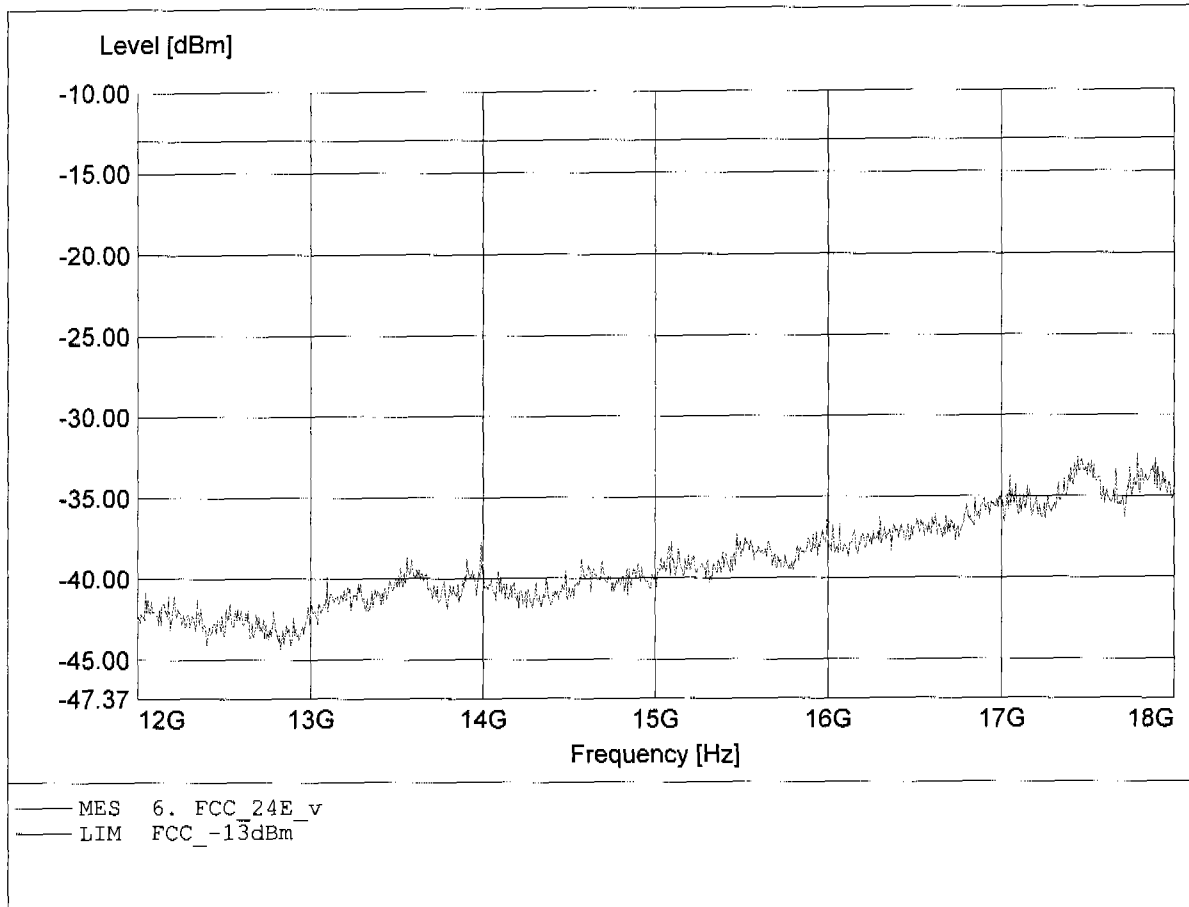
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.707GHz, Pmax: -41.09dBm, RBW: 1MHz



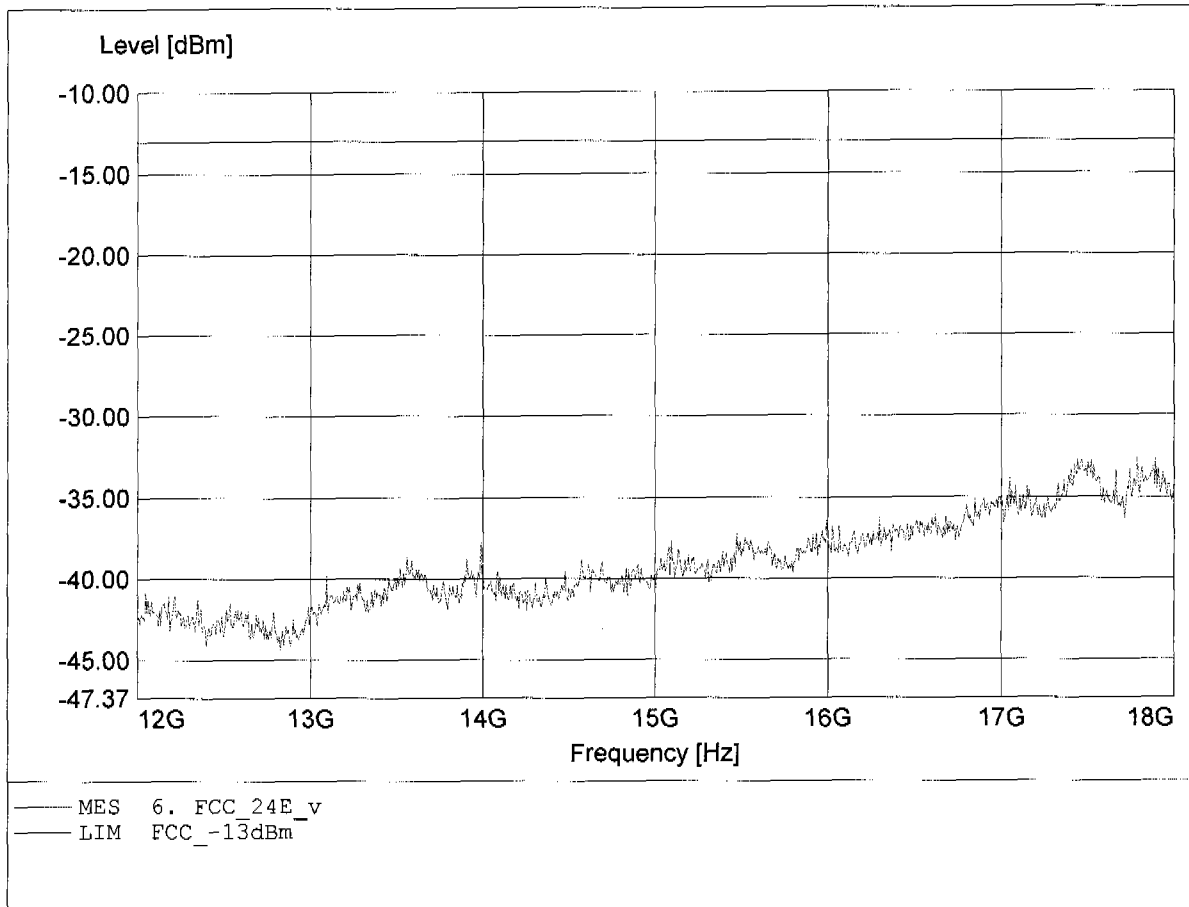
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.787GHz, Pmax: -32.29dBm, RBW: 1MHz



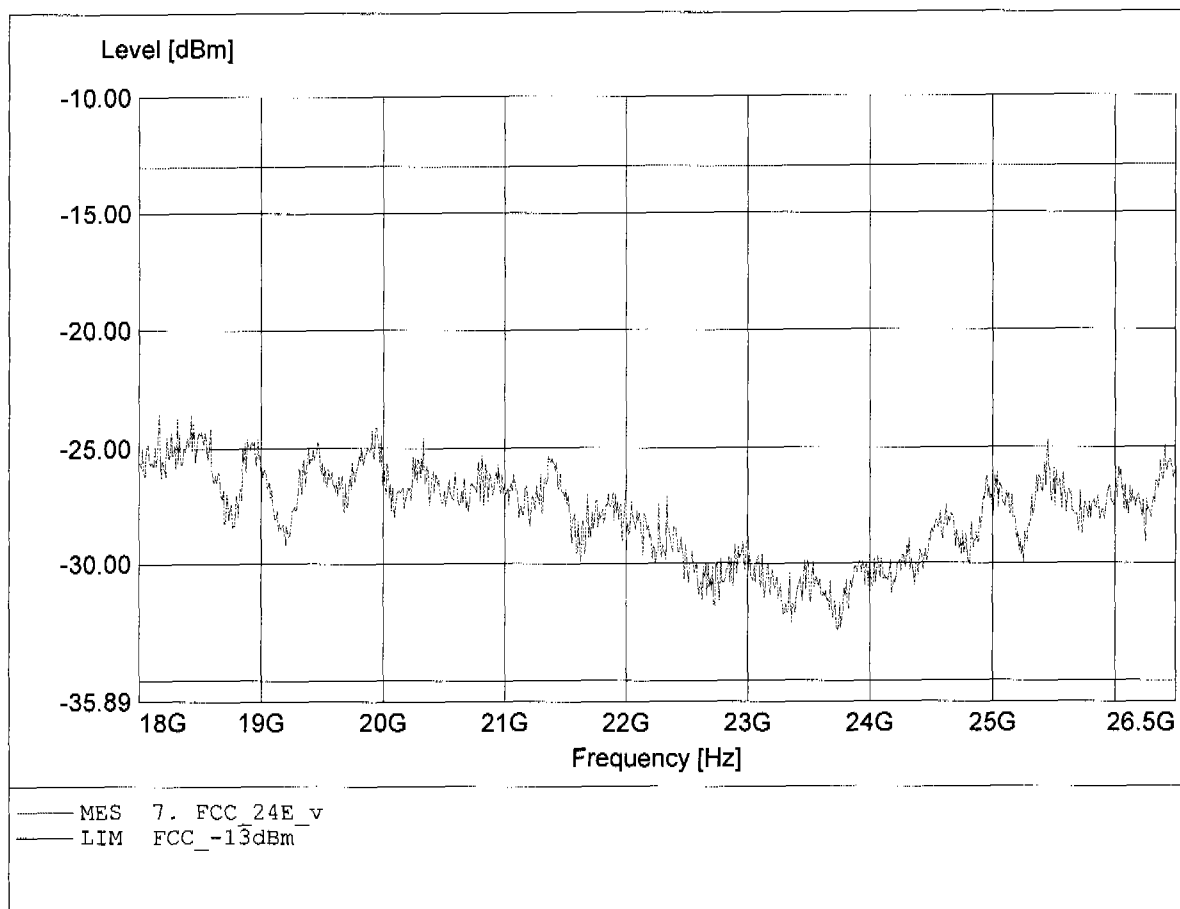
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.787GHz, Pmax: -32.45dBm, RBW: 1MHz



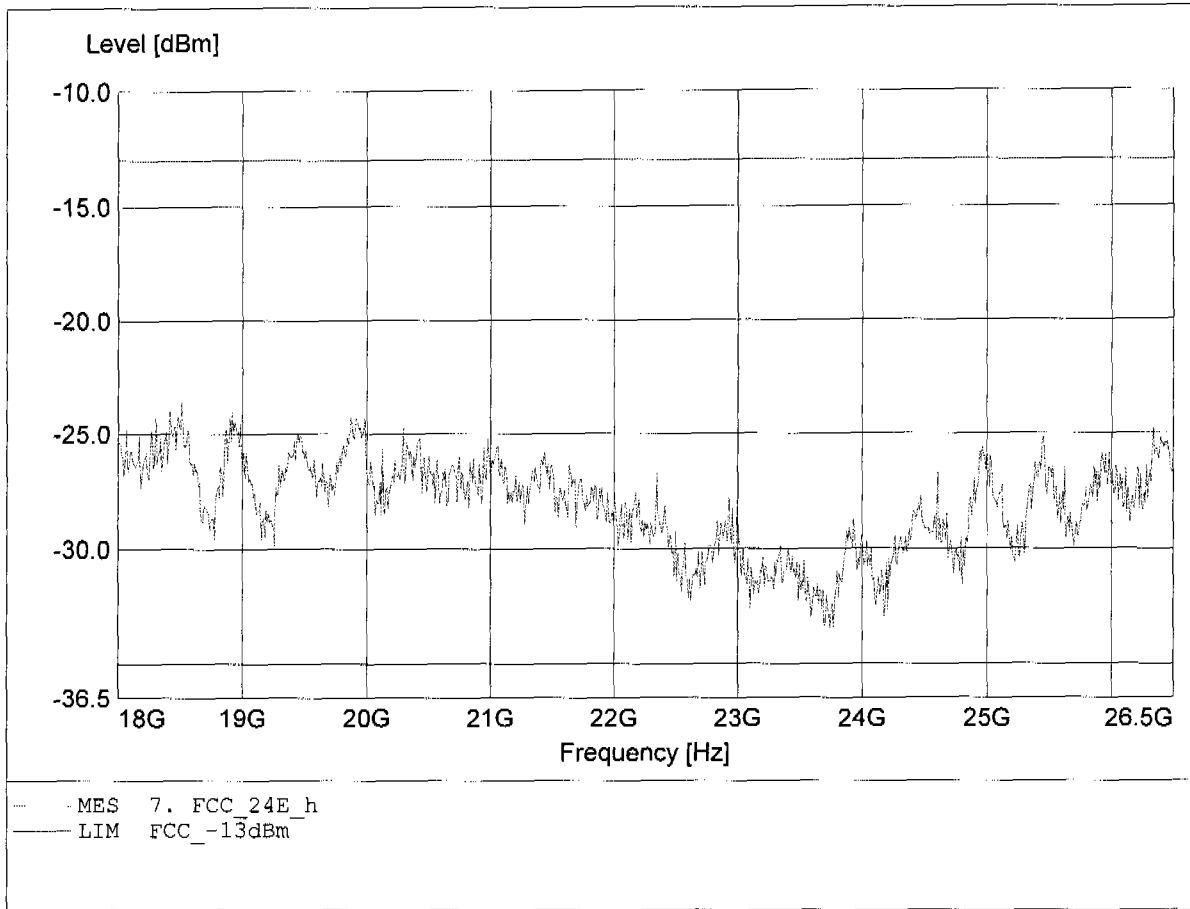
Radiated Emissions TX
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.161GHz, Pmax: -23.54dBm, RBW: 1MHz



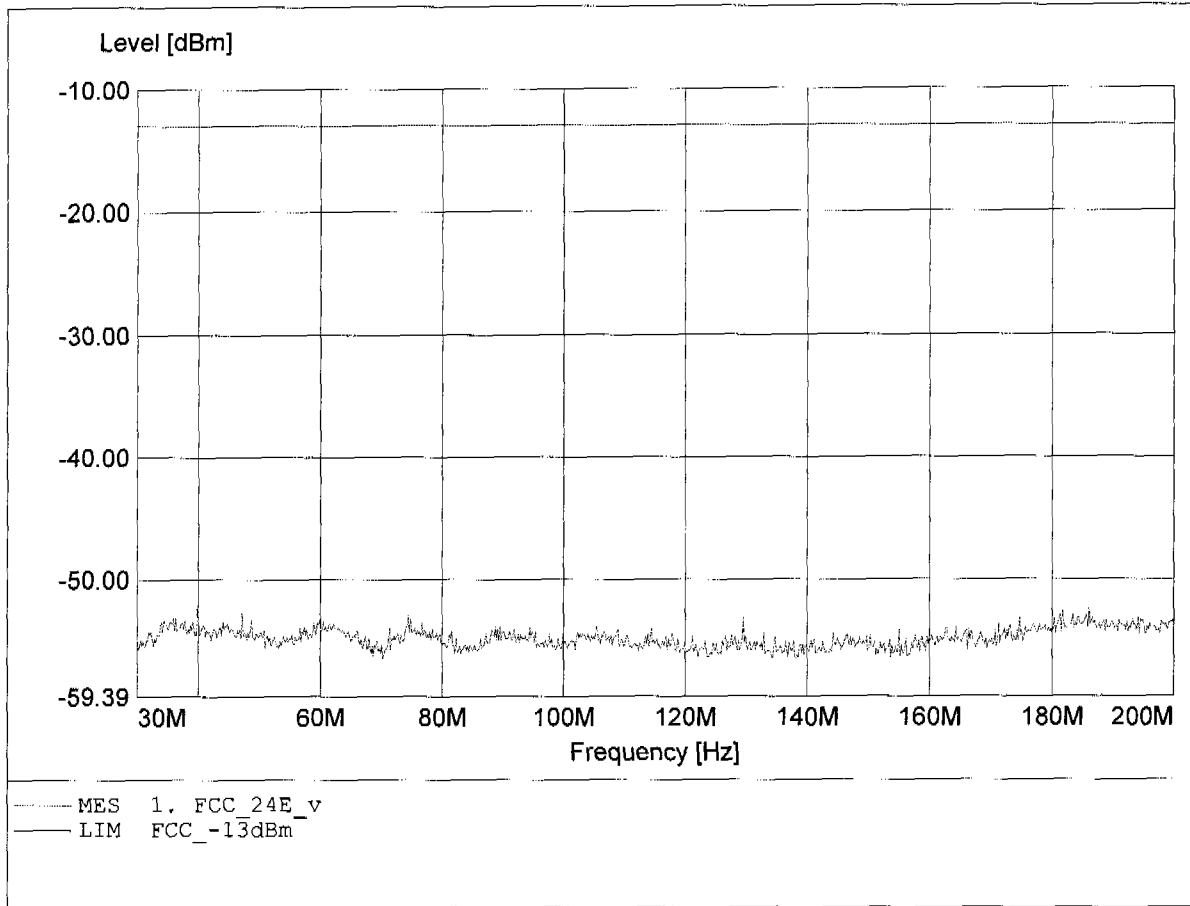
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.510GHz, Pmax: -23.59dBm, RBW: 1MHz



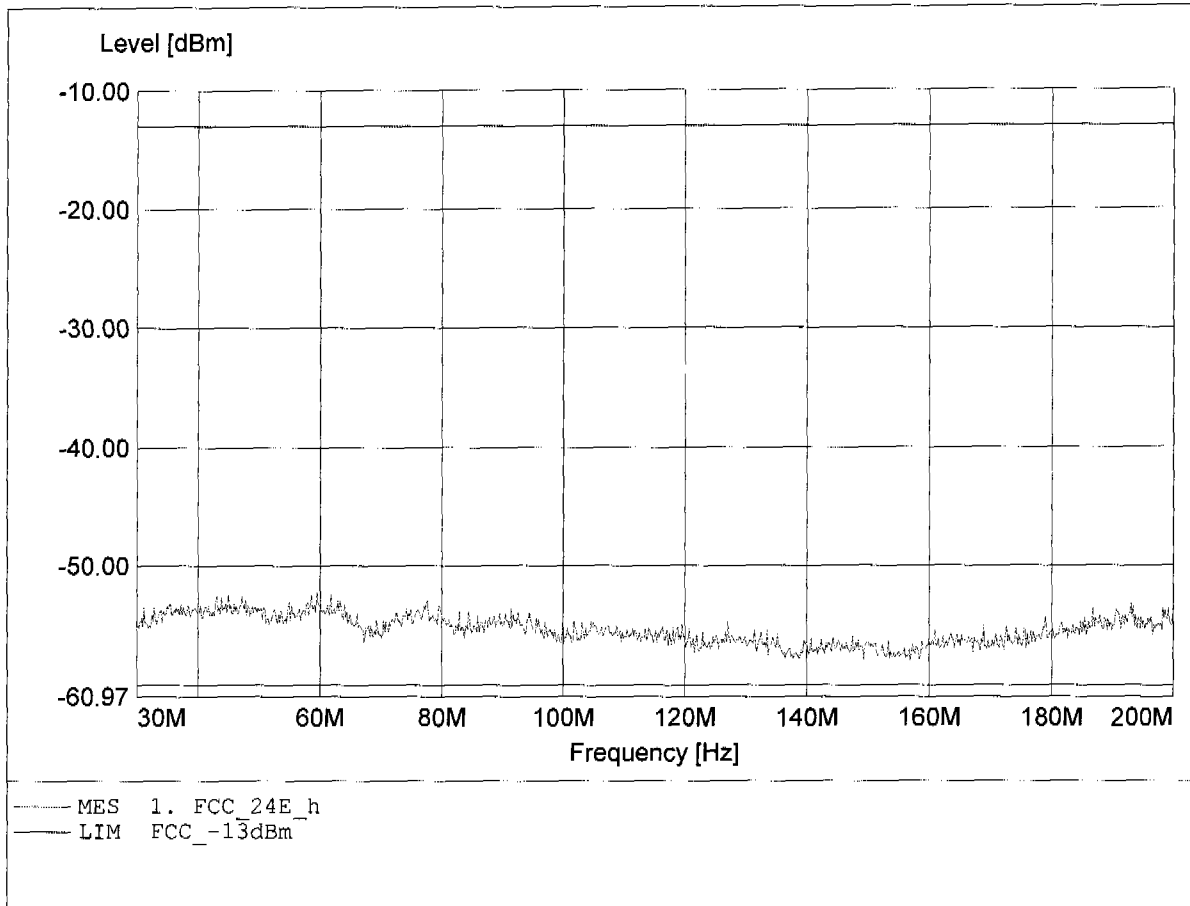
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 39.822MHz, Pmax: -52.22dBm, RBW: 1MHz



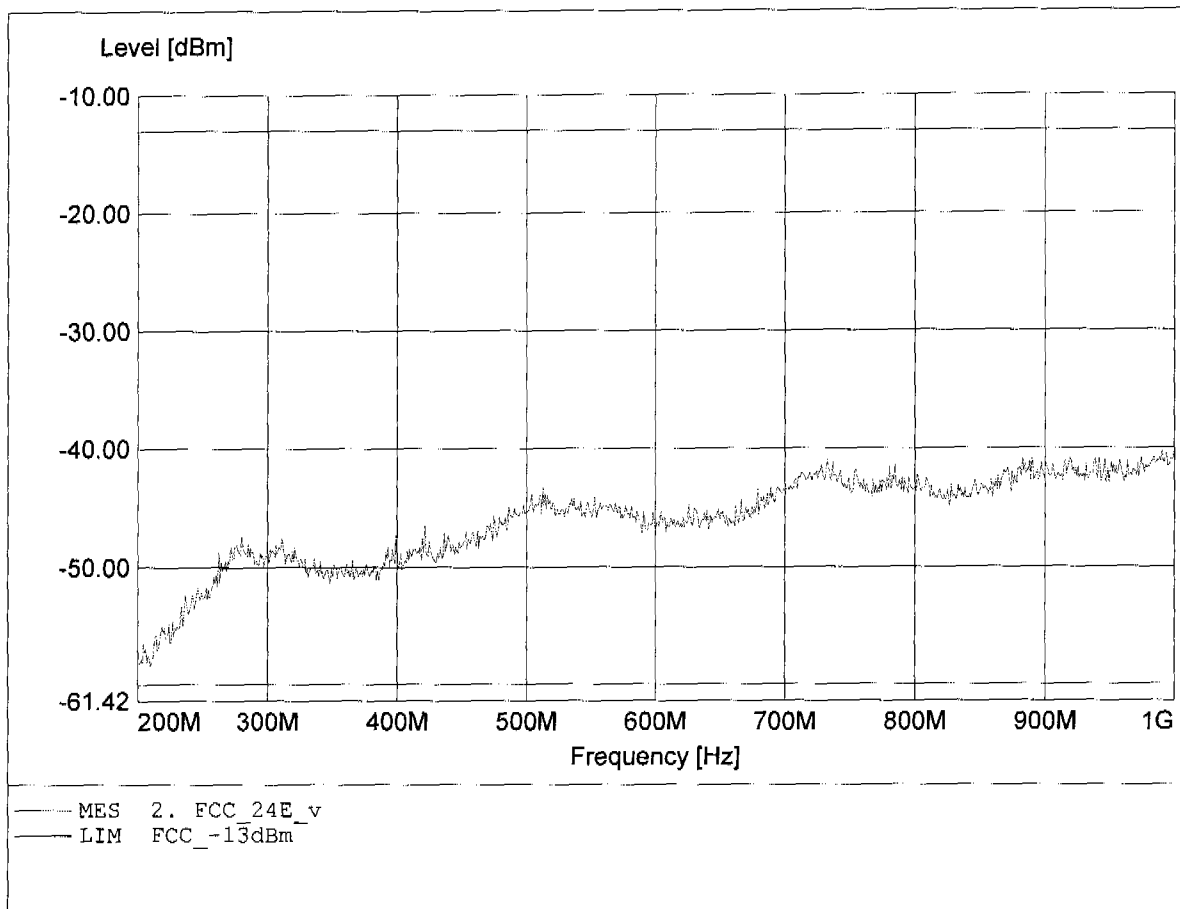
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 59.467MHz, Pmax: -52.15dBm, RBW: 1MHz



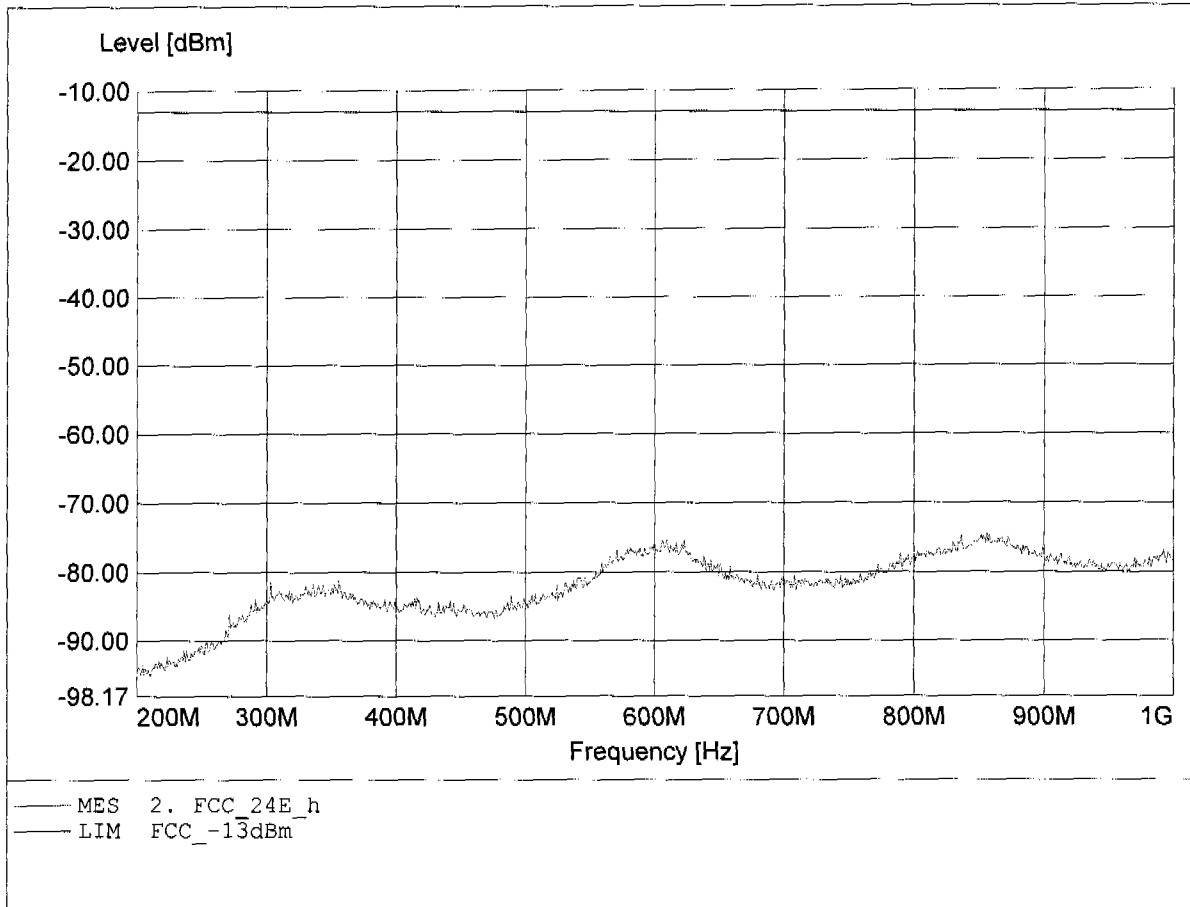
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.222MHz, Pmax: -40.25dBm, RBW: 1MHz



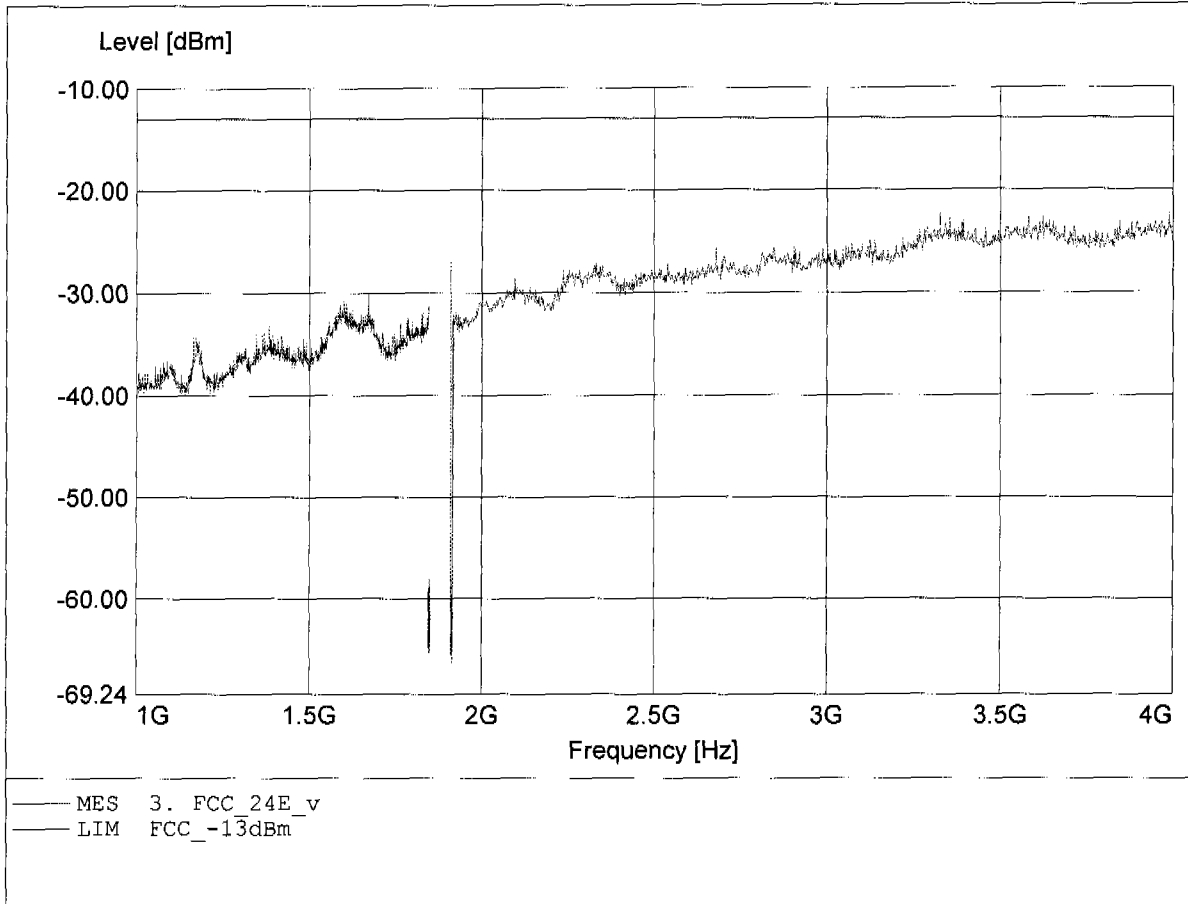
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 856.000MHz, Pmax: -74.51dBm, RBW: 1MHz



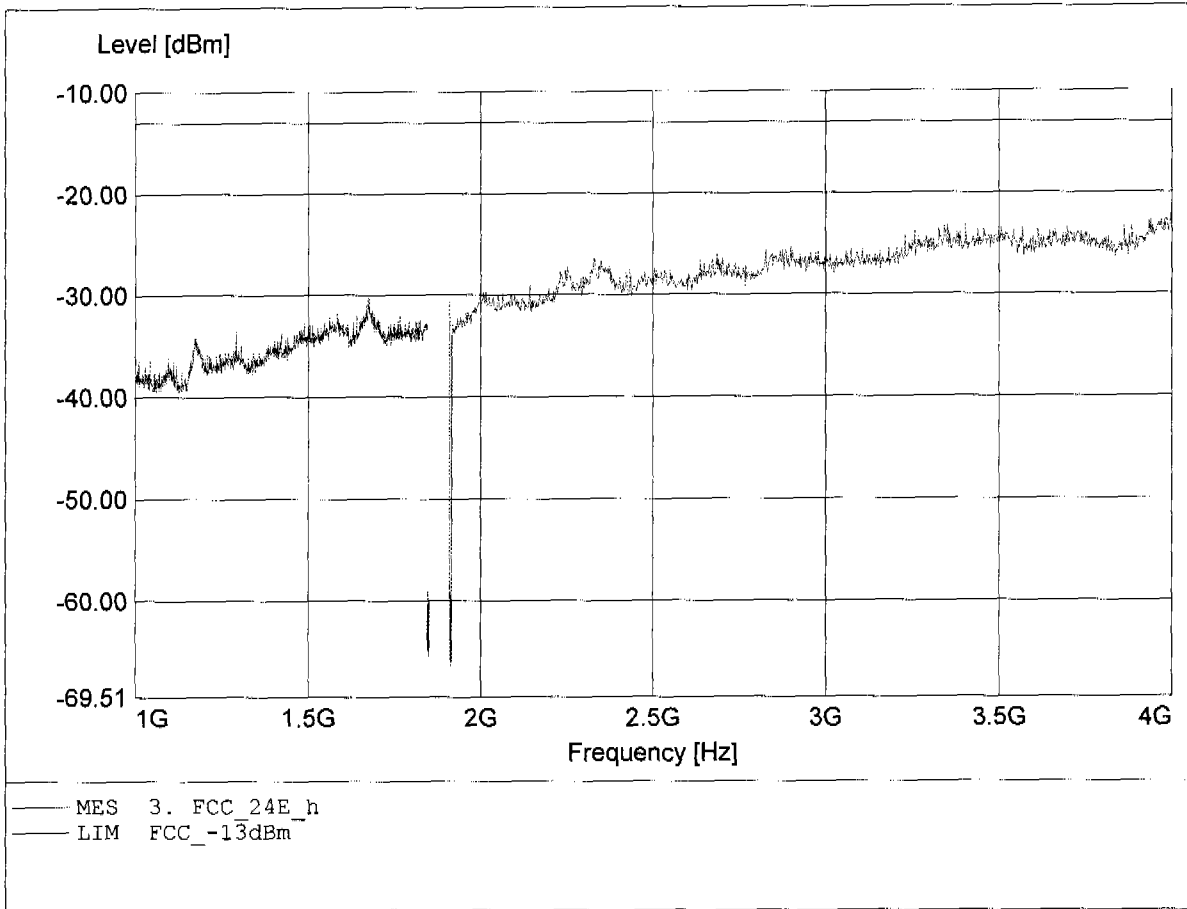
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.988GHz, Pmax: -22.38dBm, RBW: 1MHz/3kHz



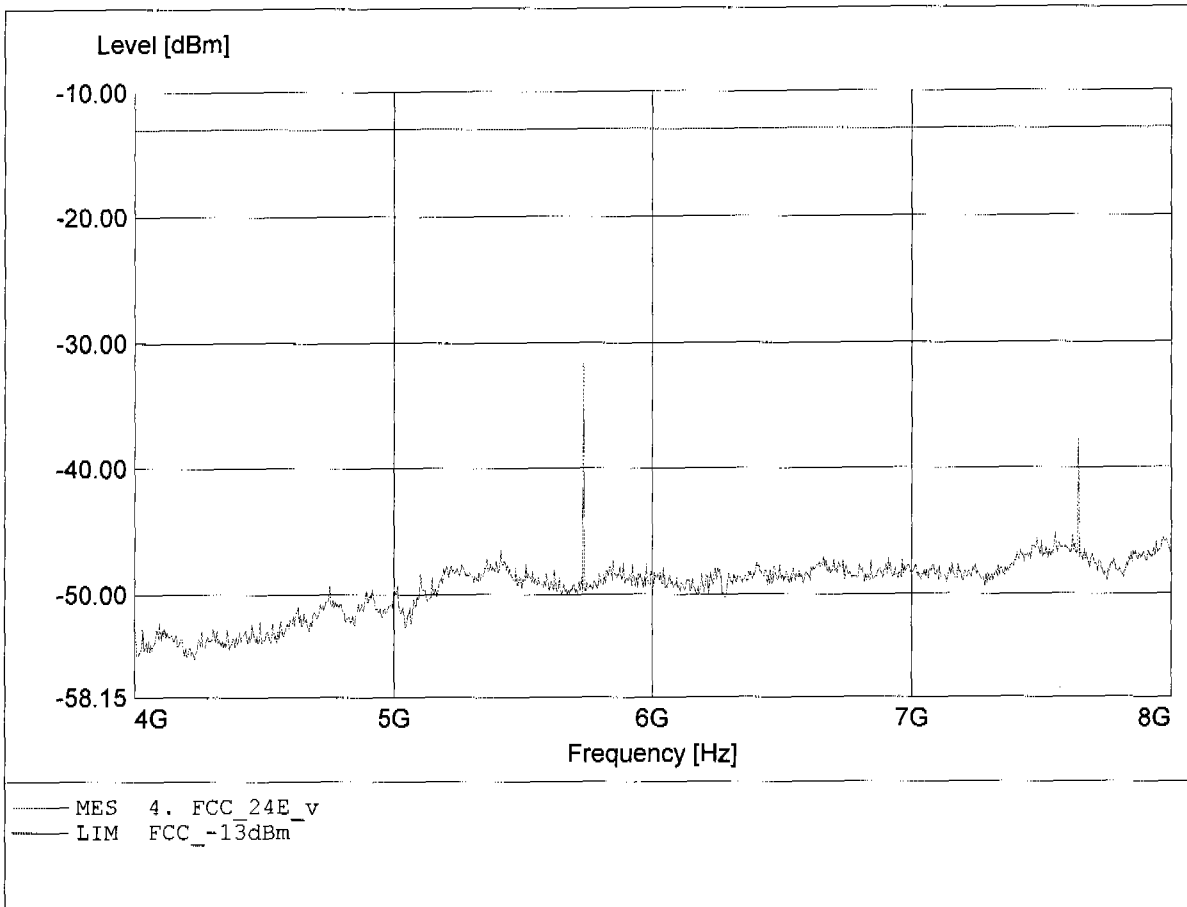
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.998GHz, Pmax: -22.09dBm, RBW: 1MHz/3kHz



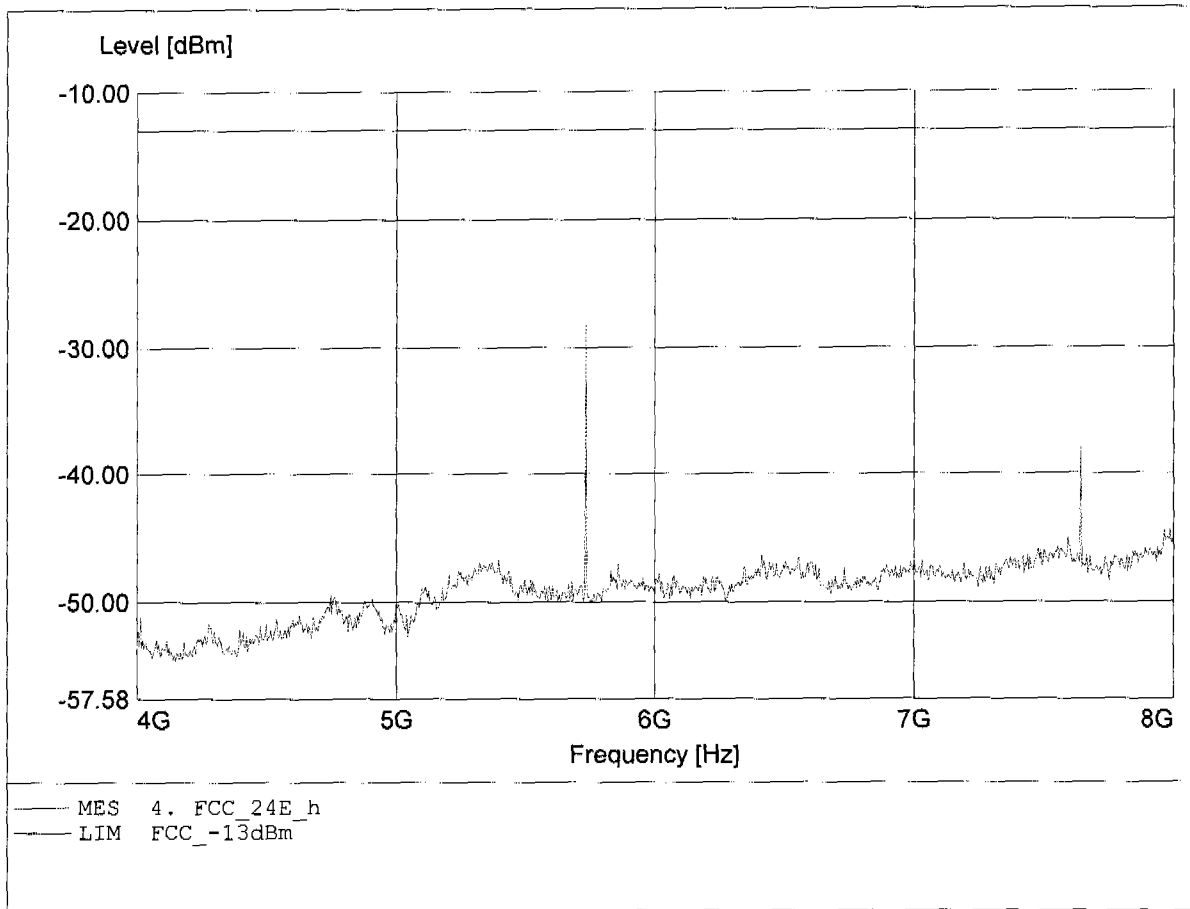
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.733GHz, Pmax: -31.67dBm, RBW: 1MHz



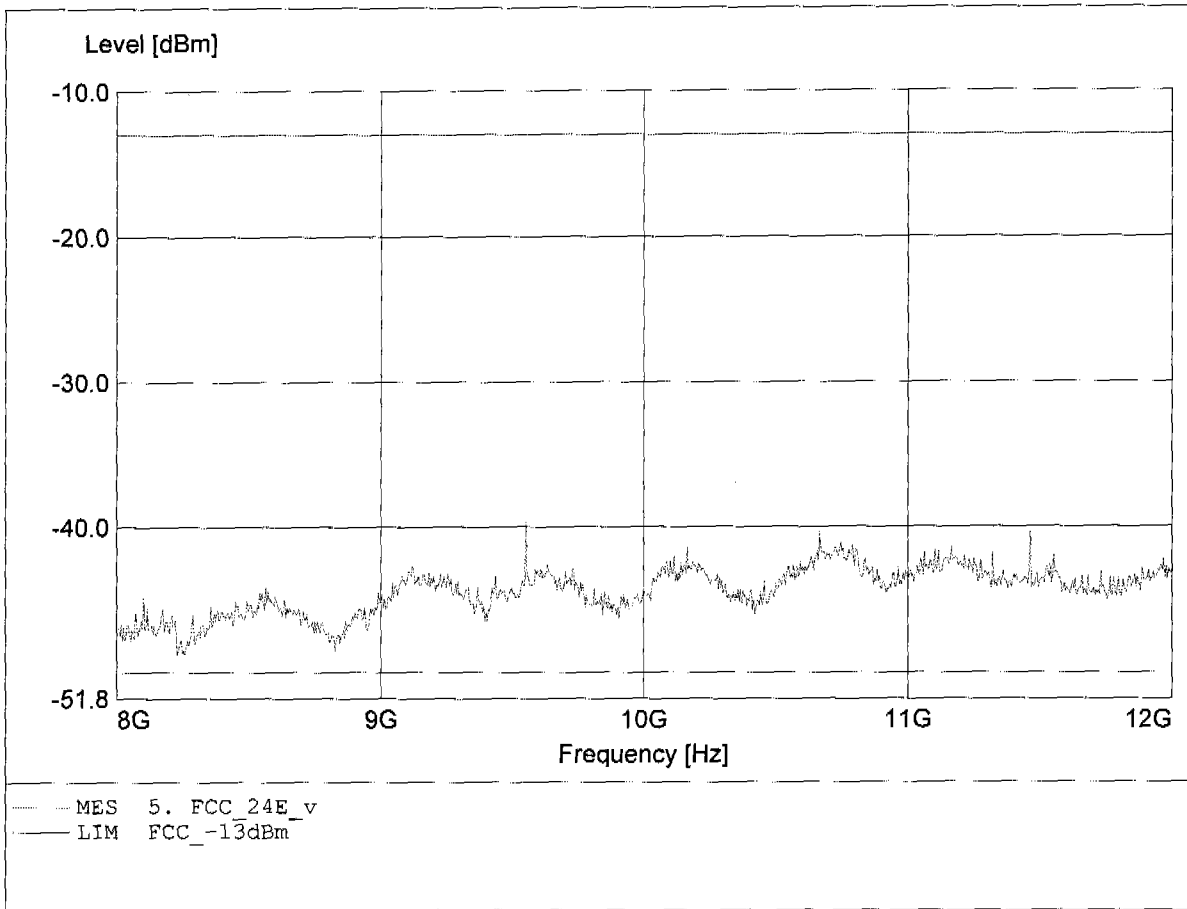
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.733GHz, Pmax: -28.24dBm, RBW: 1MHz



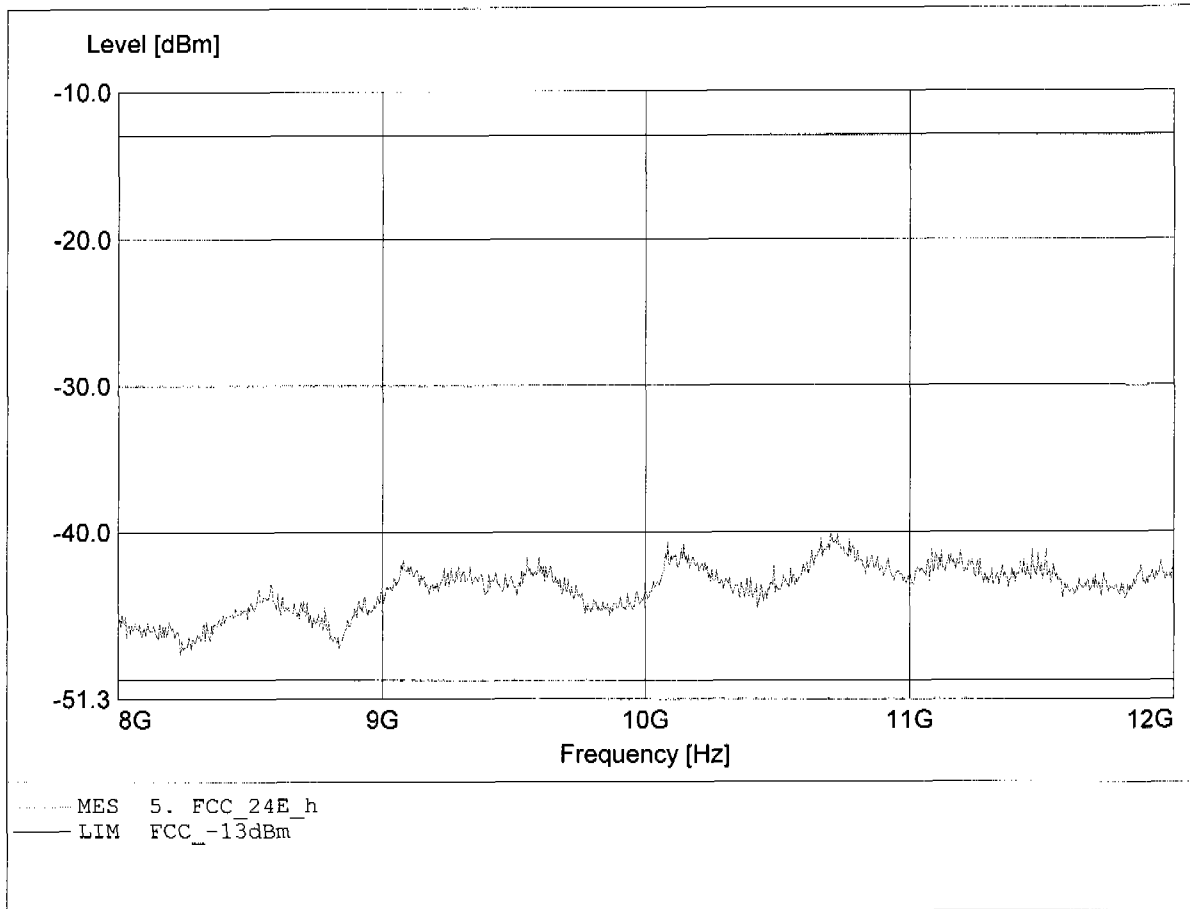
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -39.71dBm, RBW: 1MHz



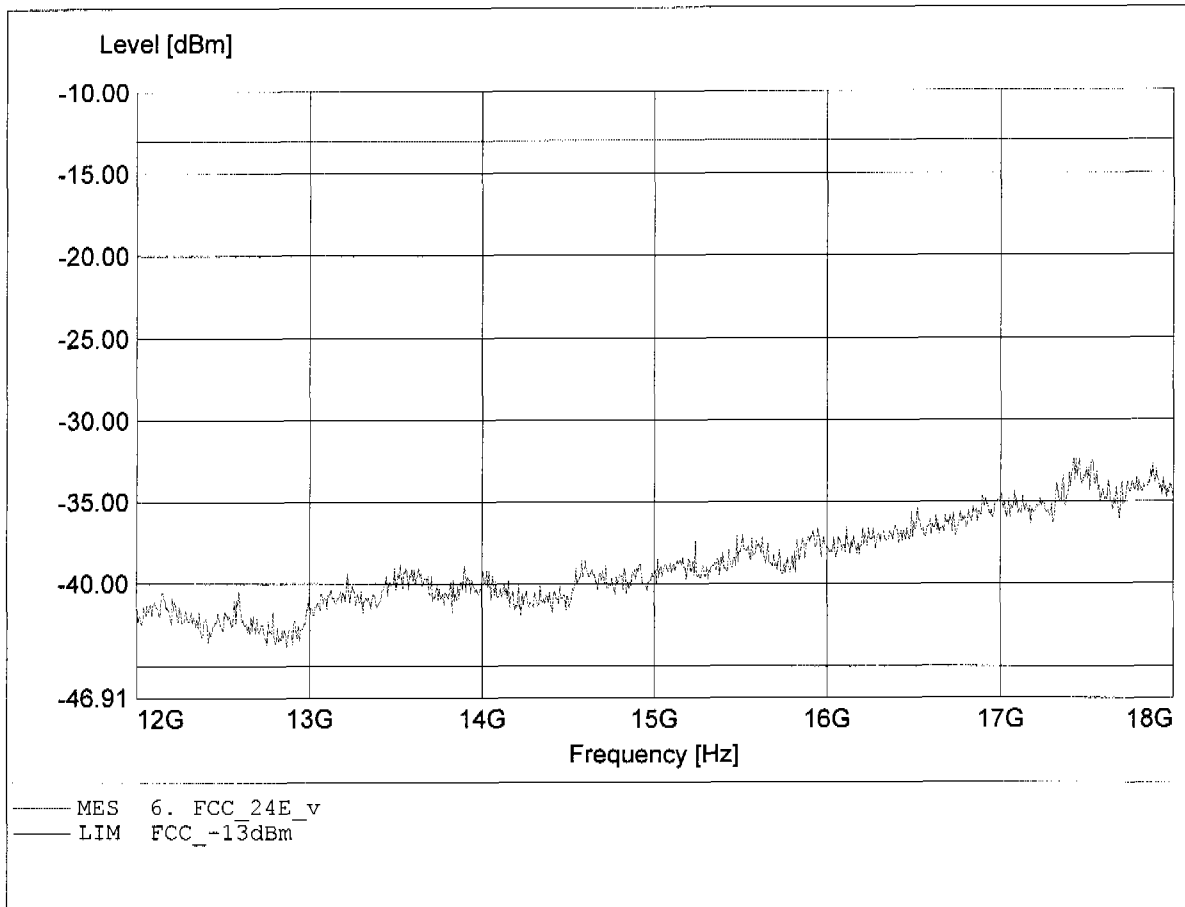
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.729GHz, Pmax: -40.11dBm, RBW: 1MHz



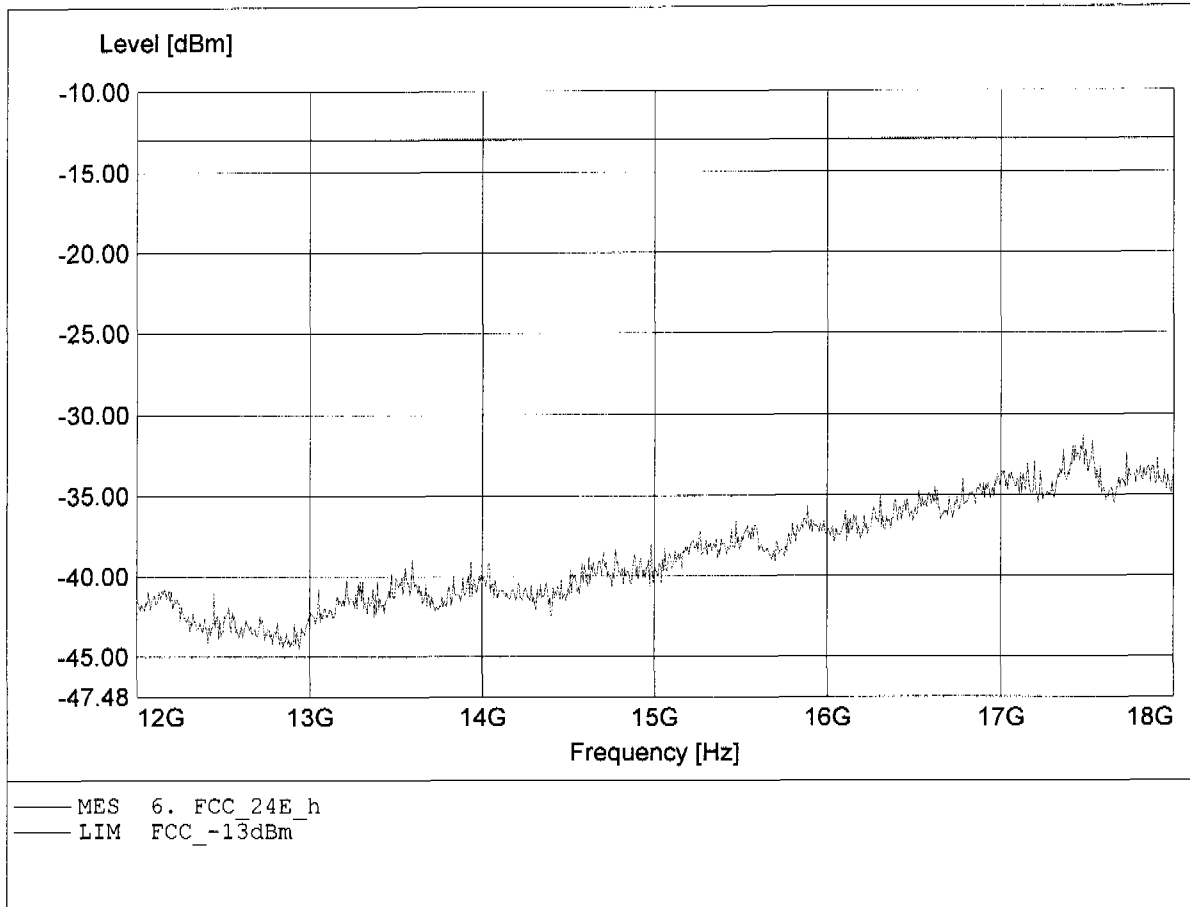
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.420GHz, Pmax: -32.31dBm, RBW: 1MHz



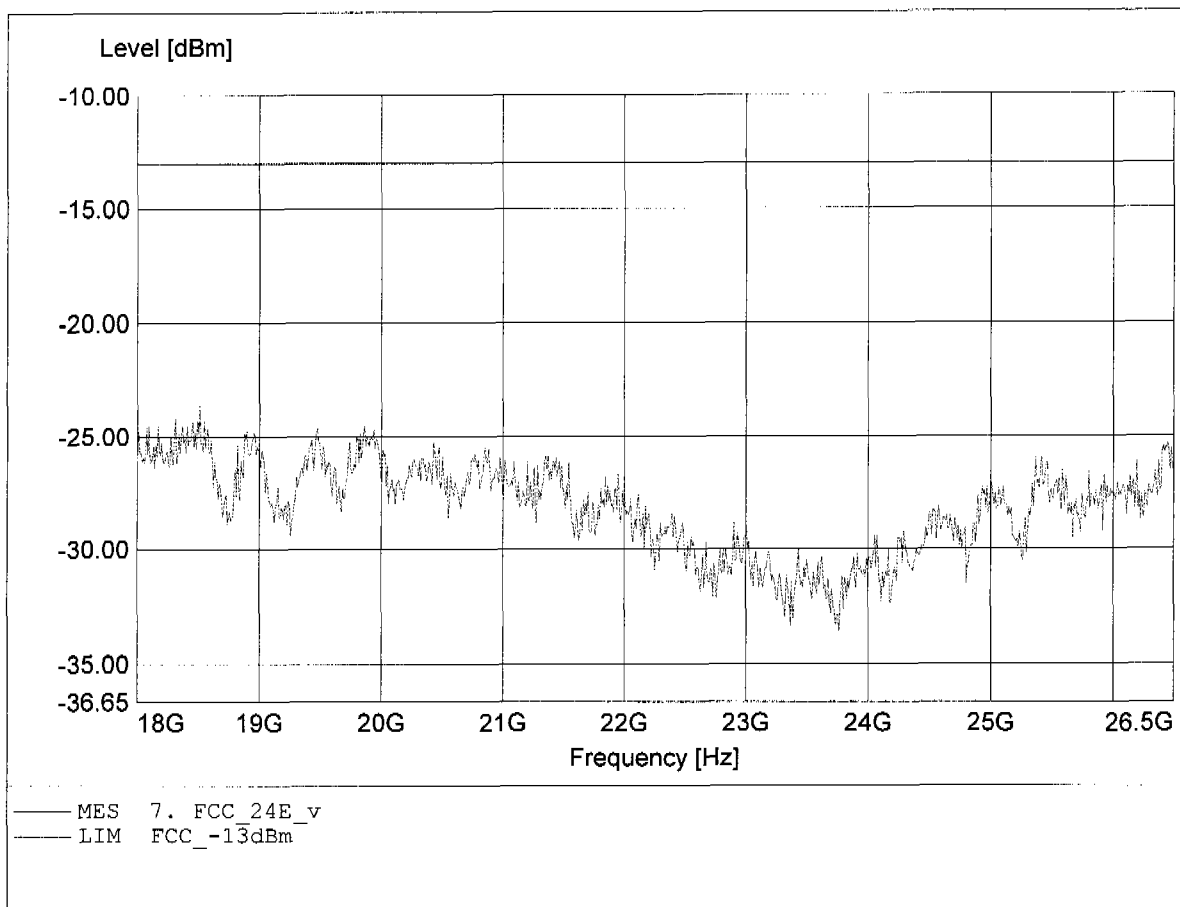
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.473GHz, Pmax: -31.31dBm, RBW: 1MHz



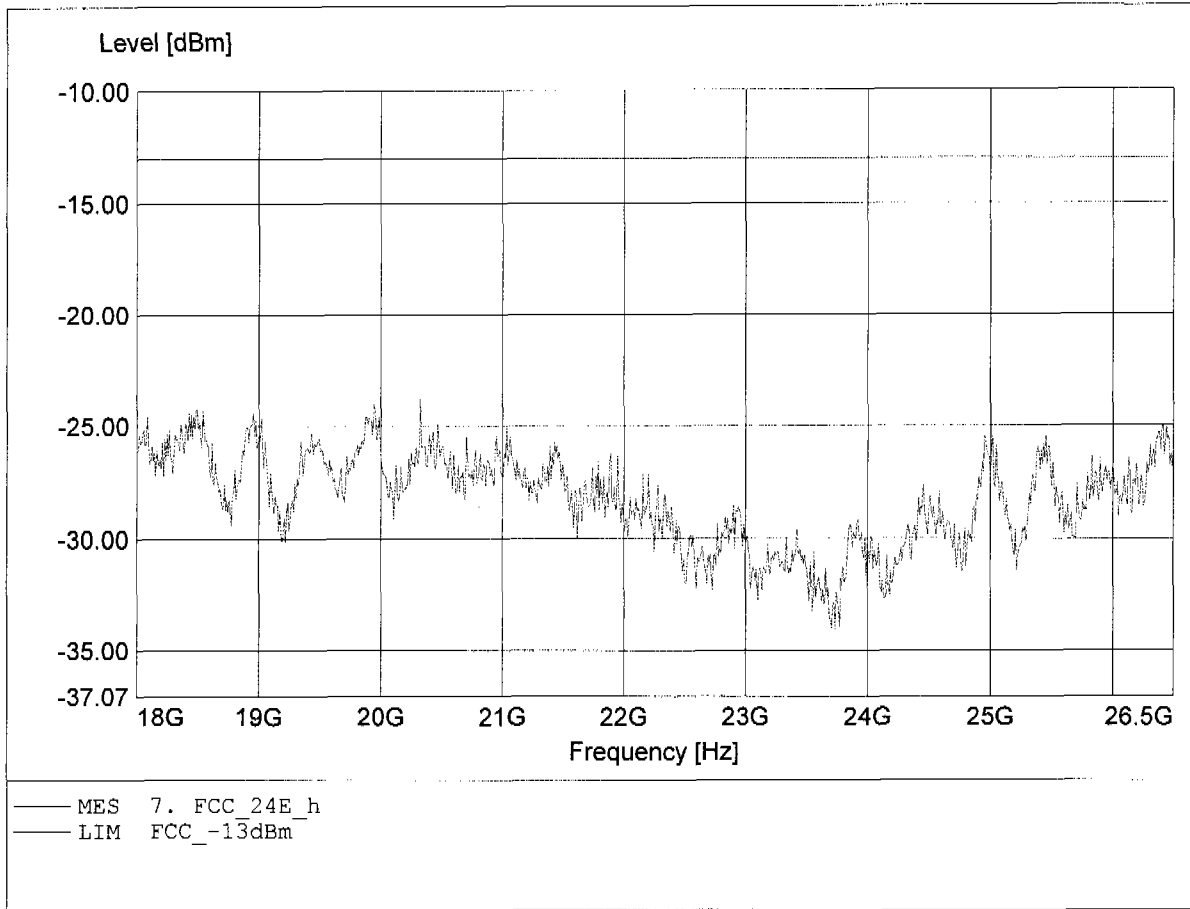
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.510GHz, Pmax: -23.62dBm, RBW: 1MHz



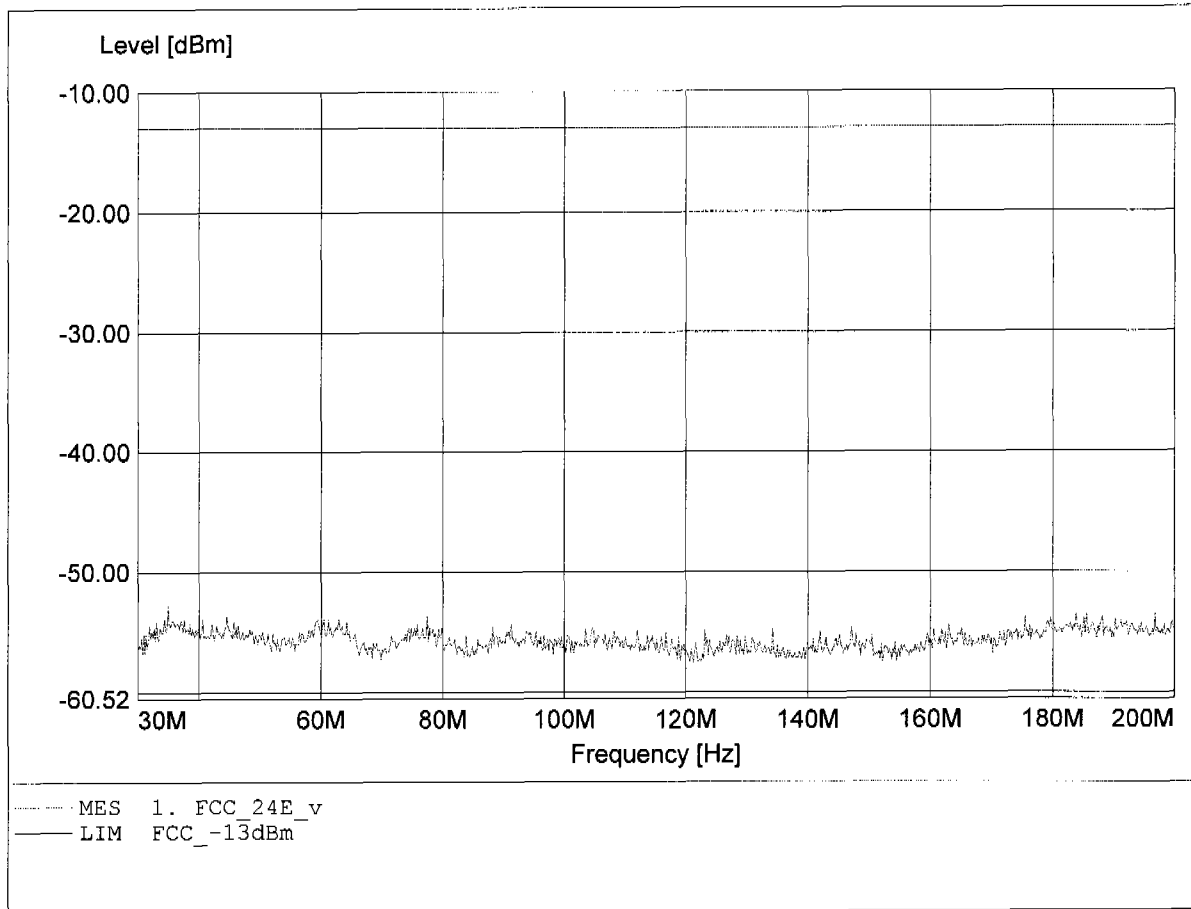
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 20.323GHz, Pmax: -23.82dBm, RBW: 1MHz



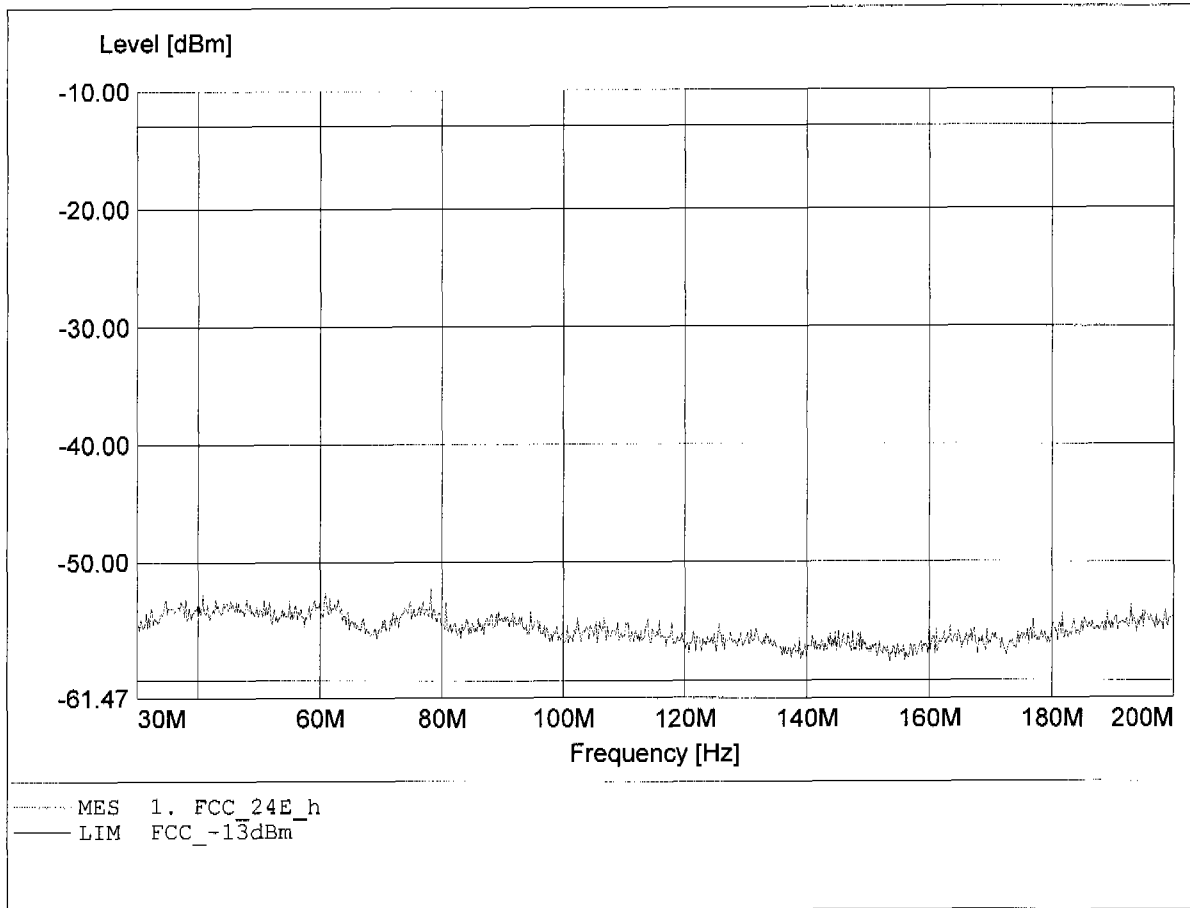
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 34.911MHz, Pmax: -52.74dBm, RBW: 1MHz



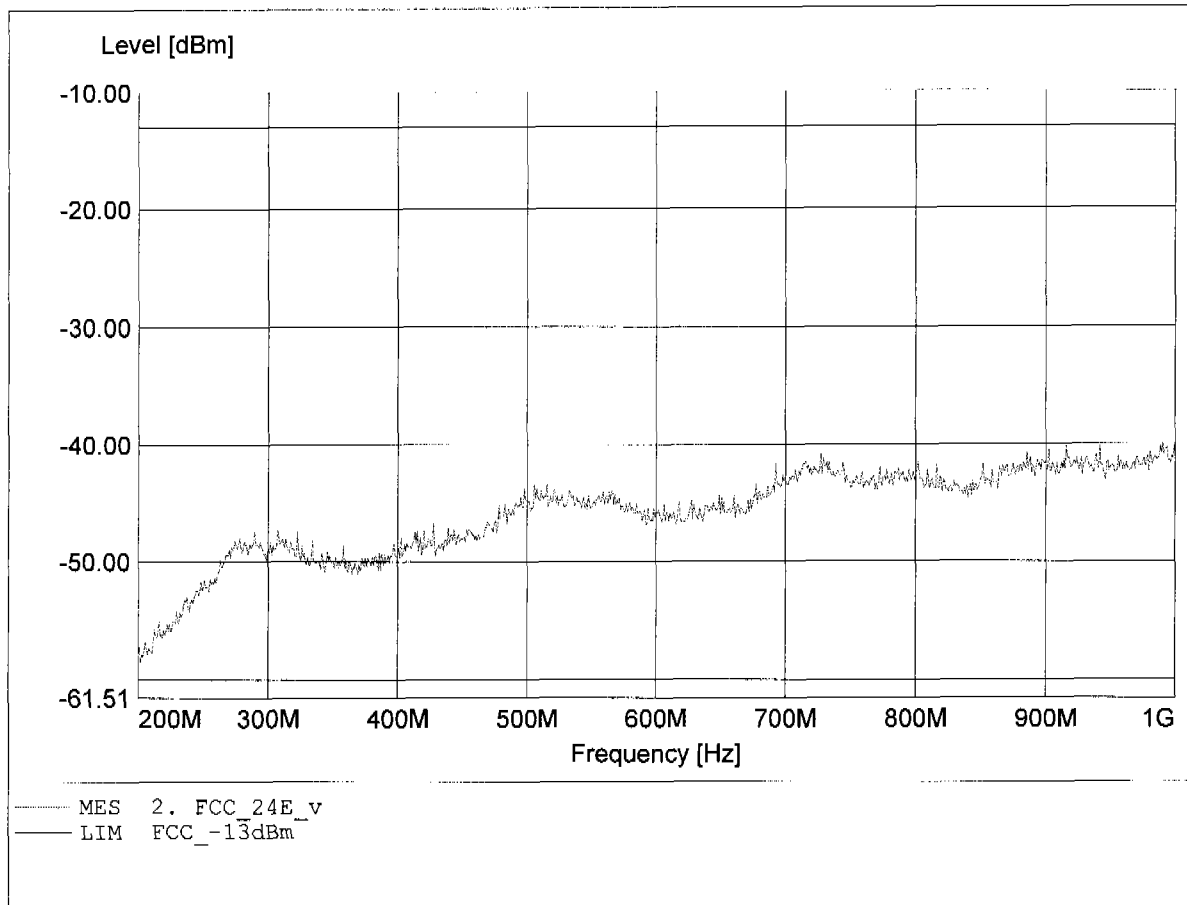
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 78.167MHz, Pmax: -52.21dBm, RBW: 1MHz



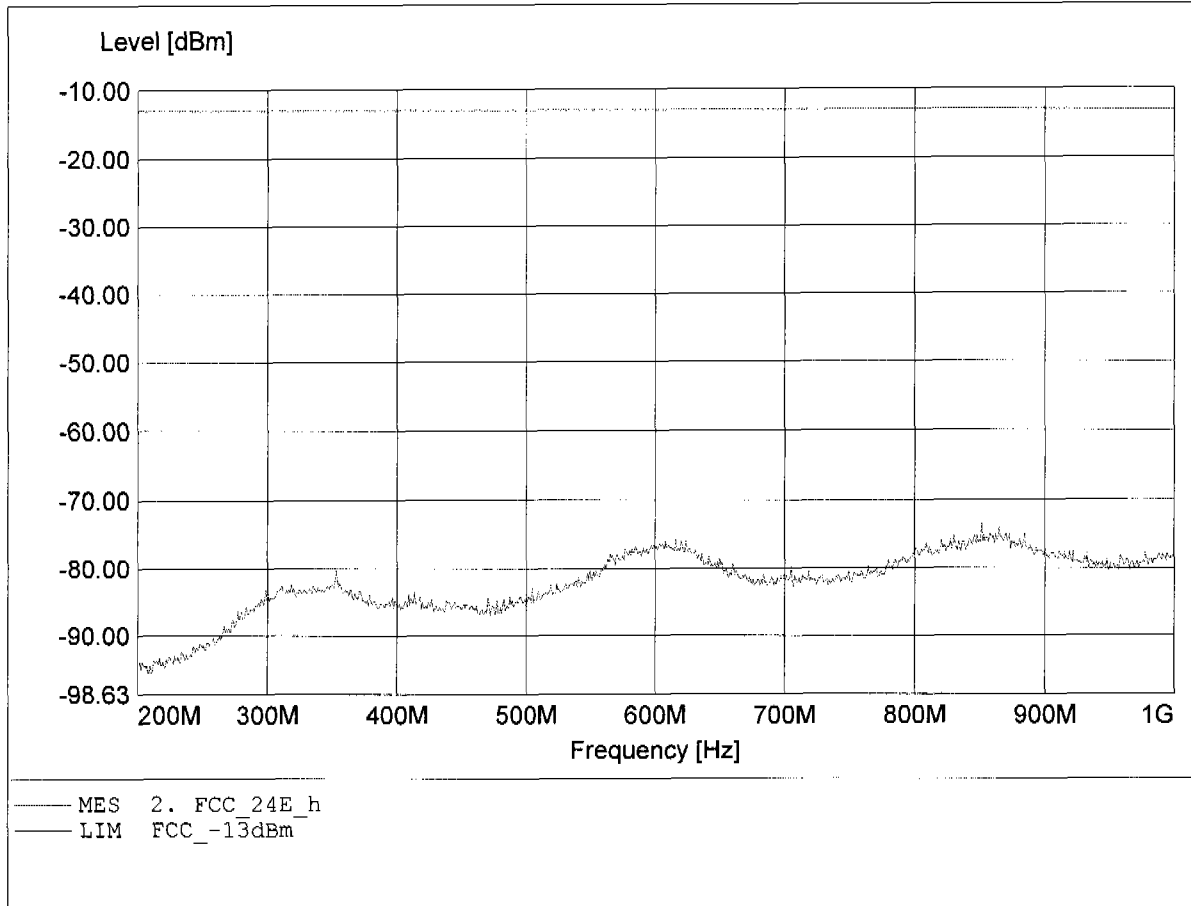
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 941.333MHz, Pmax: -39.95dBm, RBW: 1MHz



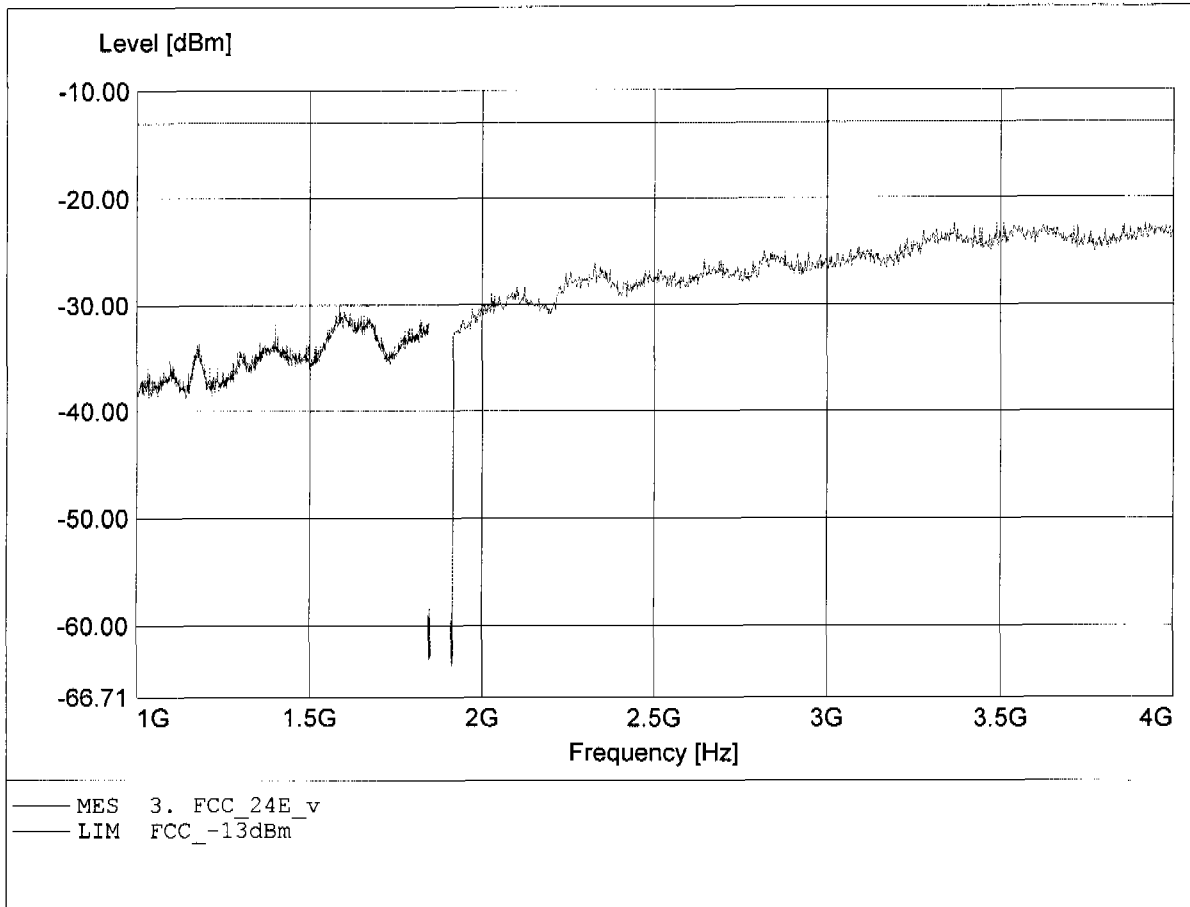
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 851.556MHz, Pmax: -73.44dBm, RBW: 1MHz



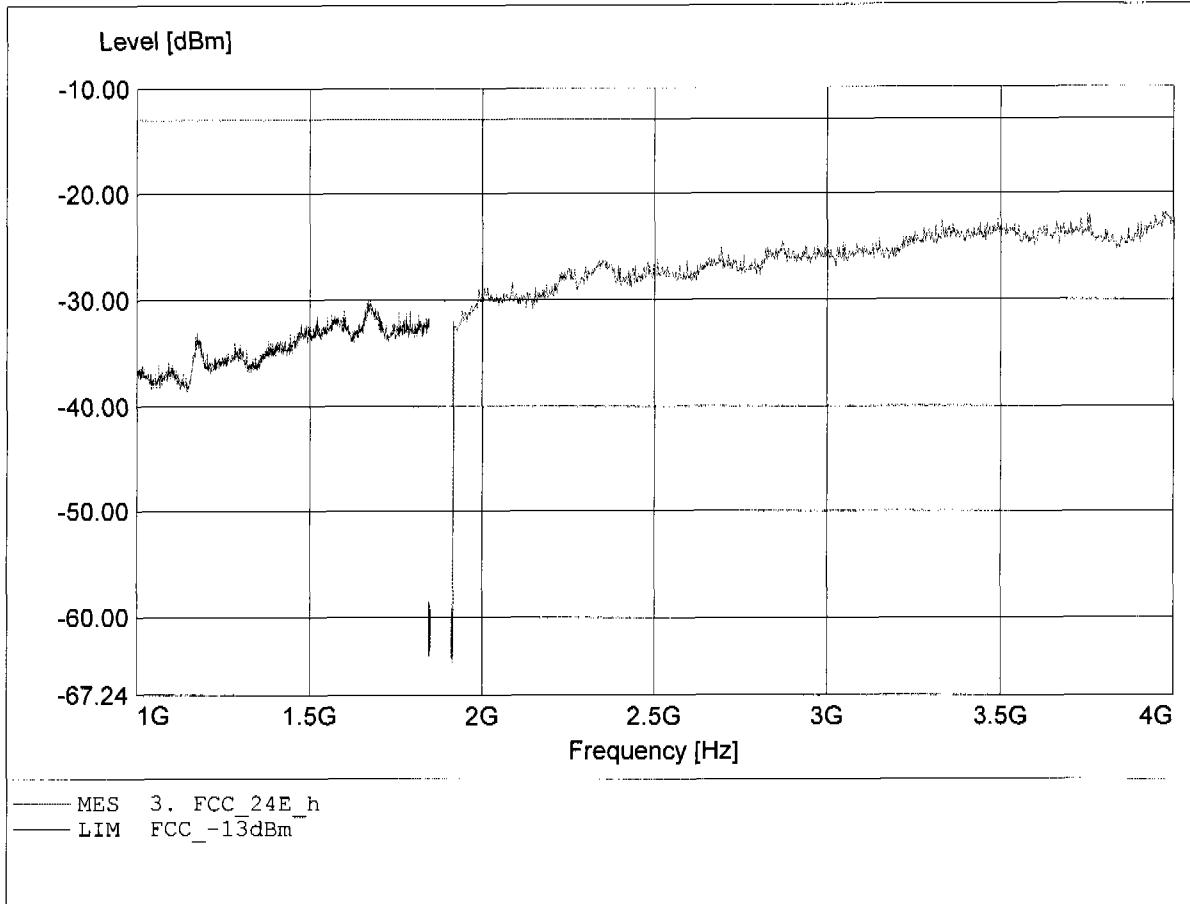
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.365GHz, Pmax: -22.34dBm, RBW: 1MHz/3kHz



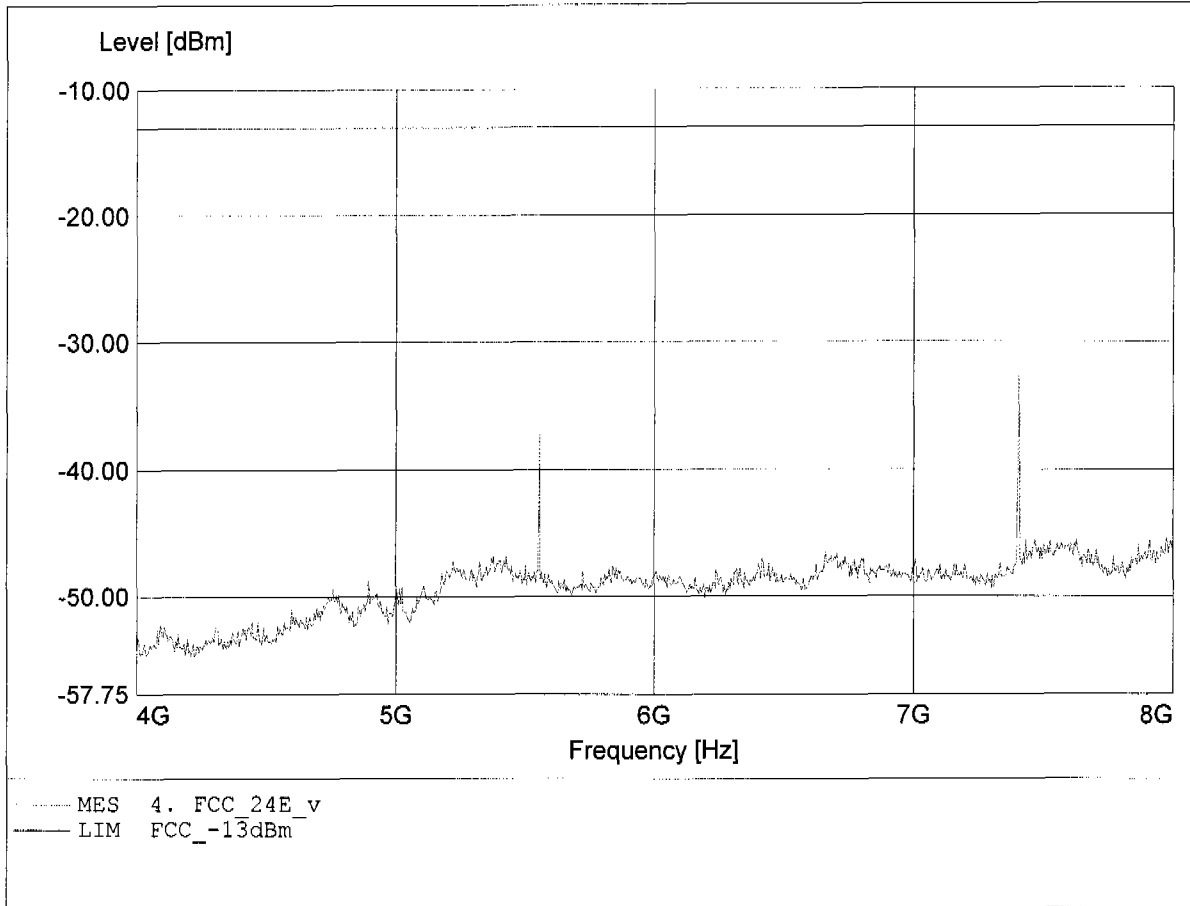
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.977GHz, Pmax: -21.81dBm, RBW: 1MHz/3kHz



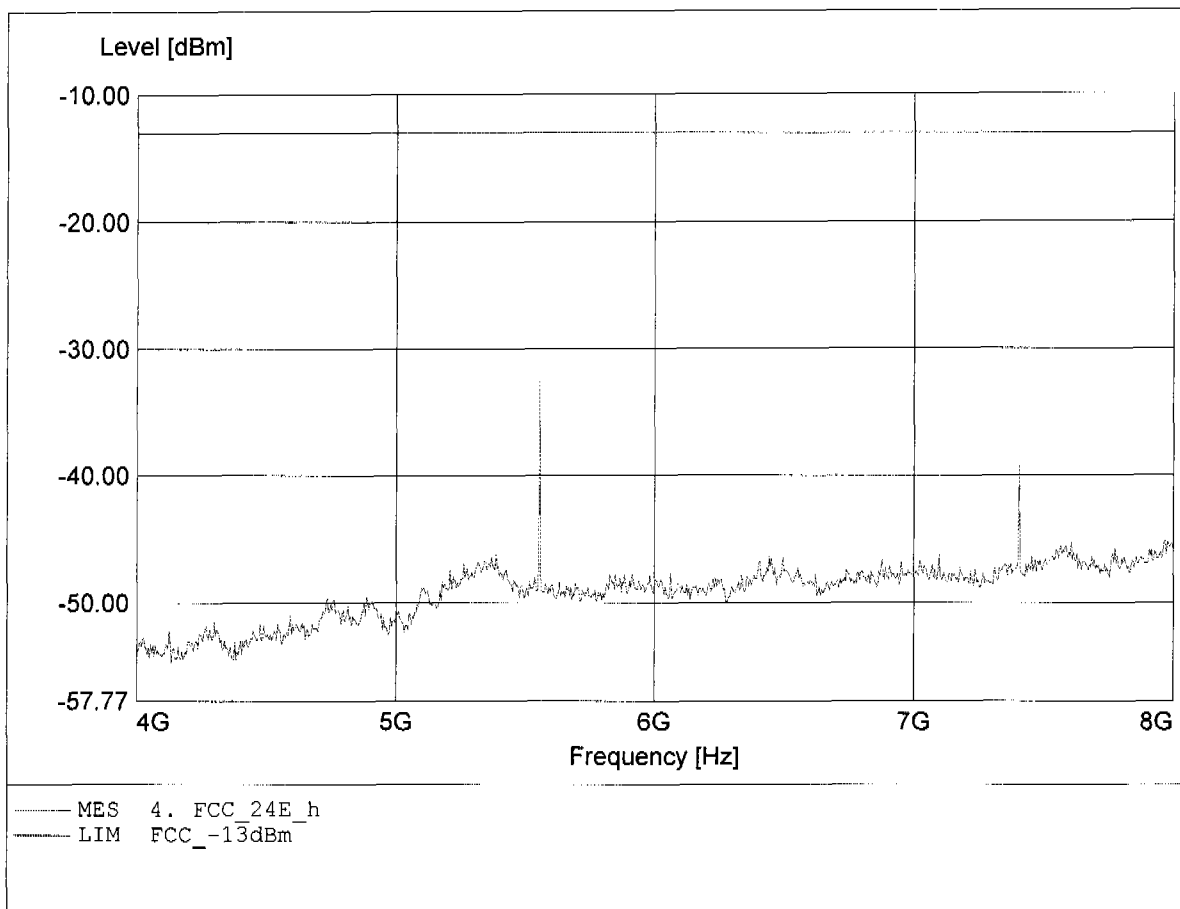
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -32.77dBm, RBW: 1MHz



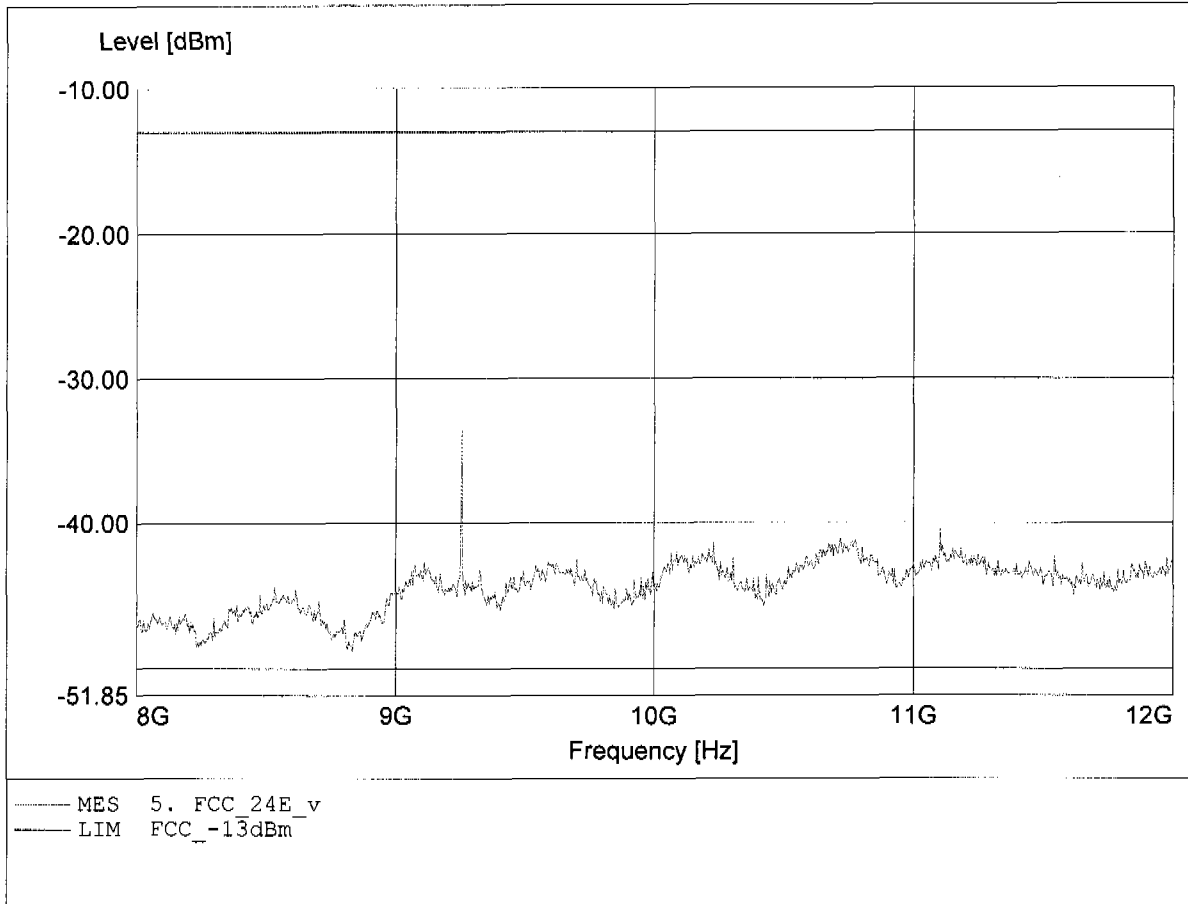
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -32.42dBm, RBW: 1MHz



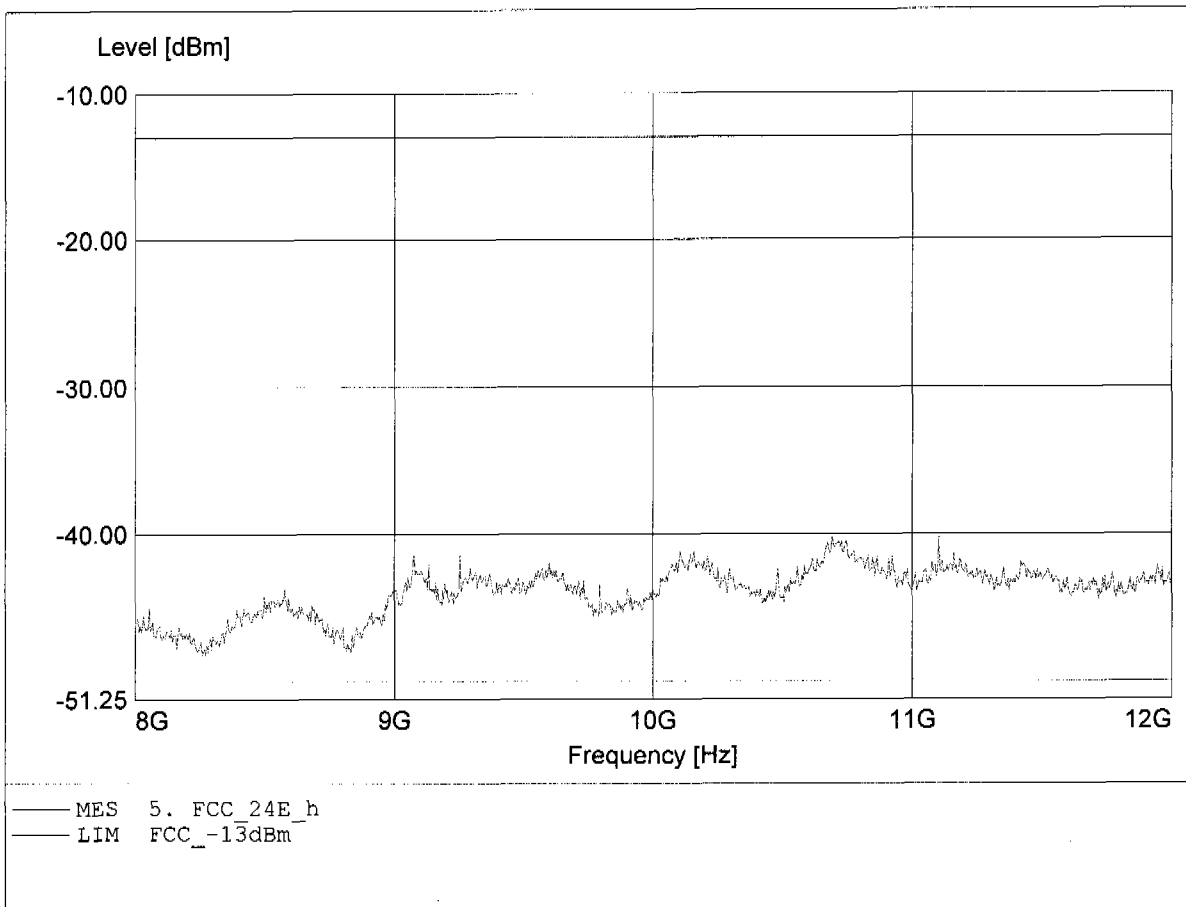
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -33.57dBm, RBW: 1MHz



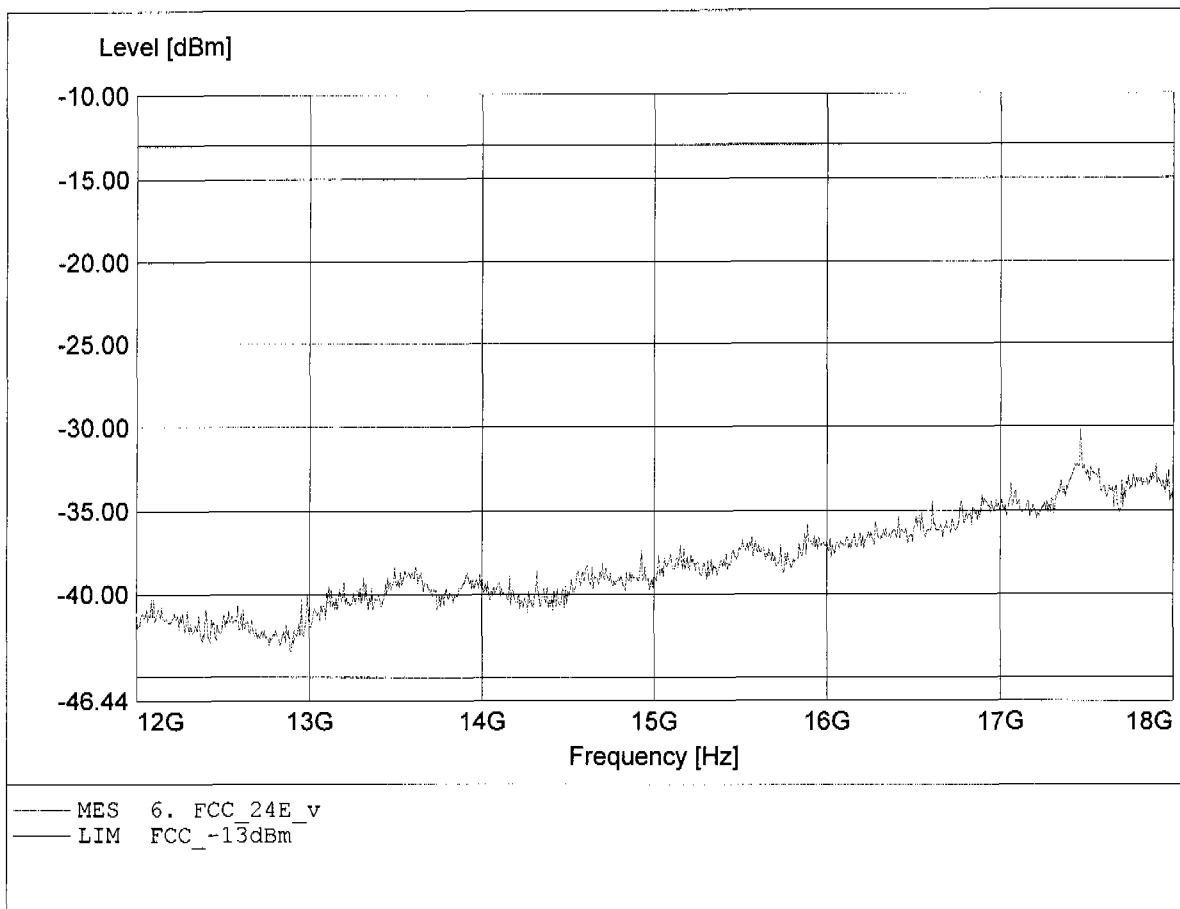
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.693GHz, Pmax: -40.14dBm, RBW: 1MHz



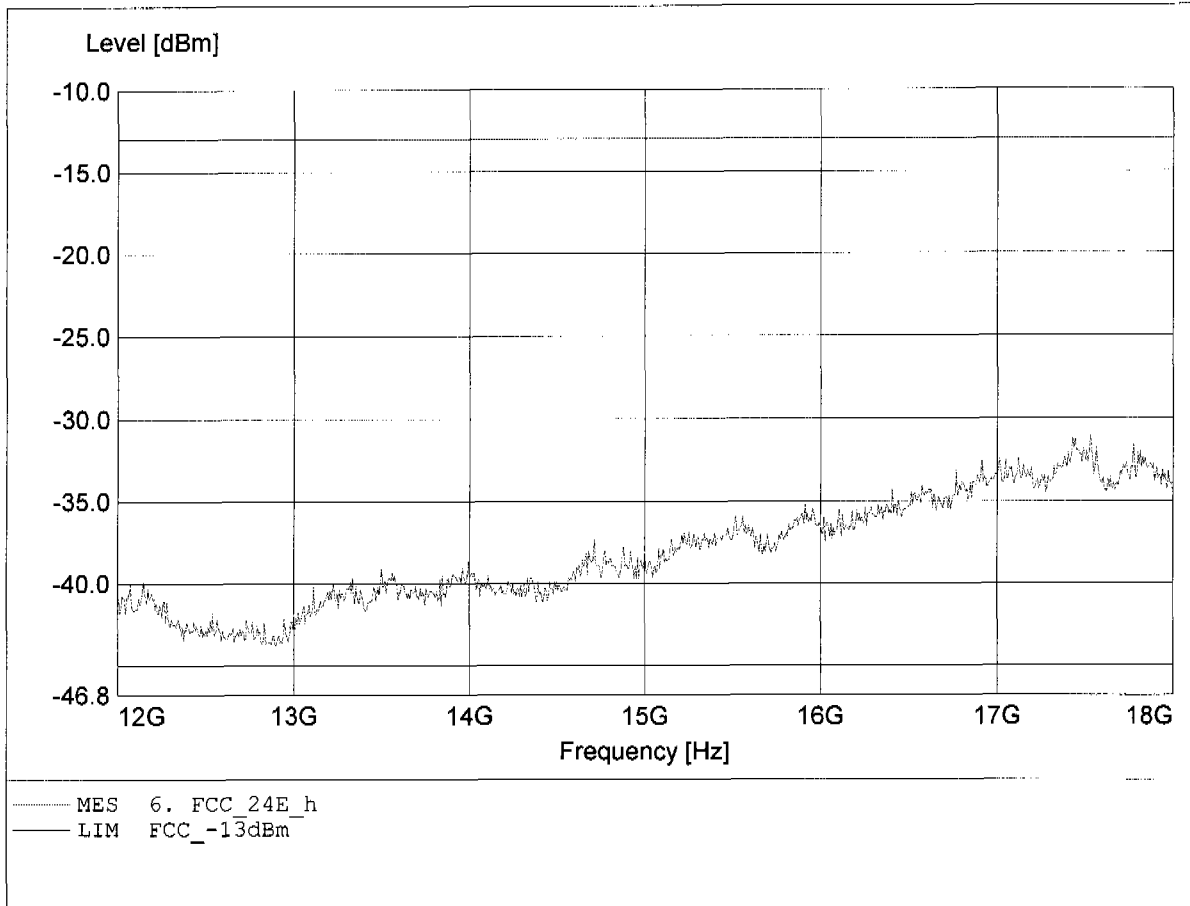
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.460GHz, Pmax: -30.14dBm, RBW: 1MHz



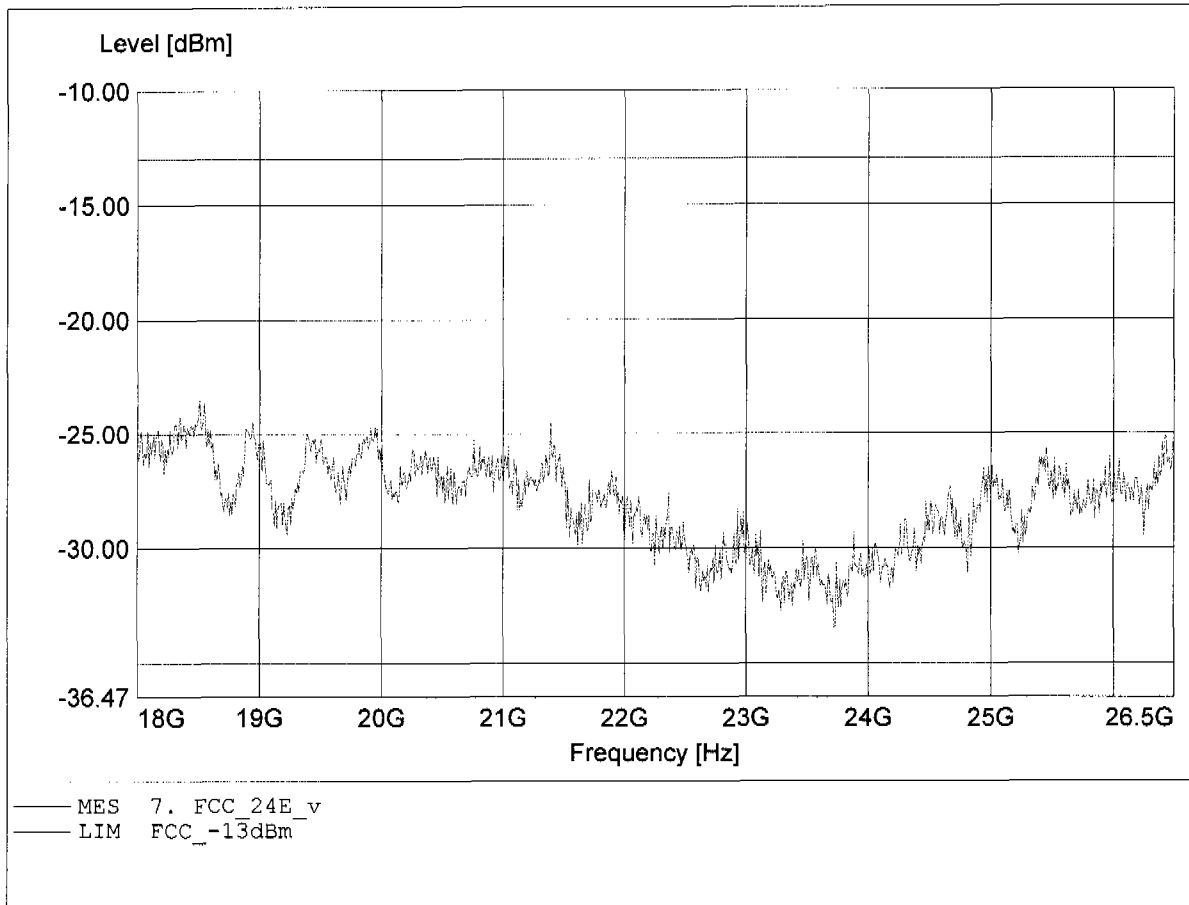
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.527GHz, Pmax: -31.04dBm, RBW: 1MHz



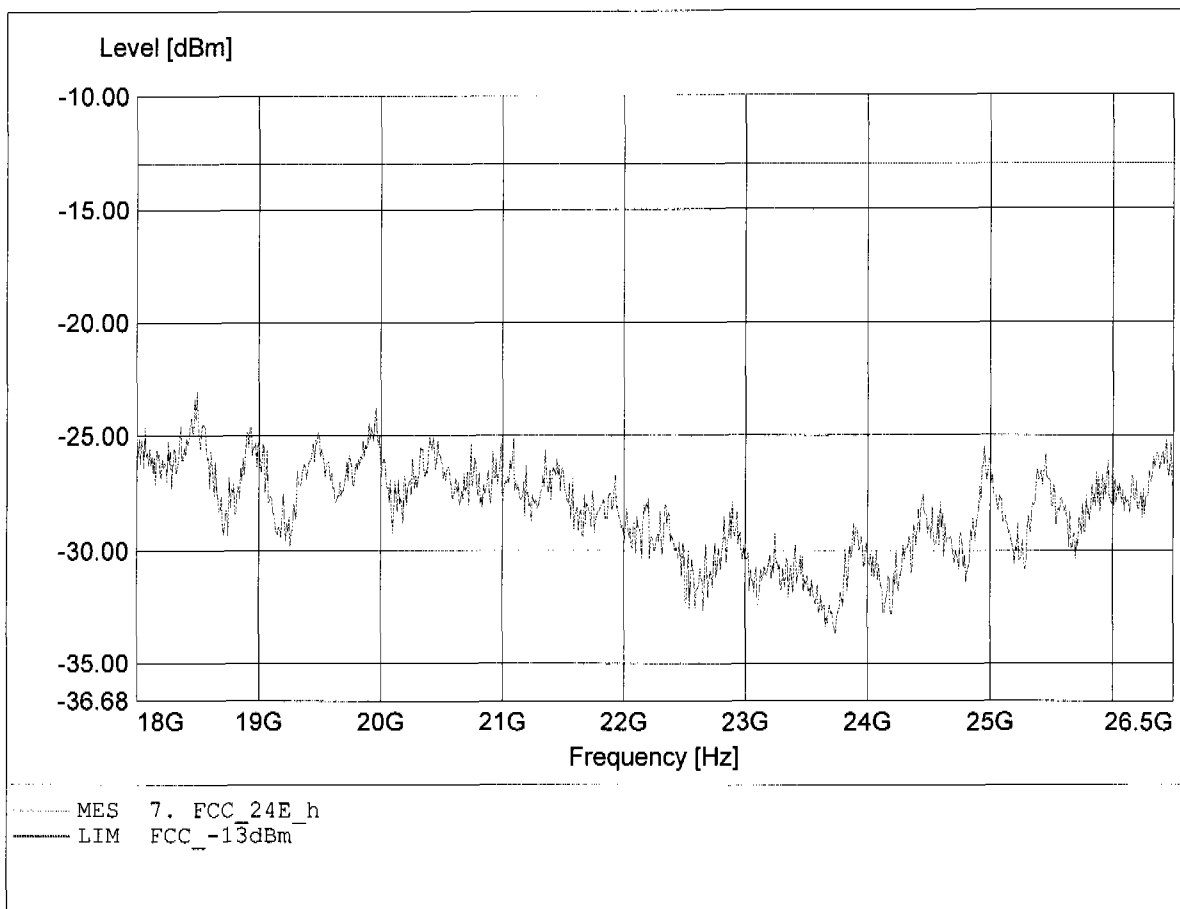
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.510GHz, Pmax: -23.47dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: FW Dabendorf
EUT / Model: Compenser 850 / 1900 GSM // MC3000NA
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.491GHz, Pmax: -23.08dBm, RBW: 1MHz





Appendix K

Line Conducted Emissions



Appendix L

Frequency Stability vs. Temperature



Appendix M

Frequency Stability vs. Voltage