

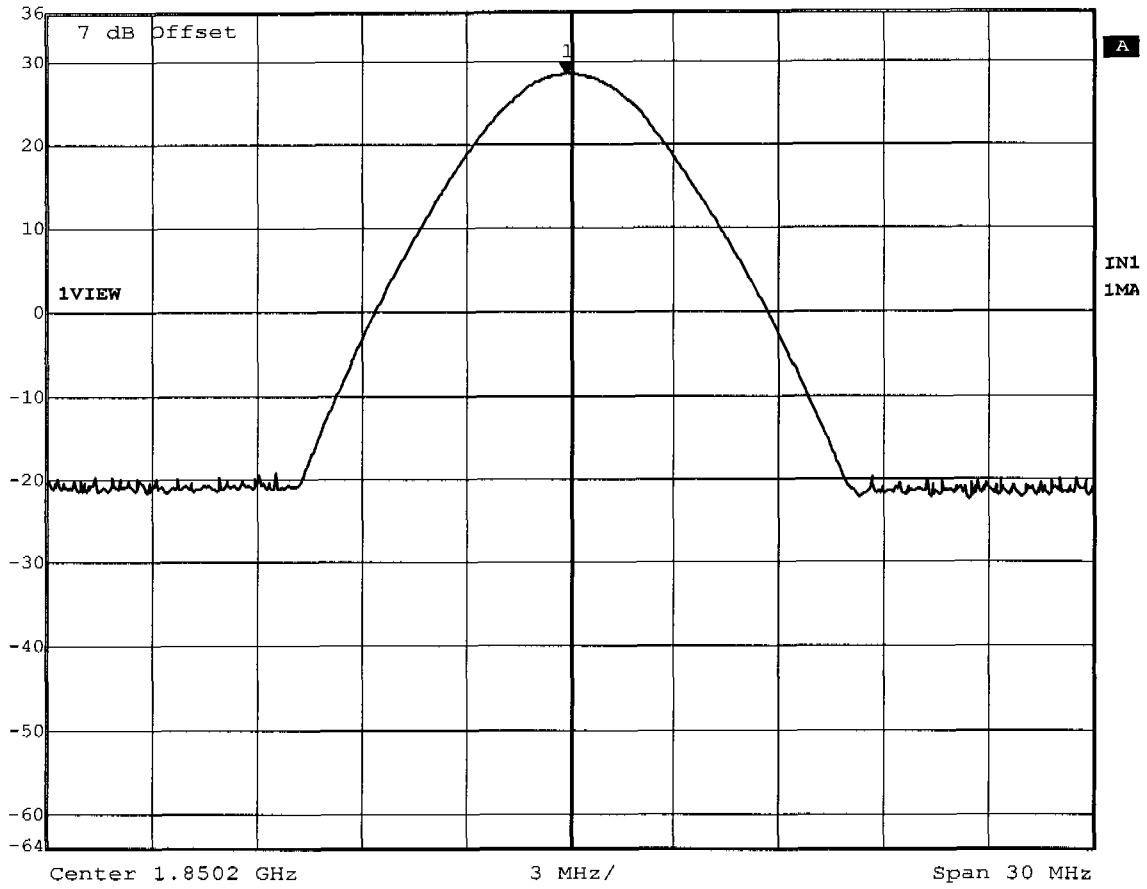


Appendix B

RF Power Output



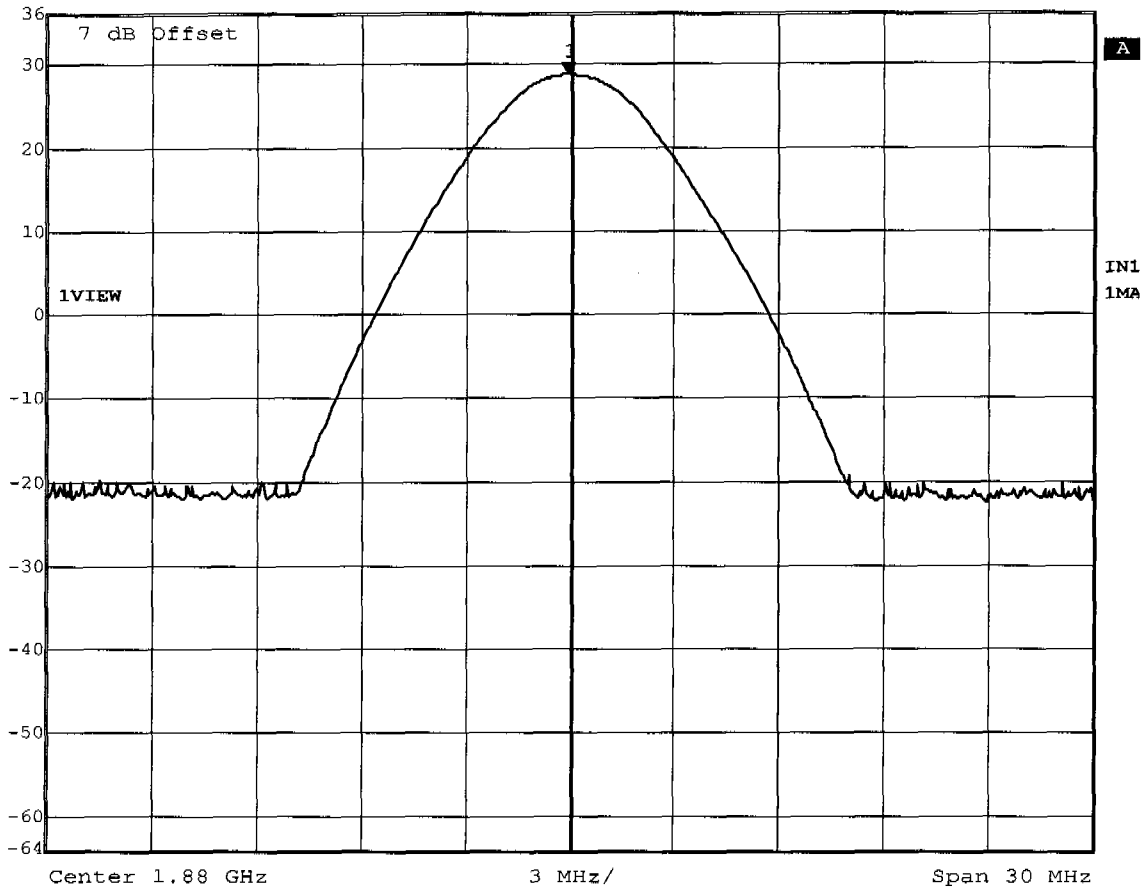
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 28.26 dBm VBW 3 MHz
36 dBm 1.85010982 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 512
Comment A: Crosscheck
Date: 1.DEC.2003 20:28:56



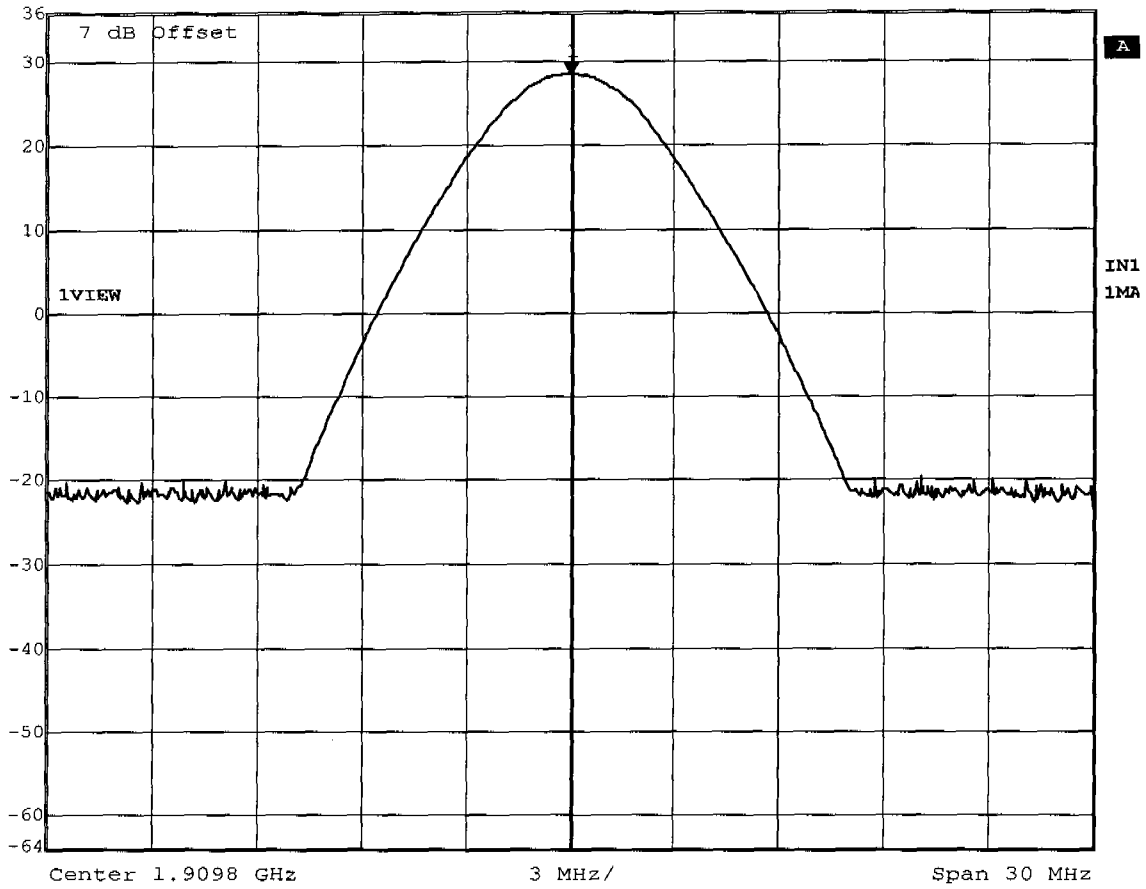
Marker 1 [T1]	REW	3 MHz	RF Att	50 dB
Ref Lvl	28.54 dBm	VBW	3 MHz	
36 dBm	1.87996994 GHz	SWT	5 ms	Unit
				dBm



Title: Output Power Conducted Channel: 661
Comment A: Crosscheck
Date: 1.DEC.2003 20:29:54



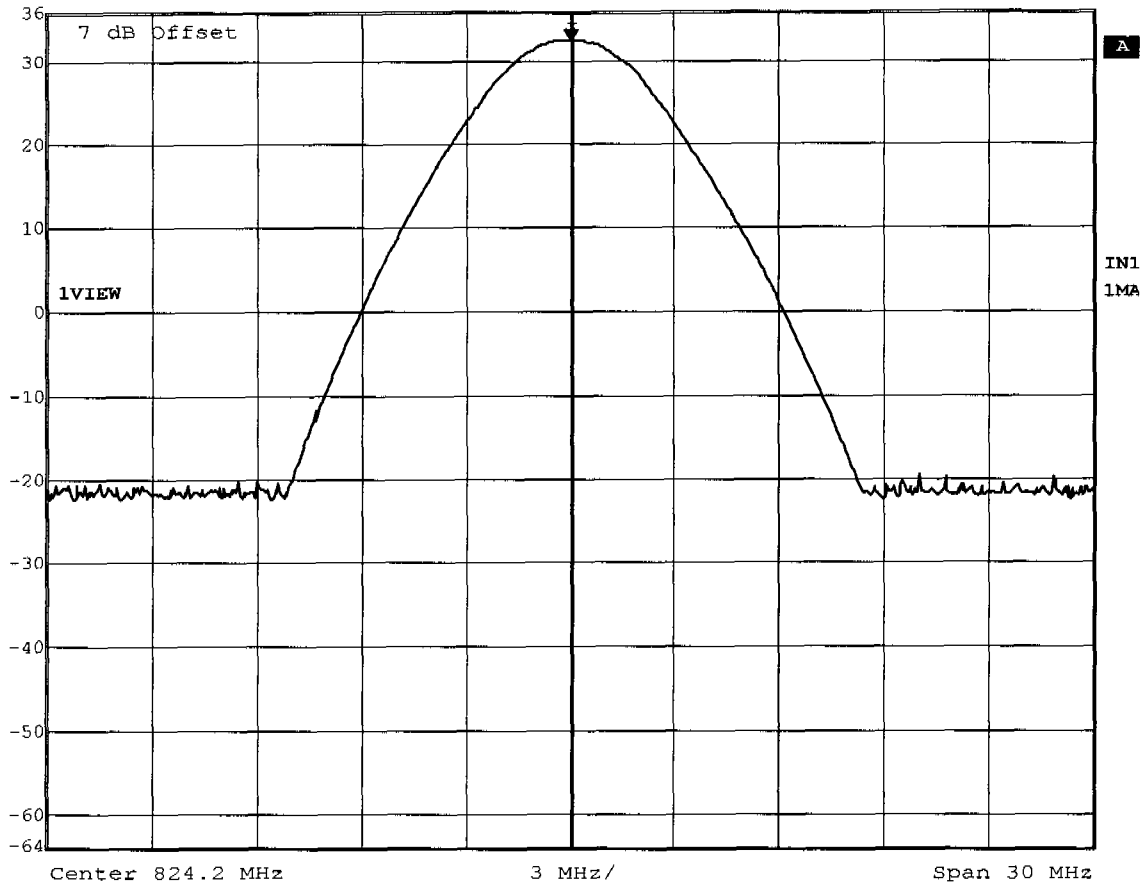
Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	28.27 dBm	VBW	3 MHz	
36 dBm	1.90983006 GHz	SWT	5 ms	Unit dBm



Title: Output Power Conducted Channel: 810
Comment A: Crosscheck
Date: 1.DEC.2003 20:38:50



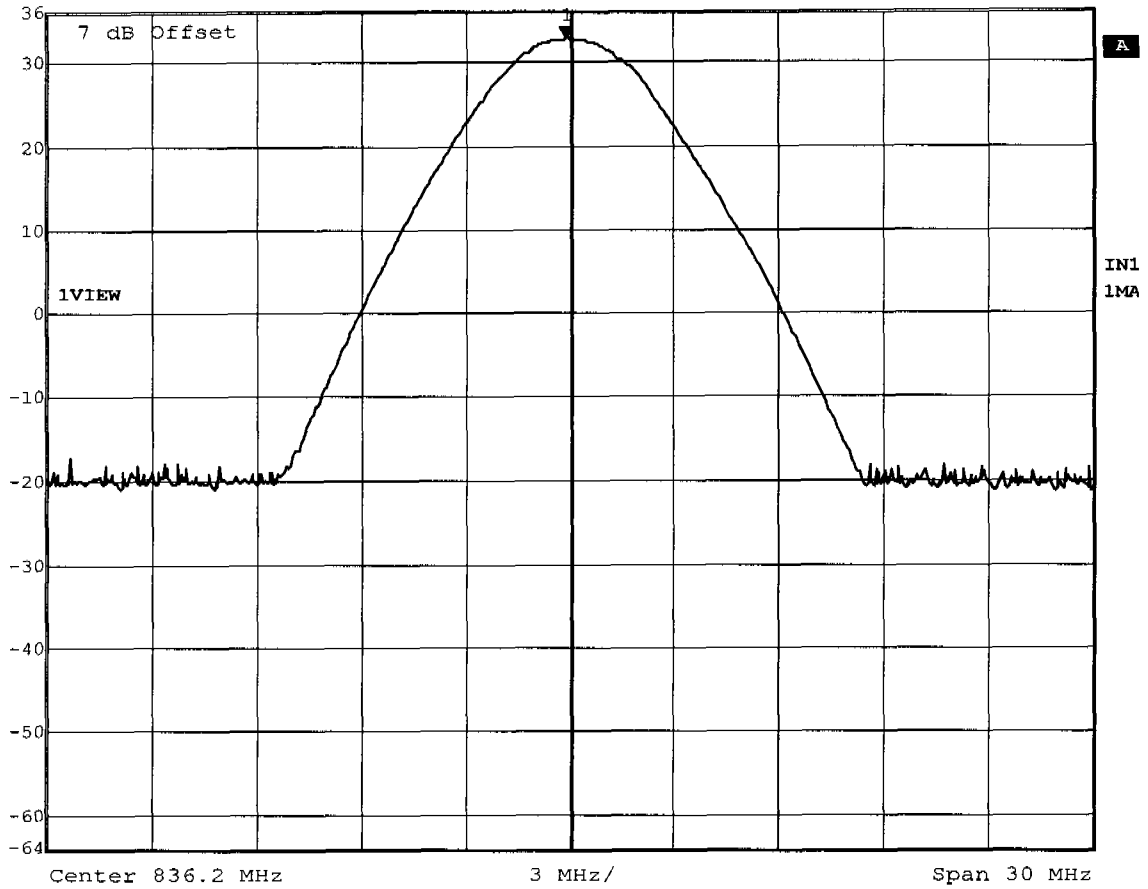
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.48 dBm VBW 3 MHz
36 dBm 824.23006012 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 128
Comment A: Crosscheck
Date: 1.DEC.2003 20:54:46



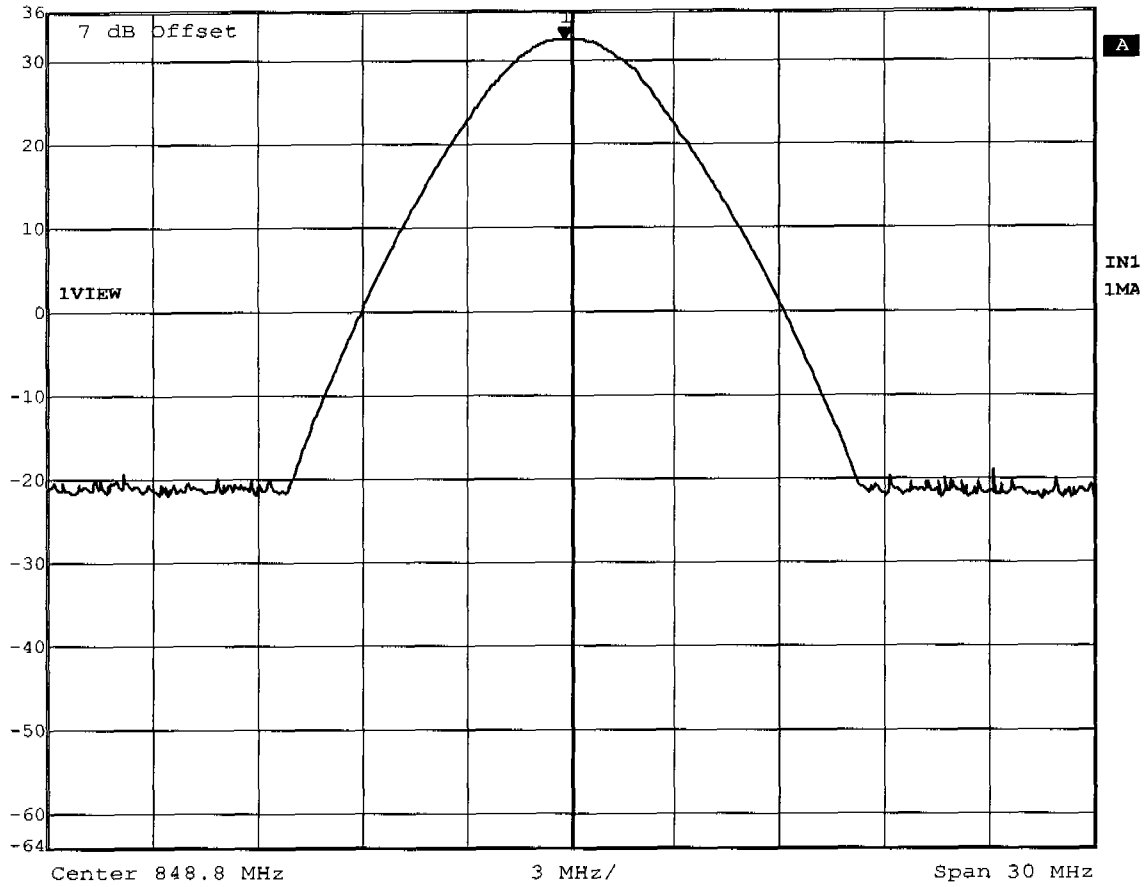
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.59 dBm VBW 10 MHz
36 dBm 836.10981964 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 251
Comment A: Crosscheck
Date: 1.DEC.2003 21:09:39



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	32.47 dBm	VBW	3 MHz	
36 dBm	848.64969940 MHz	SWT	5 ms	Unit dBm



Title: Output Power Conducted Channel: 251
Comment A: Crosscheck
Date: 1.DEC.2003 20:55:54

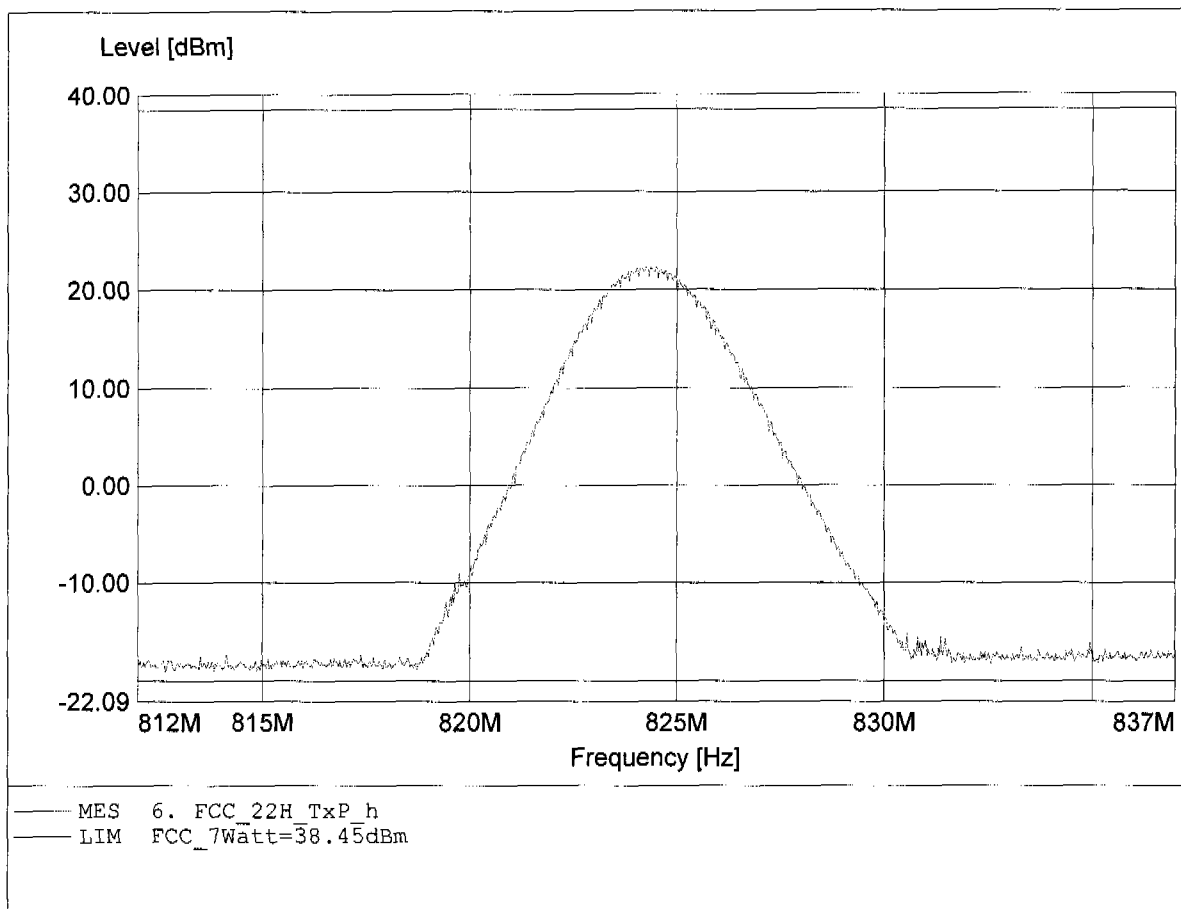


Appendix C

ERP, EIRP

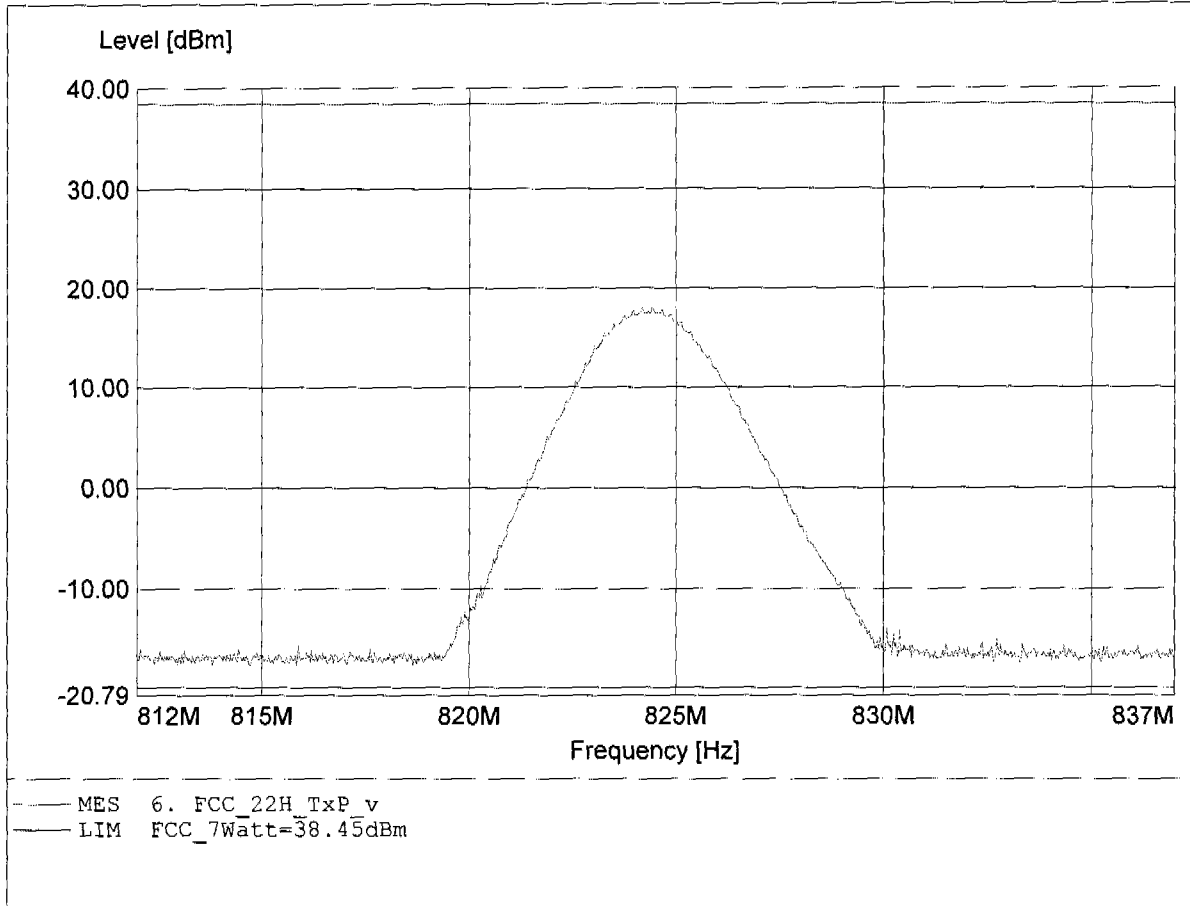
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.278MHz, Pmax: 22.22dBm, RBW: 3MHz



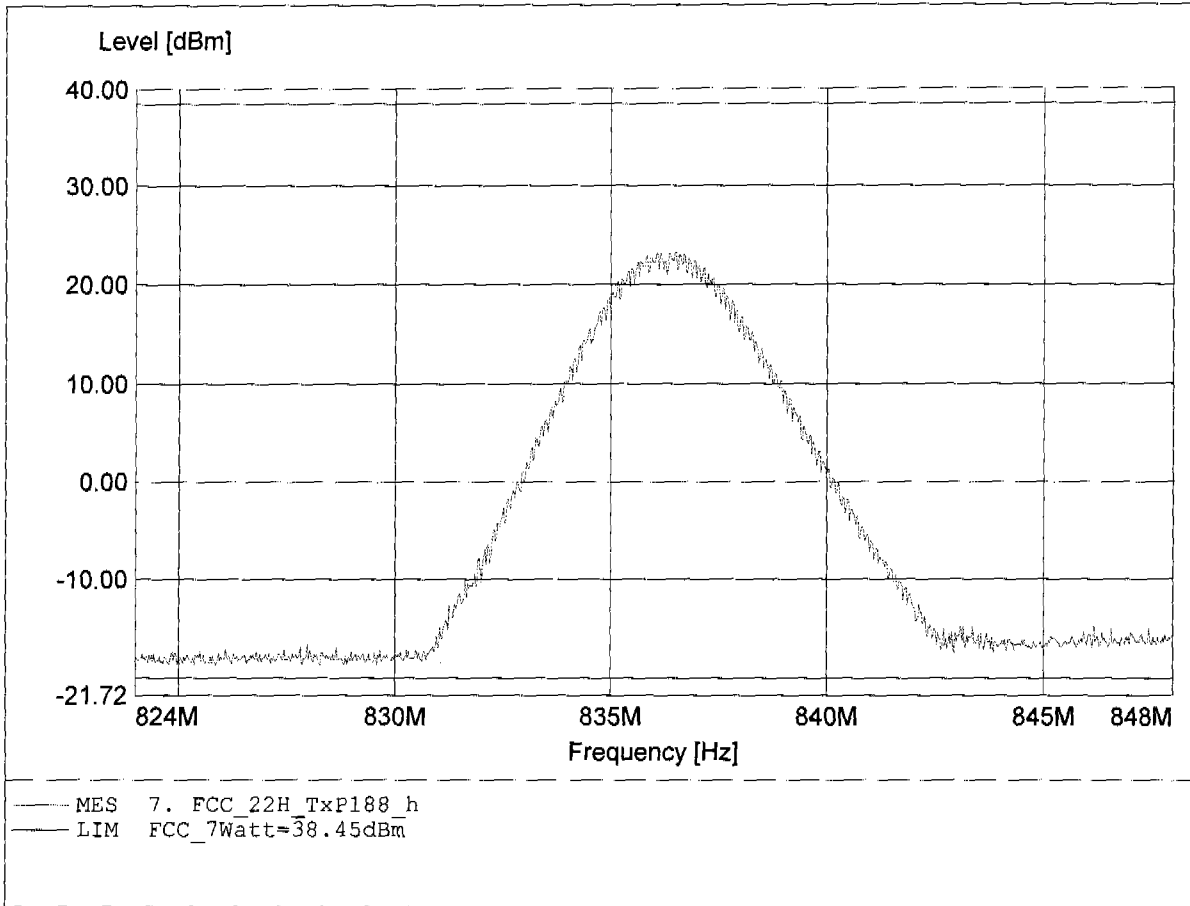
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.444MHz, Pmax: 18.05dBm, RBW: 3MHz



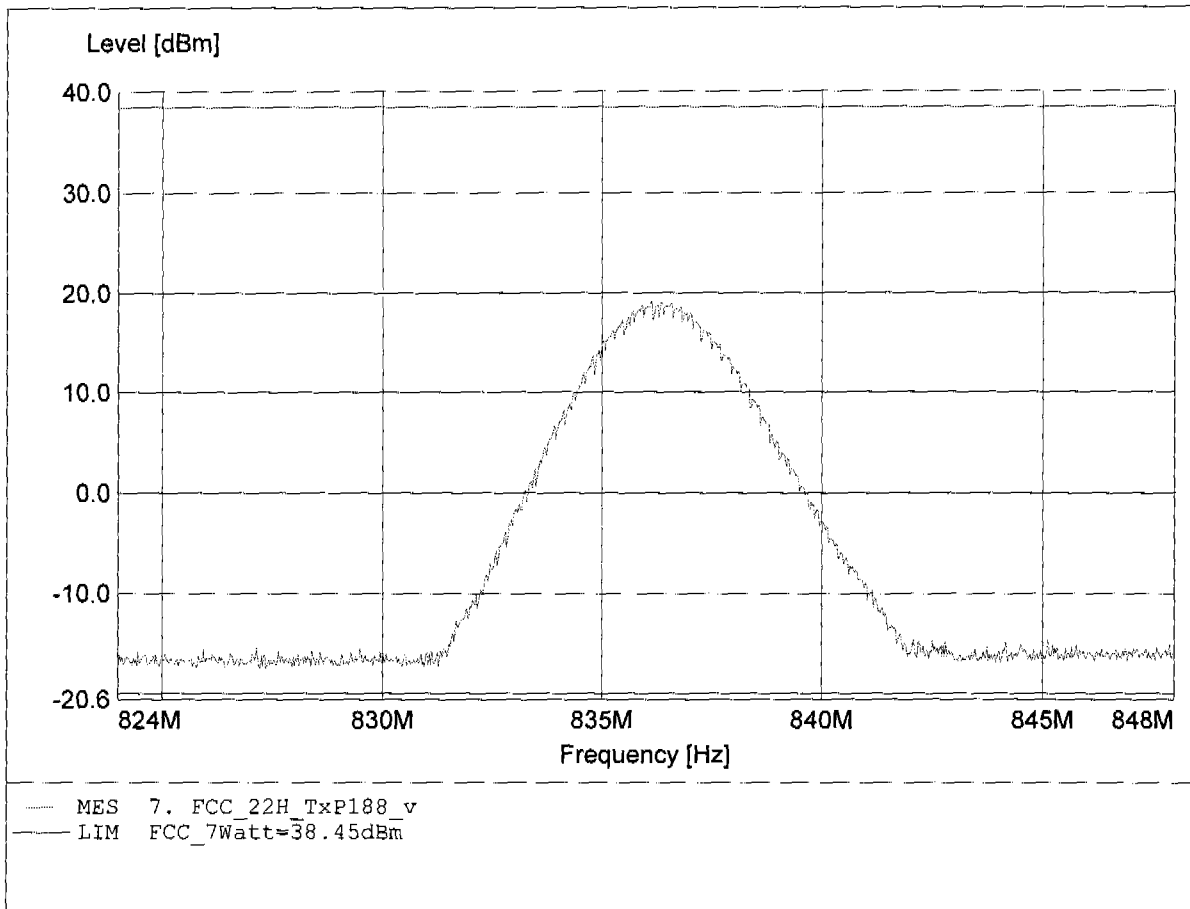
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.480MHz, Pmax: 23.22dBm, RBW: 3MHz



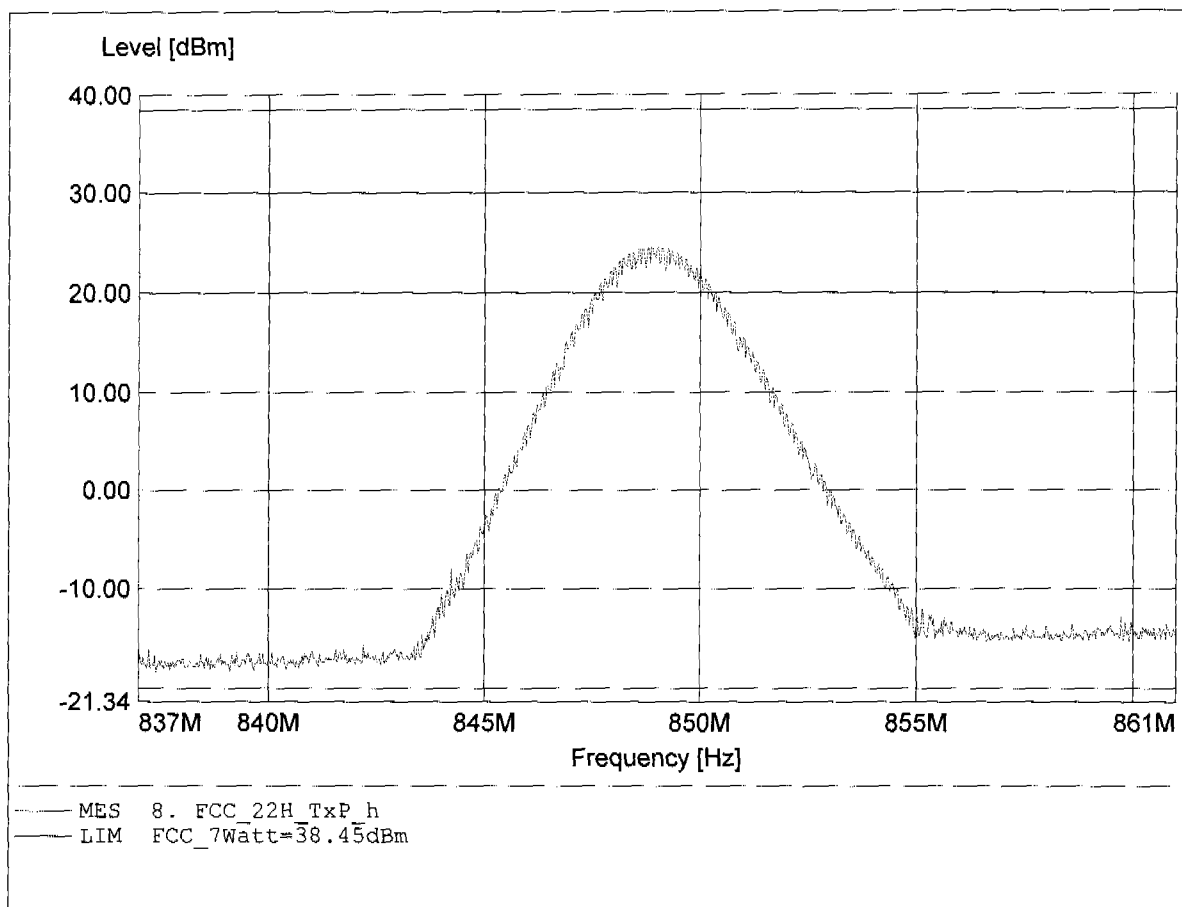
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.133MHz, Pmax: 19.10dBm, RBW: 3MHz



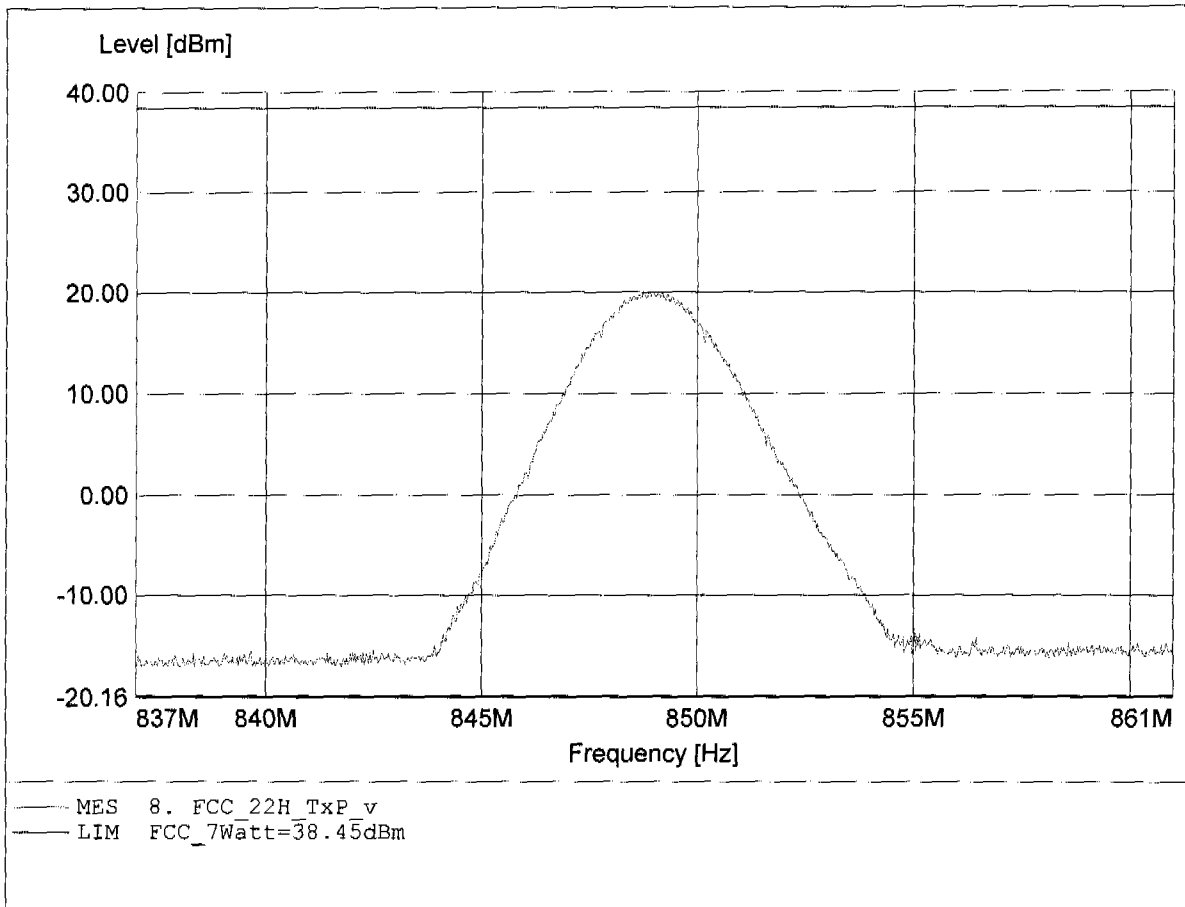
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 849.027MHz, Pmax: 24.56dBm, RBW: 3MHz



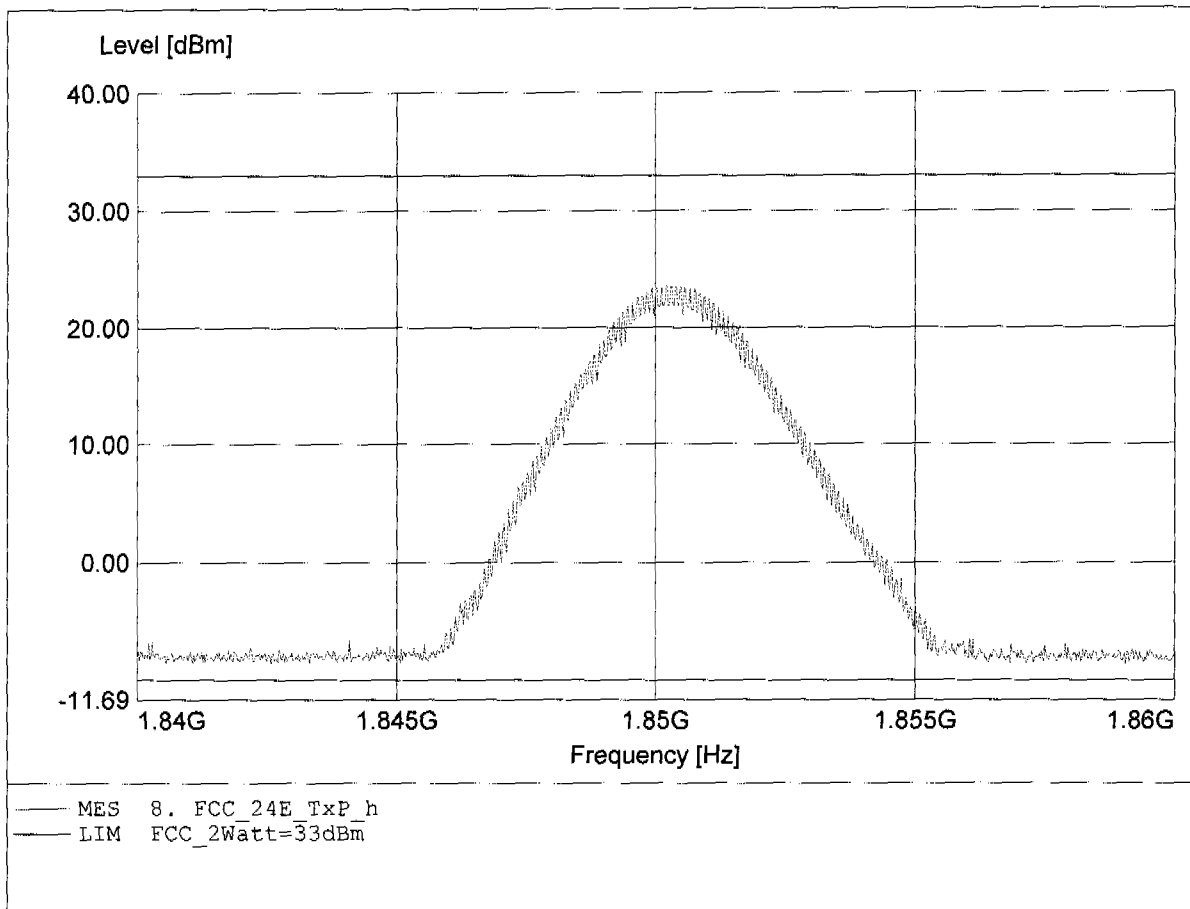
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.973MHz, Pmax: 20.09dBm, RBW: 3MHz



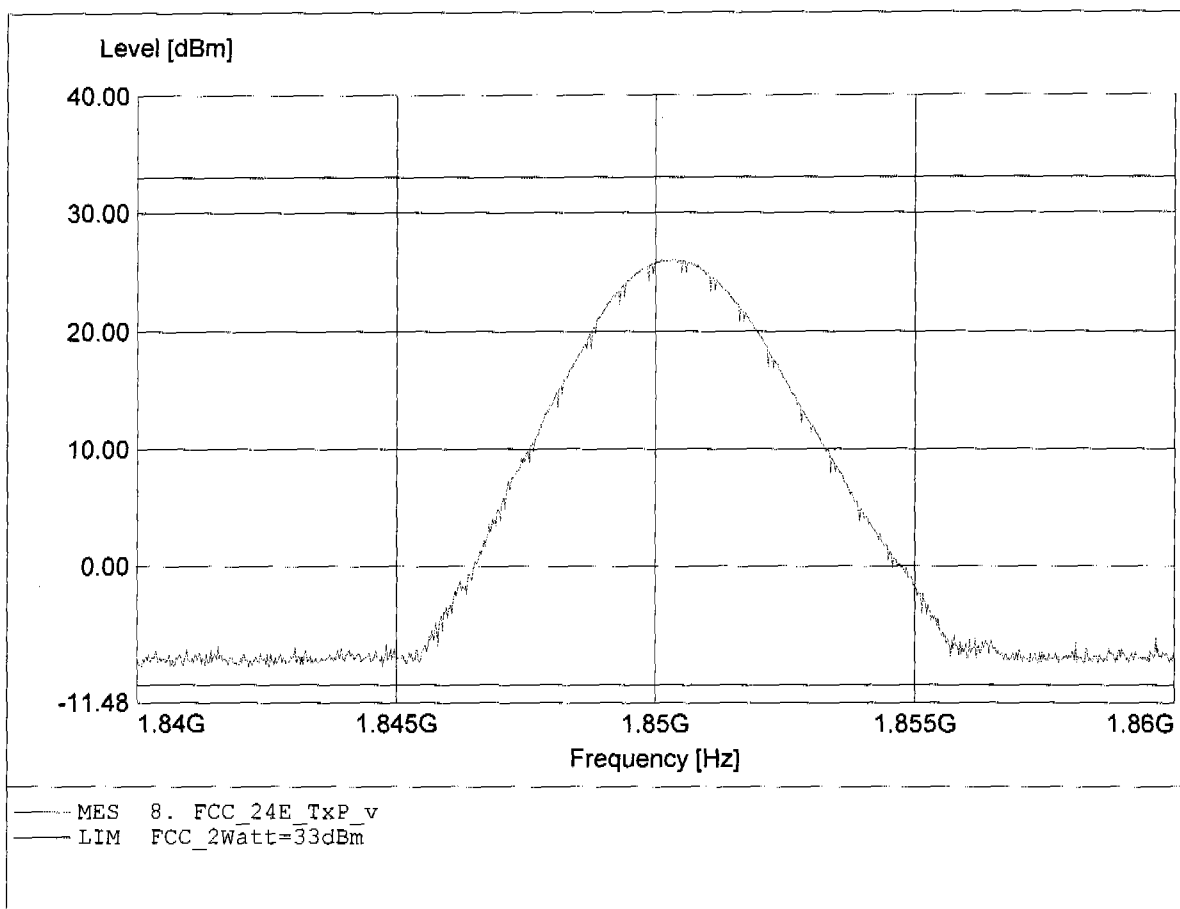
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 23.56dBm, RBW: 3MHz



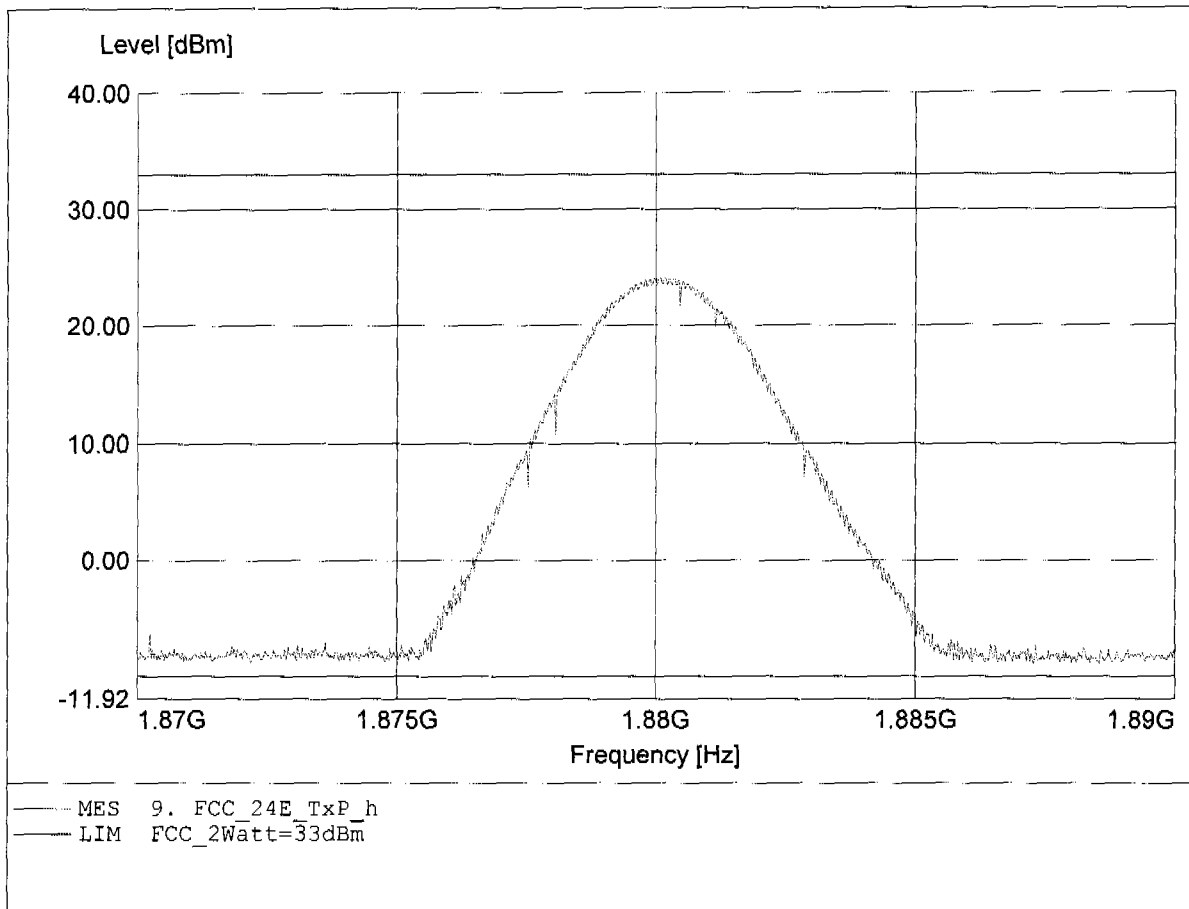
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 25.98dBm, RBW: 3MHz



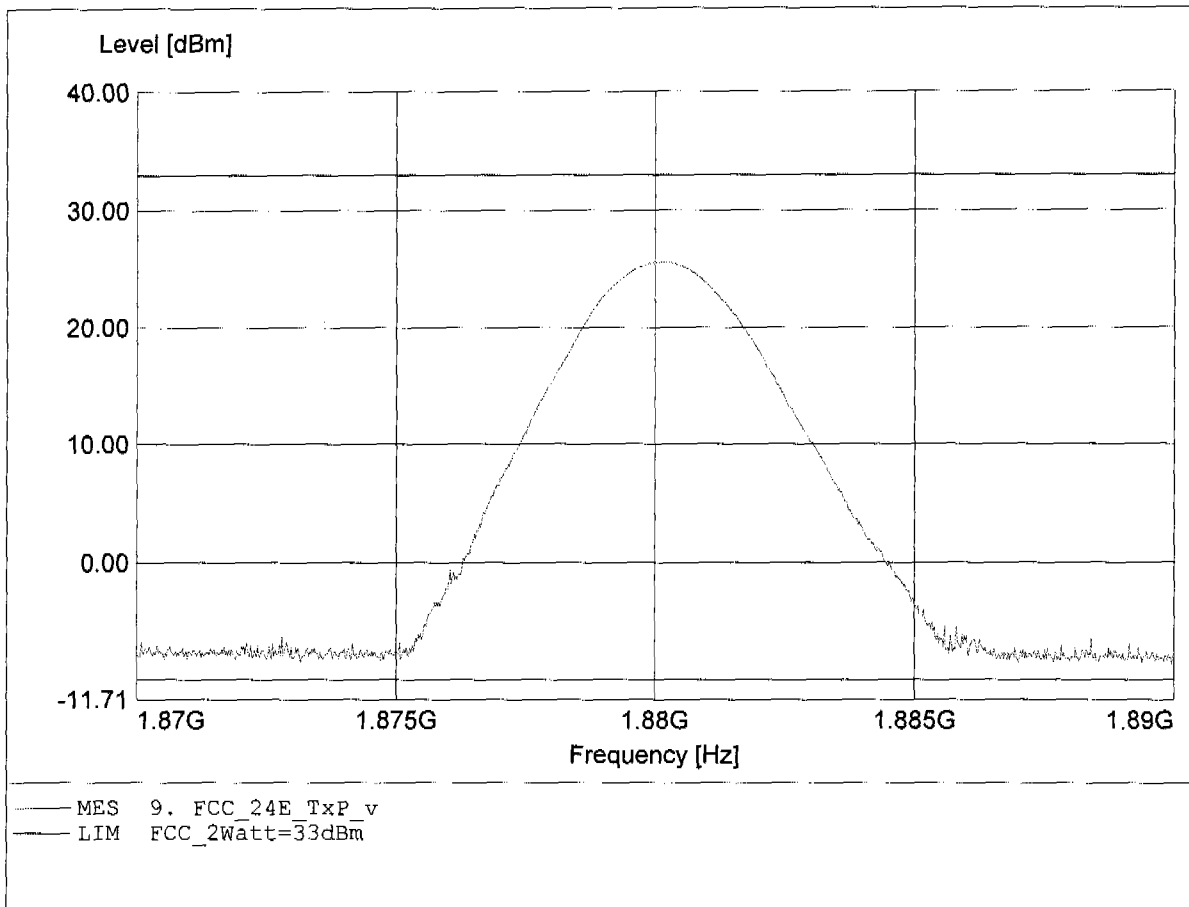
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 24.07dBm, RBW: 3MHz



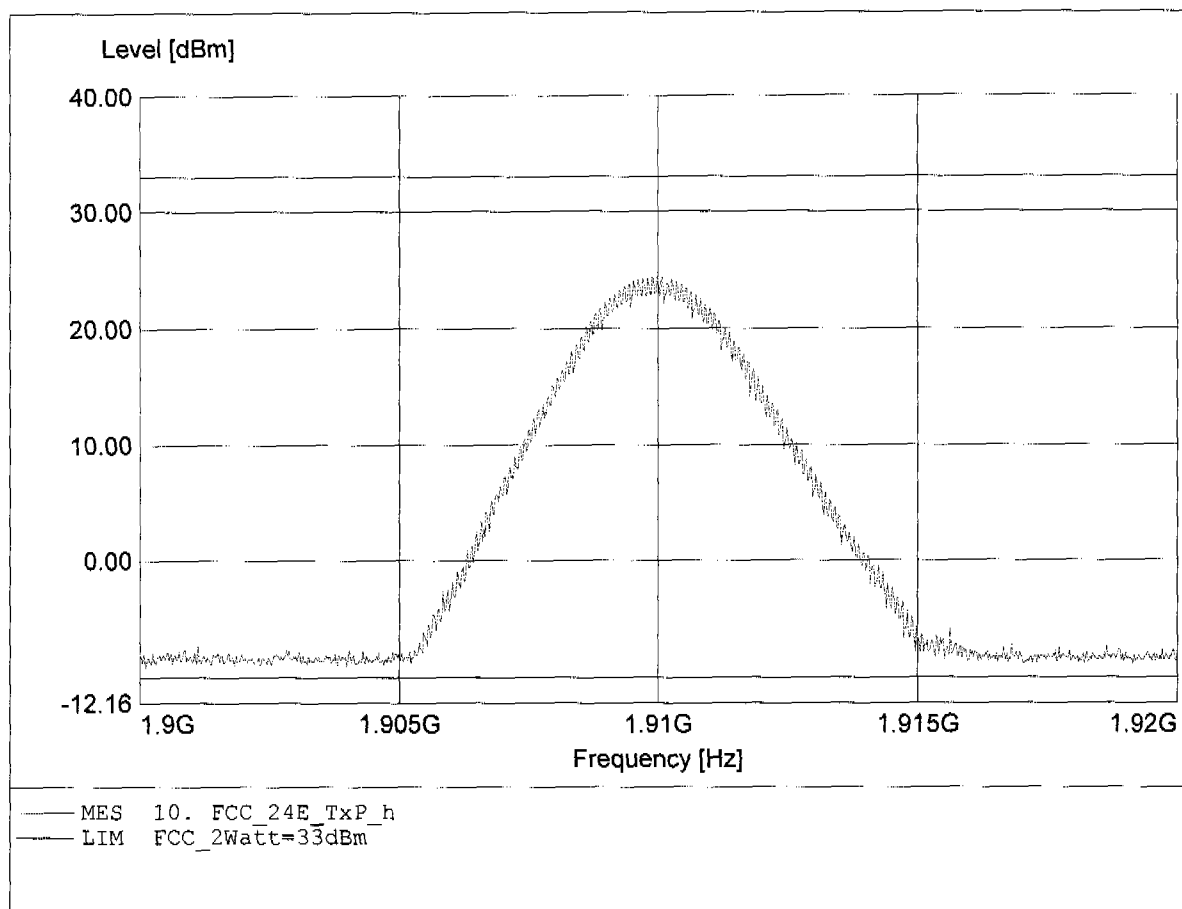
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 25.64dBm, RBW: 3MHz



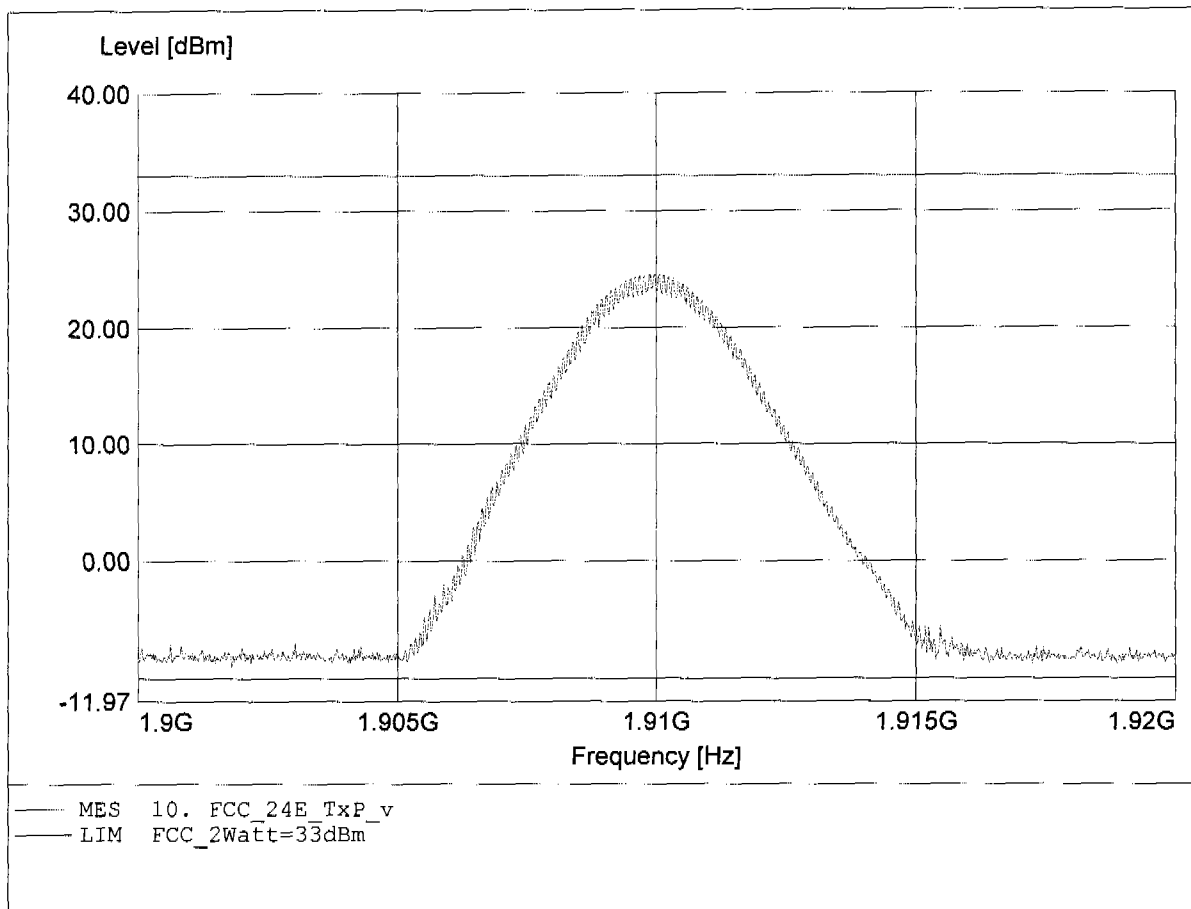
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 24.36dBm, RBW: 3MHz



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

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 24.59dBm, RBW: 3MHz





Appendix D

Modulation Requirements



Appendix E

Audio Filter Characteristics



Appendix F

Emission Limitation

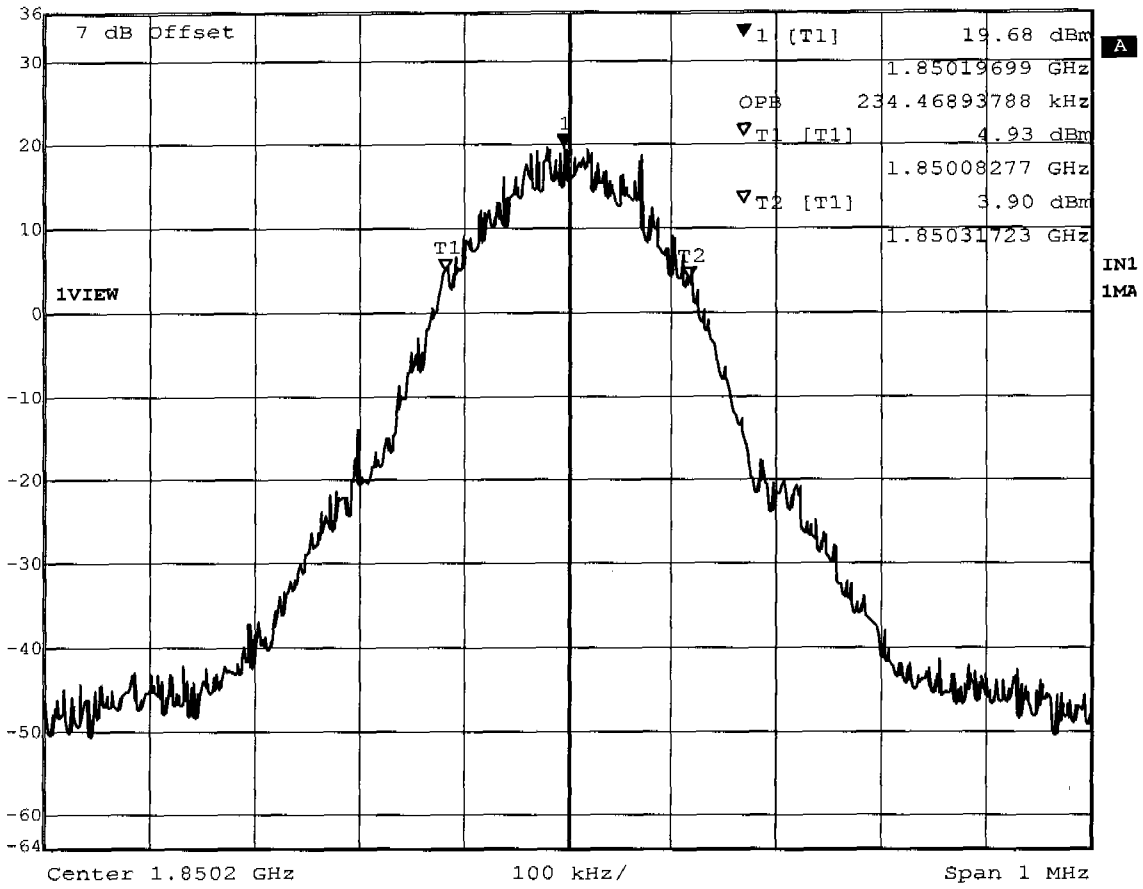


Appendix G

Occupied Bandwidth



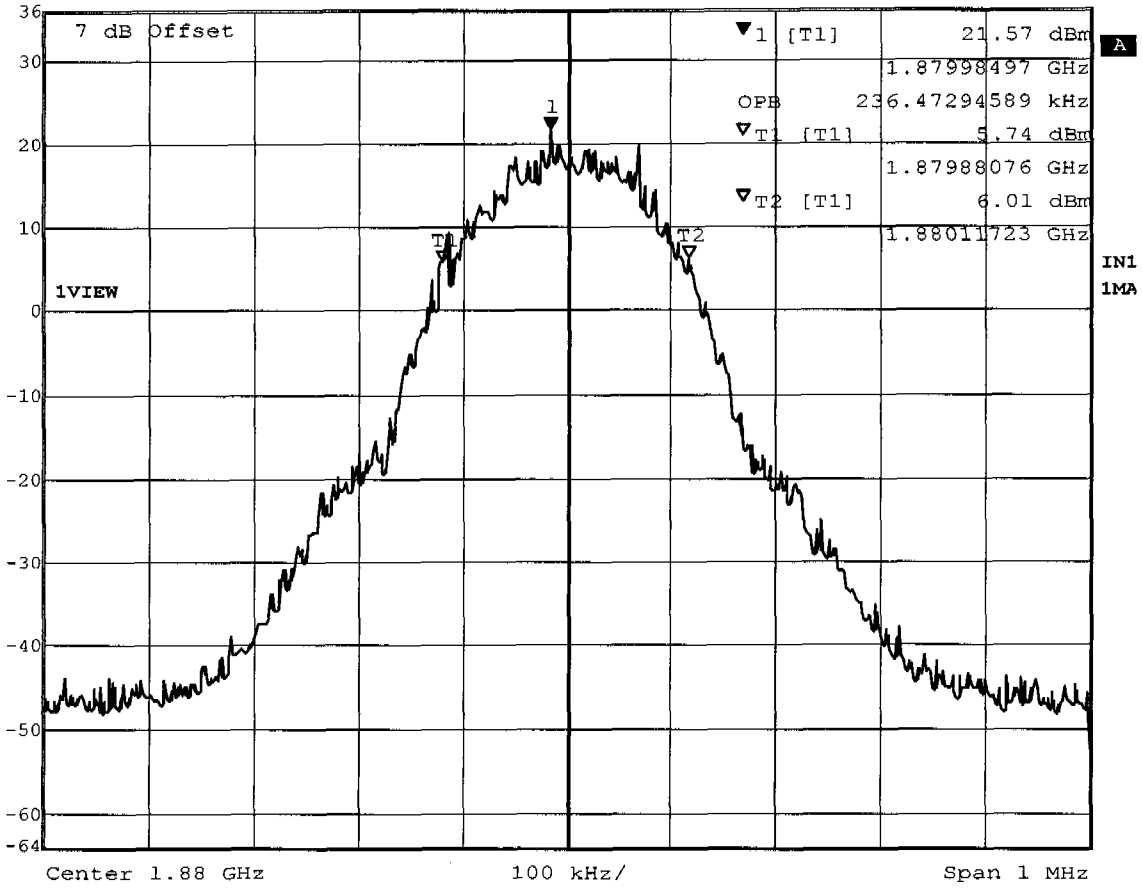
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 19.68 dBm VBW 3 kHz
36 dBm 1.85019699 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 512
Comment A: Crosscheck
Date: 1.DEC.2003 20:27:45



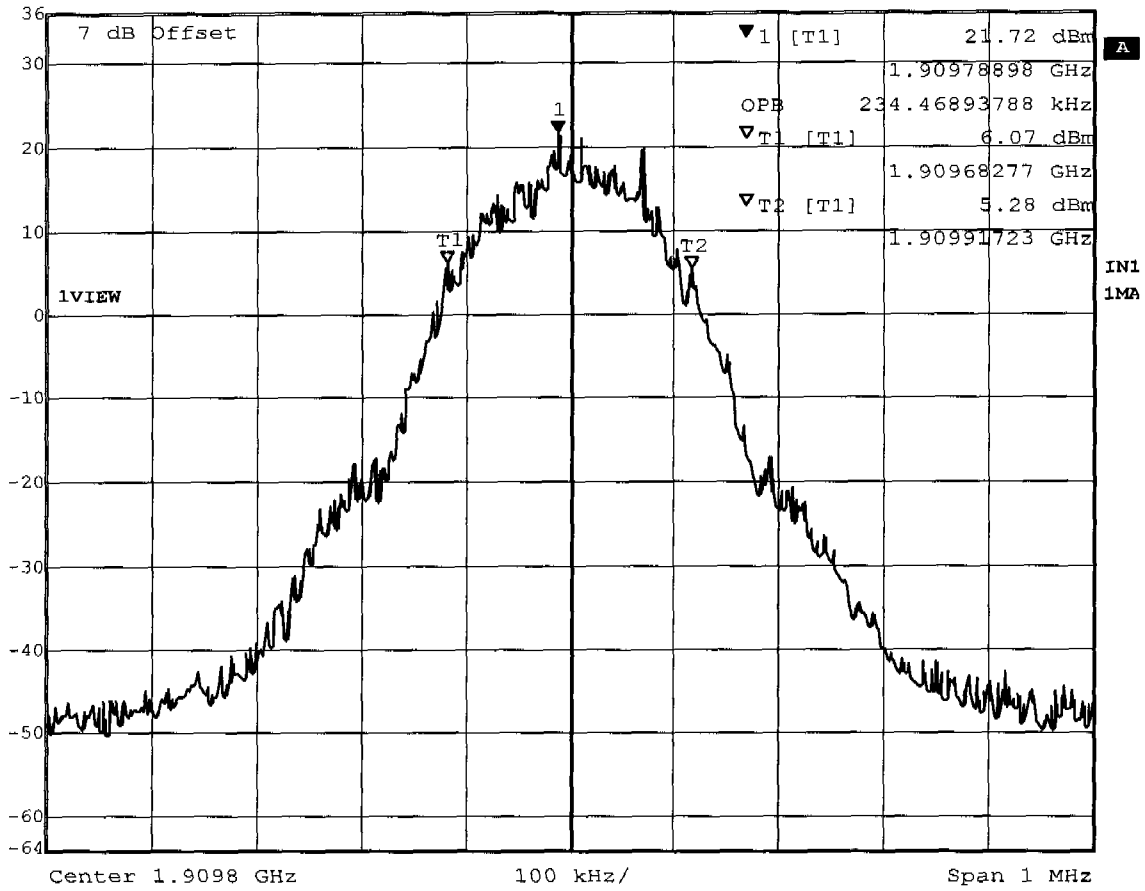
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 21.57 dBm VBW 3 kHz
36 dBm 1.87998497 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 661
Comment A: Crosscheck
Date: 1.DEC.2003 20:31:27



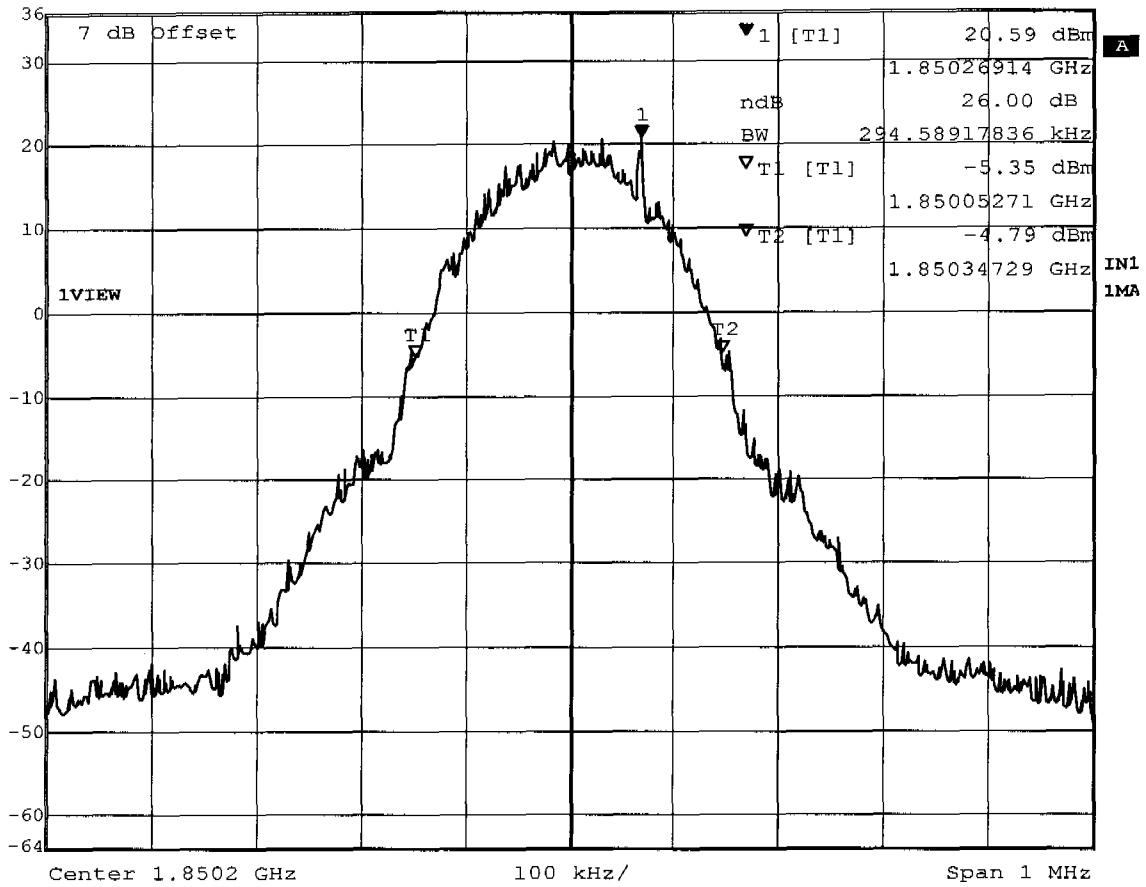
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 21.72 dBm VBW 3 kHz
36 dBm 1.90978898 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 810
Comment A: Crosscheck
Date: 1.DEC.2003 20:37:02



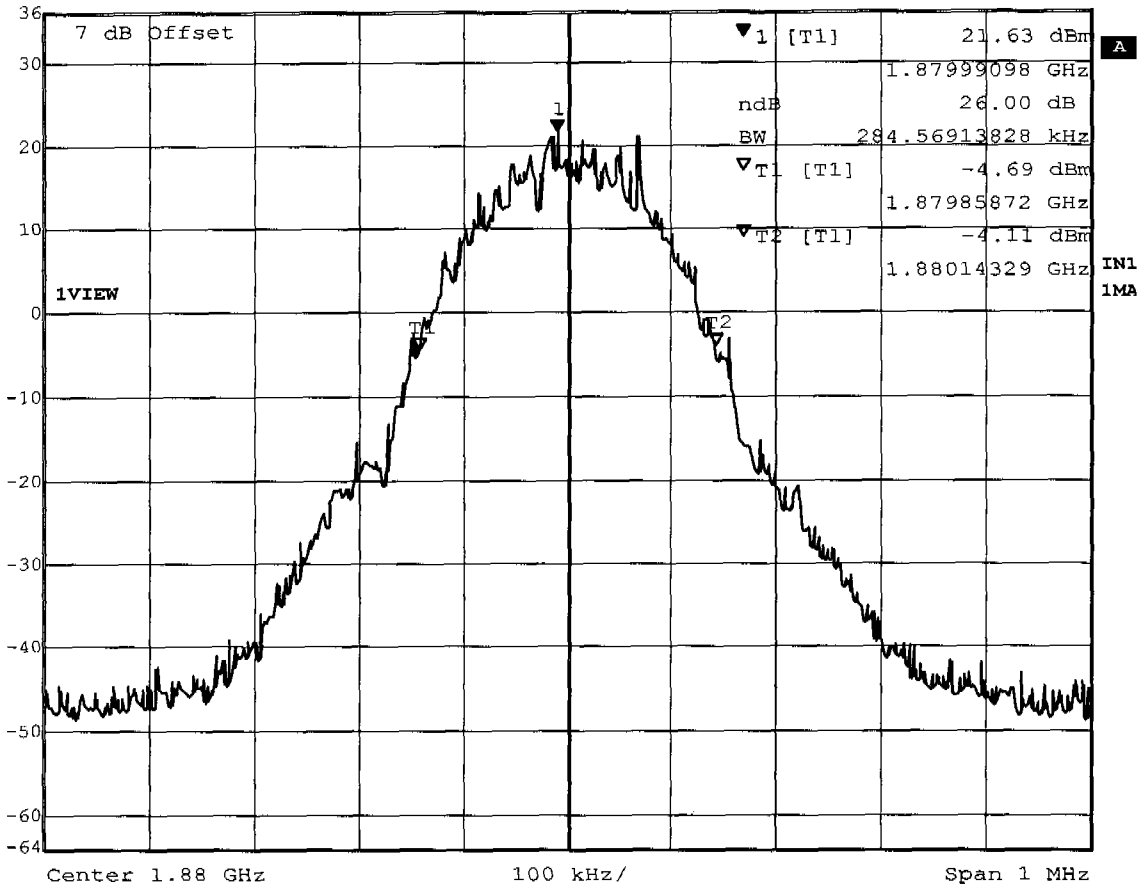
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 294.58917836 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 512
 Comment A: Crosscheck
 Date: 1.DEC.2003 20:26:24



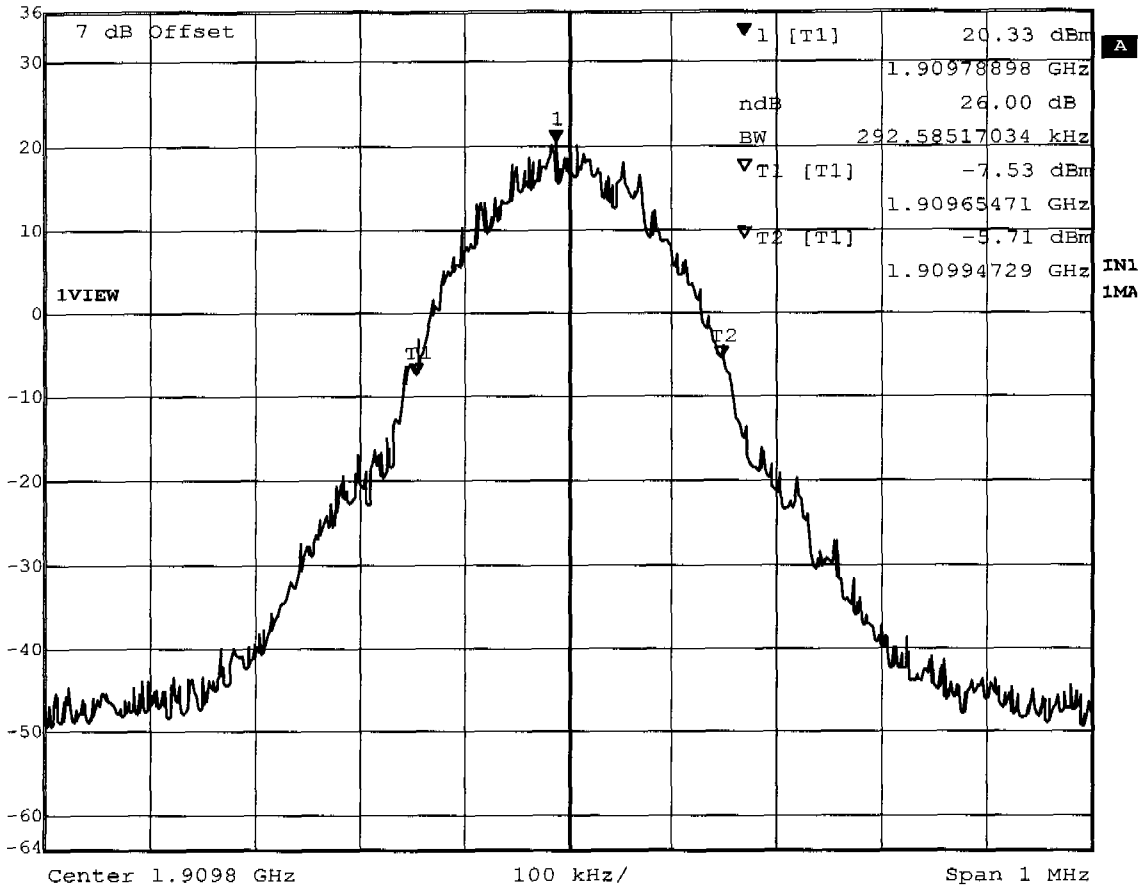
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 284.56913828 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 661
Comment A: Crosscheck
Date: 1.DEC.2003 20:32:49



Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 292.58517034 kHz SWT 280 ms Unit dBm



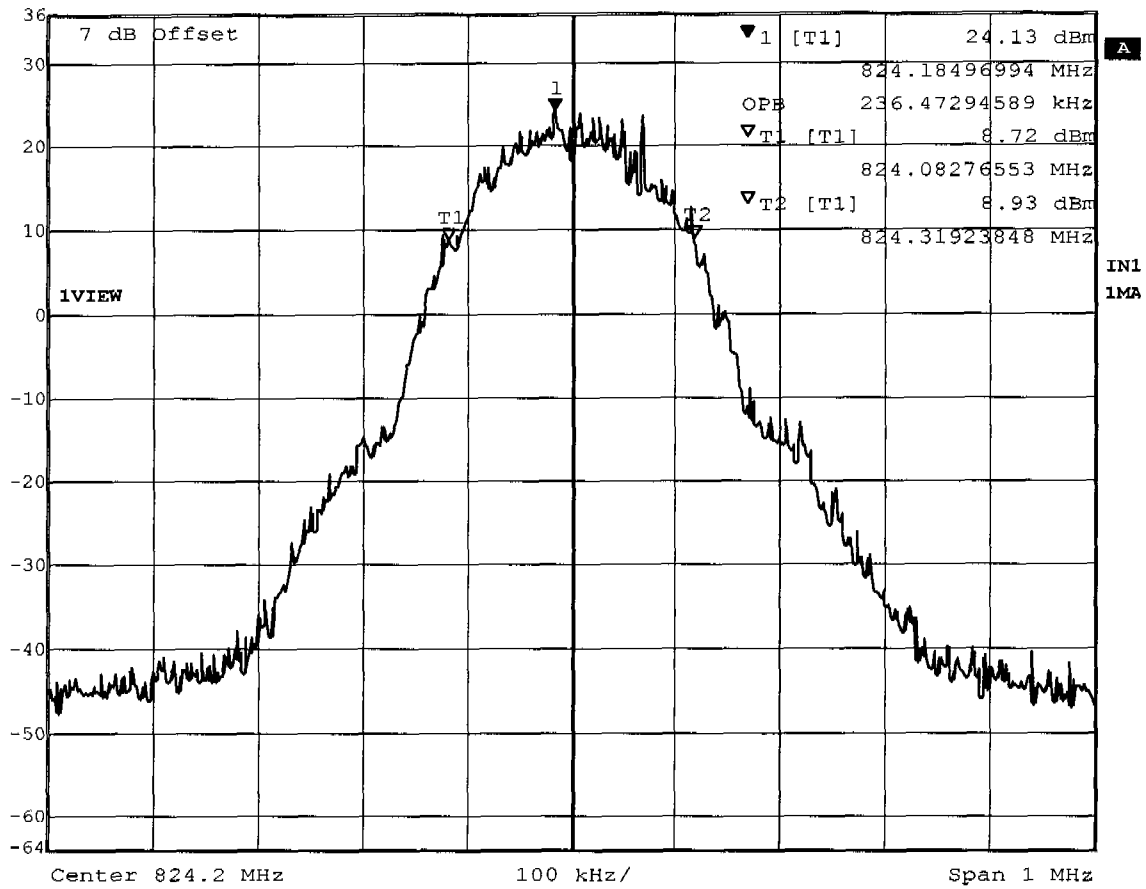
Title: -26 dBc Emission Bandwidth Channel: 810

Comment A: Crosscheck

Date: 1.DEC.2003 20:35:48



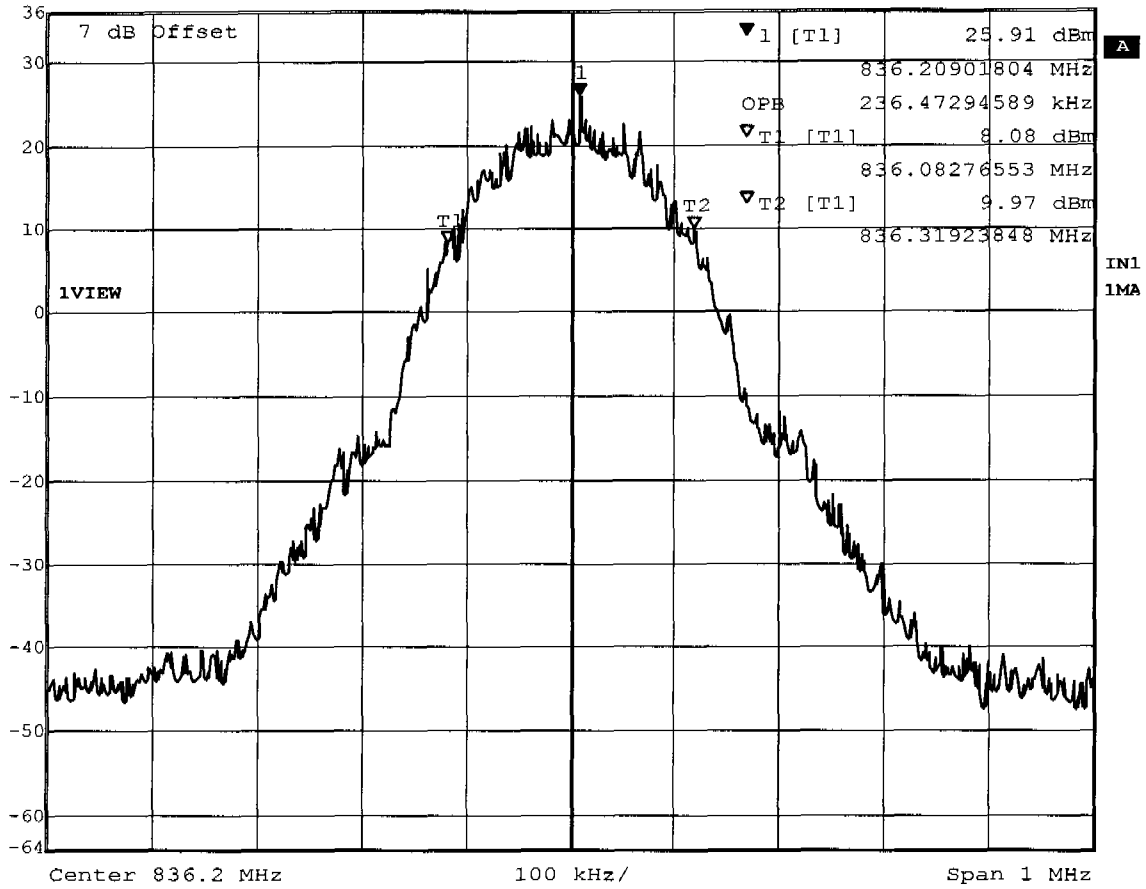
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.13 dBm VBW 3 kHz
36 dBm 824.18496994 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 128
Comment A: Crosscheck
Date: 1.DEC.2003 20:53:46



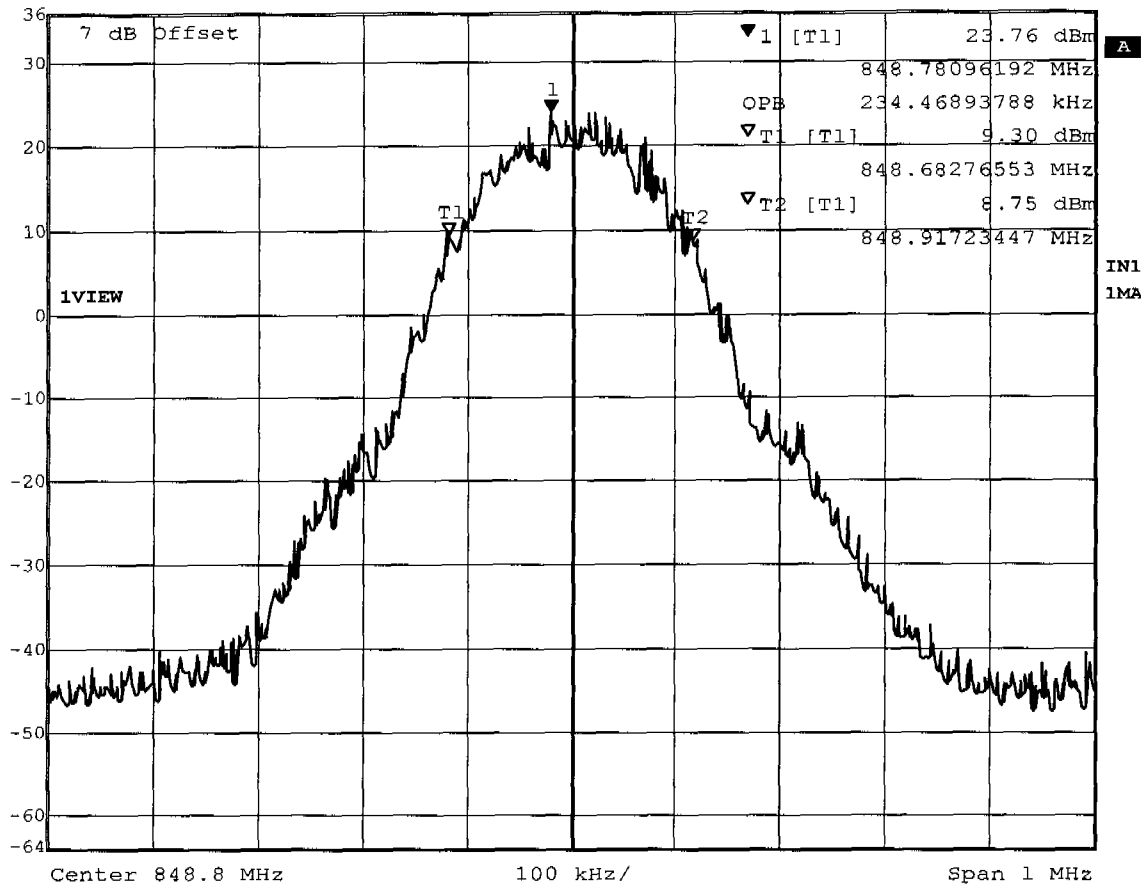
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 25.91 dBm VBW 3 kHz
36 dBm 836.20901804 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 188
Comment A: Crosscheck
Date: 1.DEC.2003 21:03:06



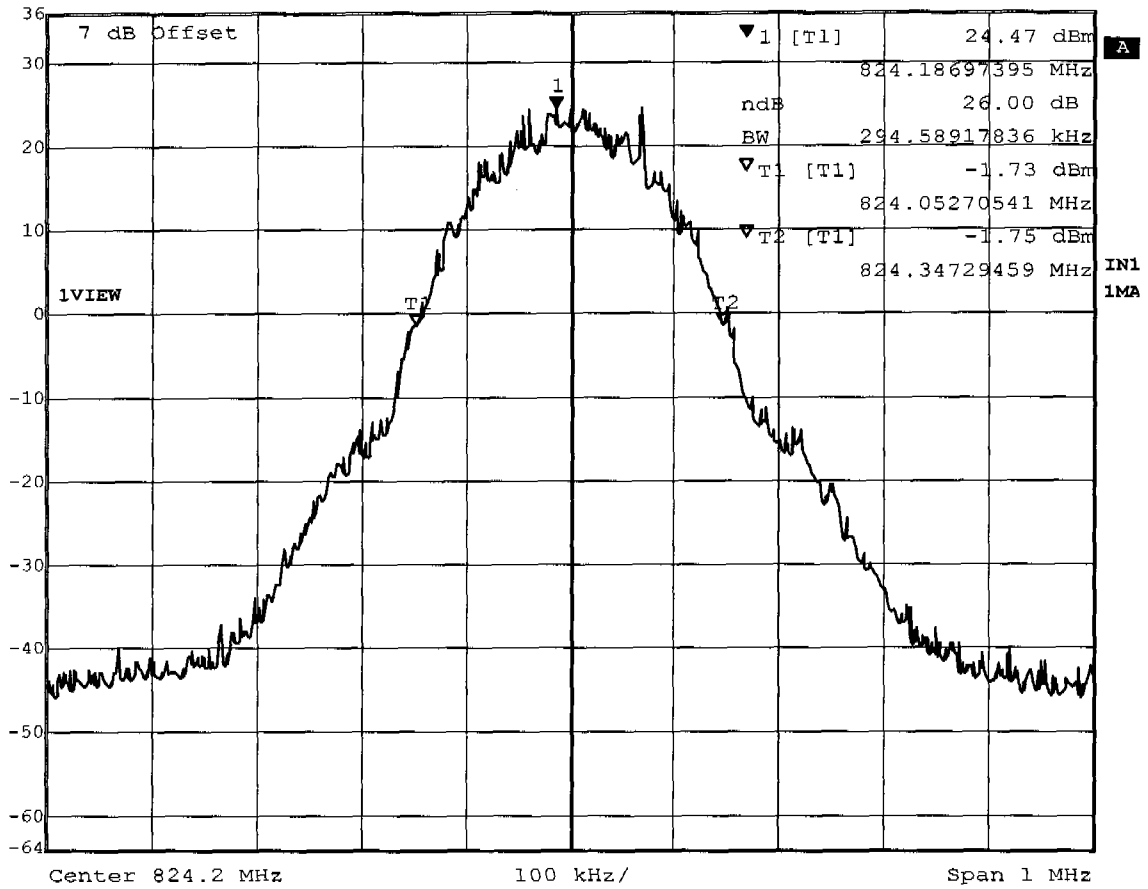
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 23.76 dBm VBW 3 kHz
36 dBm 848.78096192 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 251
Comment A: Crosscheck
Date: 1.DEC.2003 20:57:05



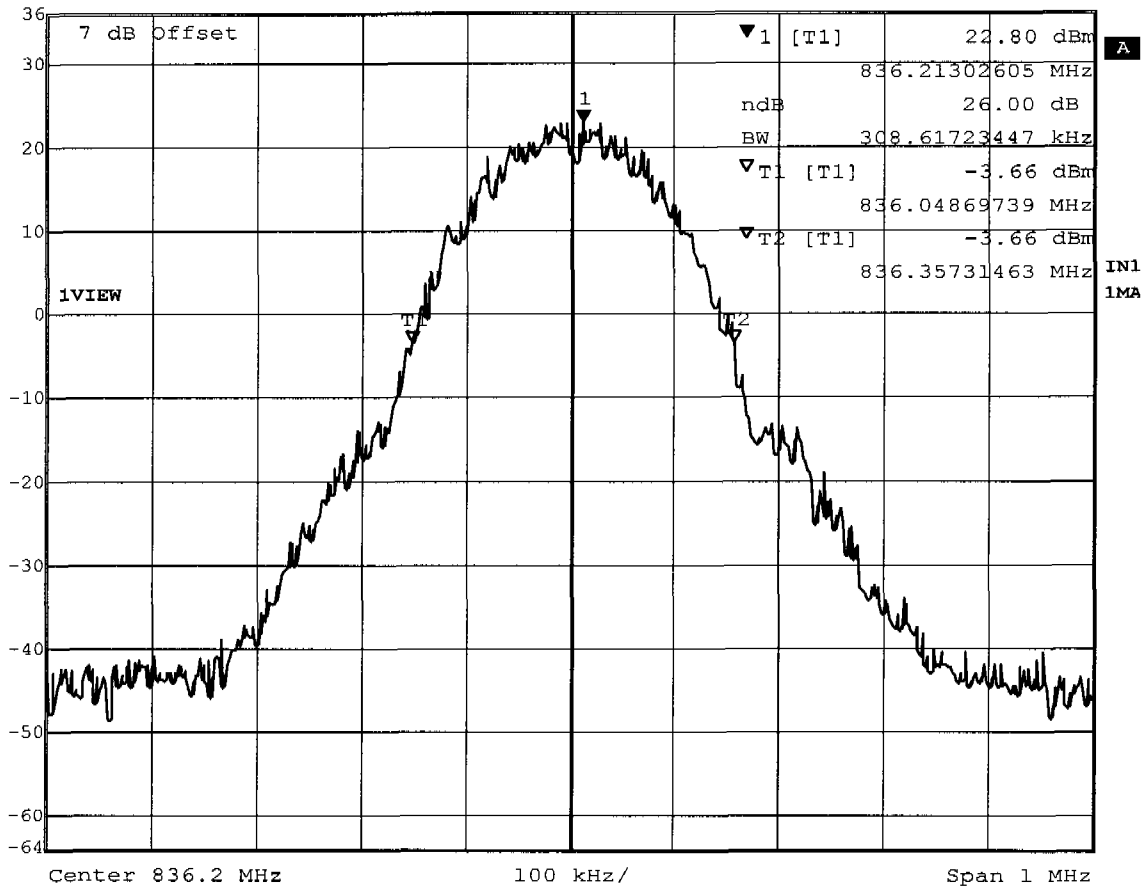
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 294.58917836 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 128
Comment A: Crosscheck
Date: 1.DEC.2003 20:52:09



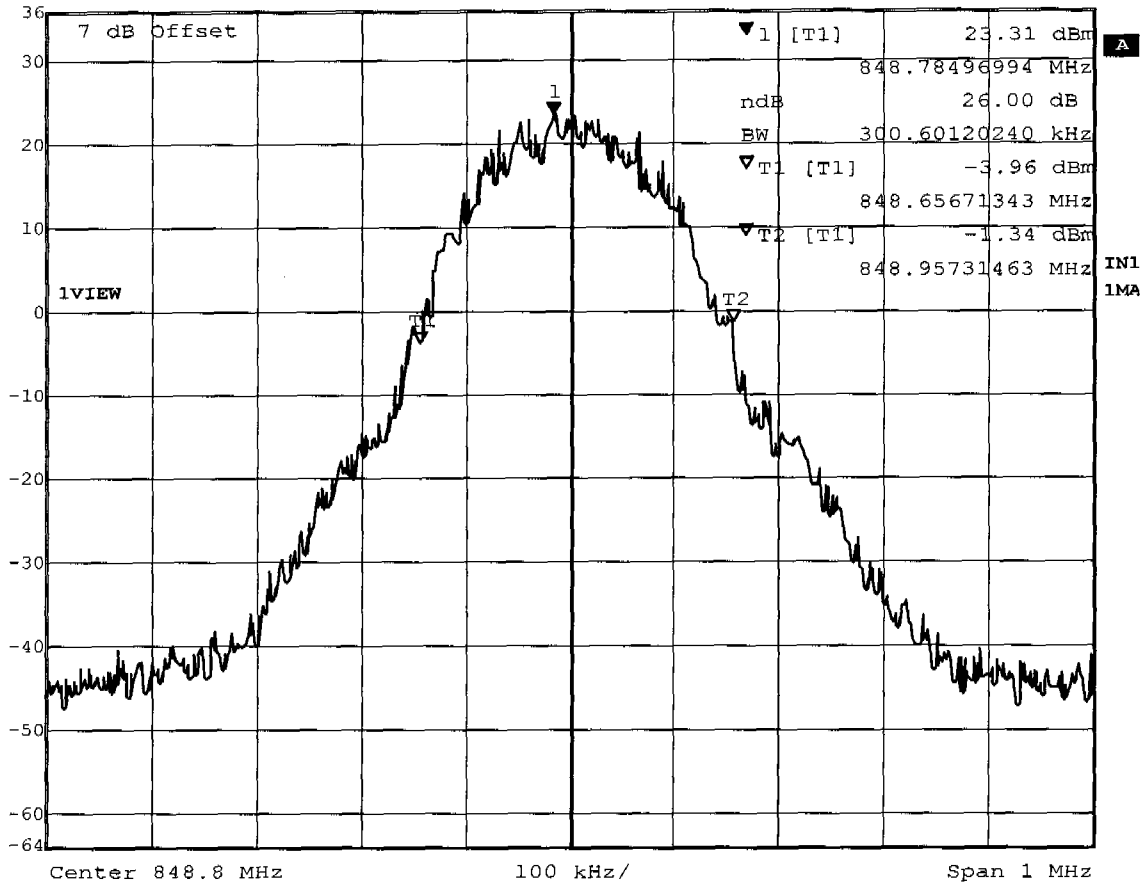
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 308.61723447 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 188
 Comment A: Crosscheck
 Date: 1.DEC.2003 21:01:34



Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 300.60120240 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 251
Comment A: Crosscheck
Date: 1.DEC.2003 20:58:30

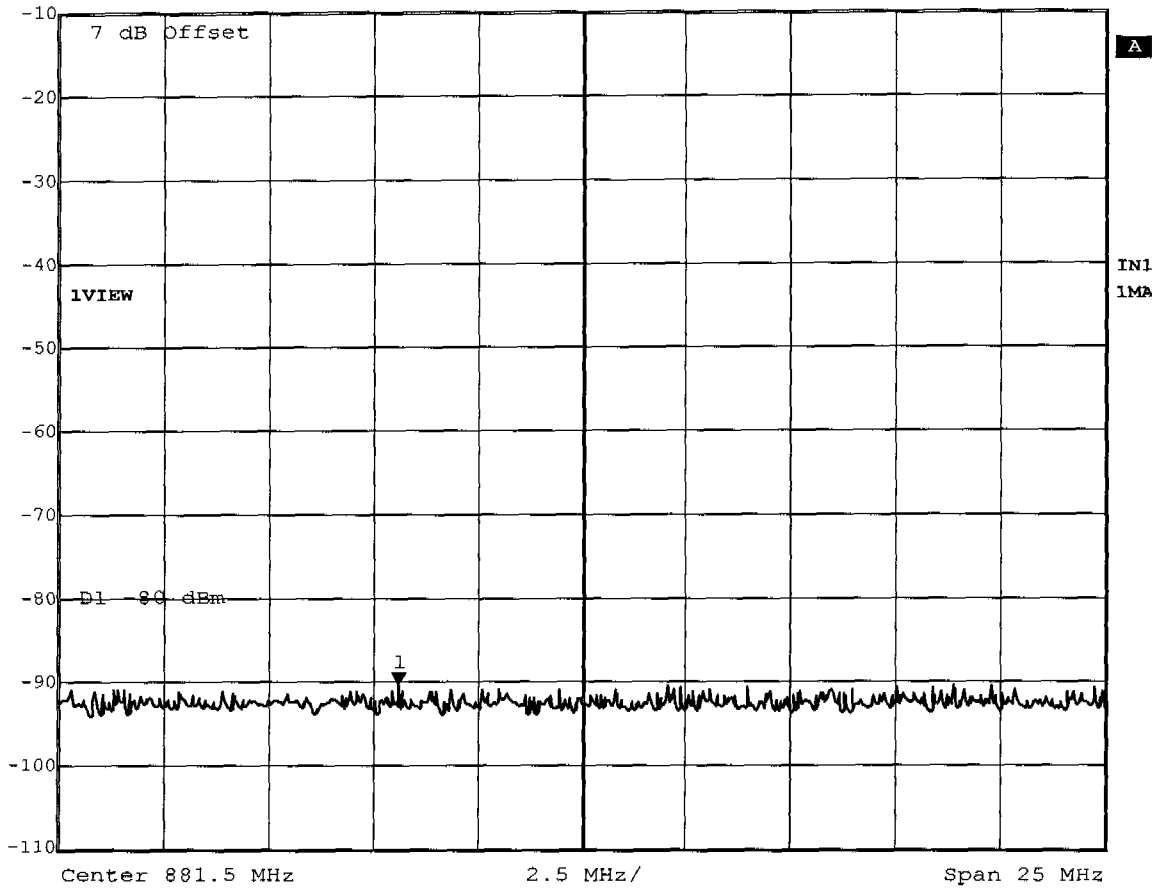


Appendix H

Emissions in Receiver Critical Band



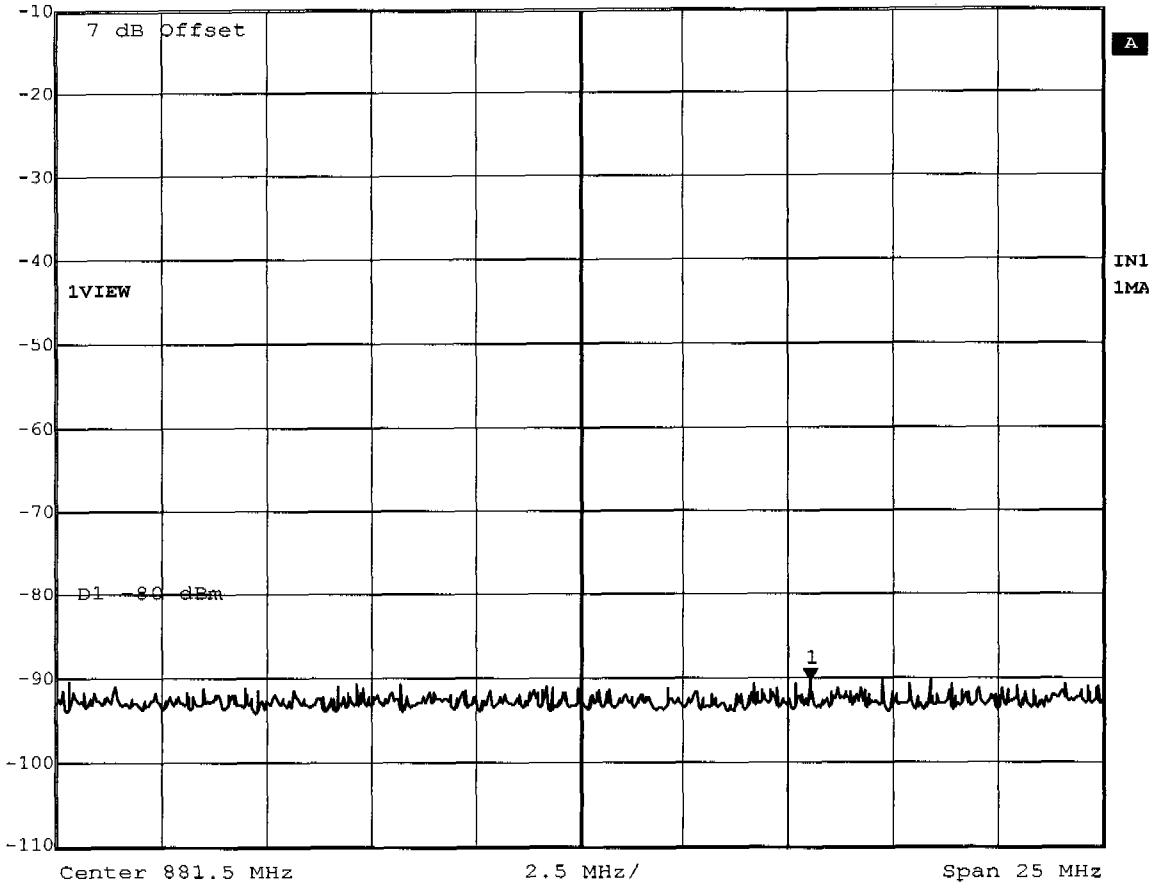
Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -90.26 dBm VBW 30 kHz
-10 dBm 877.11623246 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 128
Comment A: Crosscheck
Date: 1.DEC.2003 21:12:30



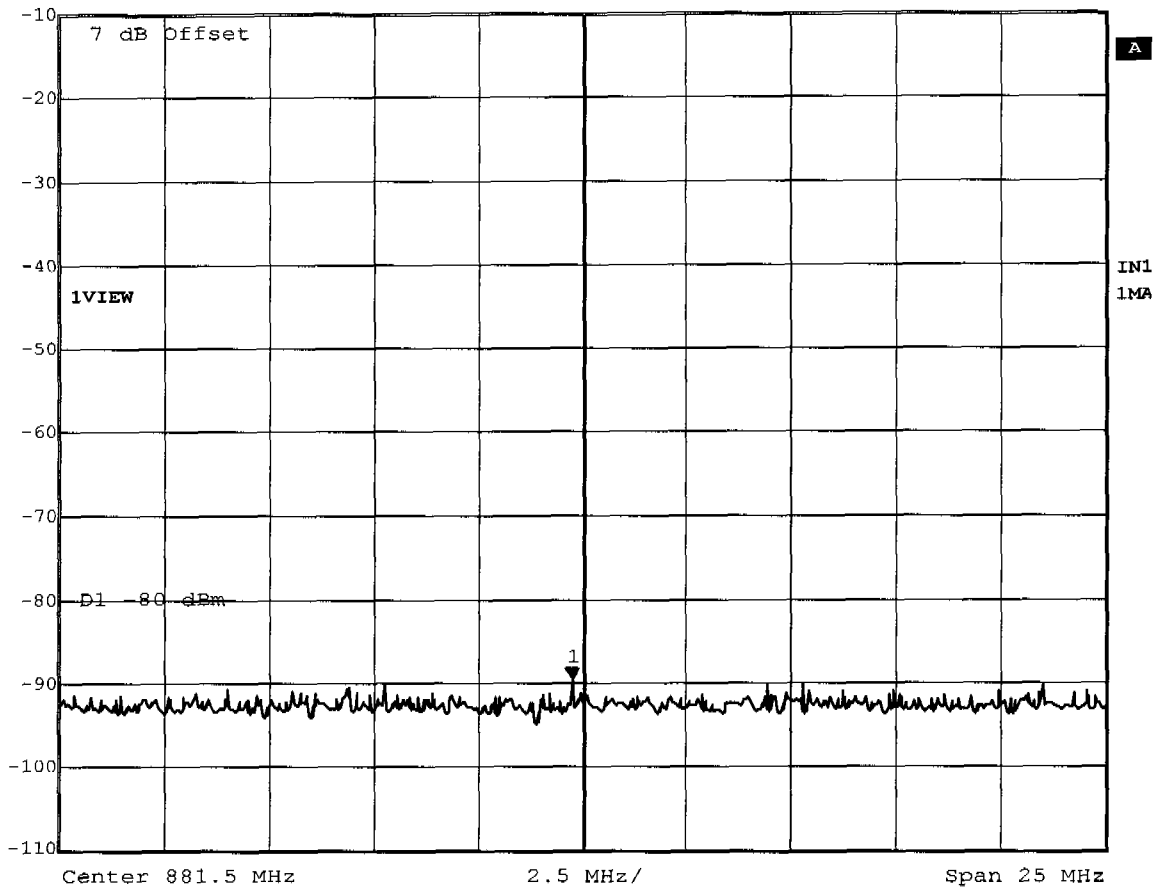
Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -90.38 dBm VBW 30 kHz
-10 dBm 887.03607214 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 188
Comment A: Crosscheck
Date: 1.DEC.2003 21:15:23



Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -89.65 dBm VBW 30 kHz
-10 dBm 881.27454910 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 251

Comment A: Crosscheck

Date: 1.DEC.2003 21:16:23



Appendix I

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

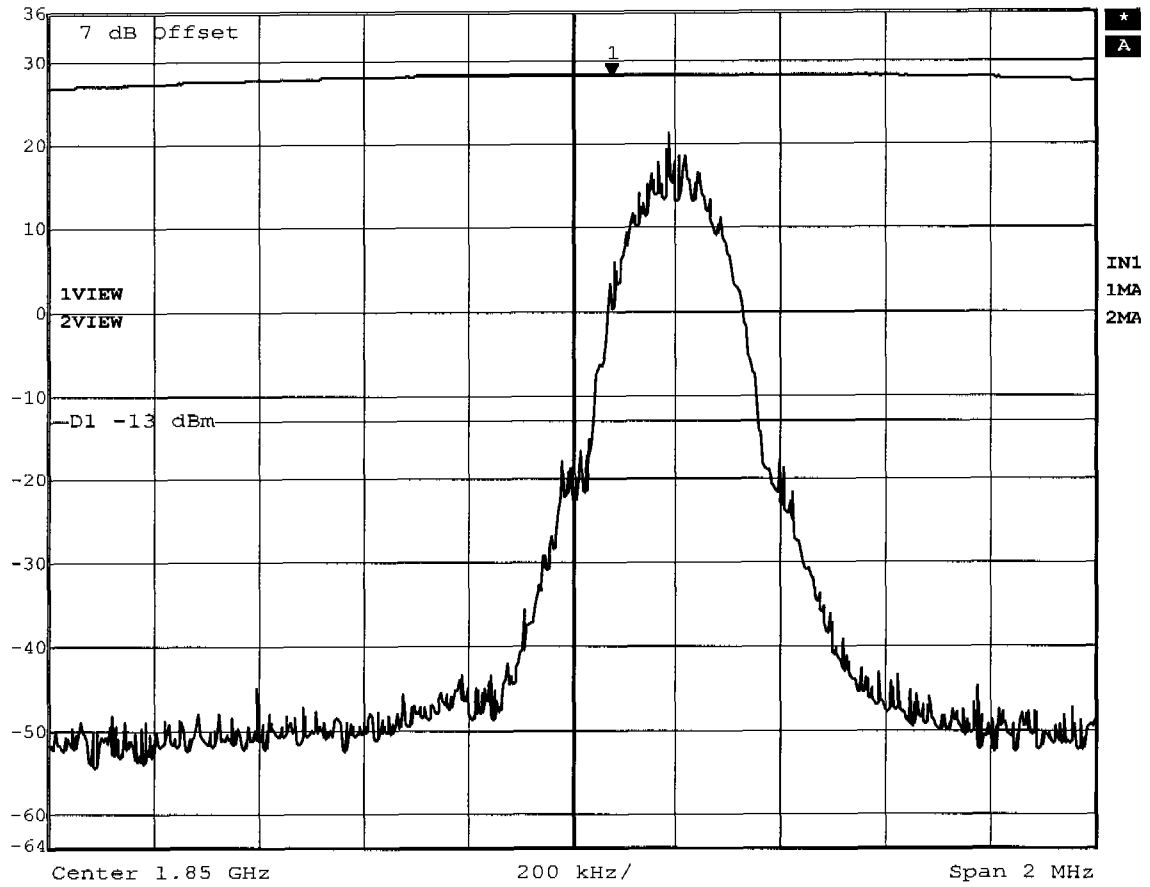


Appendix J

Field Strength of Spurious Radiation



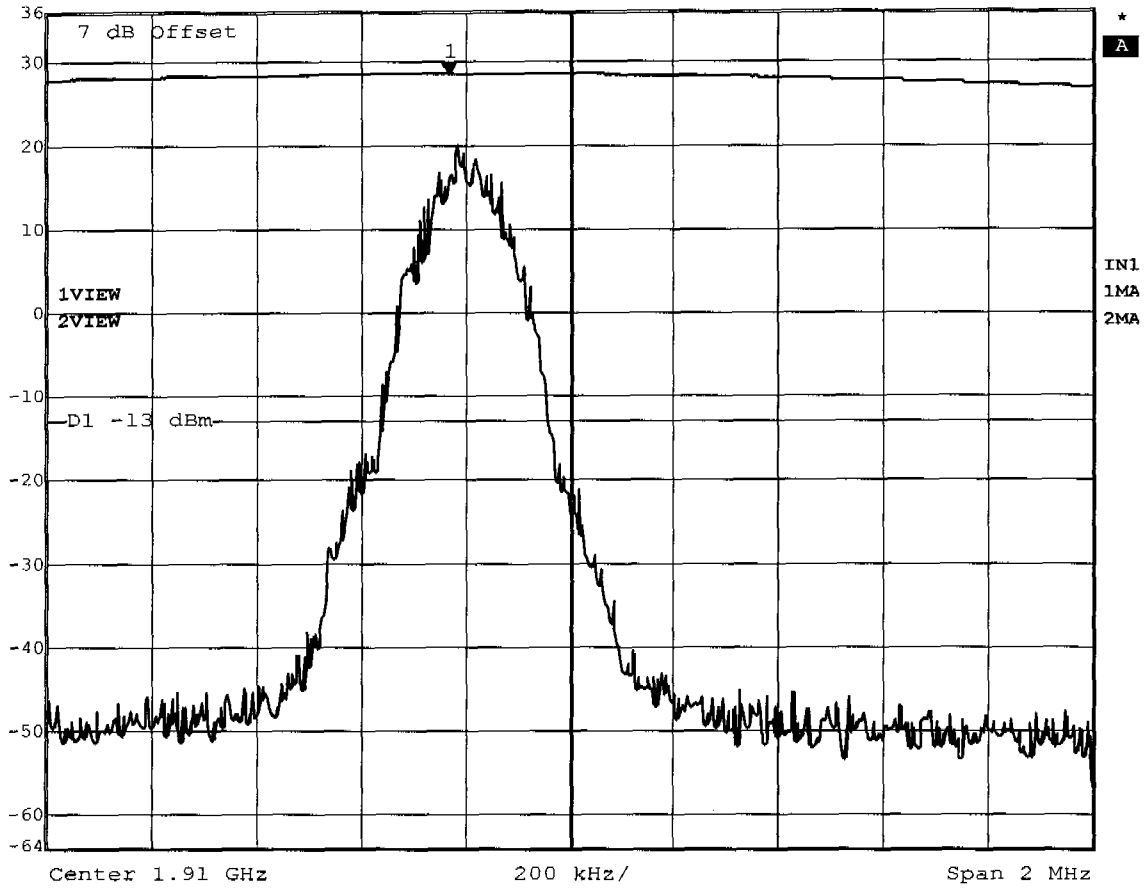
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 28.25 dBm VBW 3 kHz
36 dBm 1.85007816 GHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Comment A: Crosscheck
Date: 1.DEC.2003 20:47:22



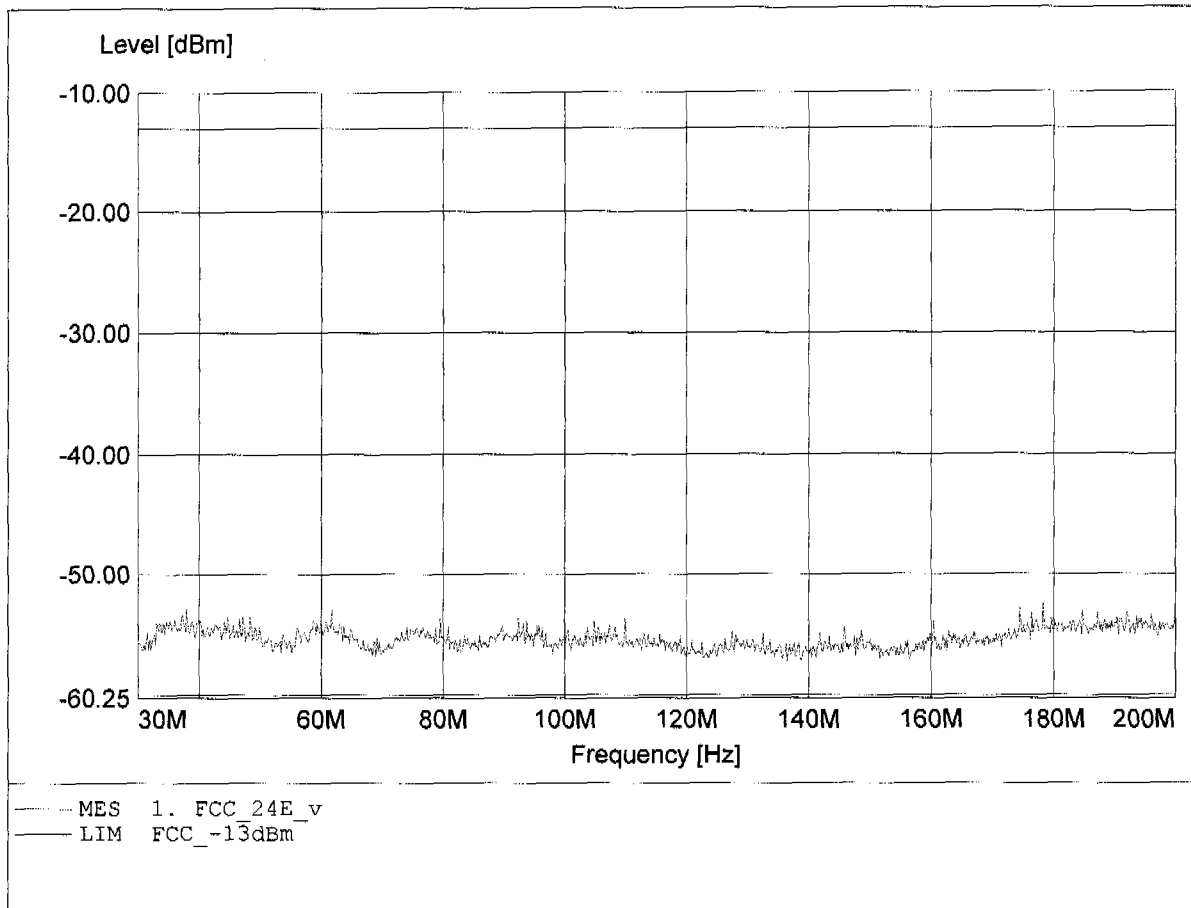
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 28.38 dBm VBW 3 kHz
36 dBm 1.90976954 GHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Comment A: crosscheck
Date: 1.DEC.2003 20:34:26

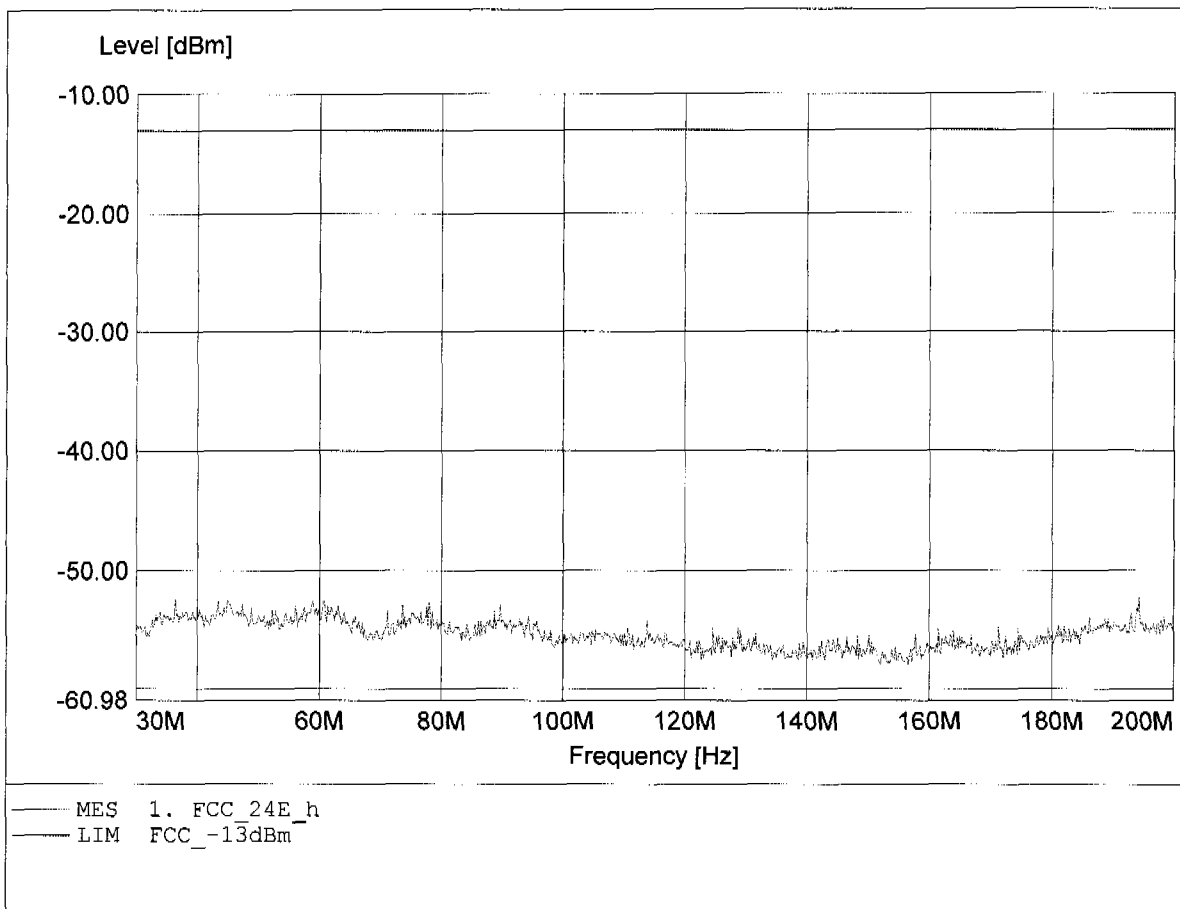
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 178.278MHz, Pmax: -52.42dBm, RBW: 1MHz



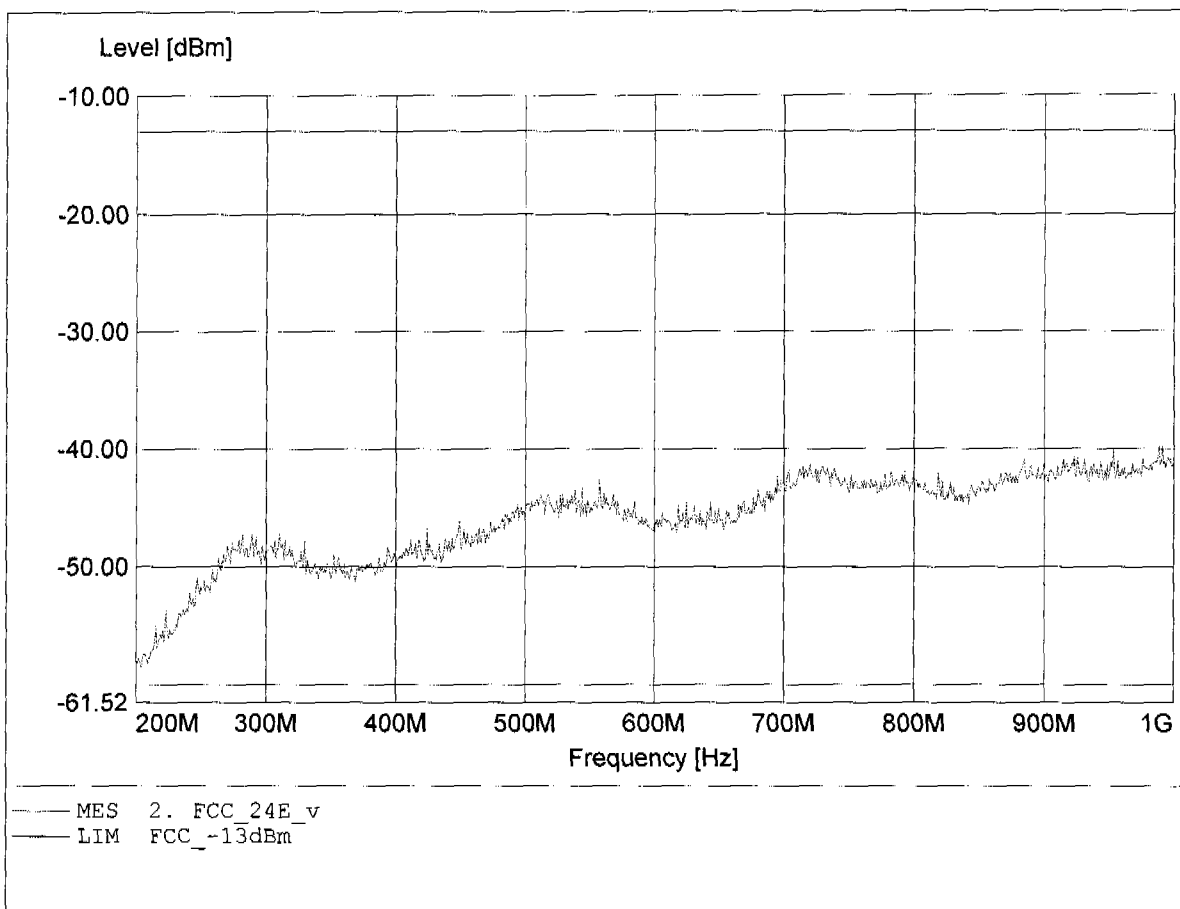
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.333MHz, Pmax: -52.22dBm, RBW: 1MHz



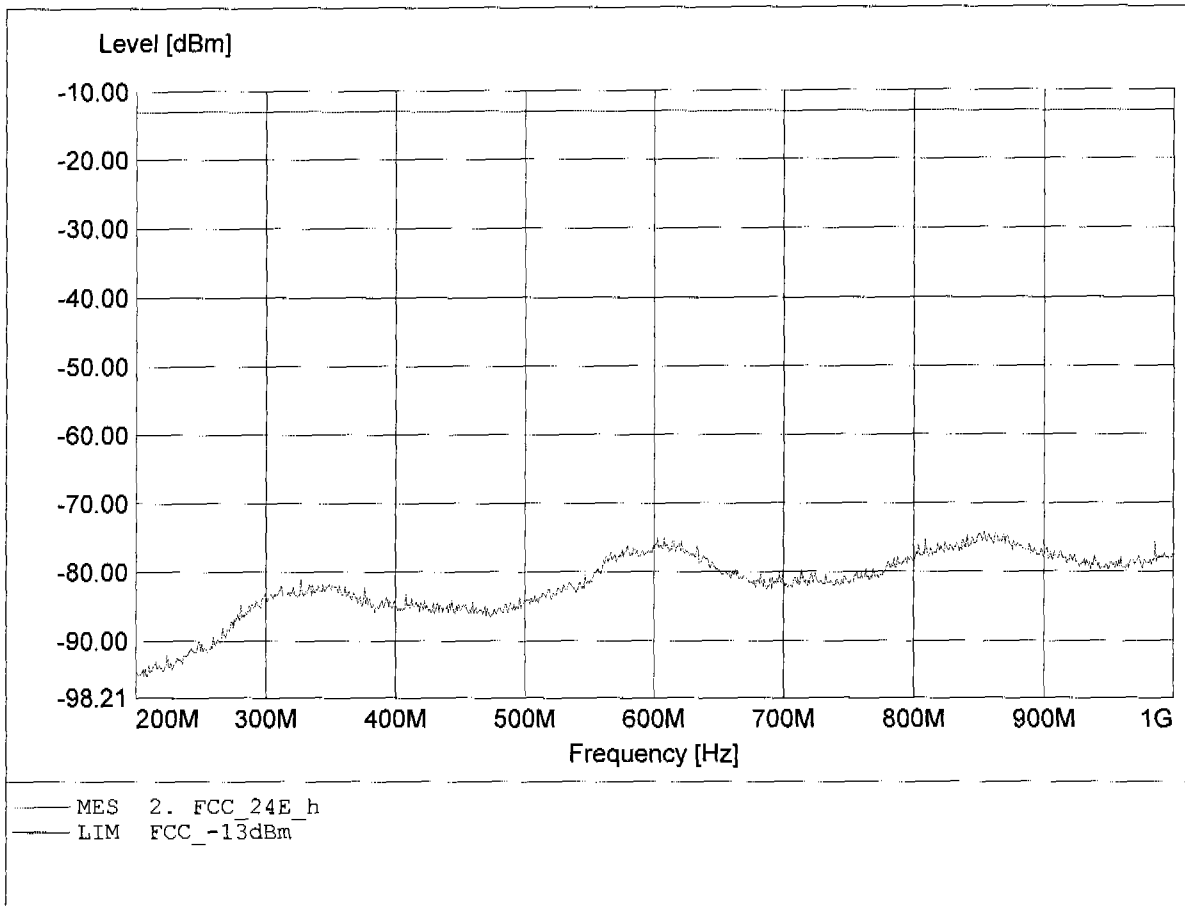
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 991.111MHz, Pmax: -39.75dBm, RBW: 1MHz



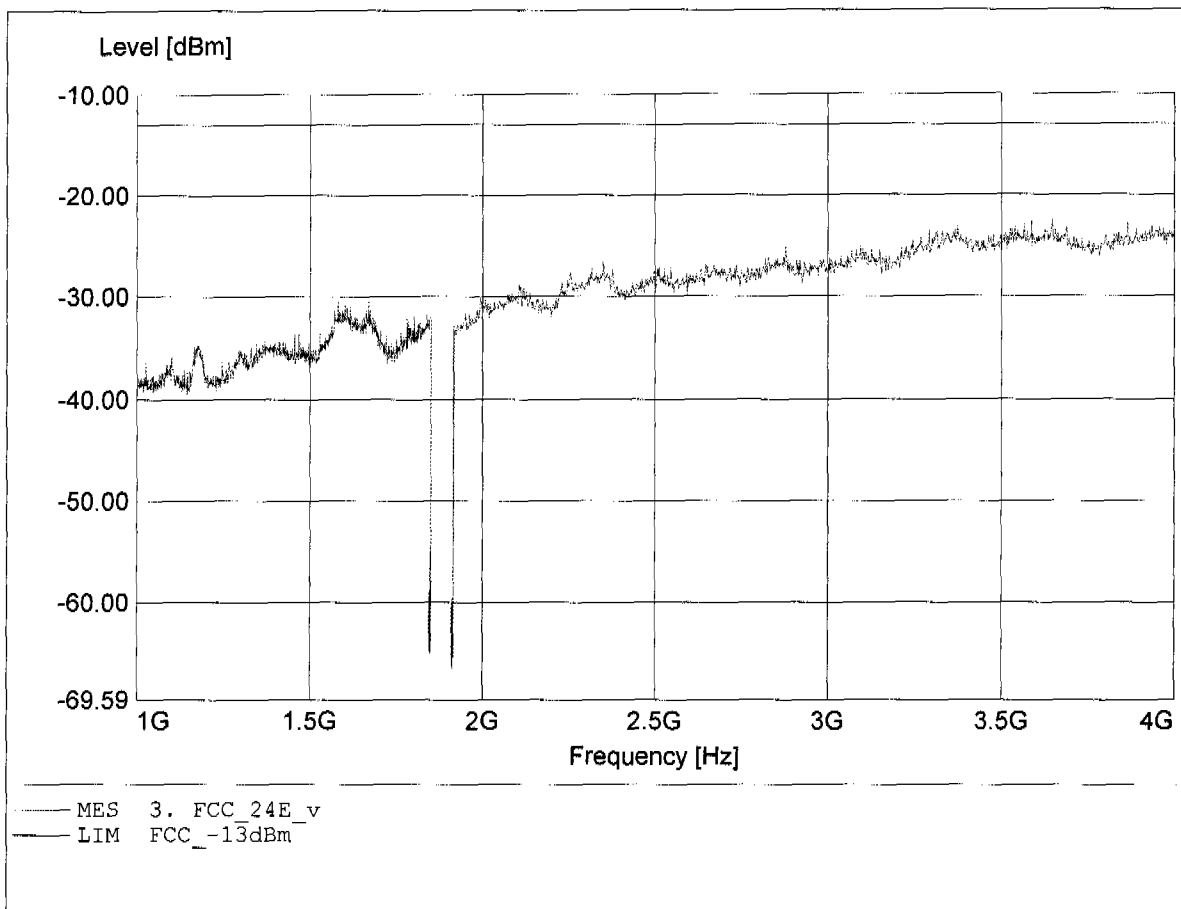
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 854.222MHz, Pmax: -74.10dBm, RBW: 1MHz



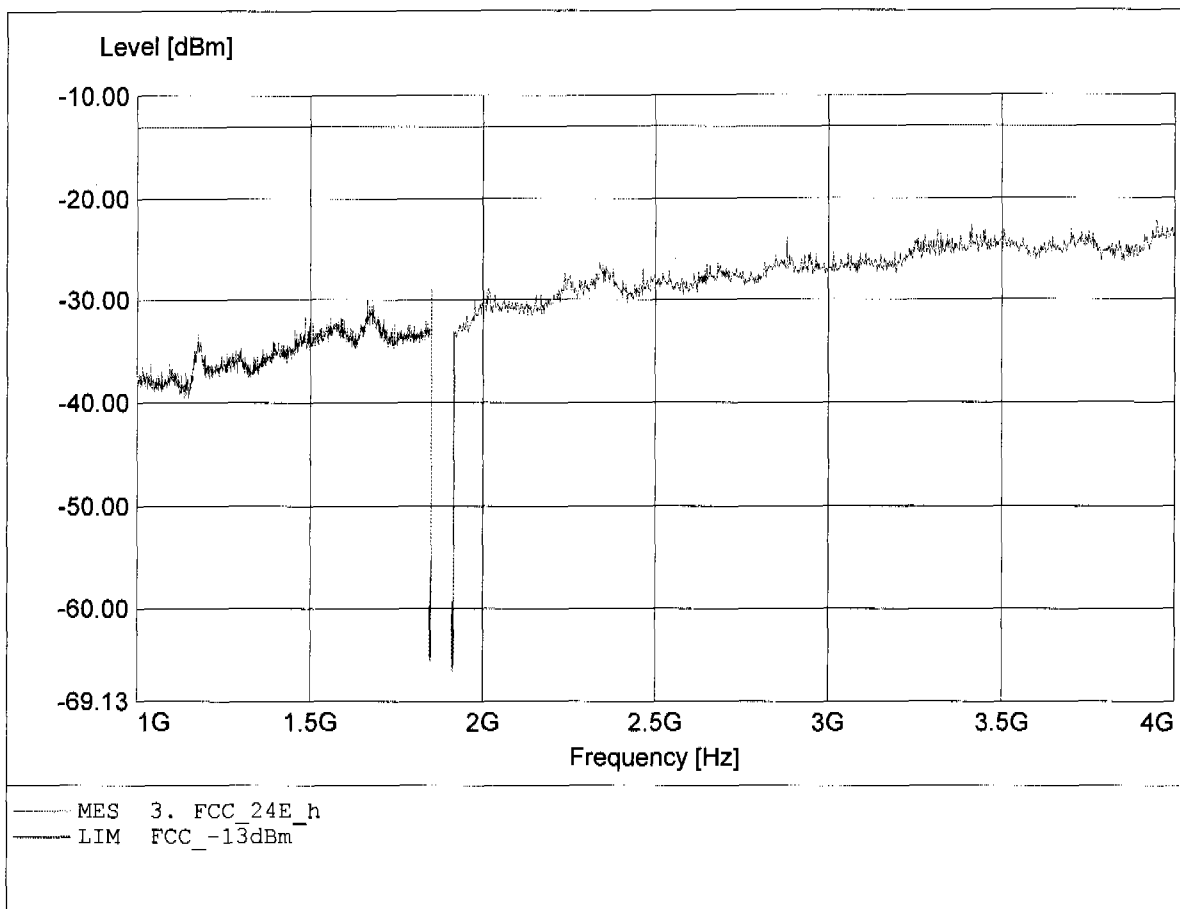
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.646GHz, Pmax: -22.53dBm, RBW: 1MHz/3kHz



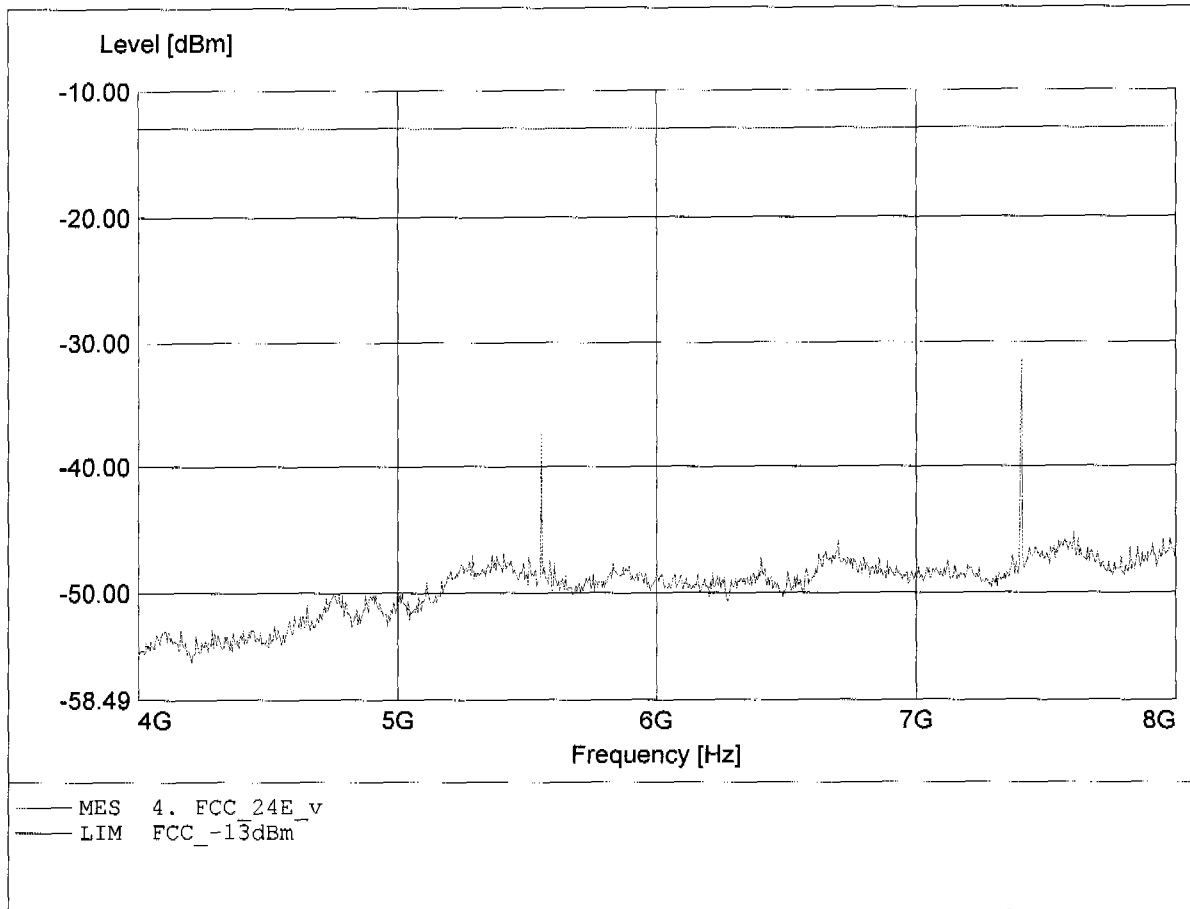
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.947GHz, Pmax: -22.22dBm, RBW: 1MHz/3kHz



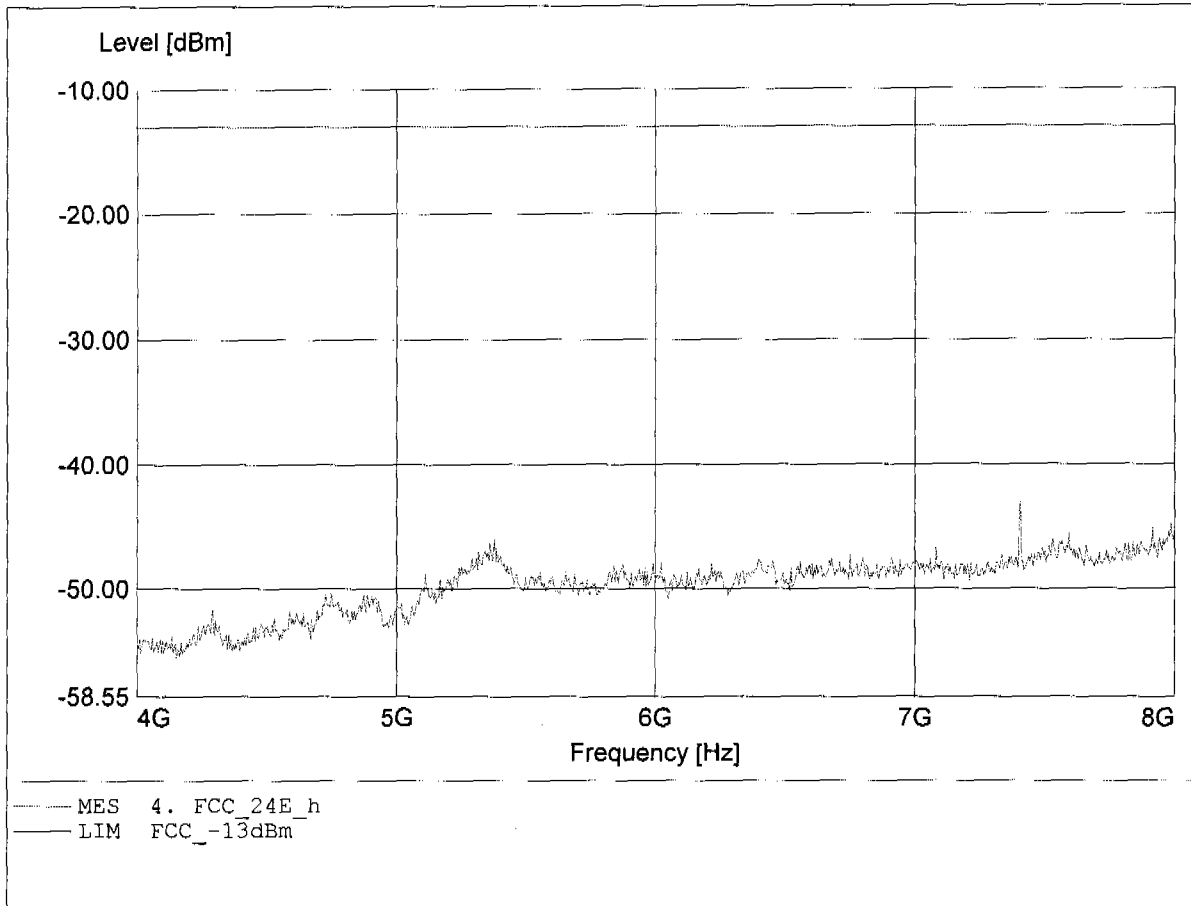
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -31.37dBm, RBW: 1MHz



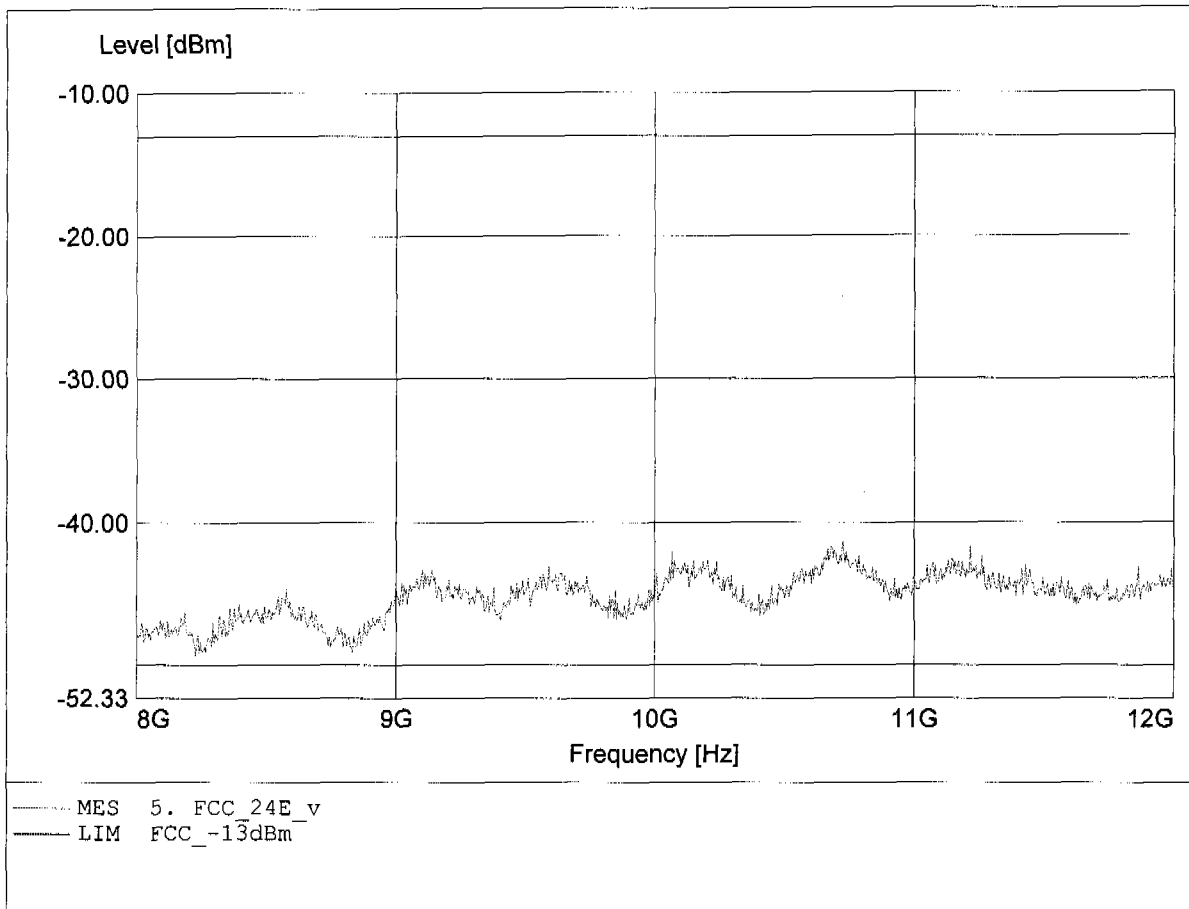
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Fmax: -43.01dBm, RBW: 1MHz



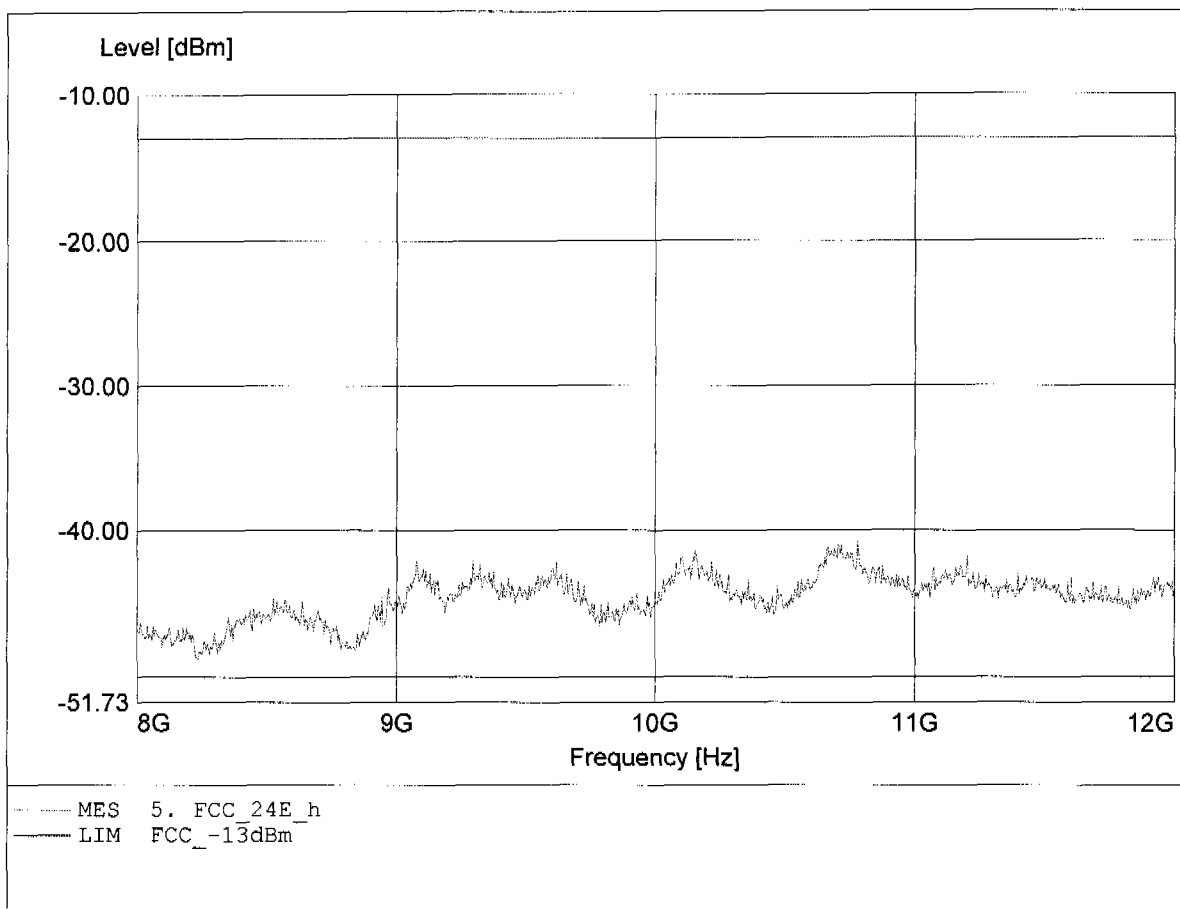
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.724GHz, Pmax: -41.29dBm, RBW: 1MHz



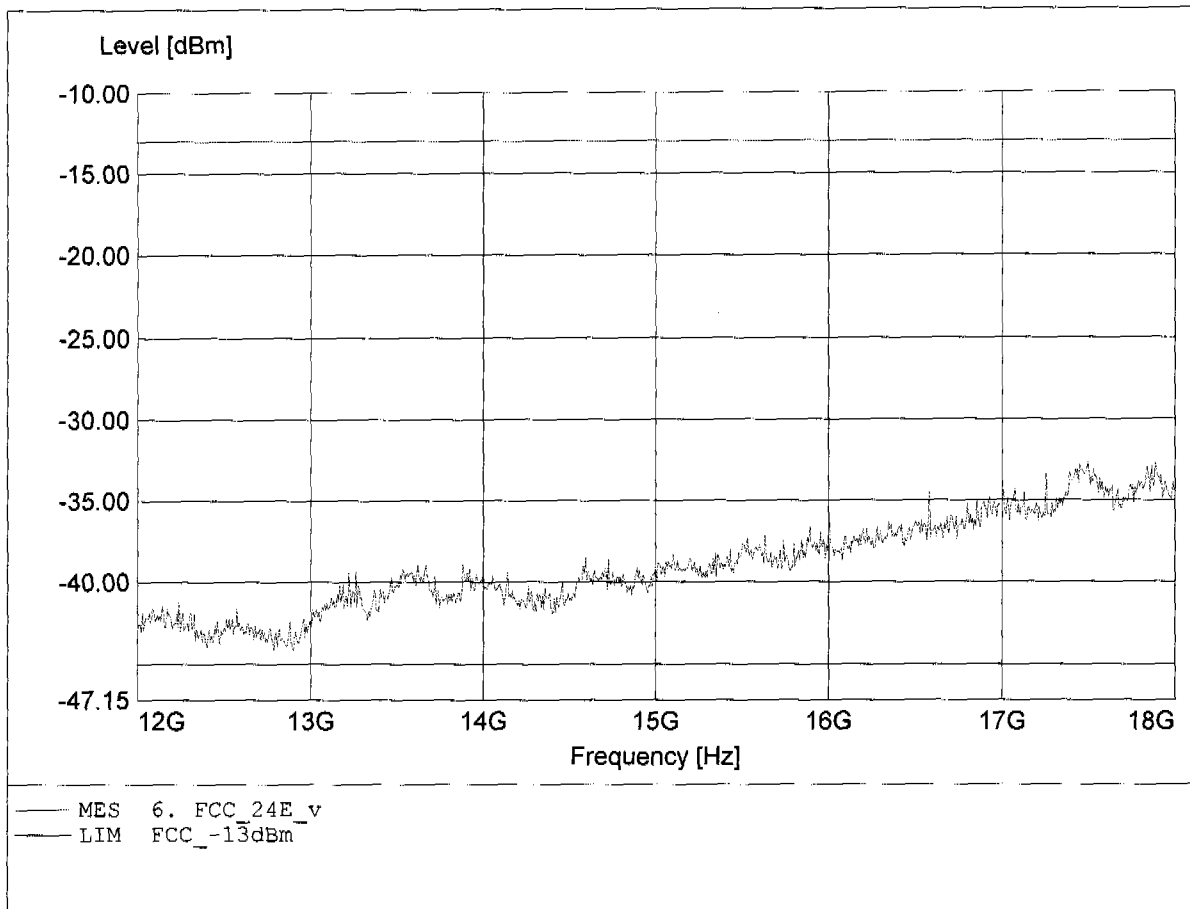
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.782GHz, Pmax: -40.72dBm, RBW: 1MHz



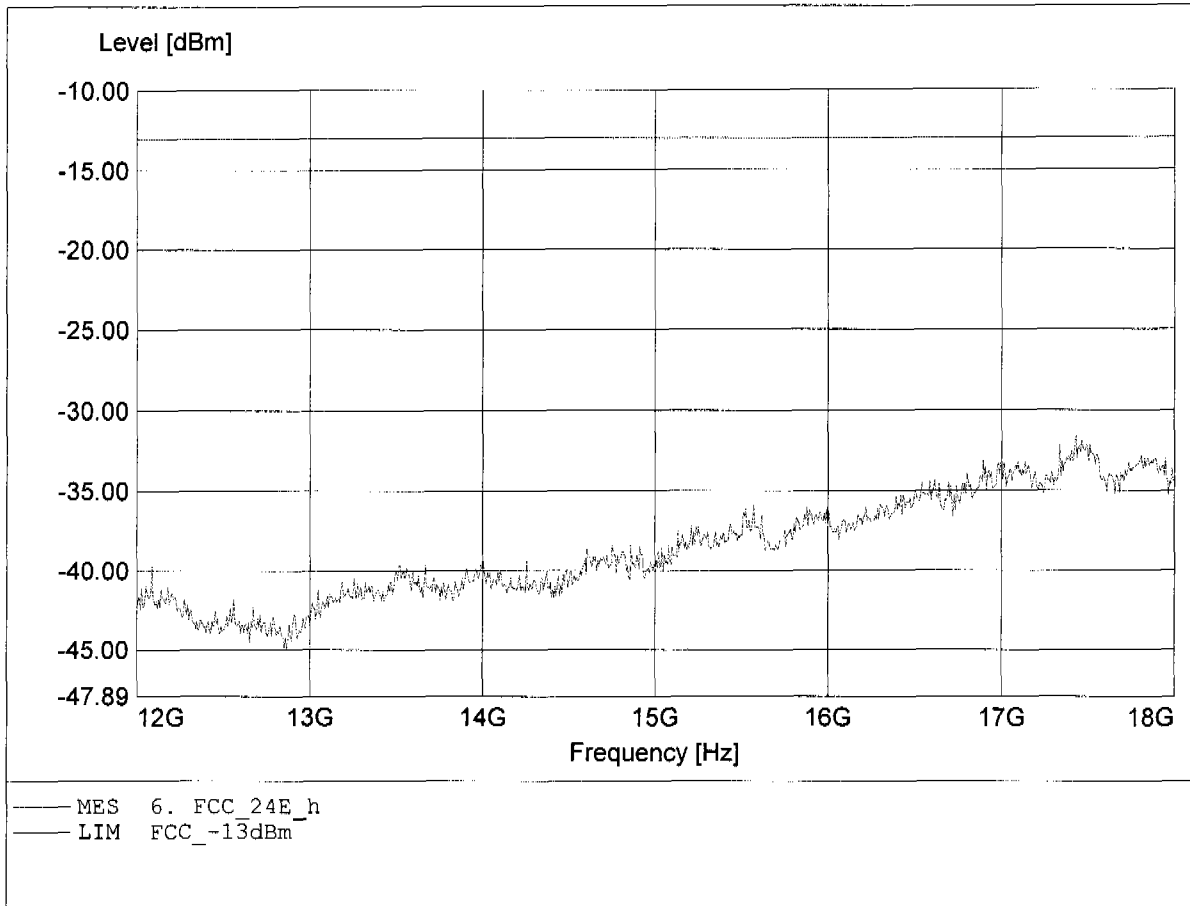
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.493GHz, Pmax: -32.61dBm, RBW: 1MHz



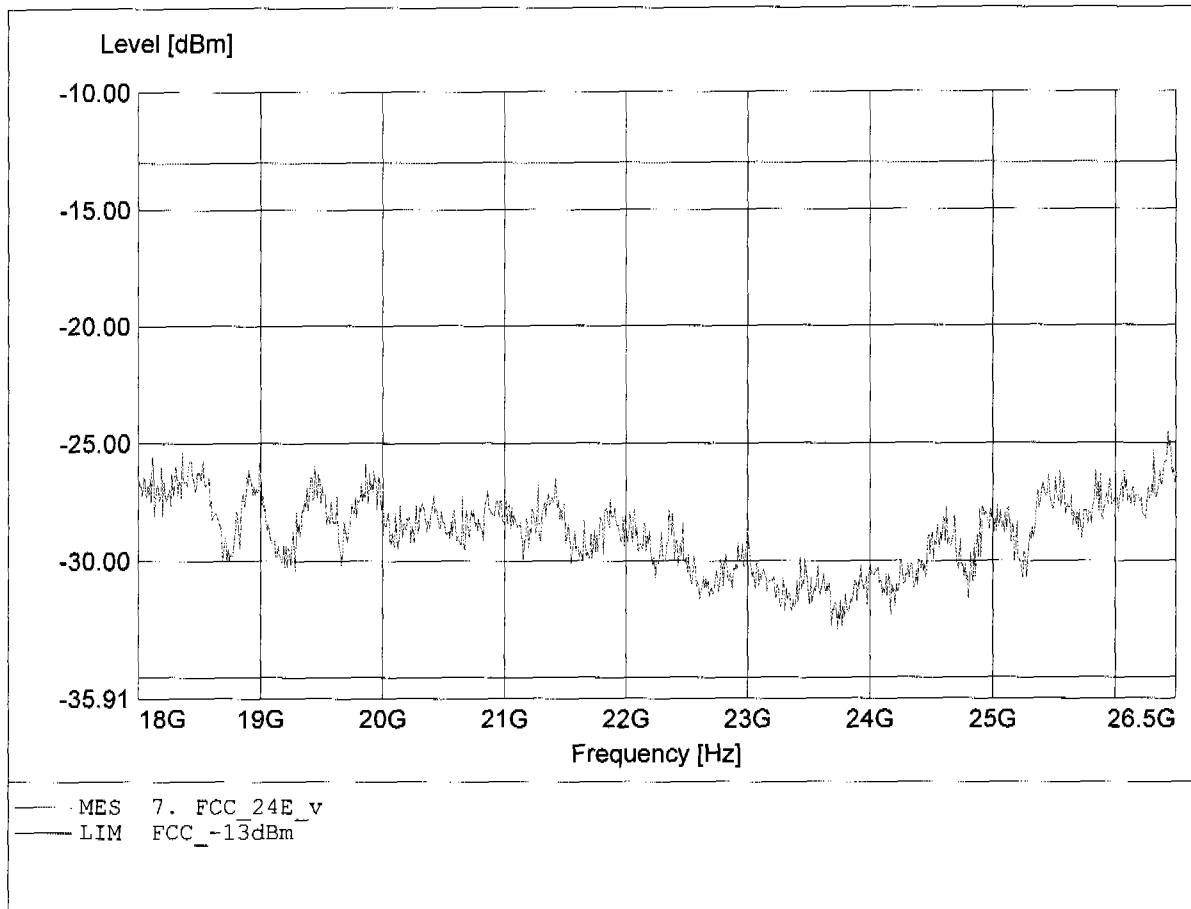
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.62dBm, RBW: 1MHz



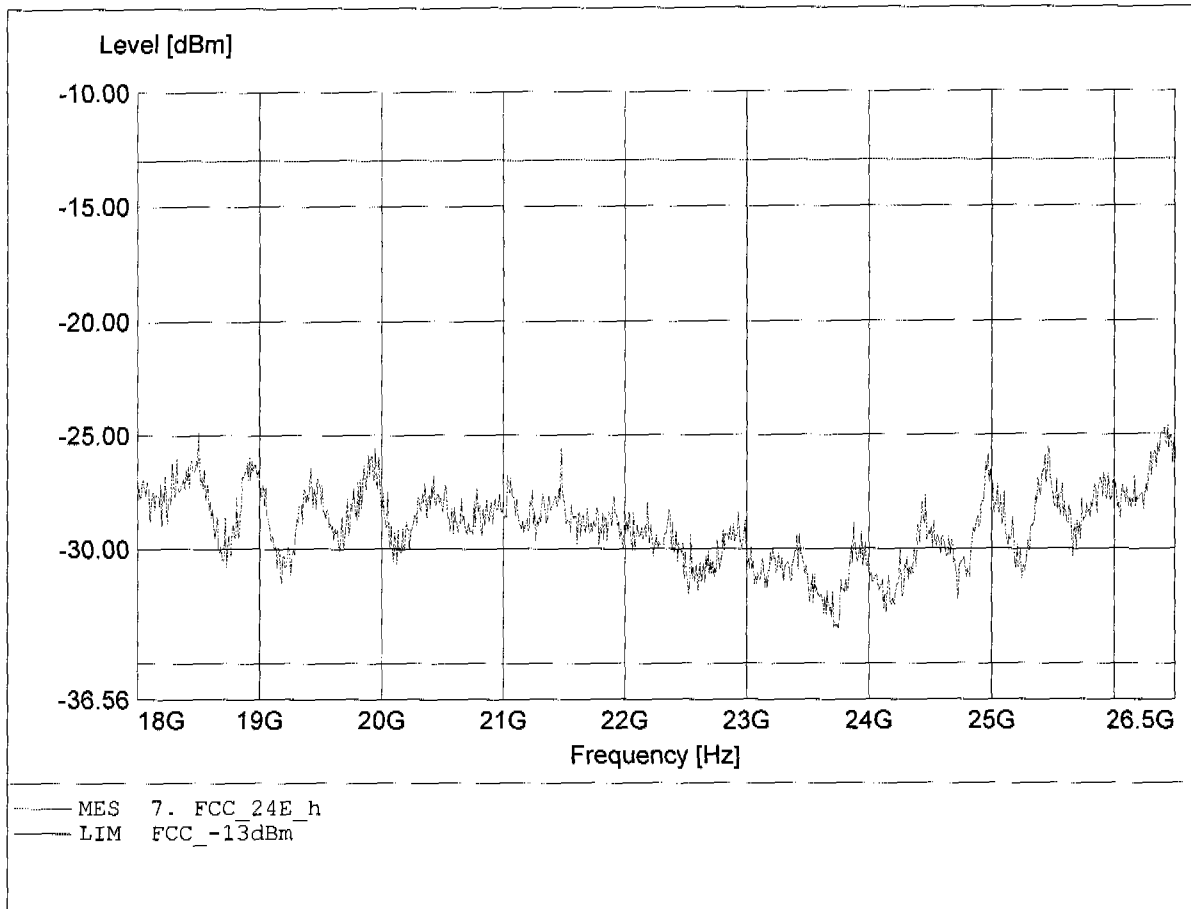
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.434GHz, Pmax: -24.58dBm, RBW: 1MHz



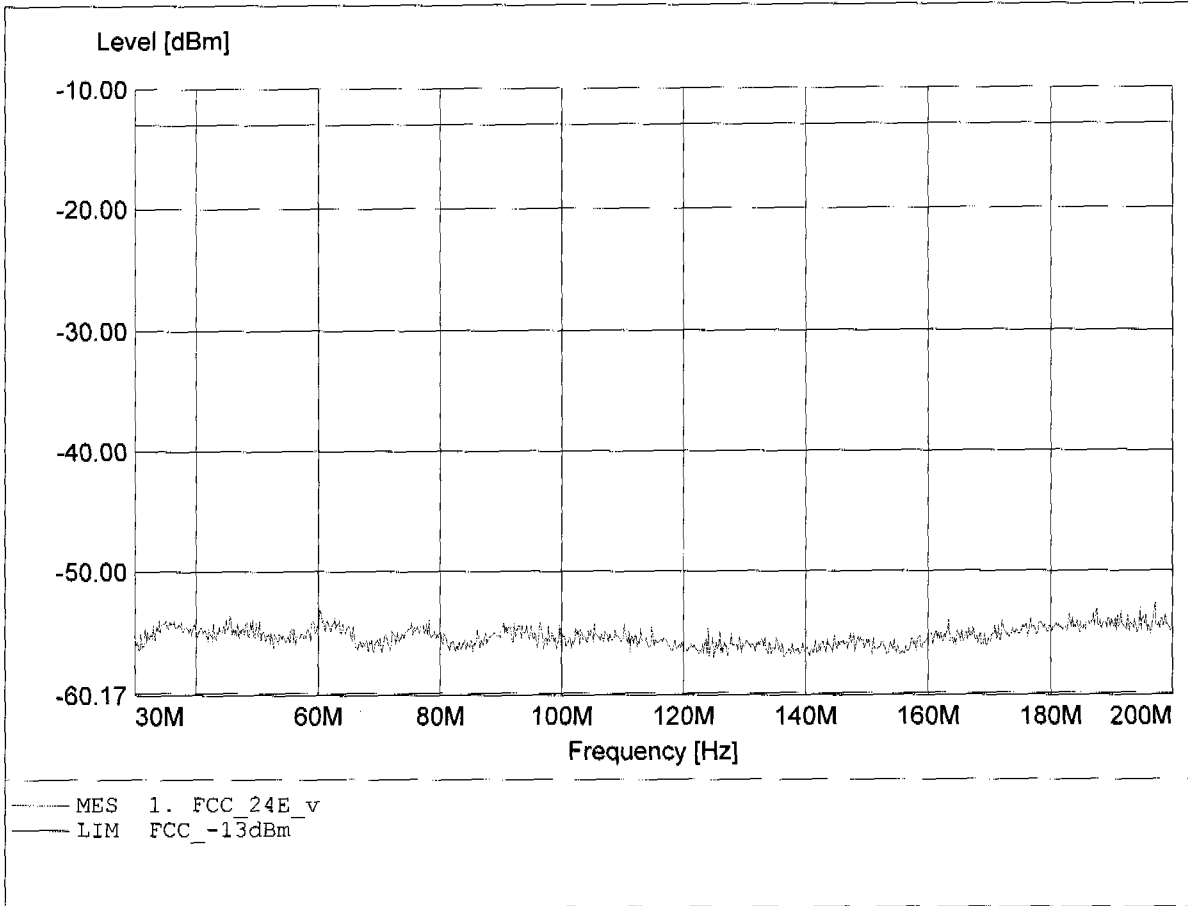
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.443GHz, Pmax: -24.56dBm, RBW: 1MHz



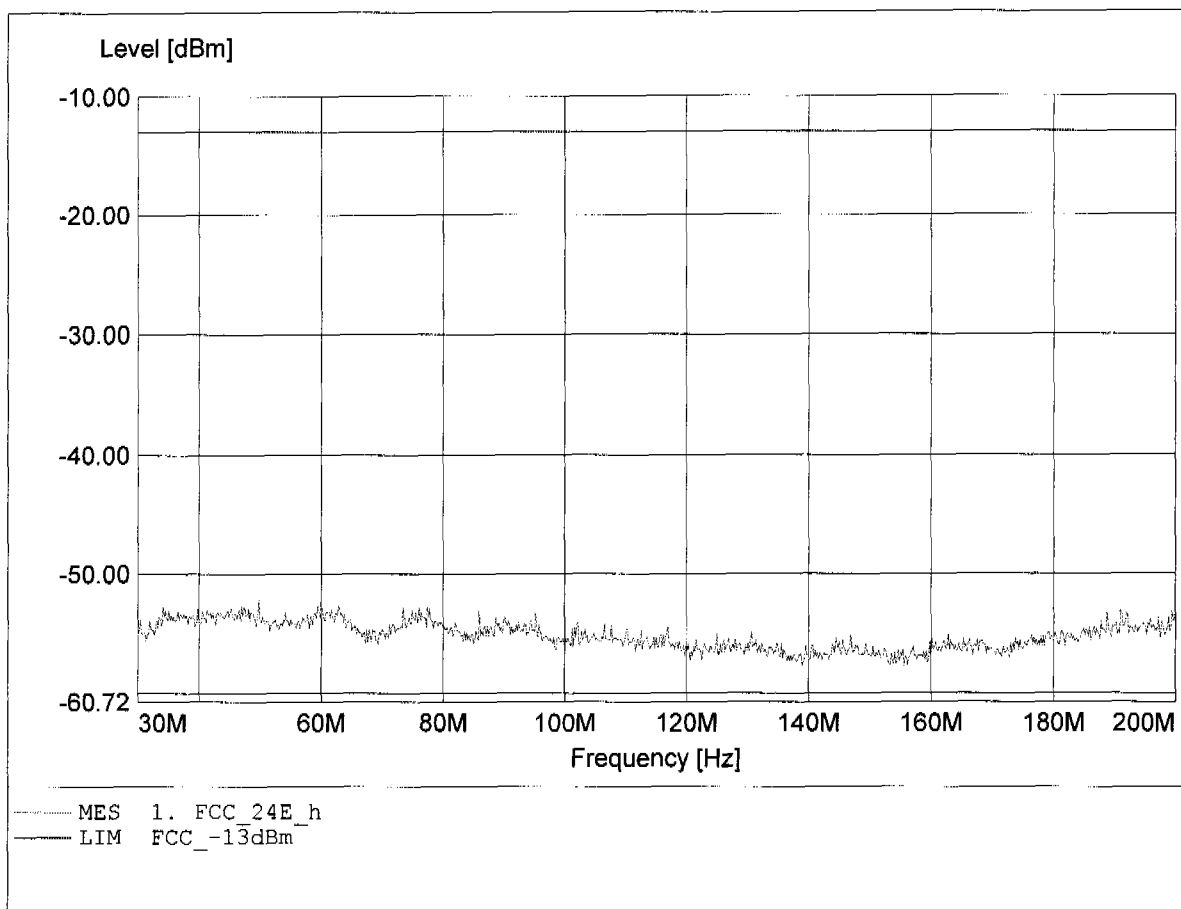
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.167MHz, Pmax: -52.67dBm, RBW: 1MHz



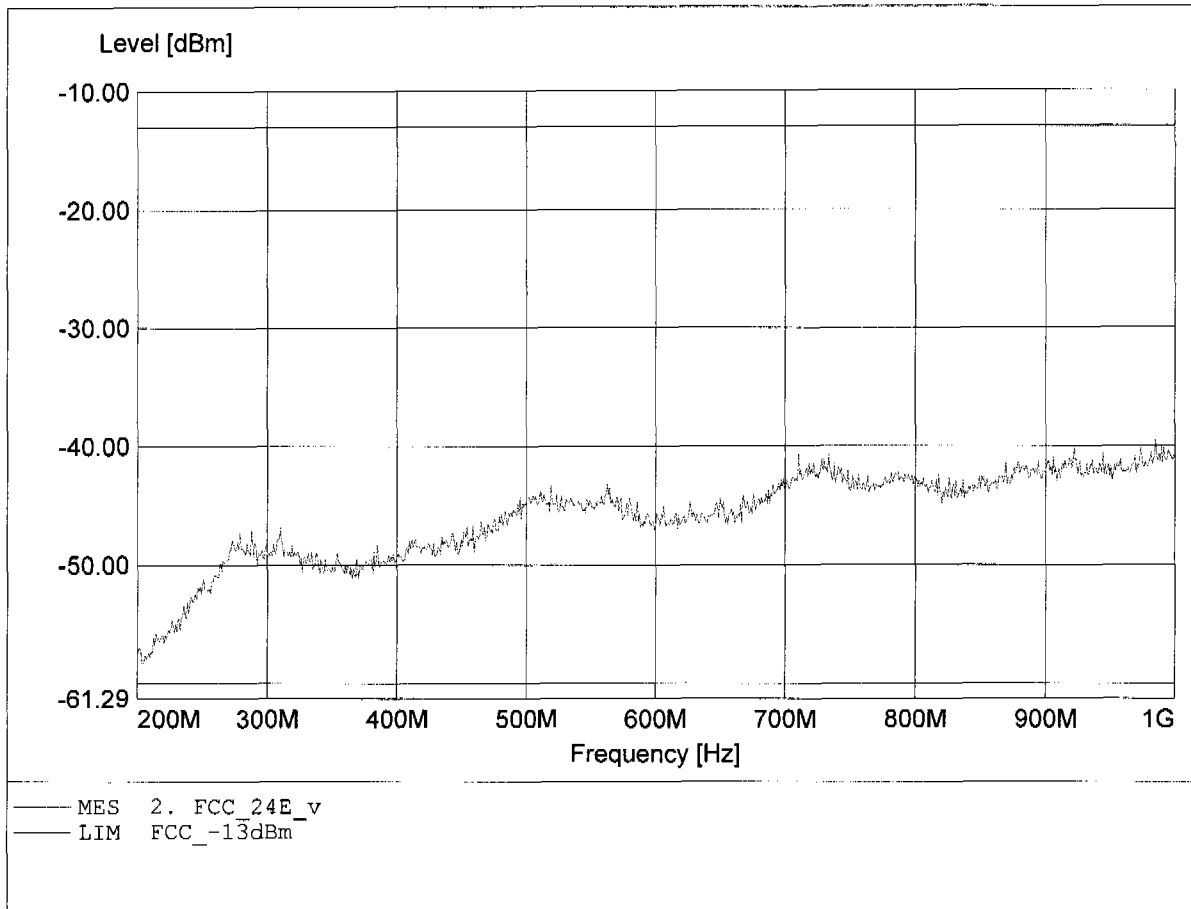
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 49.833MHz, Pmax: -52.14dBm, RBW: 1MHz



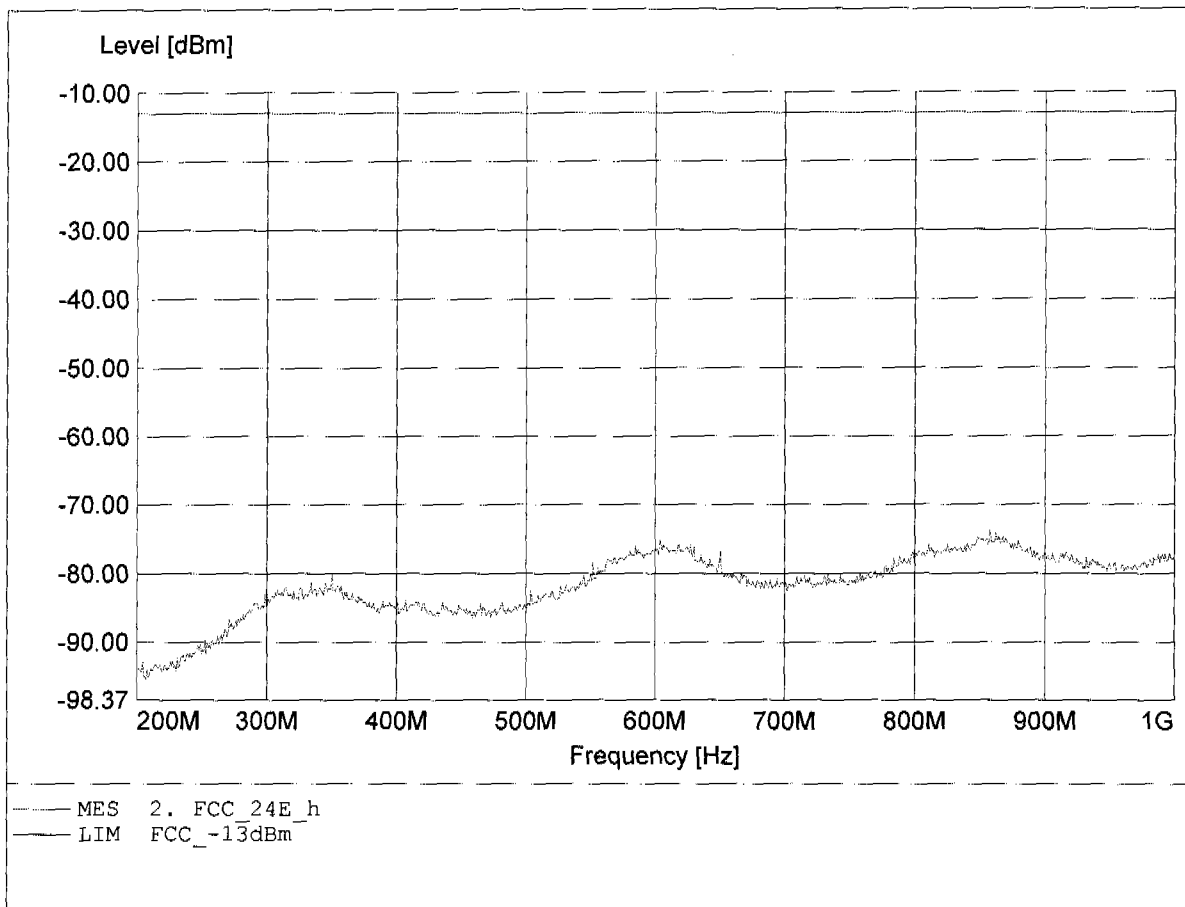
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 984.889MHz, Pmax: -39.47dBm, RBW: 1MHz



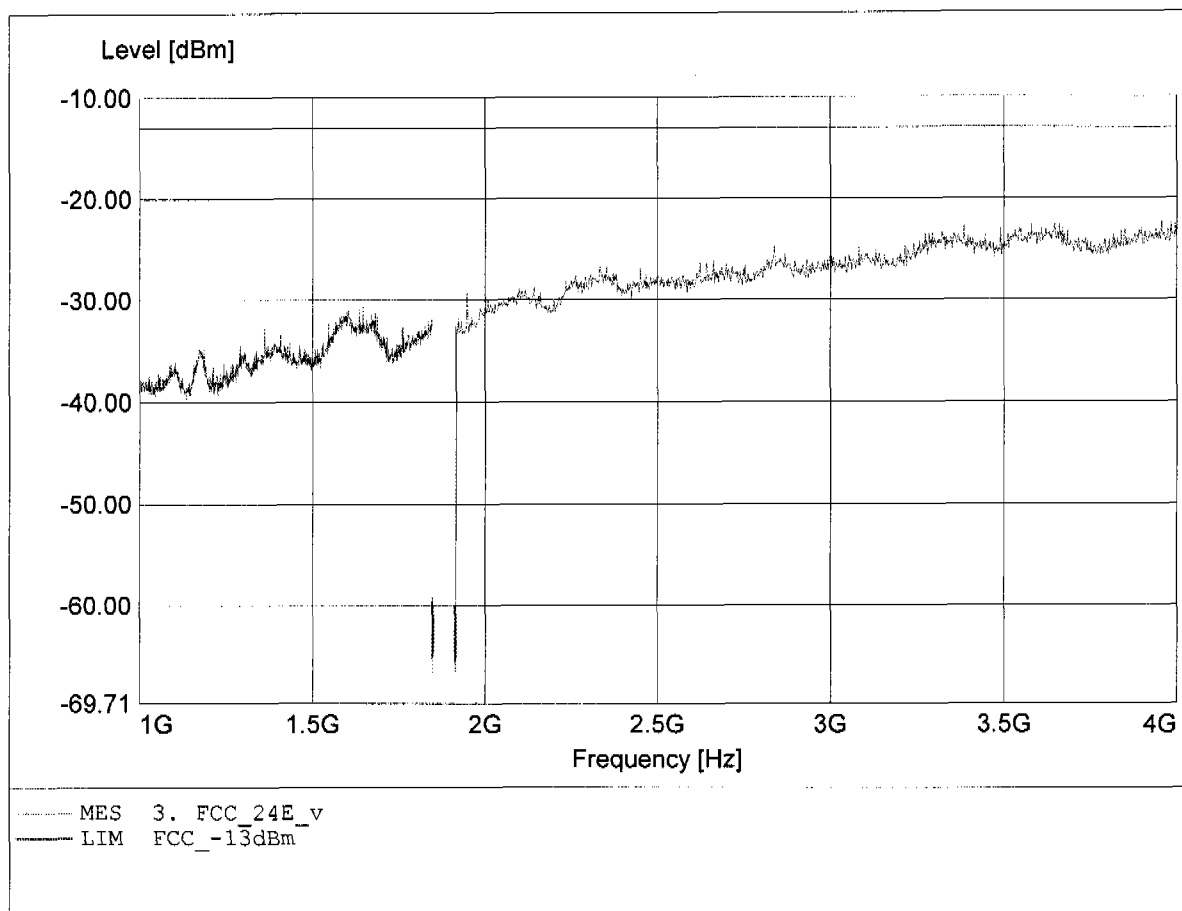
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 857.778MHz, Pmax: -73.67dBm, RBW: 1MHz



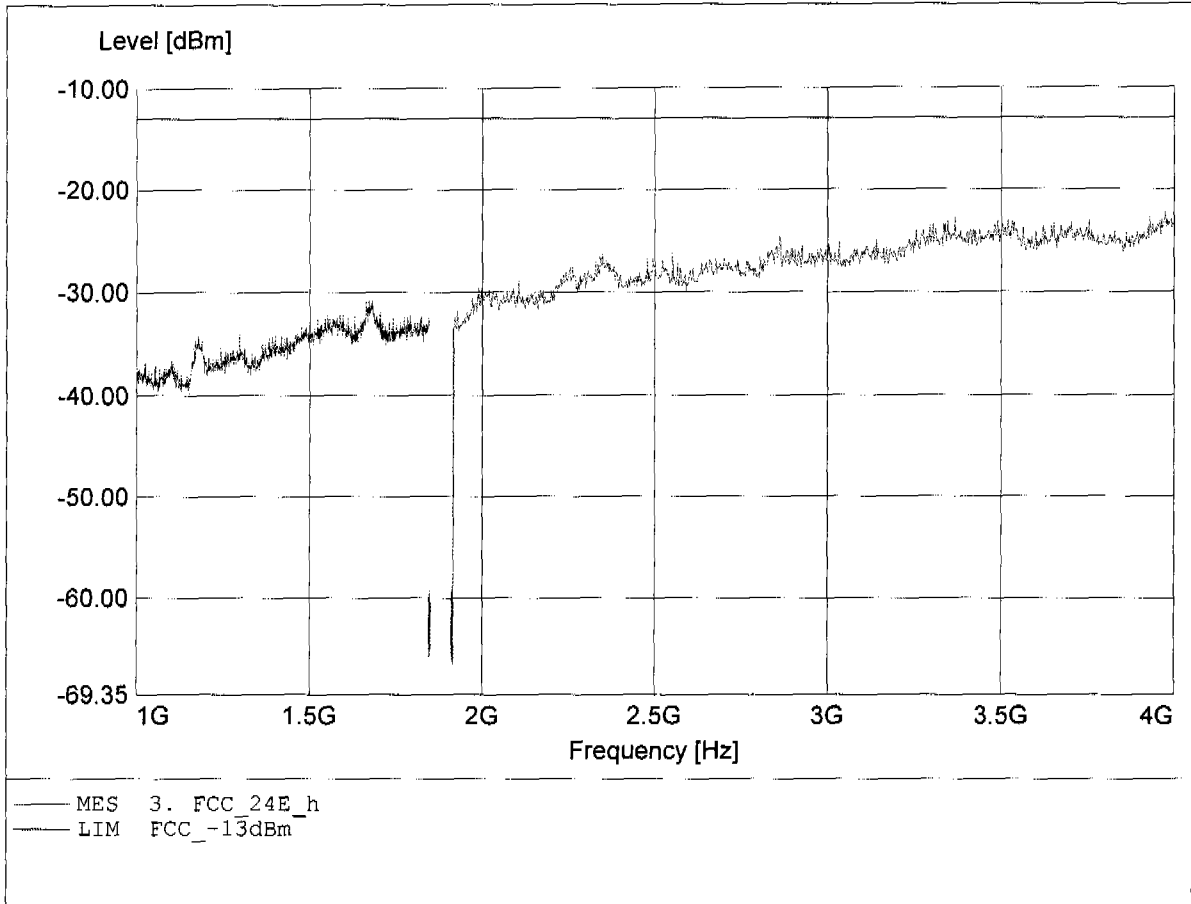
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.956GHz, Pmax: -22.32dBm, RBW: 1MHz/3kHz



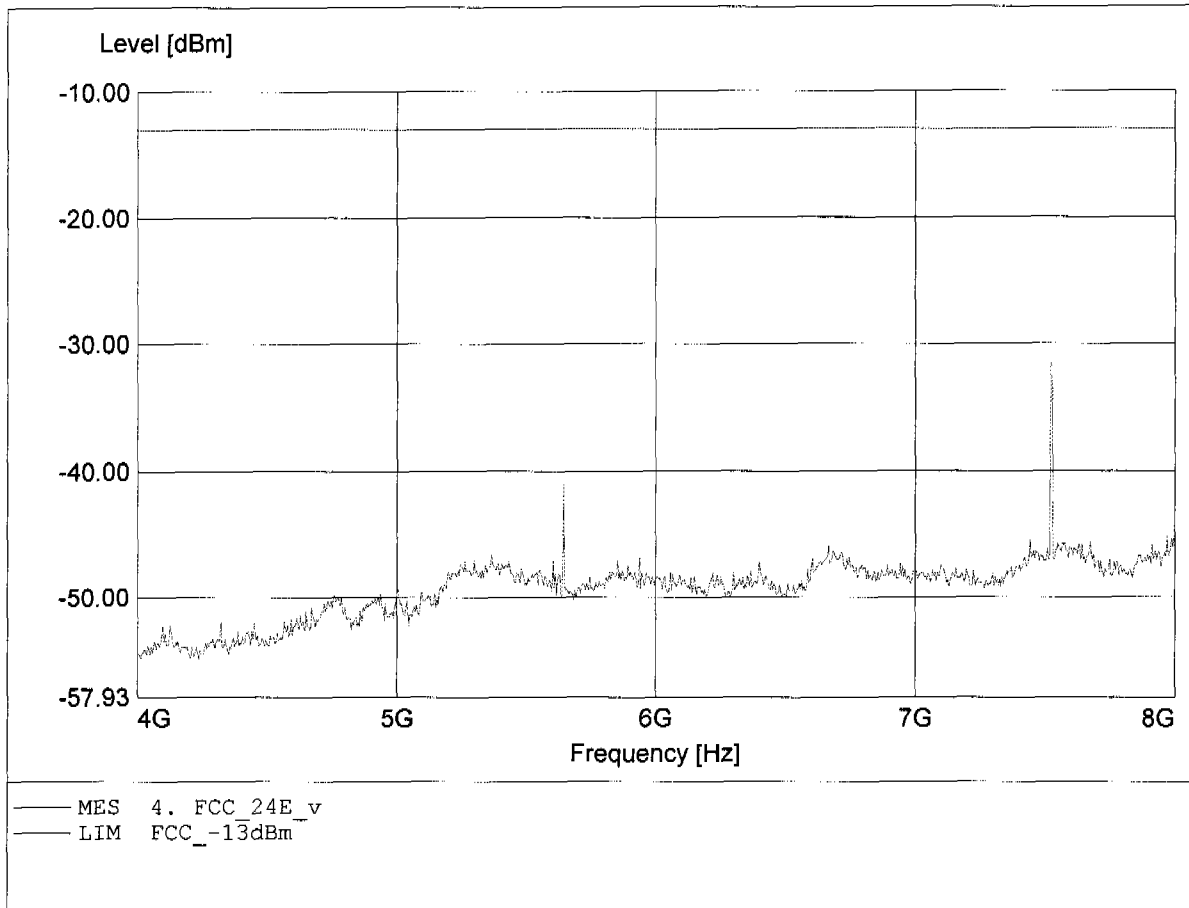
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.975GHz, Pmax: -22.22dBm, RBW: 1MHz/3kHz



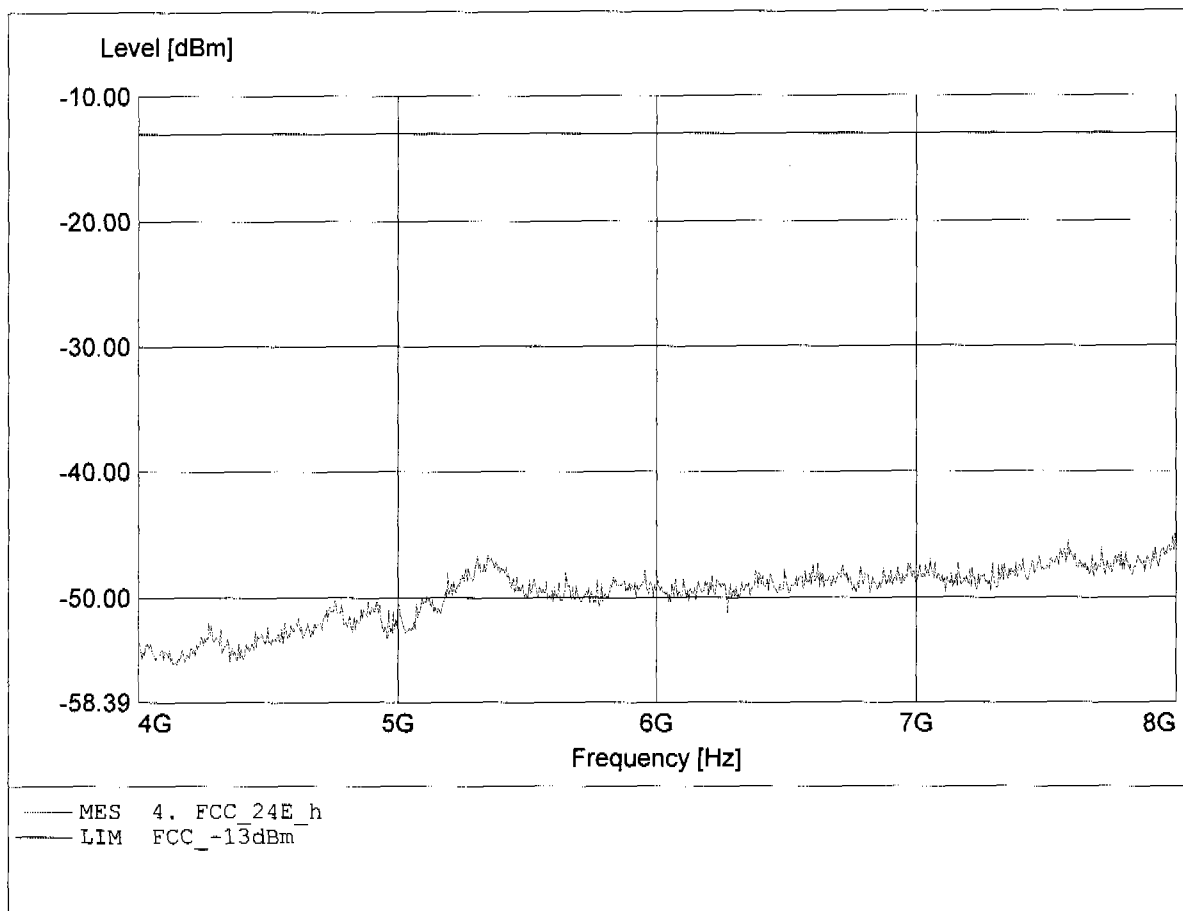
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.520GHz, Pmax: -31.42dBm, RBW: 1MHz



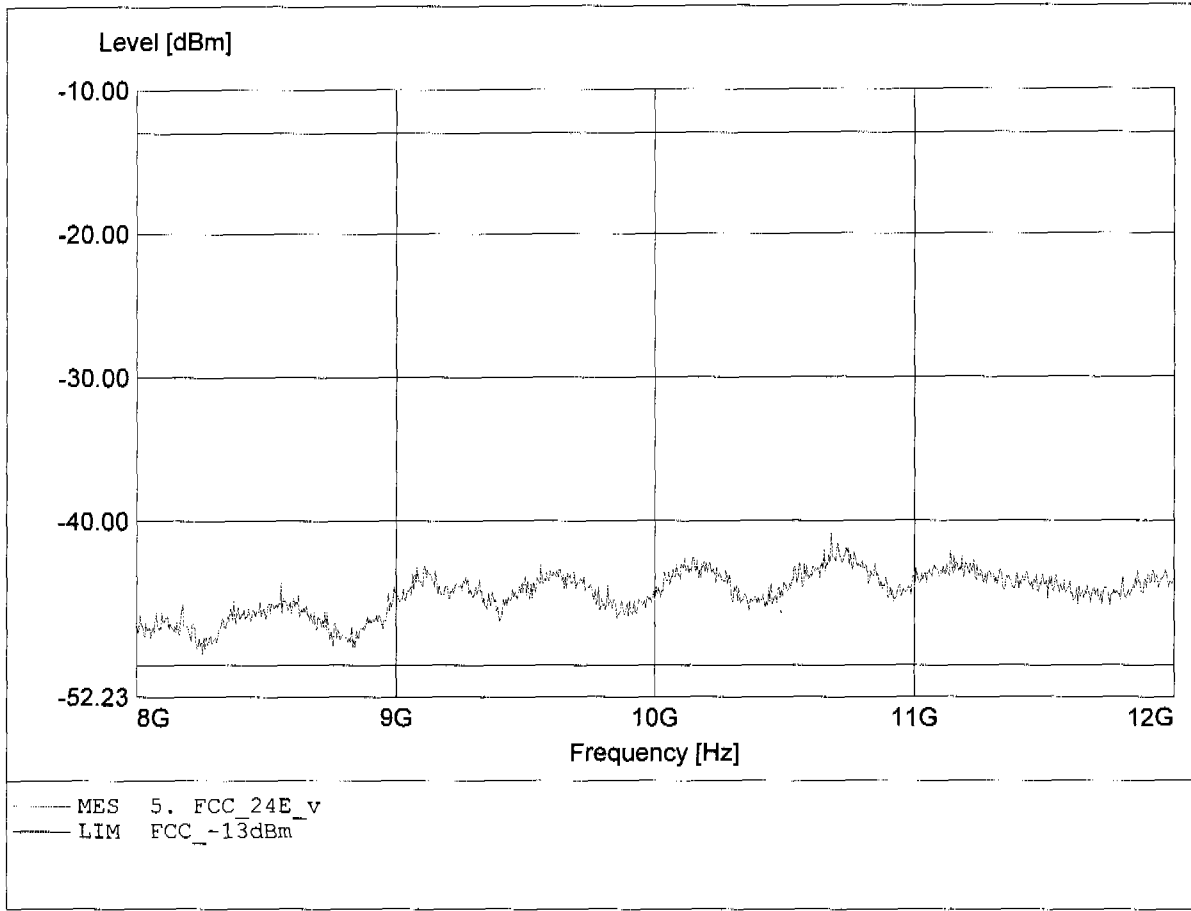
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.996GHz, Pmax: -44.82dBm, RBW: 1MHz



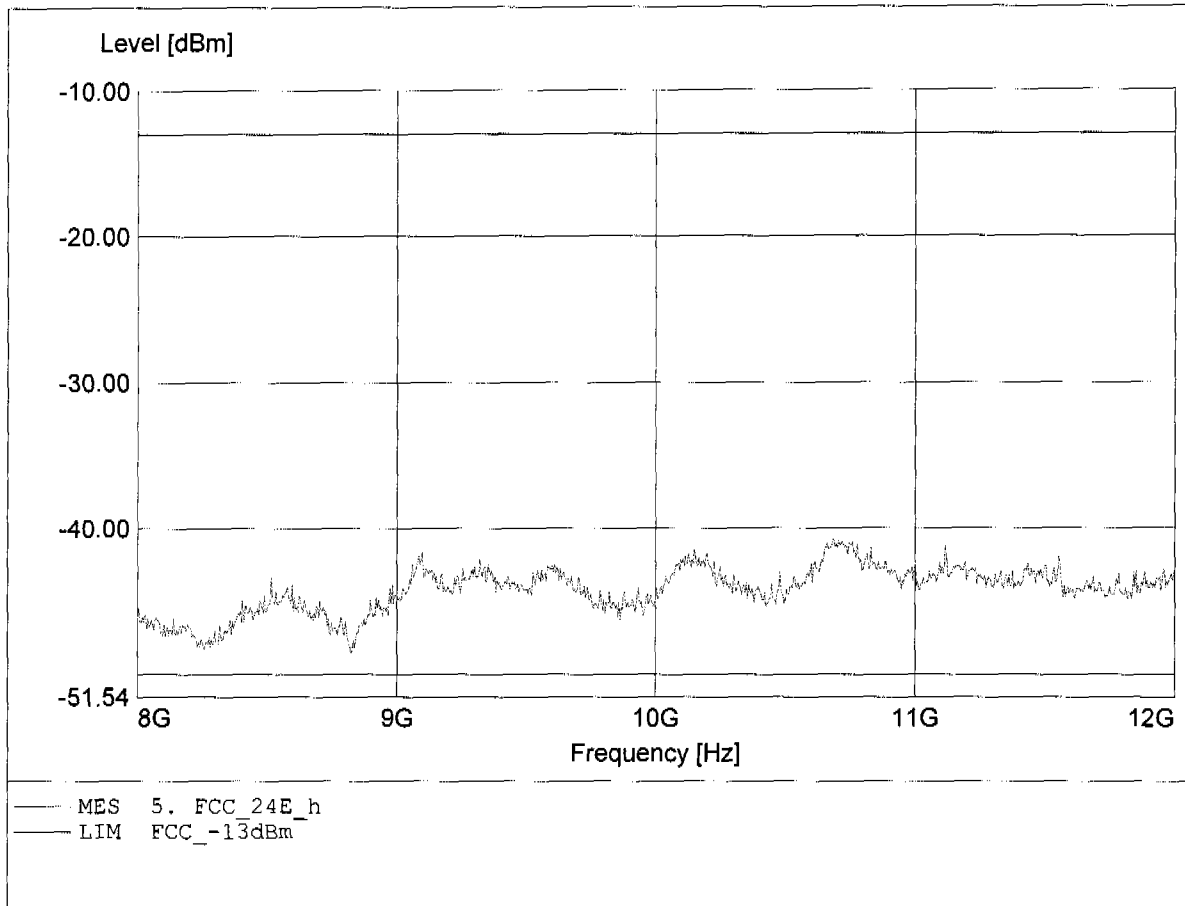
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.680GHz, Pmax: -40.81dBm, RBW: 1MHz



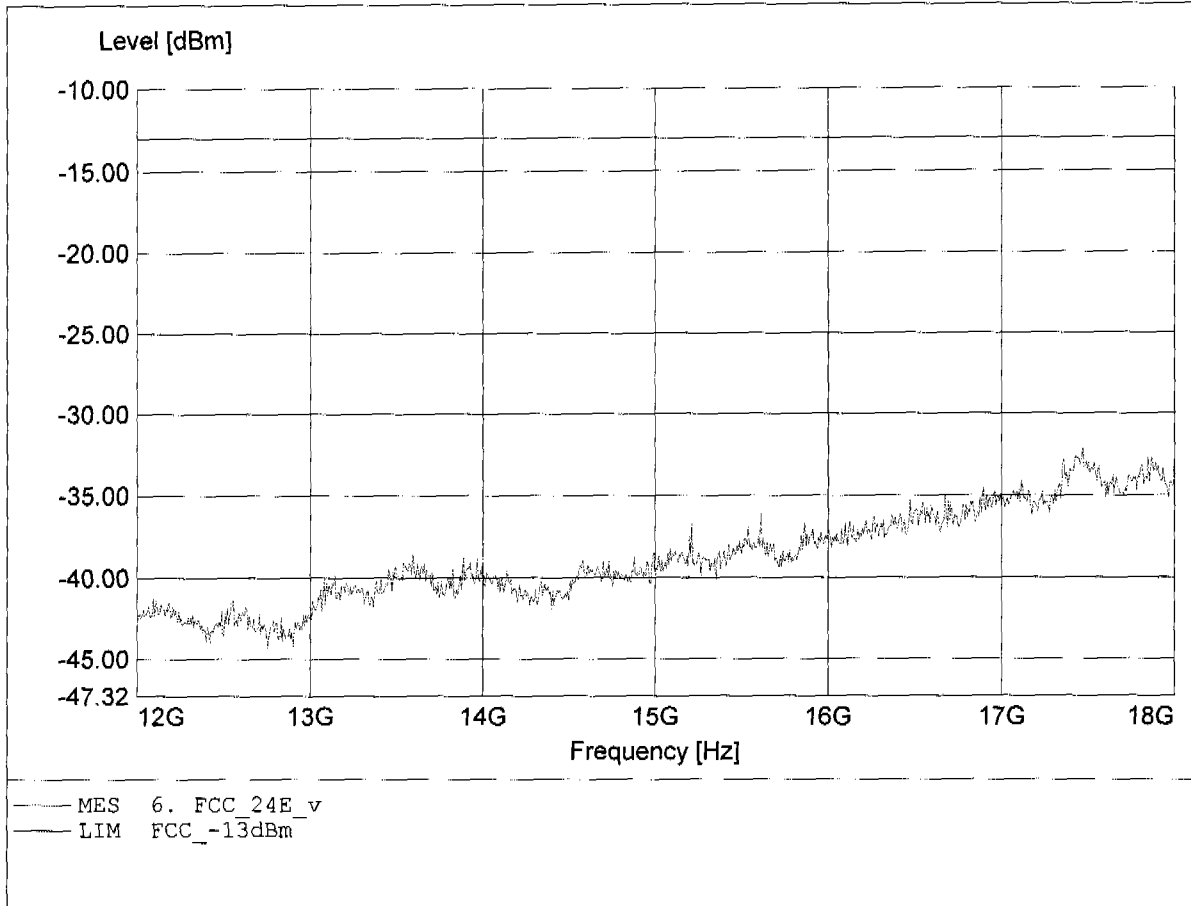
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.684GHz, Pmax: -40.75dBm, RBW: 1MHz



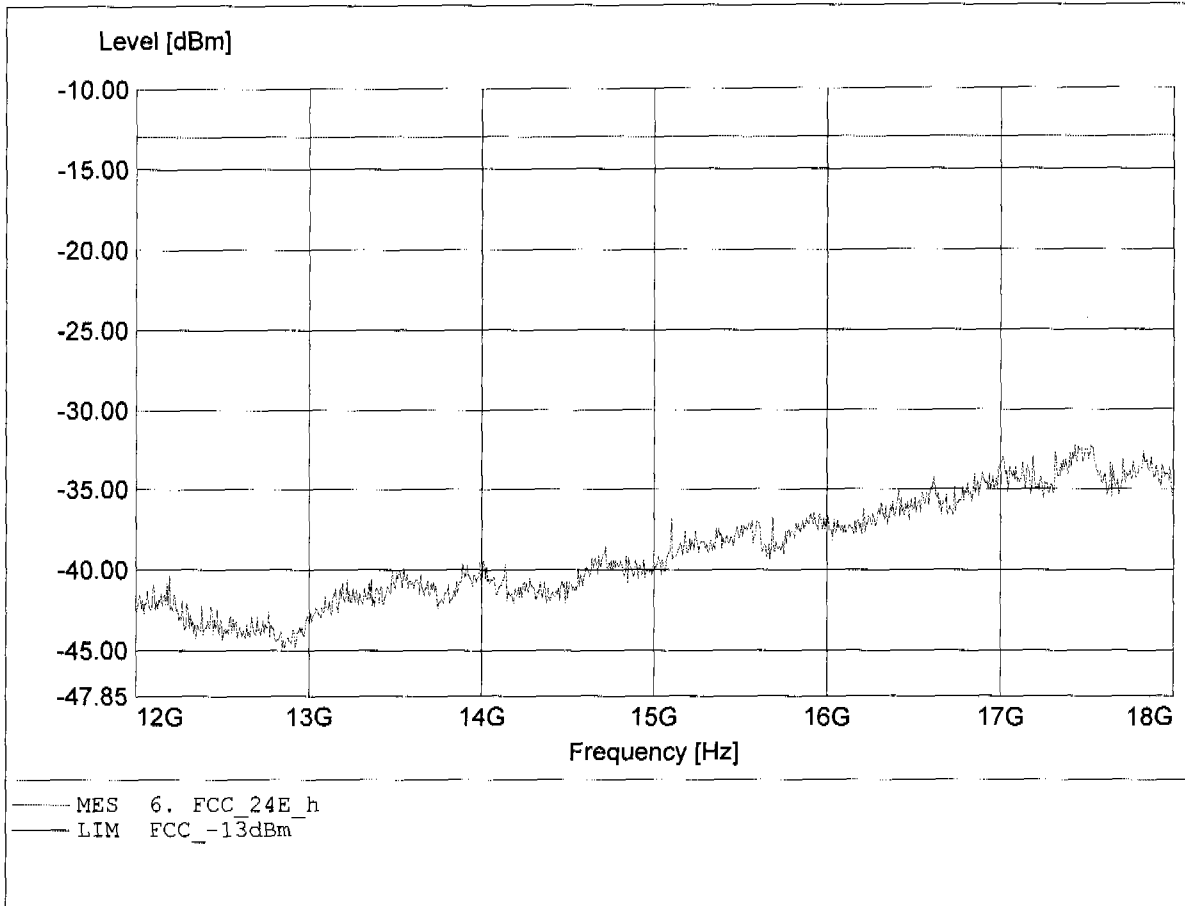
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.467GHz, Pmax: -32.10dBm, RBW: 1MHz



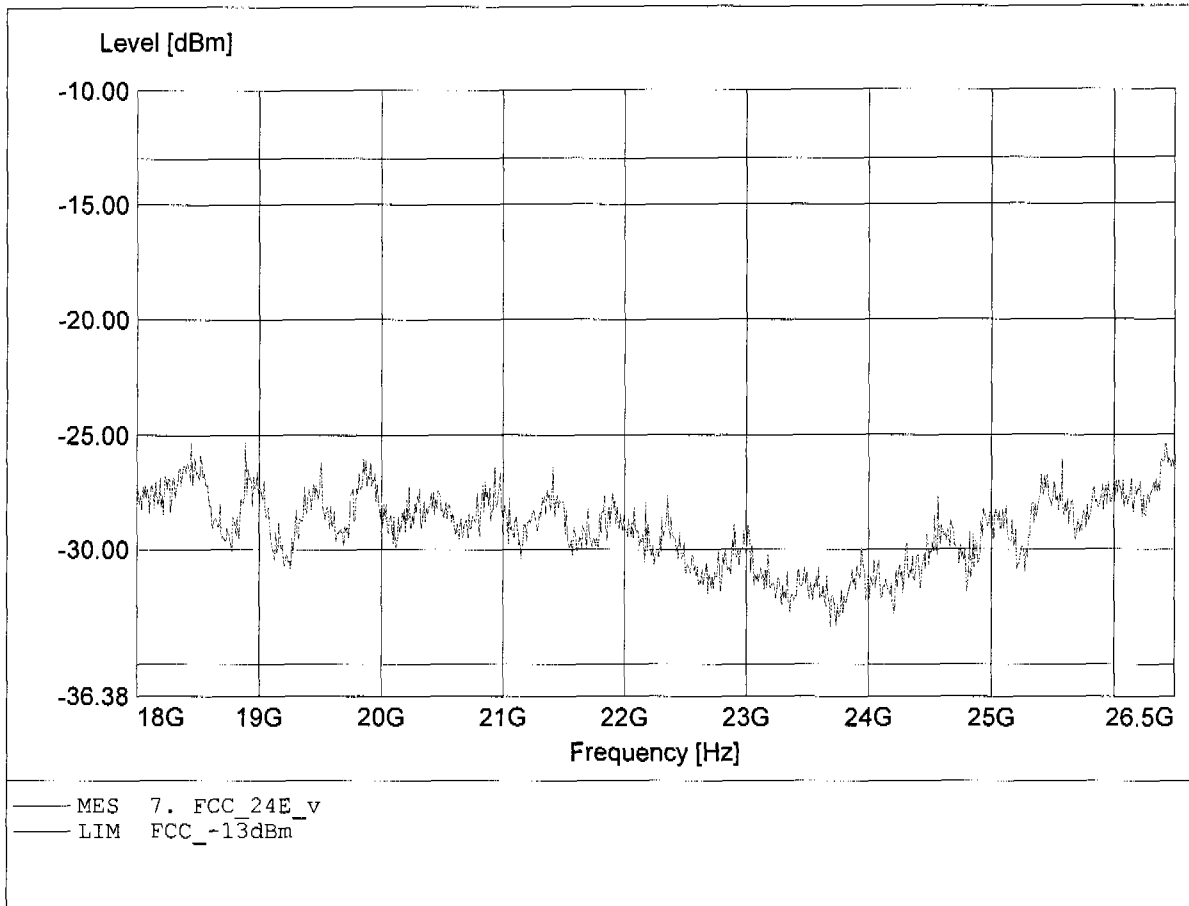
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.520GHz, Pmax: -32.26dBm, RBW: 1MHz



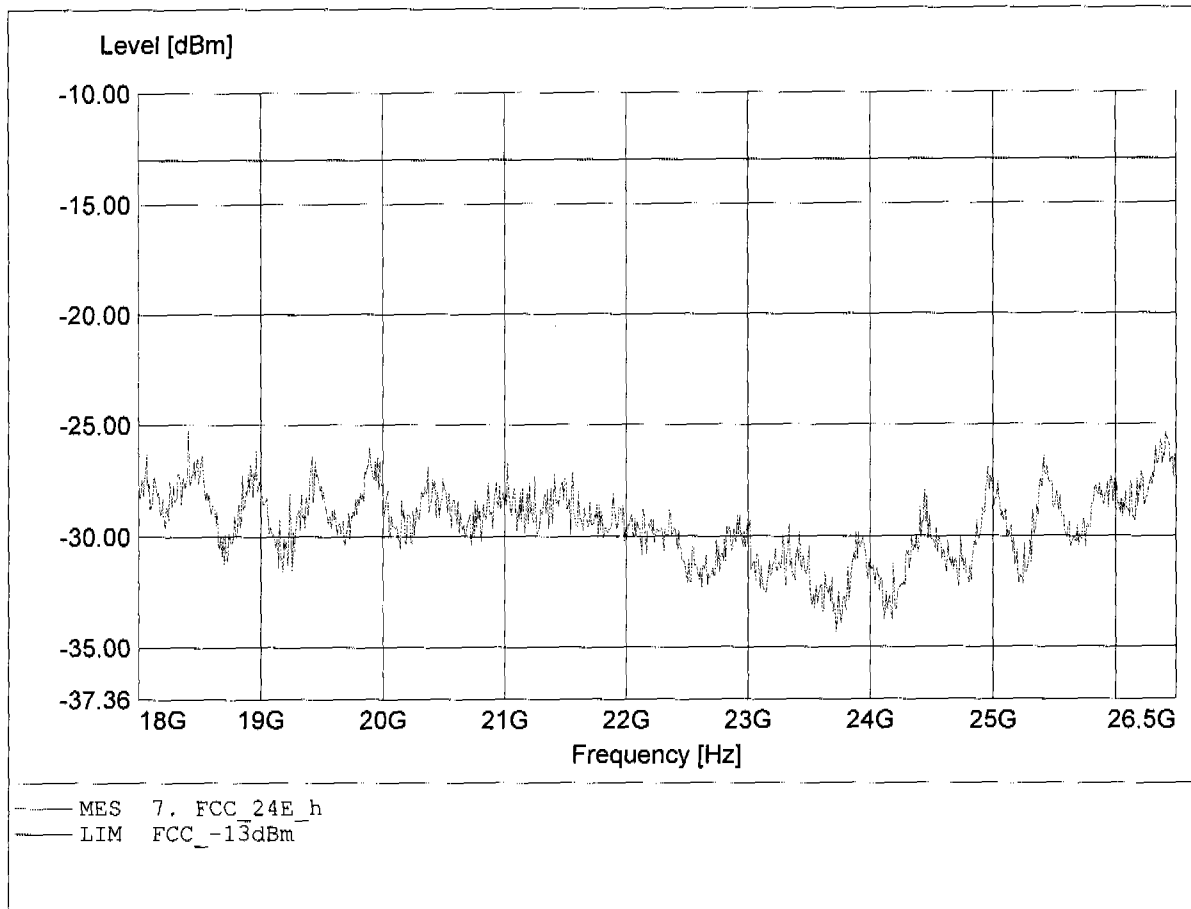
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.444GHz, Pmax: -25.31dBm, RBW: 1MHz



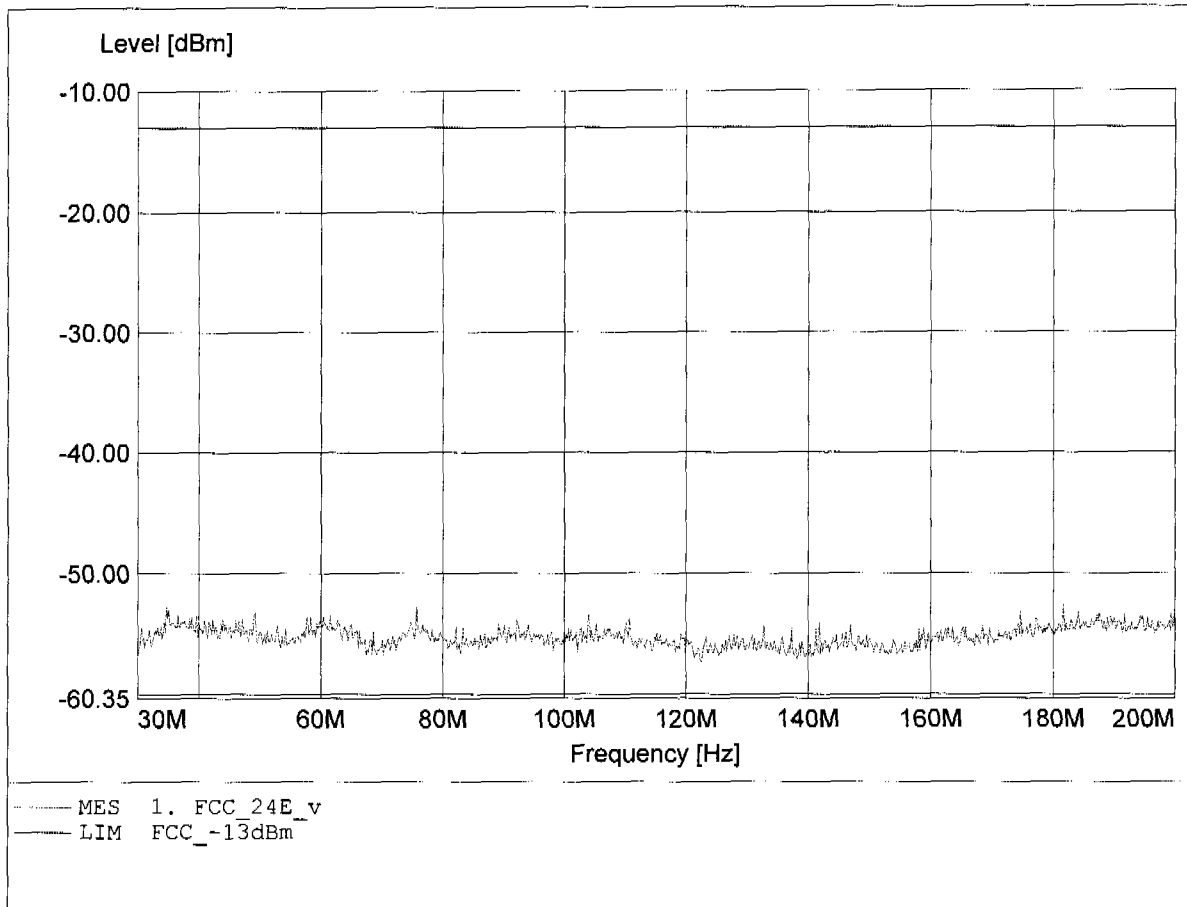
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.406GHz, Pmax: -25.22dBm, RBW: 1MHz



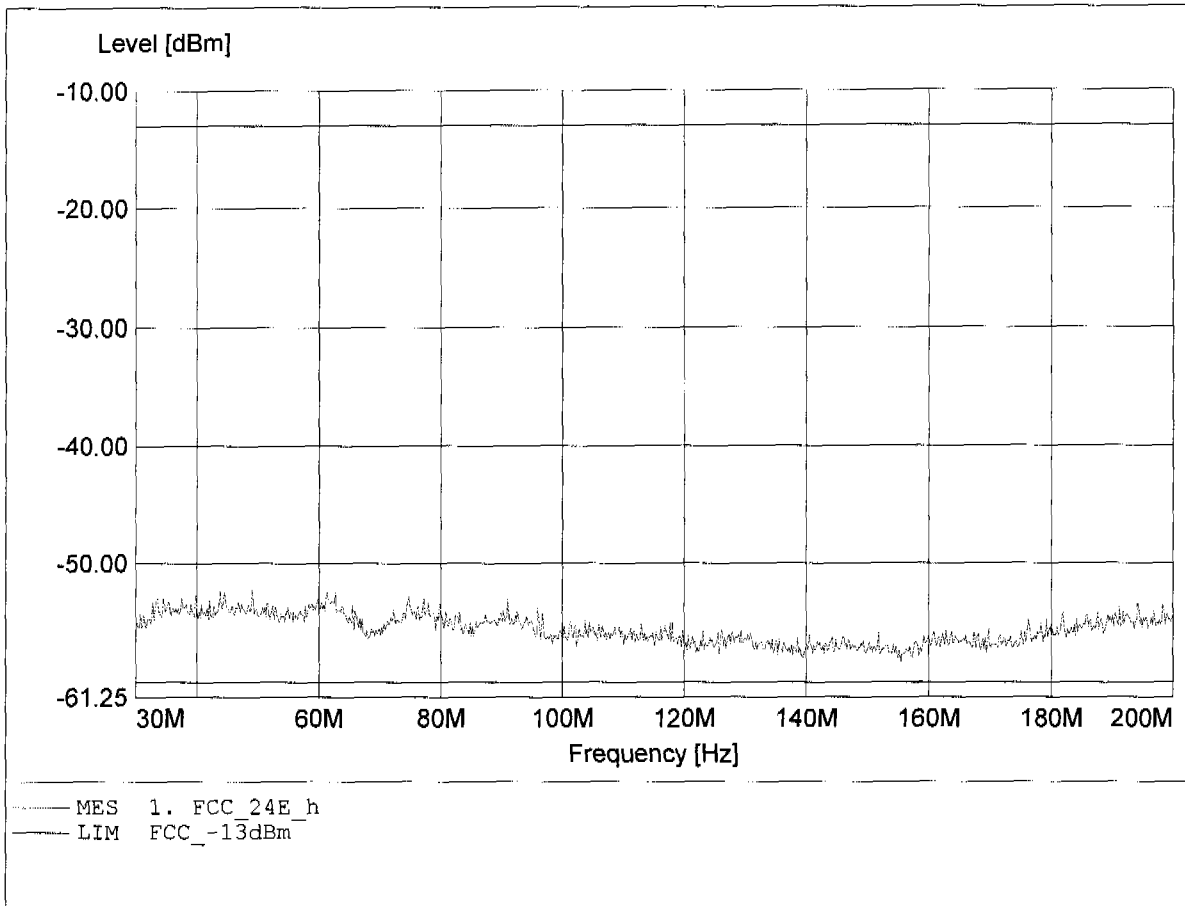
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 181.678MHz, Pmax: -52.59dBm, RBW: 1MHz



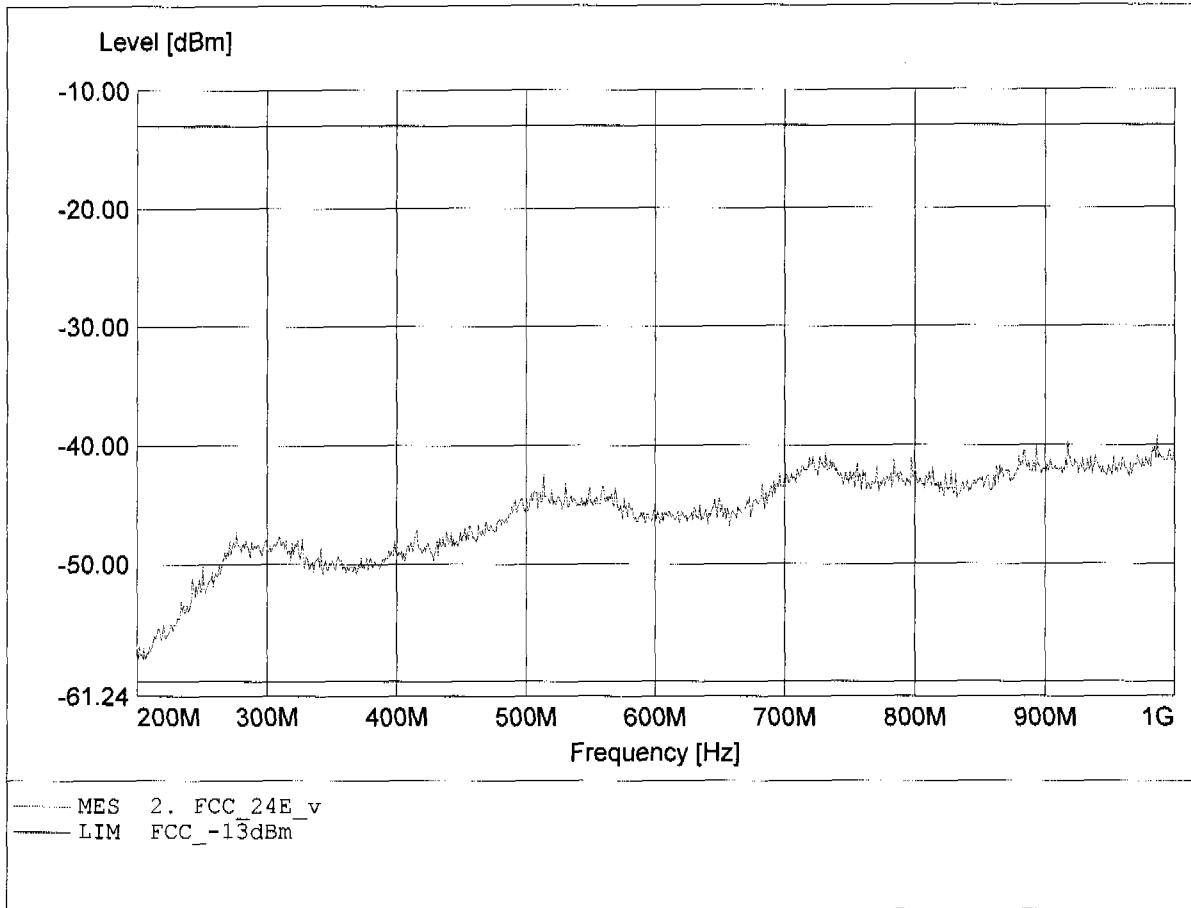
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.789MHz, Pmax: -52.25dBm, RBW: 1MHz



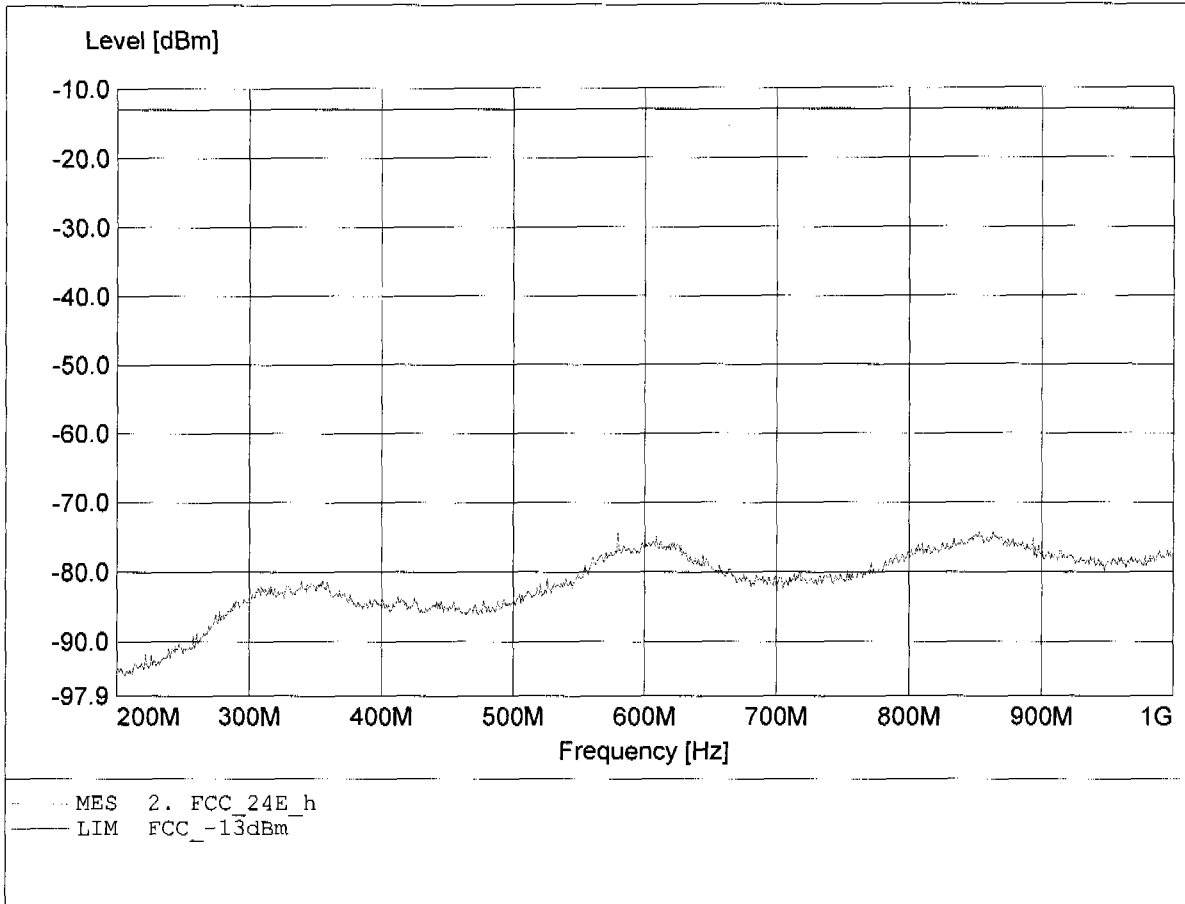
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 986.667MHz, Pmax: -39.23dBm, RBW: 1MHz



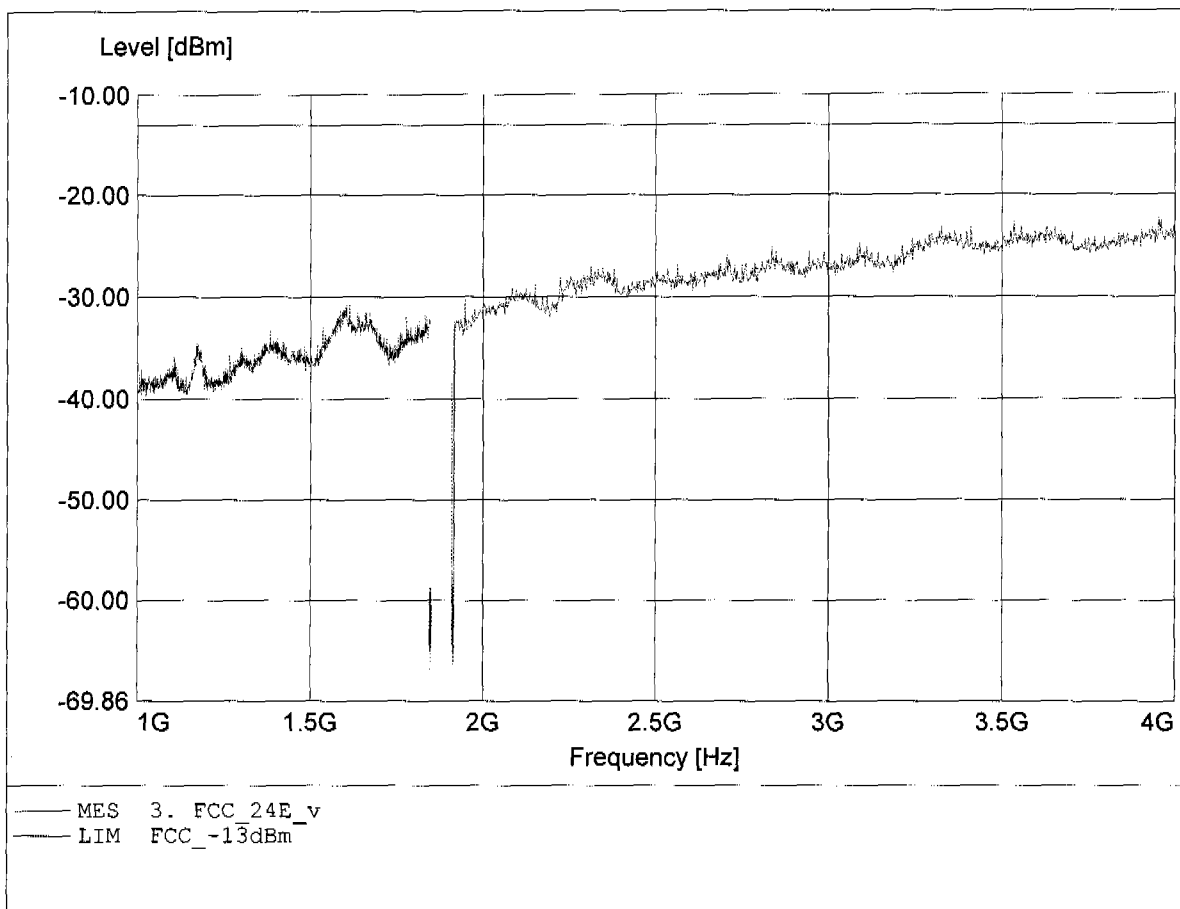
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 863.111MHz, Pmax: -74.23dBm, RBW: 1MHz



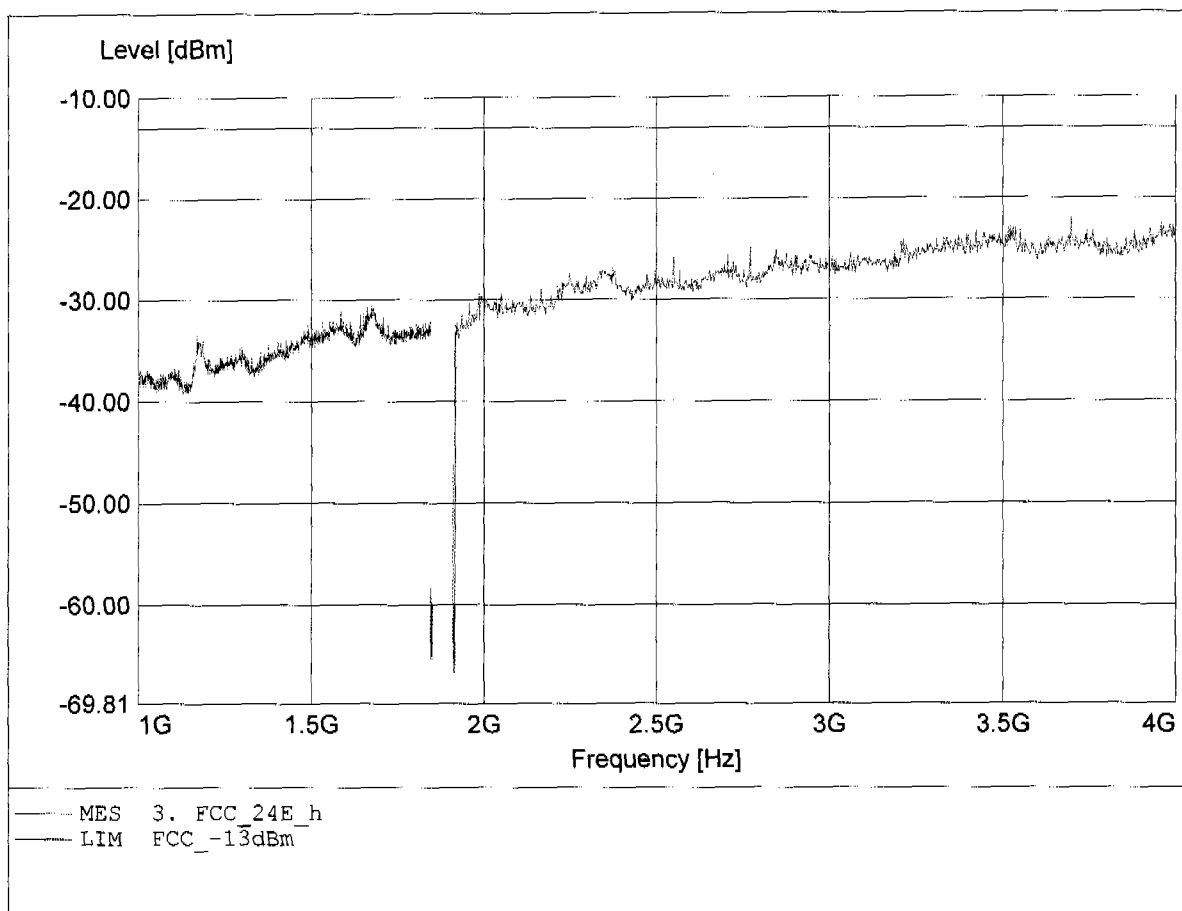
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.954GHz, Pmax: -22.34dBm, RBW: 1MHz/3kHz



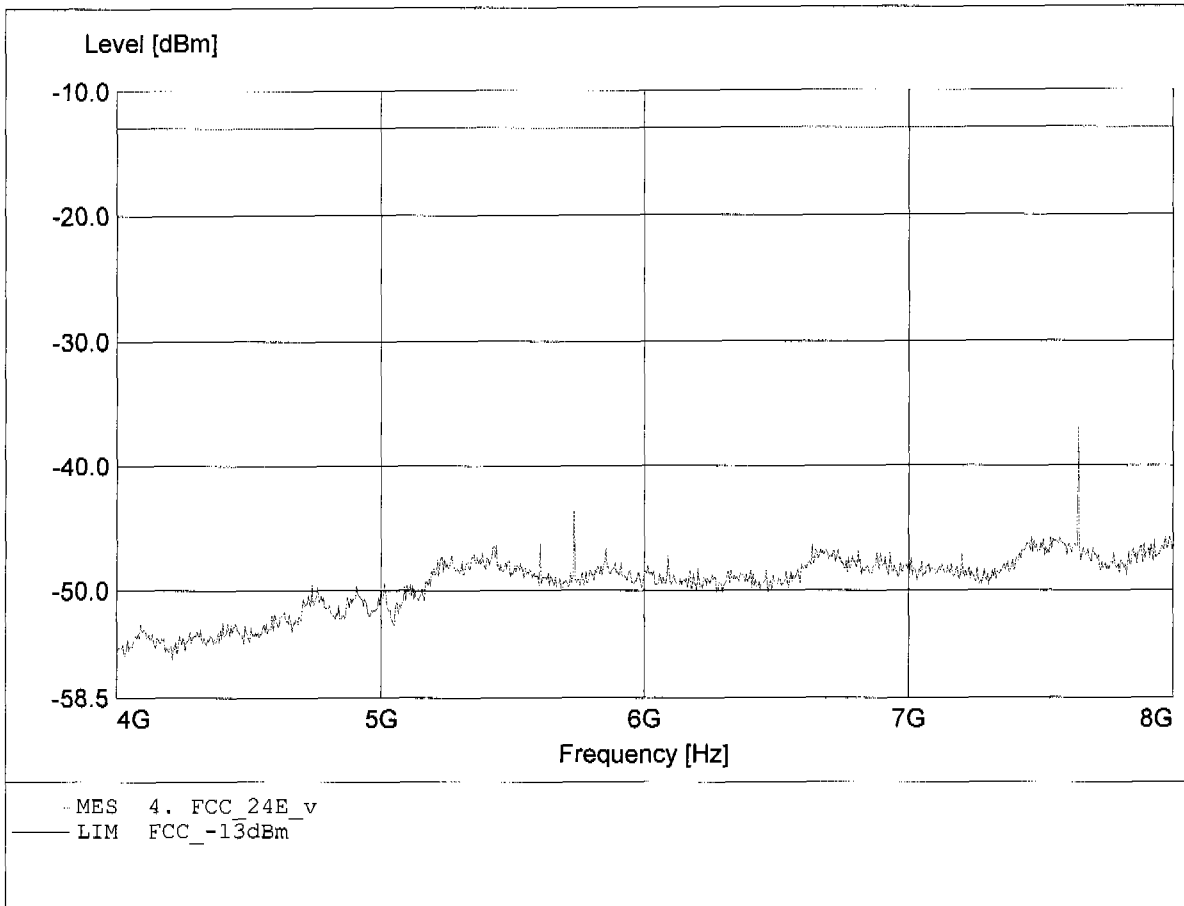
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.697GHz, Pmax: -22.04dBm, RBW: 1MHz/3kHz



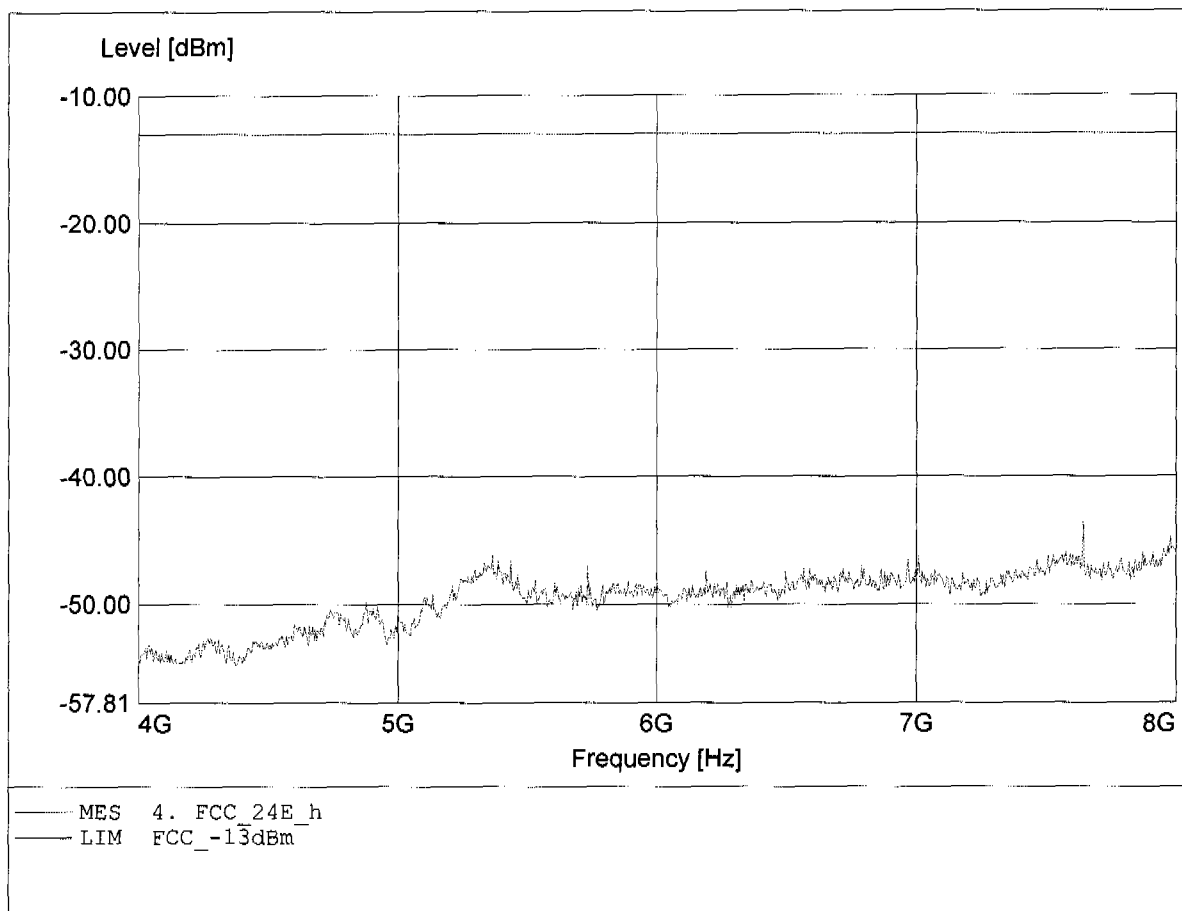
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Pmax: -36.96dBm, RBW: 1MHz



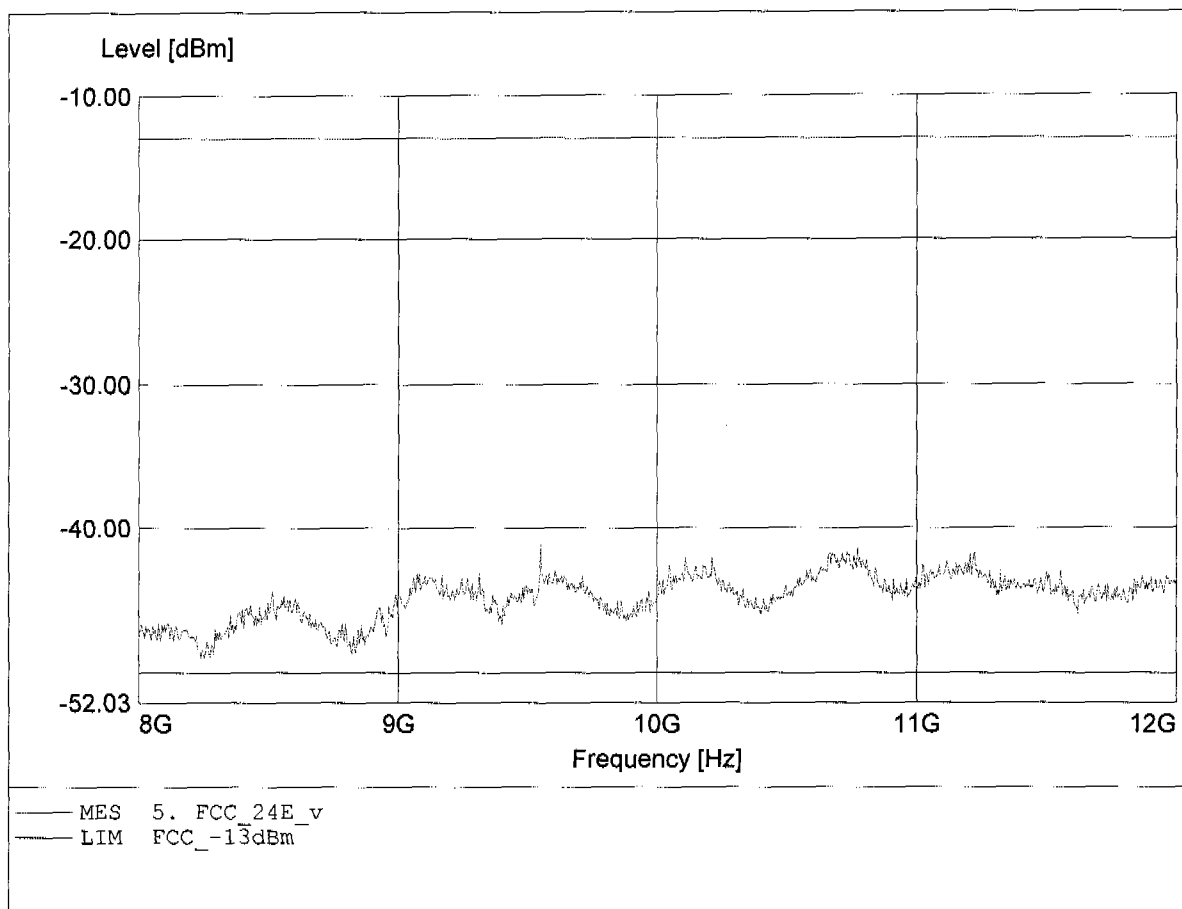
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Fmax: -43.54dBm, RBW: 1MHz



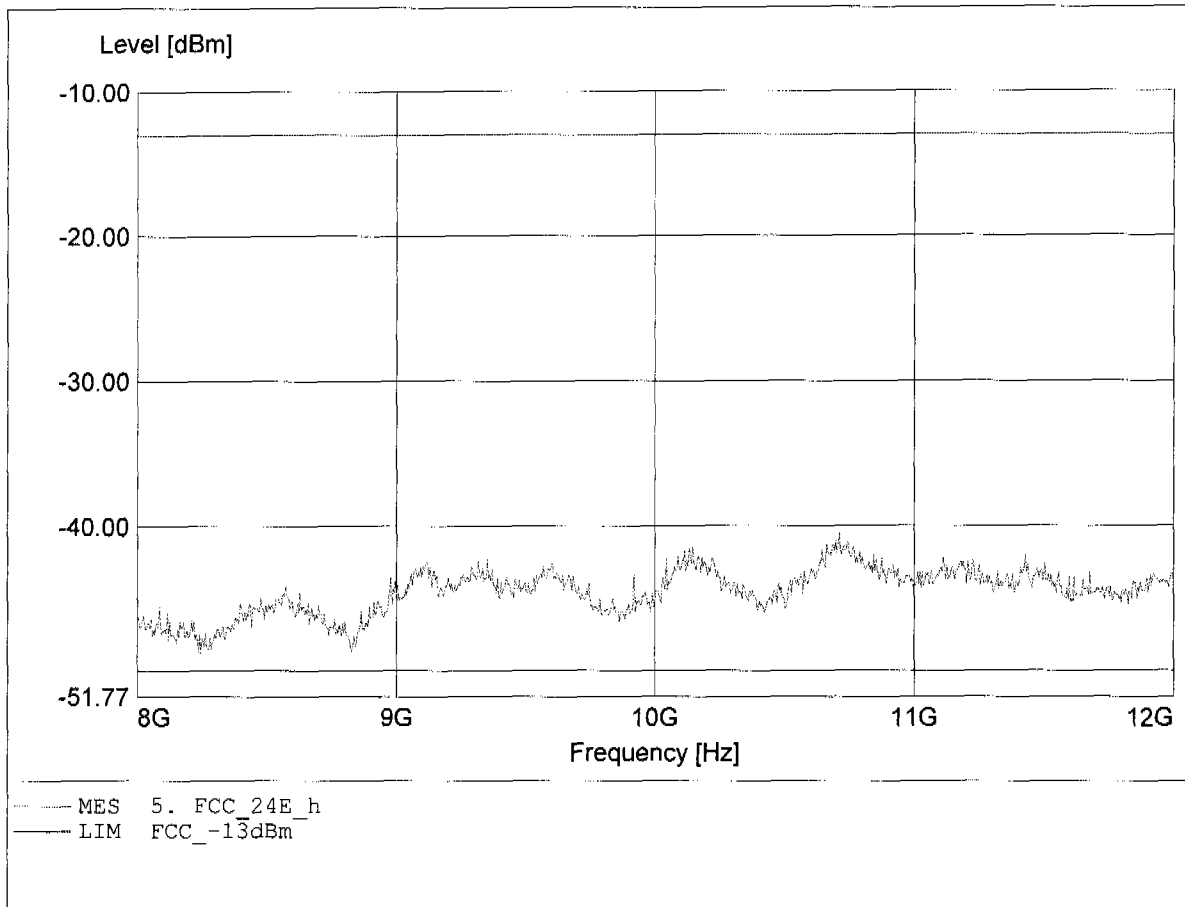
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -41.18dBm, RBW: 1MHz



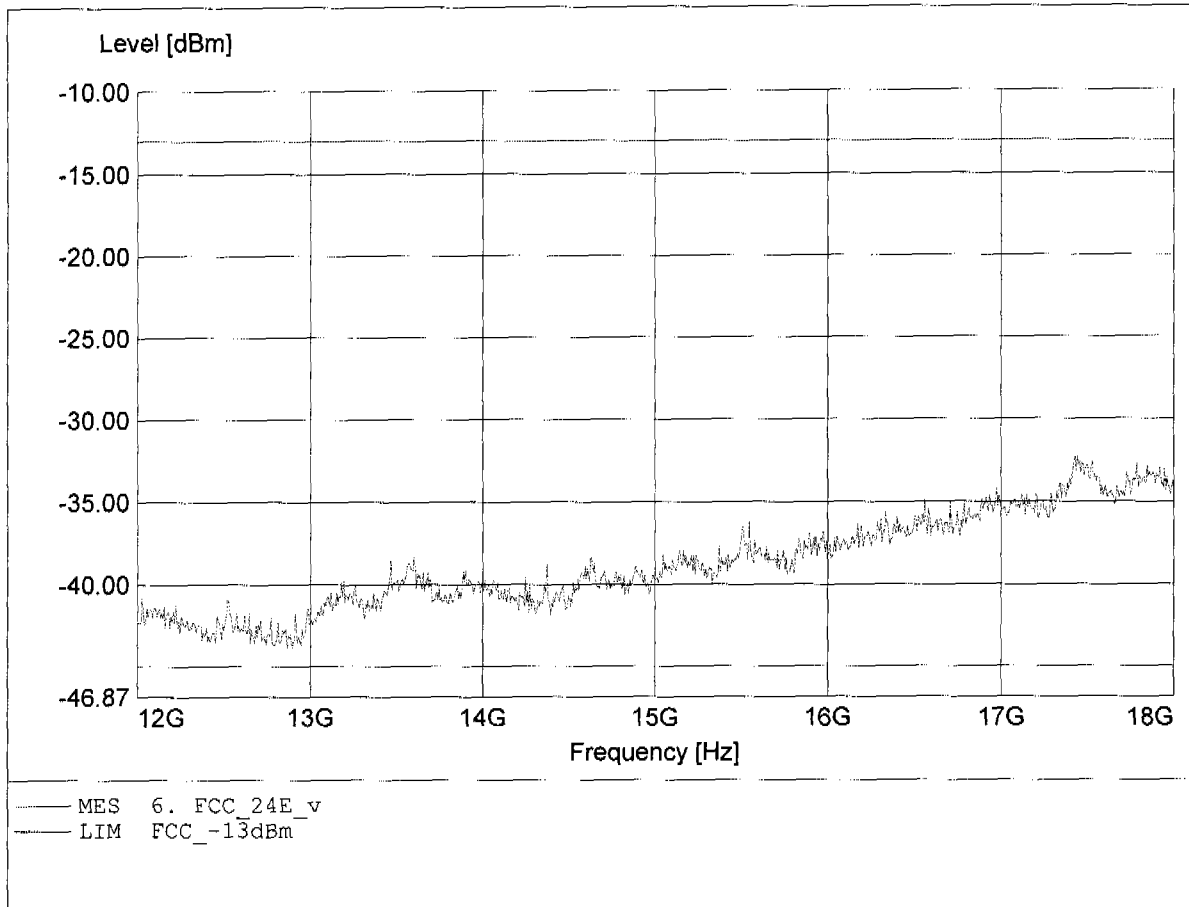
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.711GHz, Pmax: -40.47dBm, RBW: 1MHz



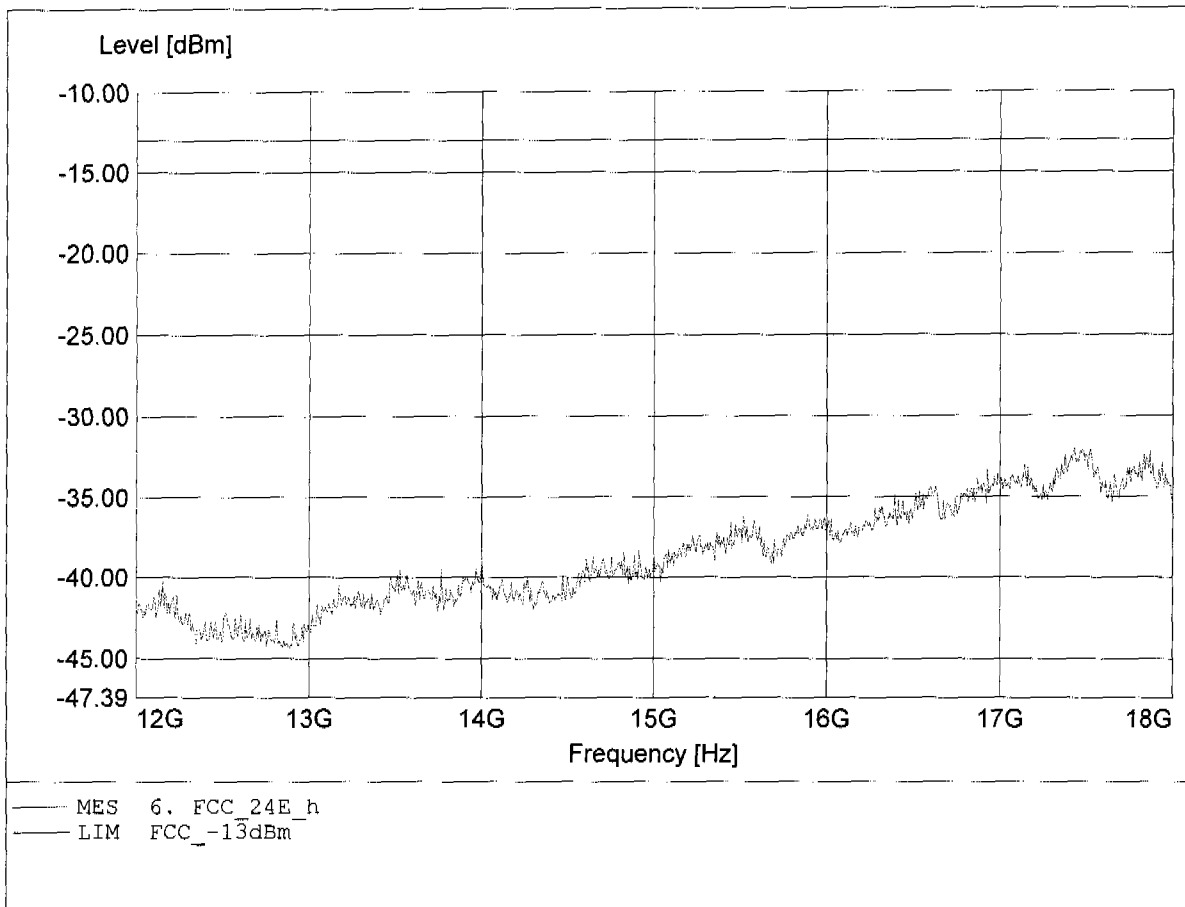
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -32.29dBm, RBW: 1MHz



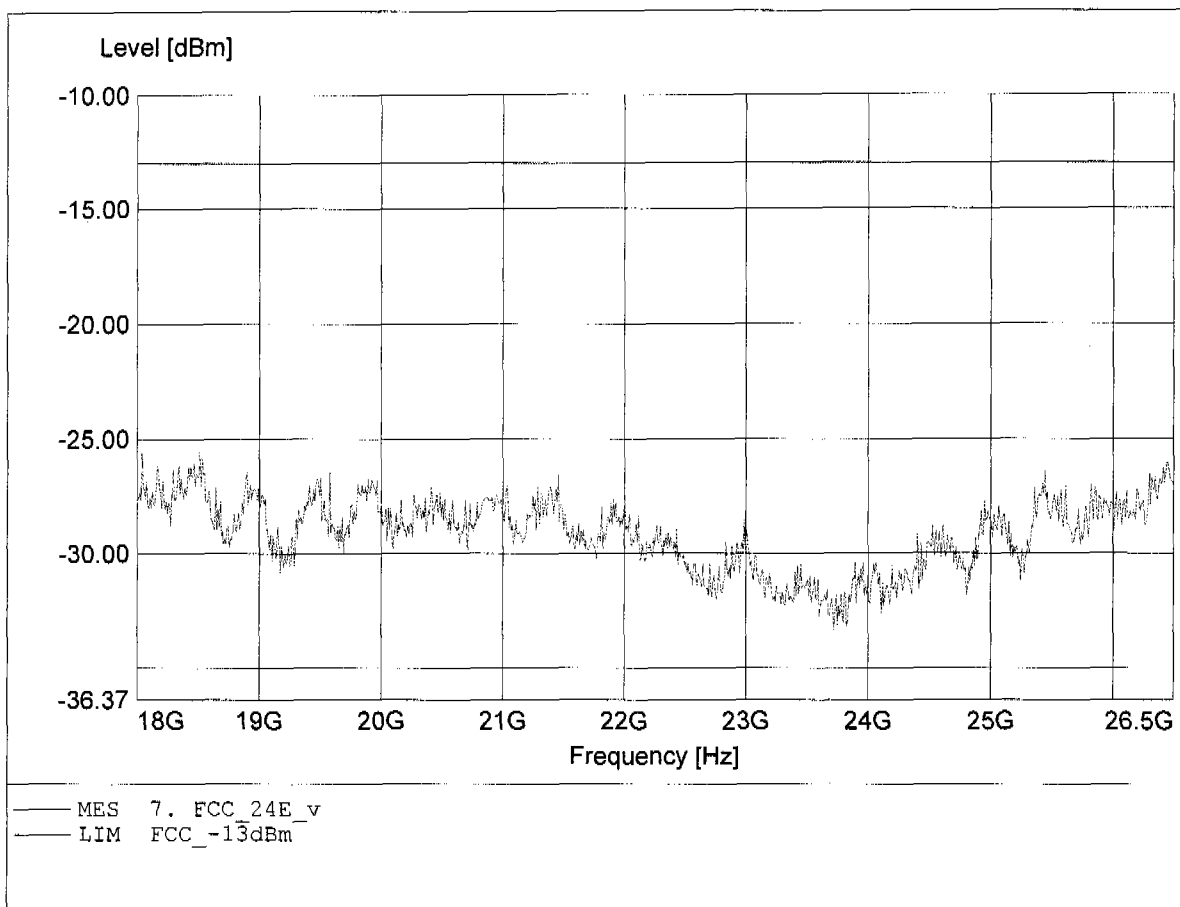
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.92dBm, RBW: 1MHz



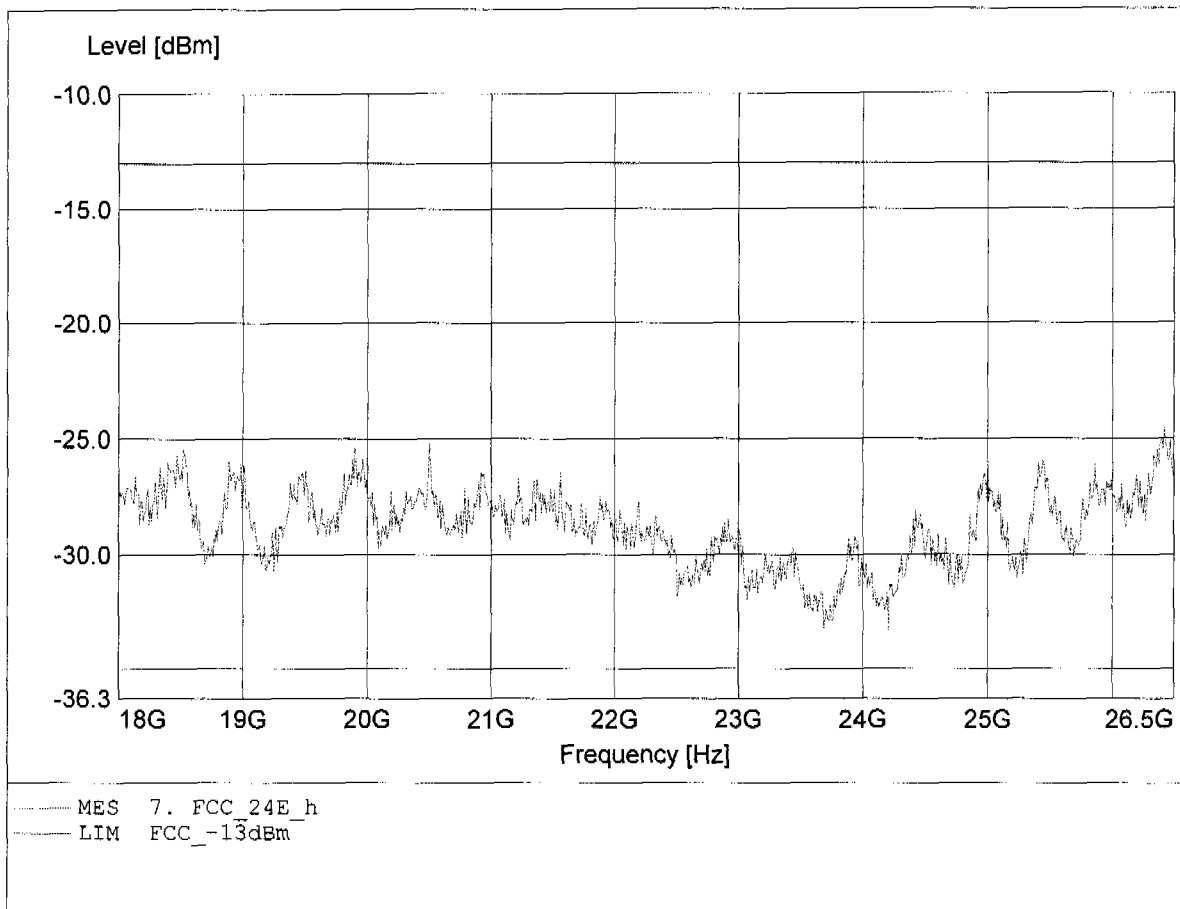
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.510GHz, Pmax: -25.52dBm, RBW: 1MHz



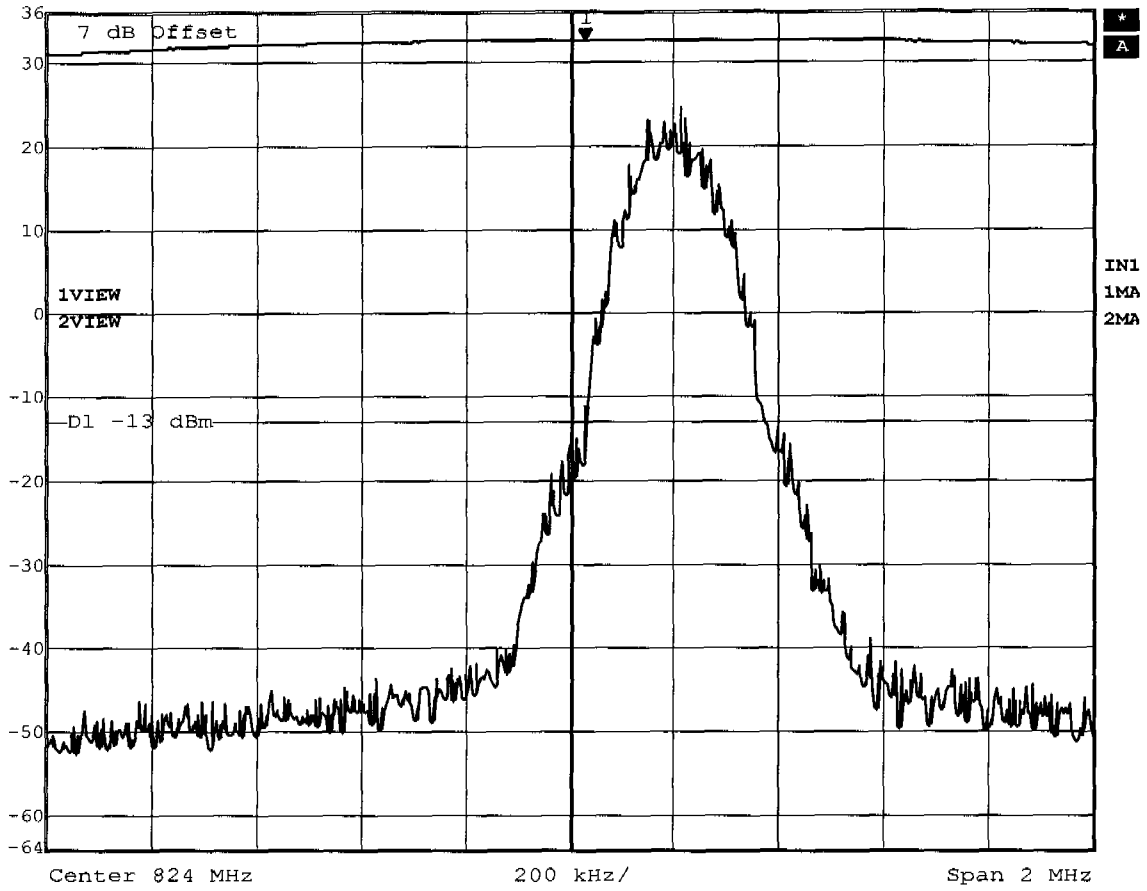
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.424GHz, Pmax: -24.55dBm, RBW: 1MHz





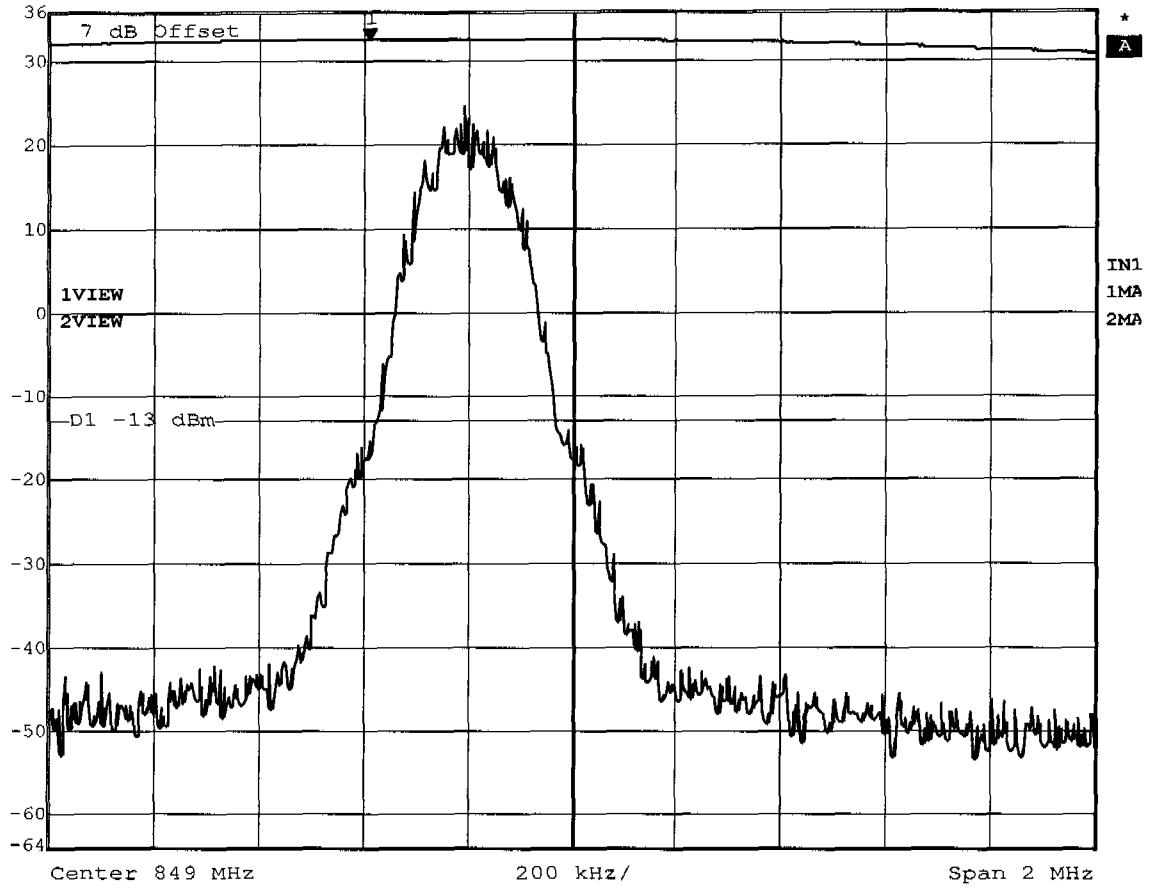
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 32.48 dBm VBW 3 kHz
36 dBm 824.03006012 MHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Comment A: Crosscheck
Date: 1.DEC.2003 20:50:27



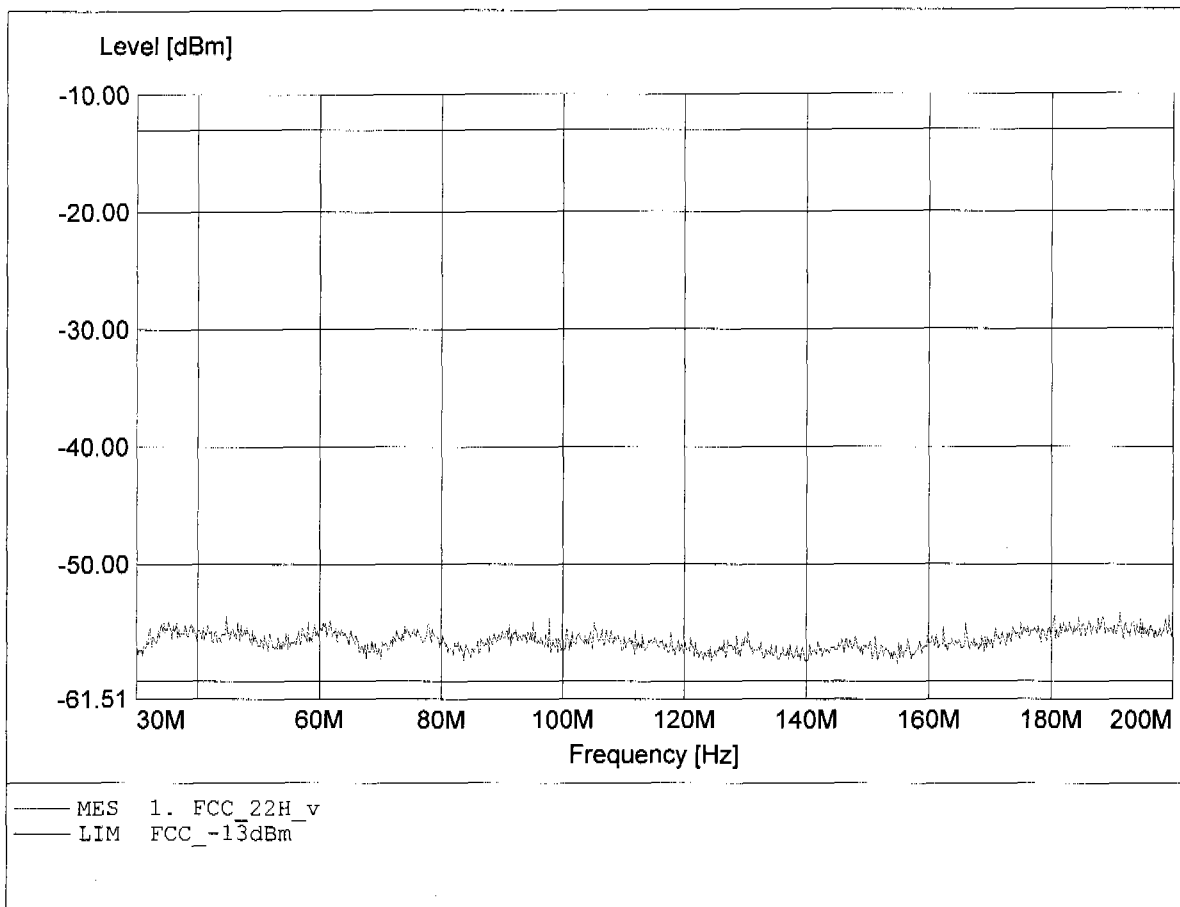
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 32.47 dBm VBW 3 kHz
36 dBm 848.61322645 MHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Comment A: Crosscheck
Date: 1.DEC.2003 21:00:07

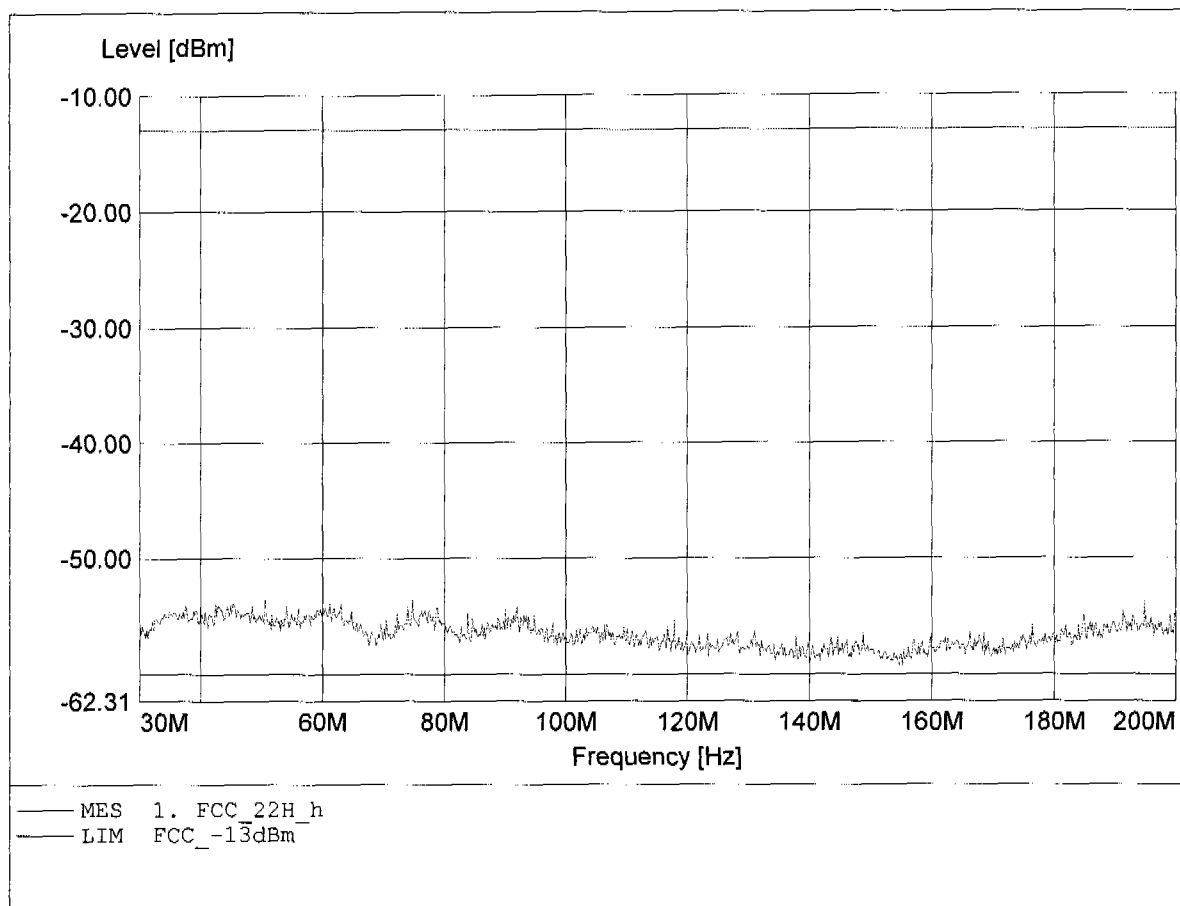
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.311MHz, Pmax: -54.09dBm, RBW: 1MHz



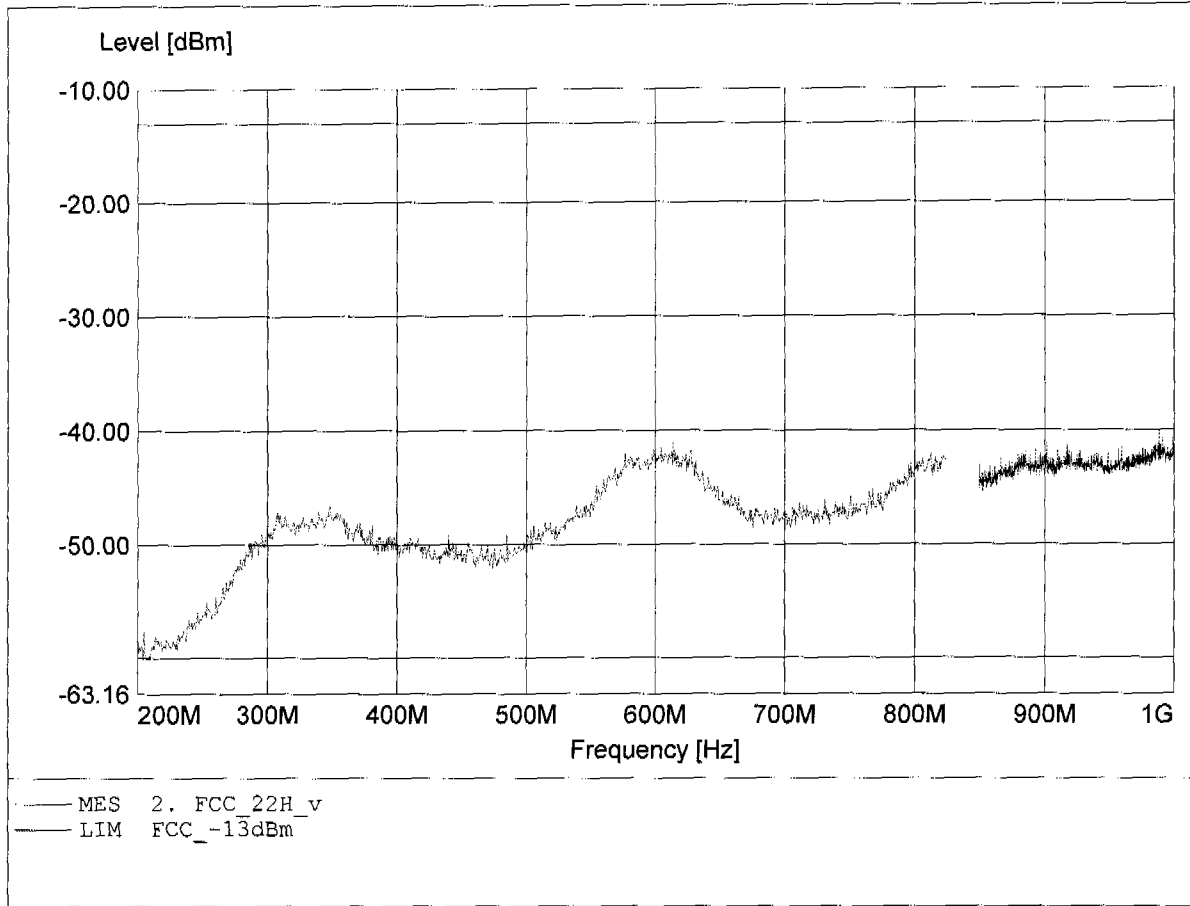
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 50.589MHz, Pmax: -53.47dBm, RBW: 1MHz



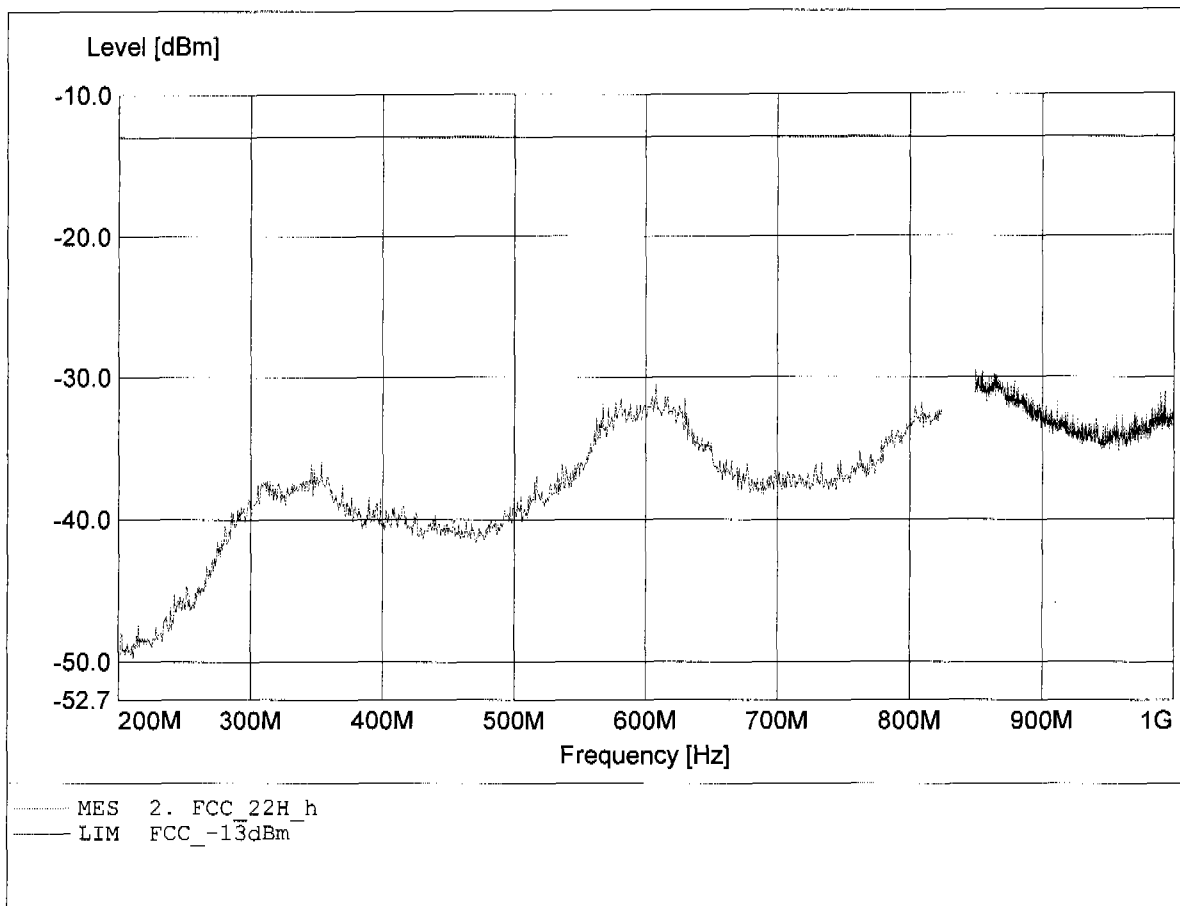
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 988.591MHz, Pmax: -39.81dBm, RBW: 1MHz



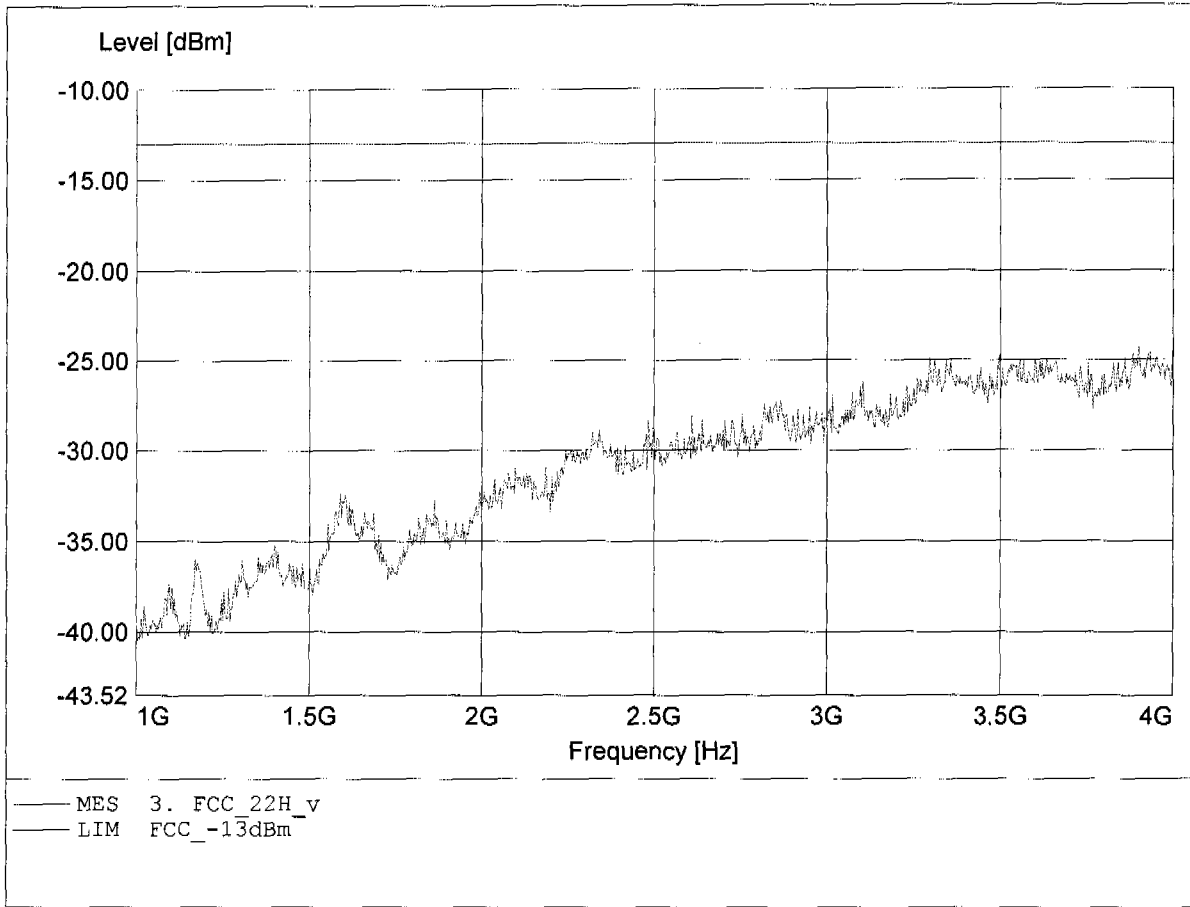
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.336MHz, Pmax: -29.54dBm, RBW: 1MHz



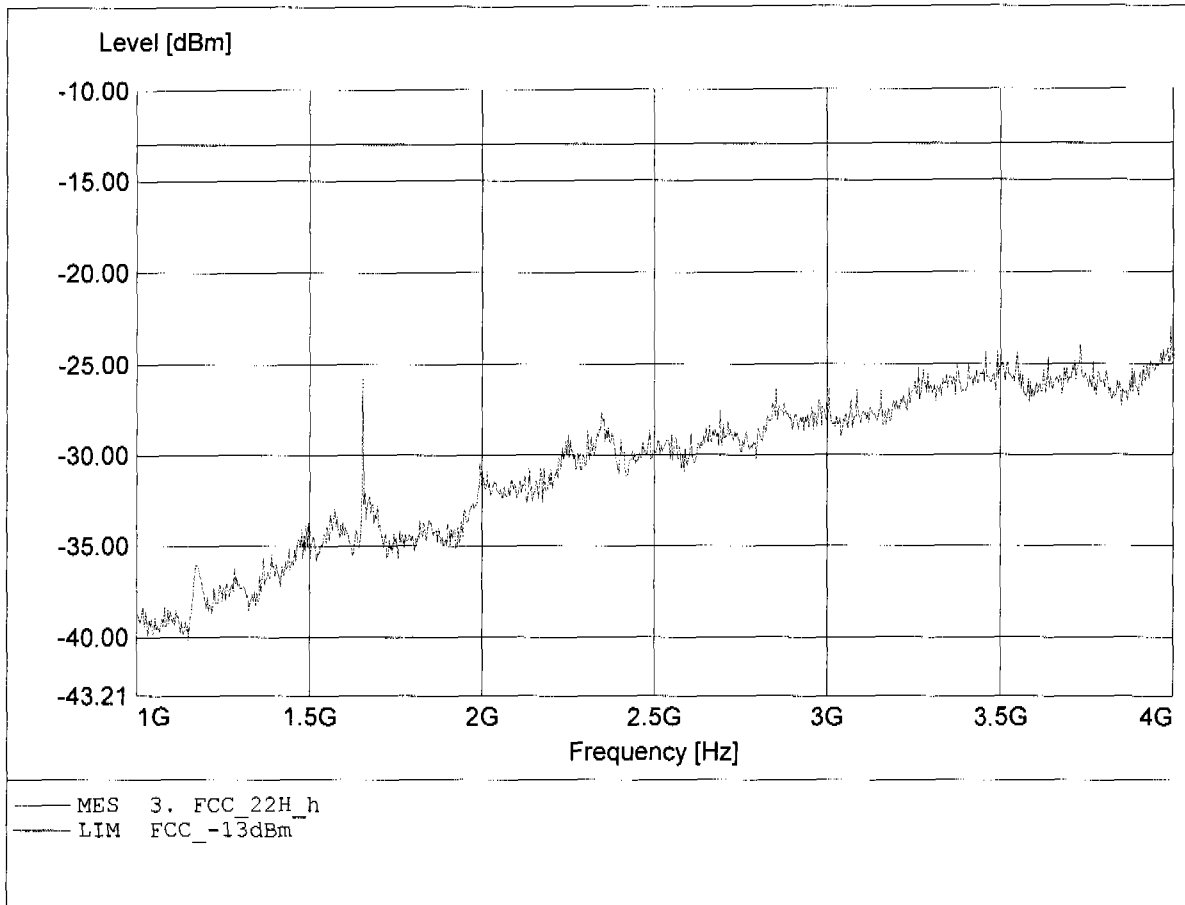
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 4.000GHz, Pmax: -23.44dBm, RBW: 1MHz



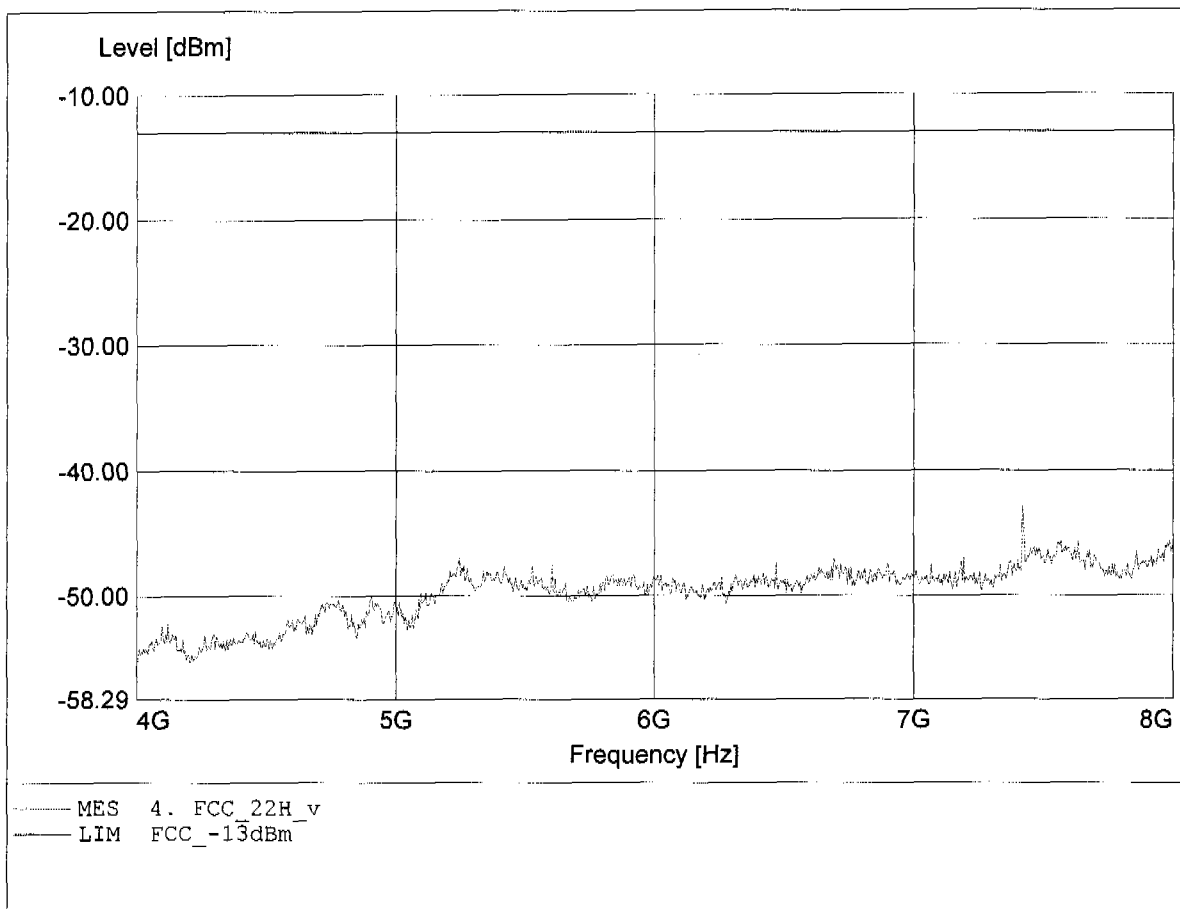
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.993GHz, Pmax: -22.93dBm, RBW: 1MHz



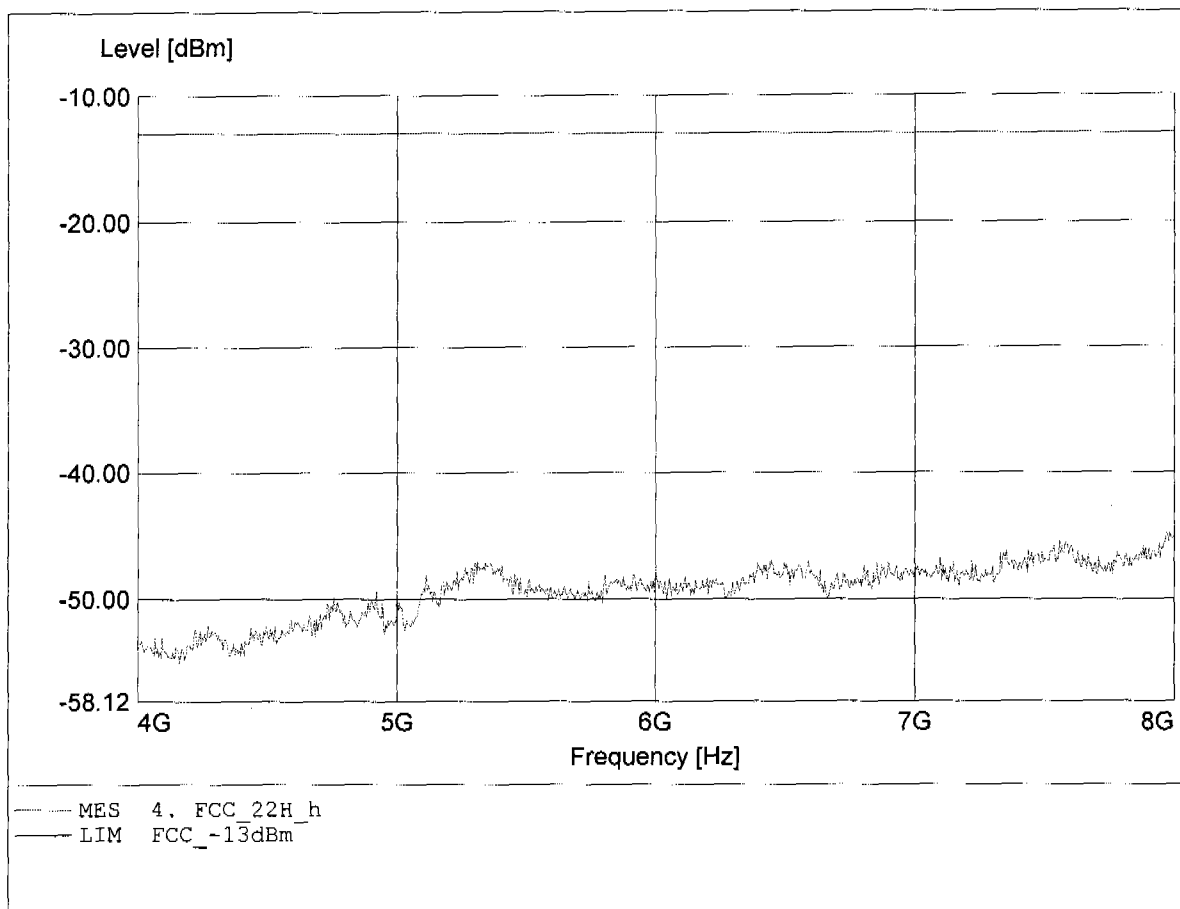
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.418GHz, Pmax: -42.93dBm, RBW: 1MHz



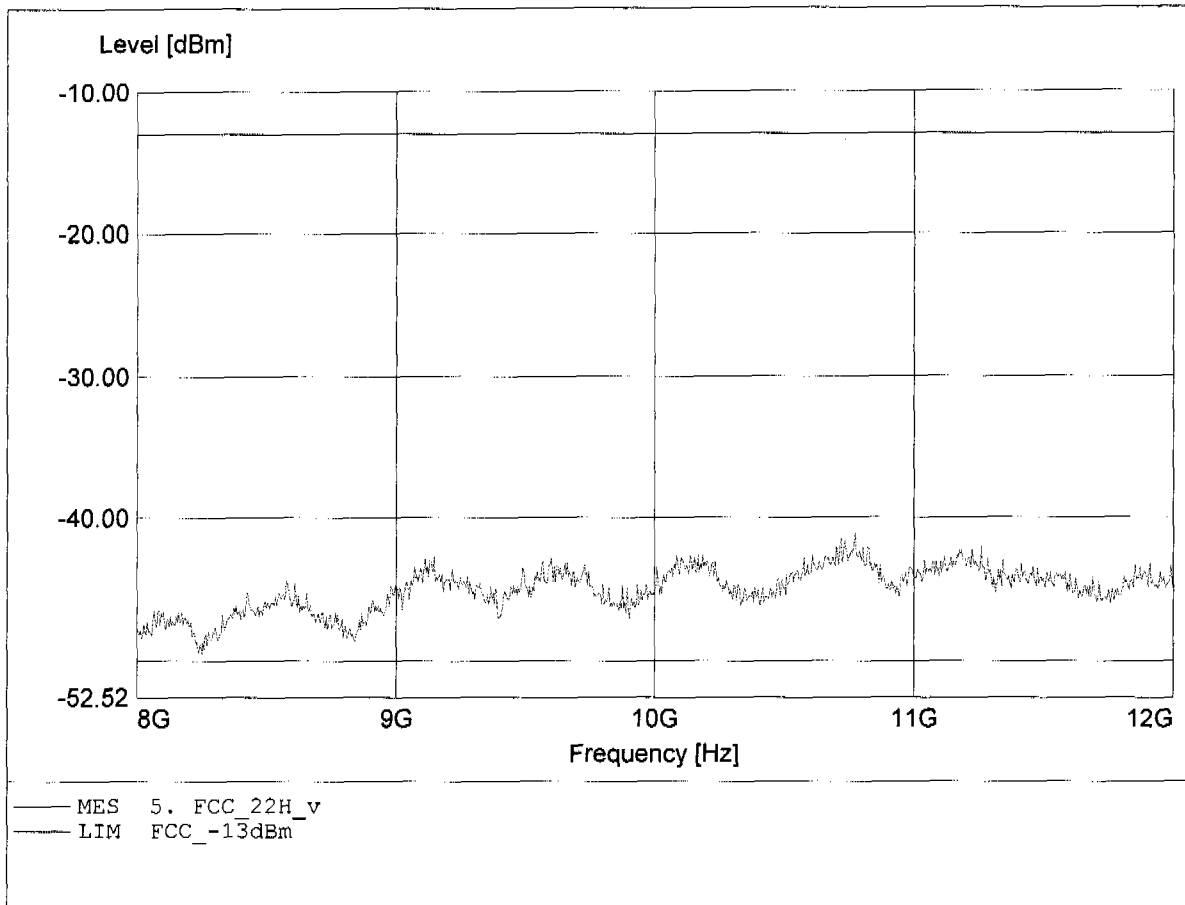
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.969GHz, Pmax: -44.73dBm, RBW: 1MHz



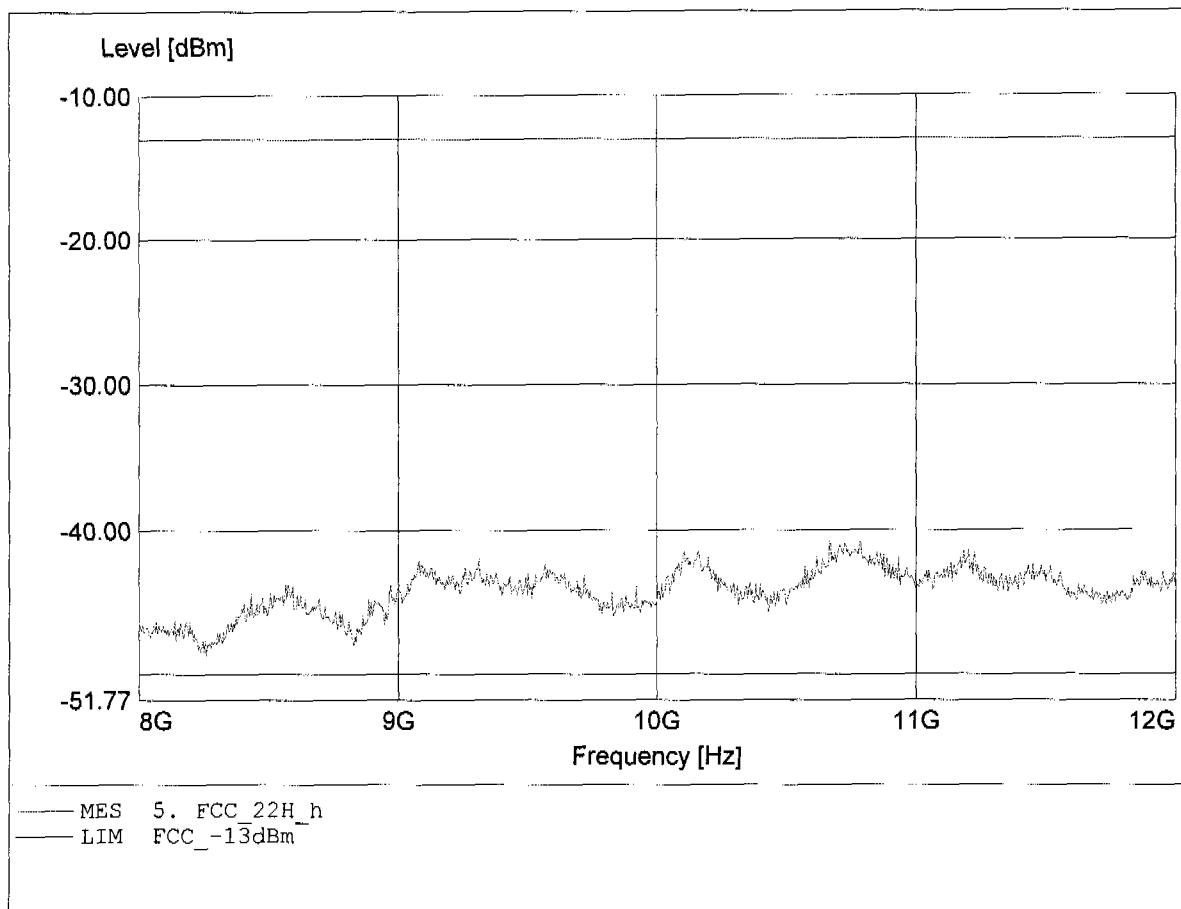
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.773GHz, Pmax: -41.14dBm, RBW: 1MHz



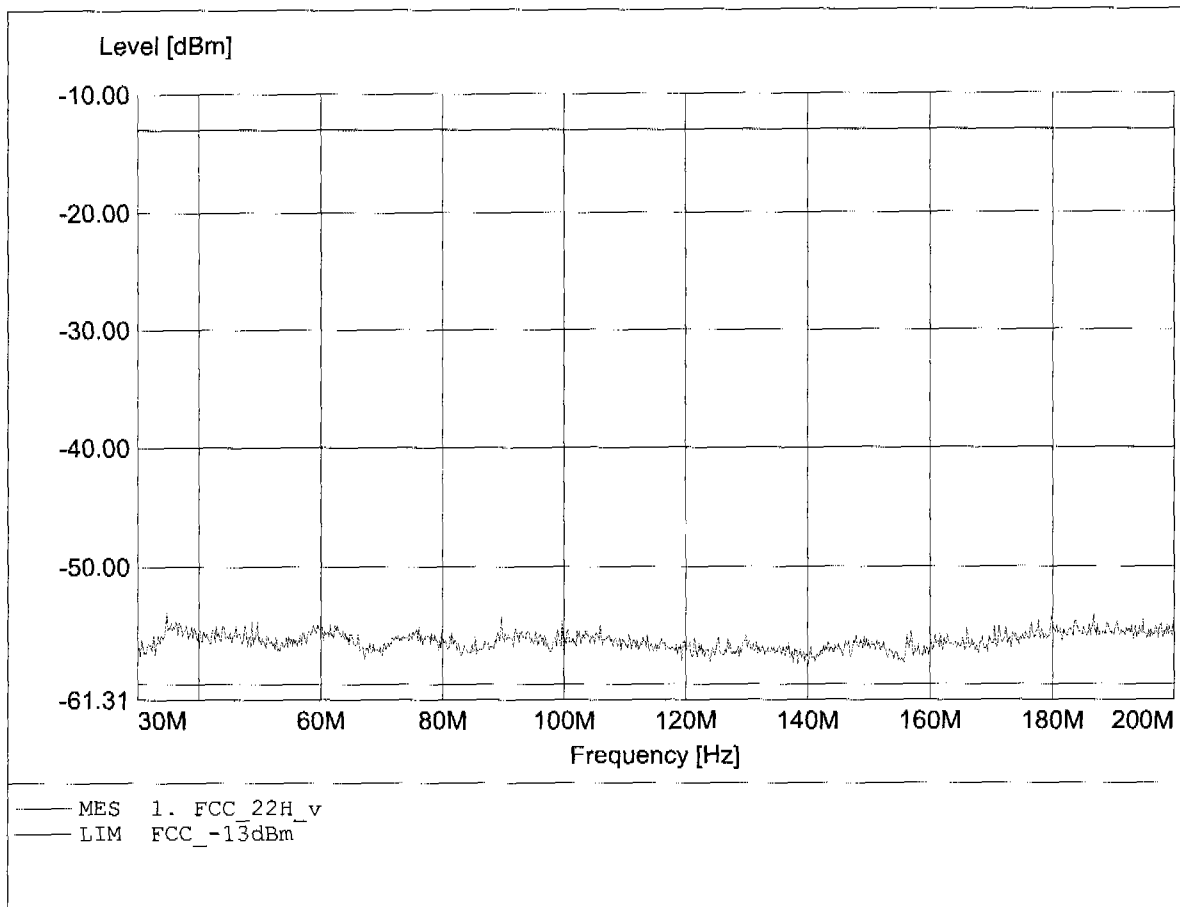
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.787GHz, Pmax: -40.72dBm, RBW: 1MHz



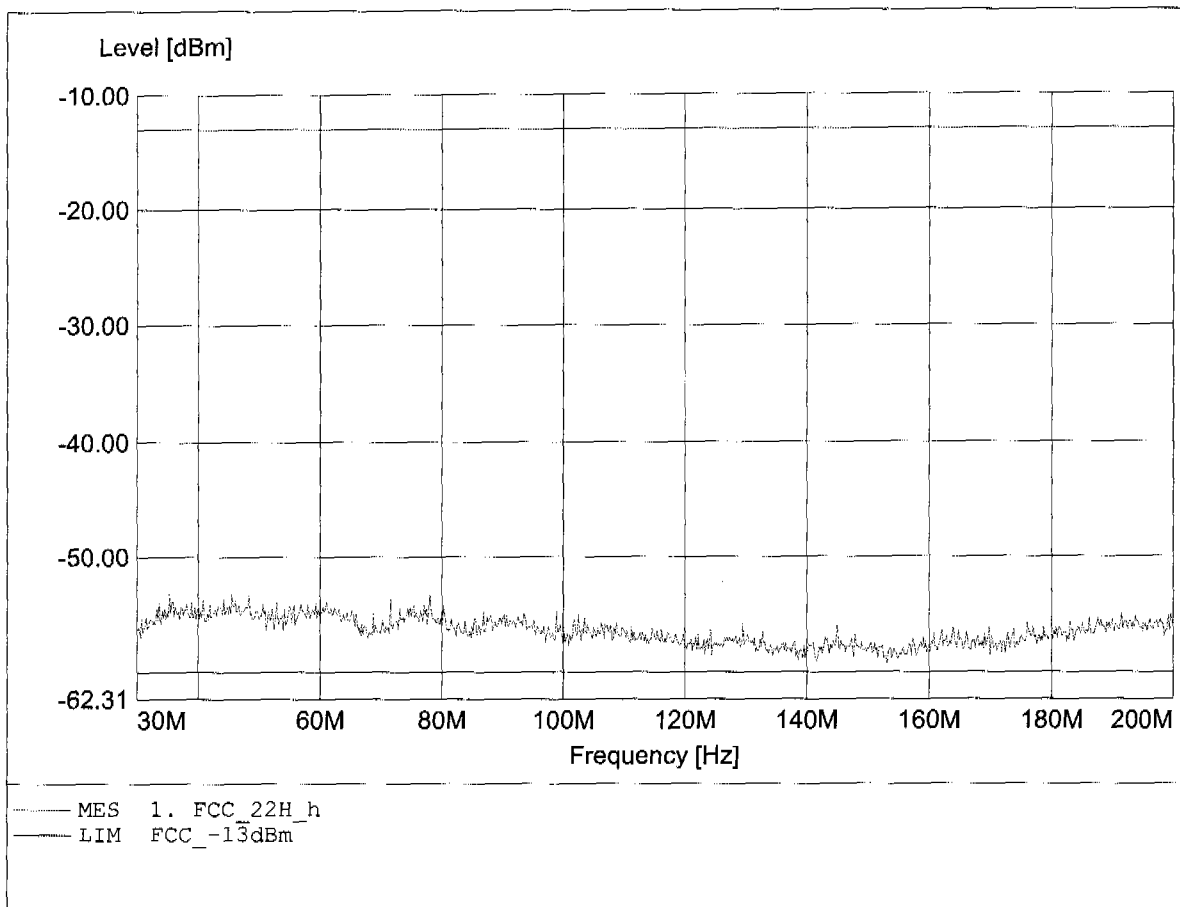
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 34.722MHz, Pmax: -53.85dBm, RBW: 1MHz



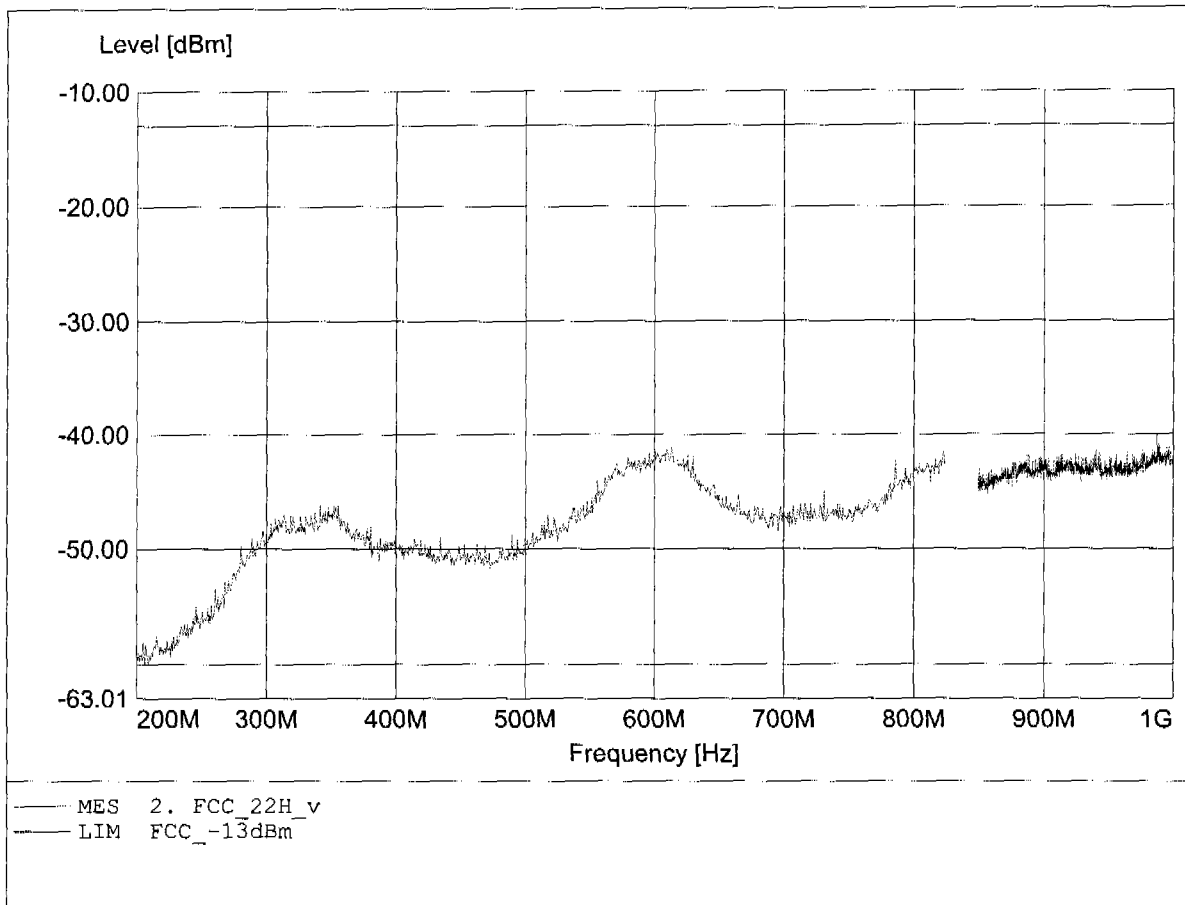
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 35.289MHz, Pmax: -53.11dBm, RBW: 1MHz



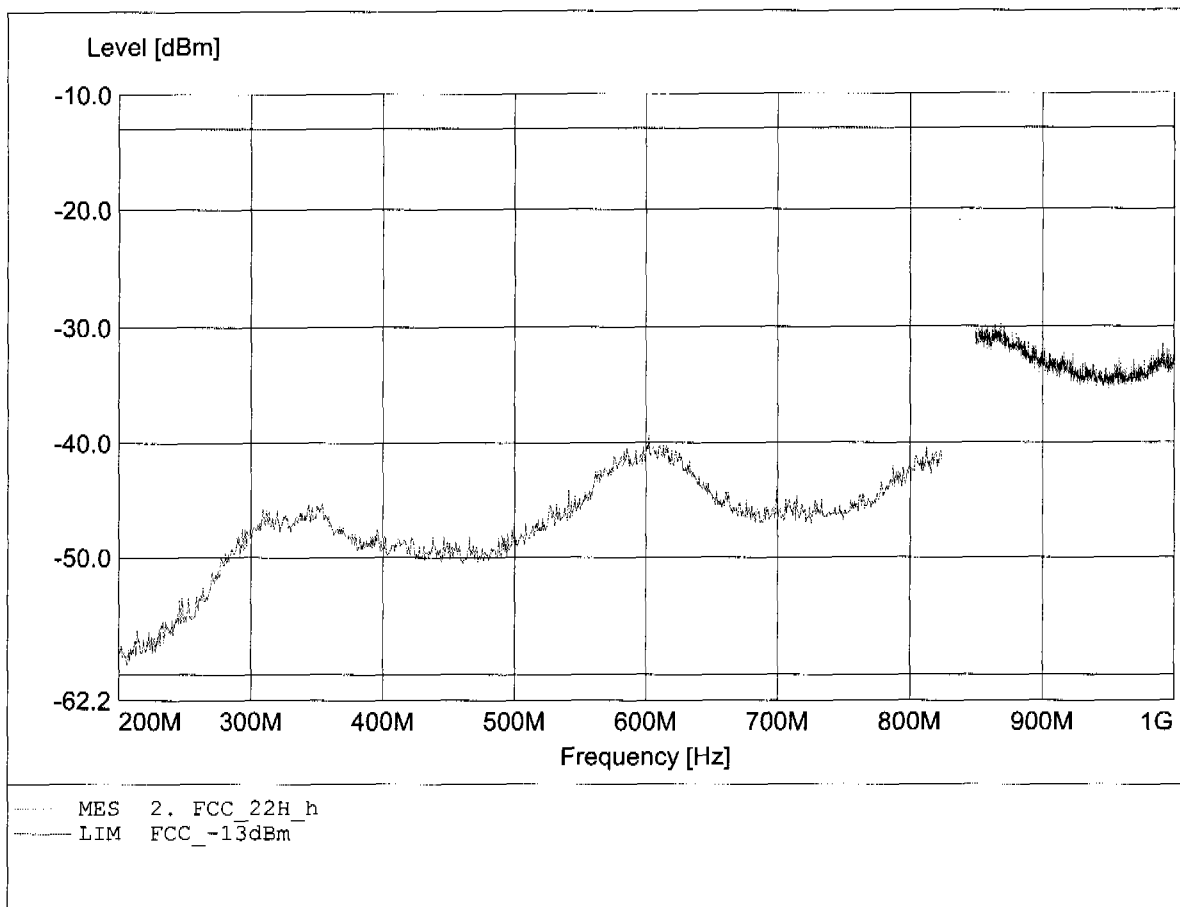
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 987.417MHz, Pmax: -40.06dBm, RBW: 1MHz



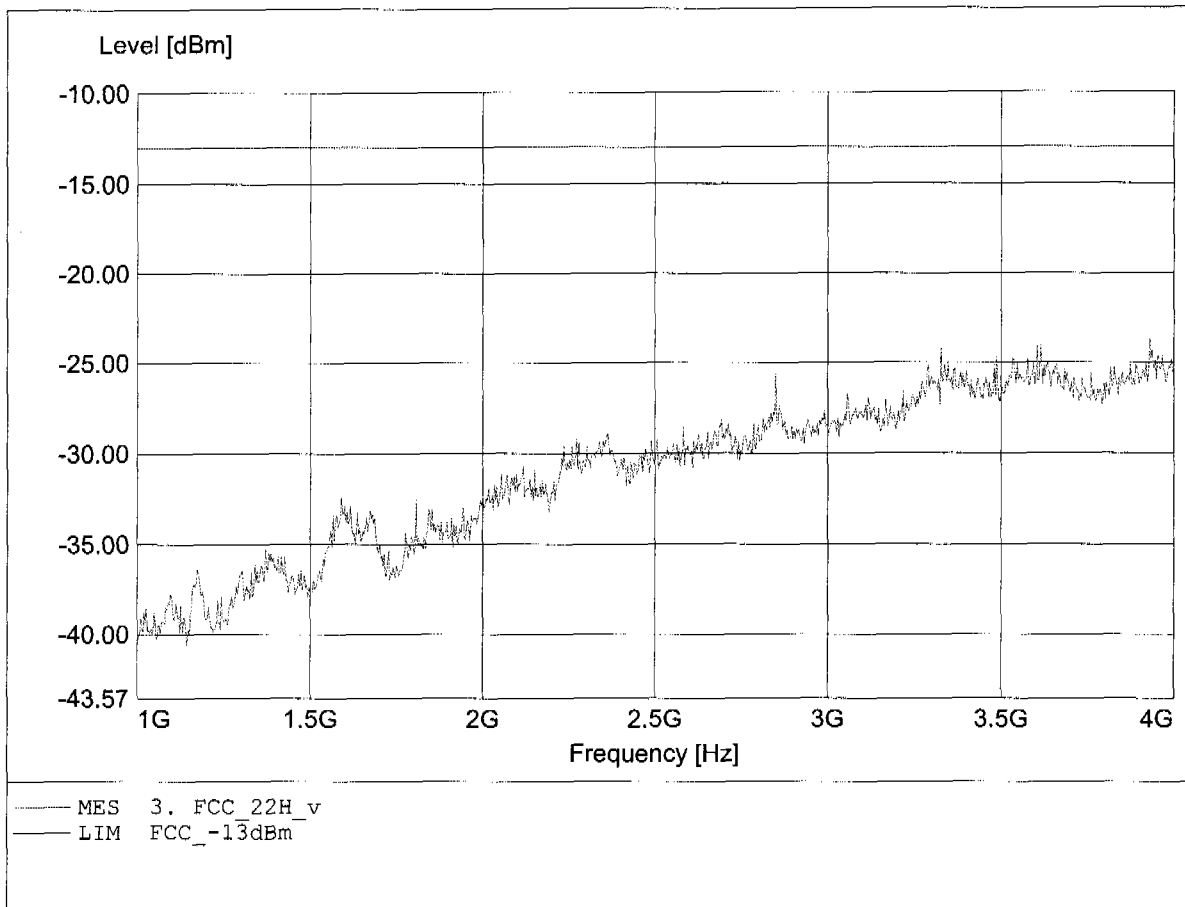
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 868.630MHz, Pmax: -29.78dBm, RBW: 1MHz



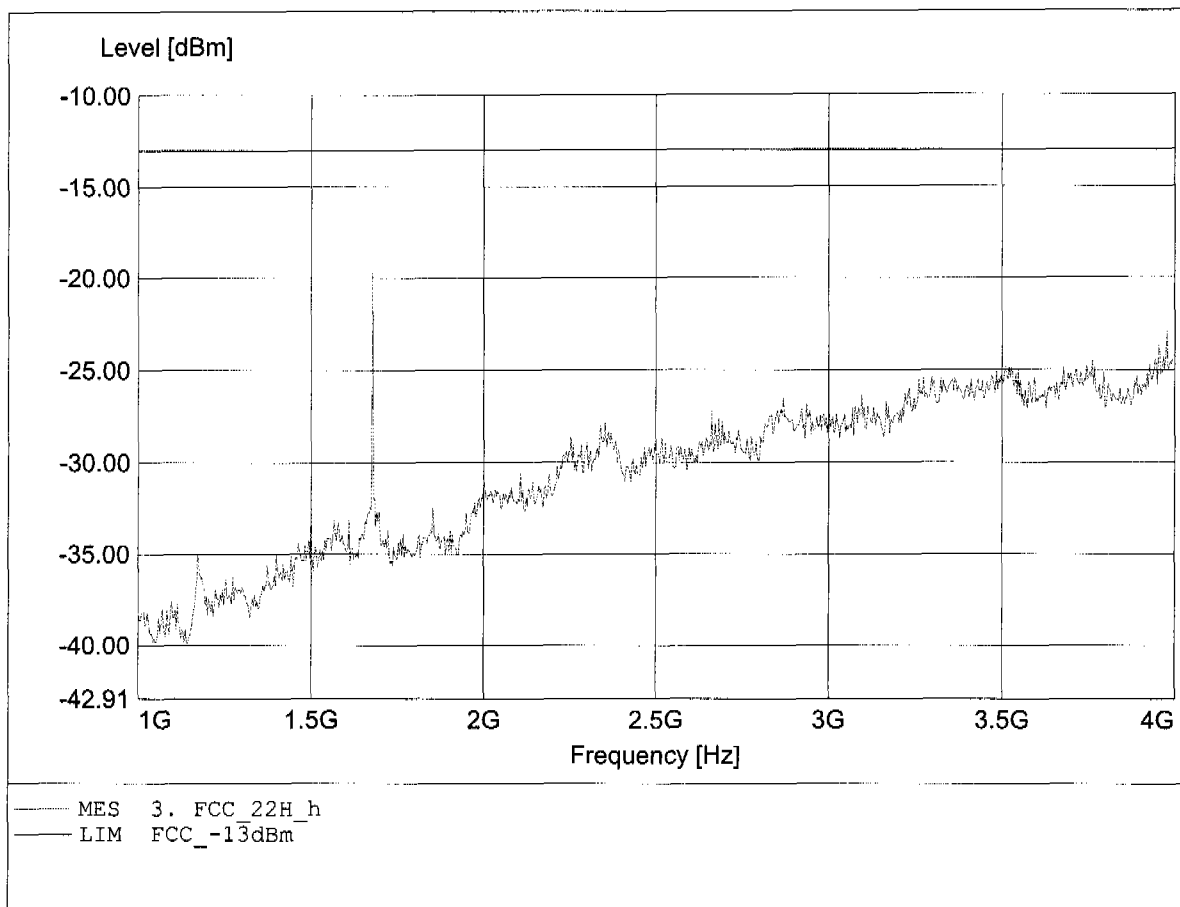
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.930GHz, Pmax: -23.67dBm, RBW: 1MHz



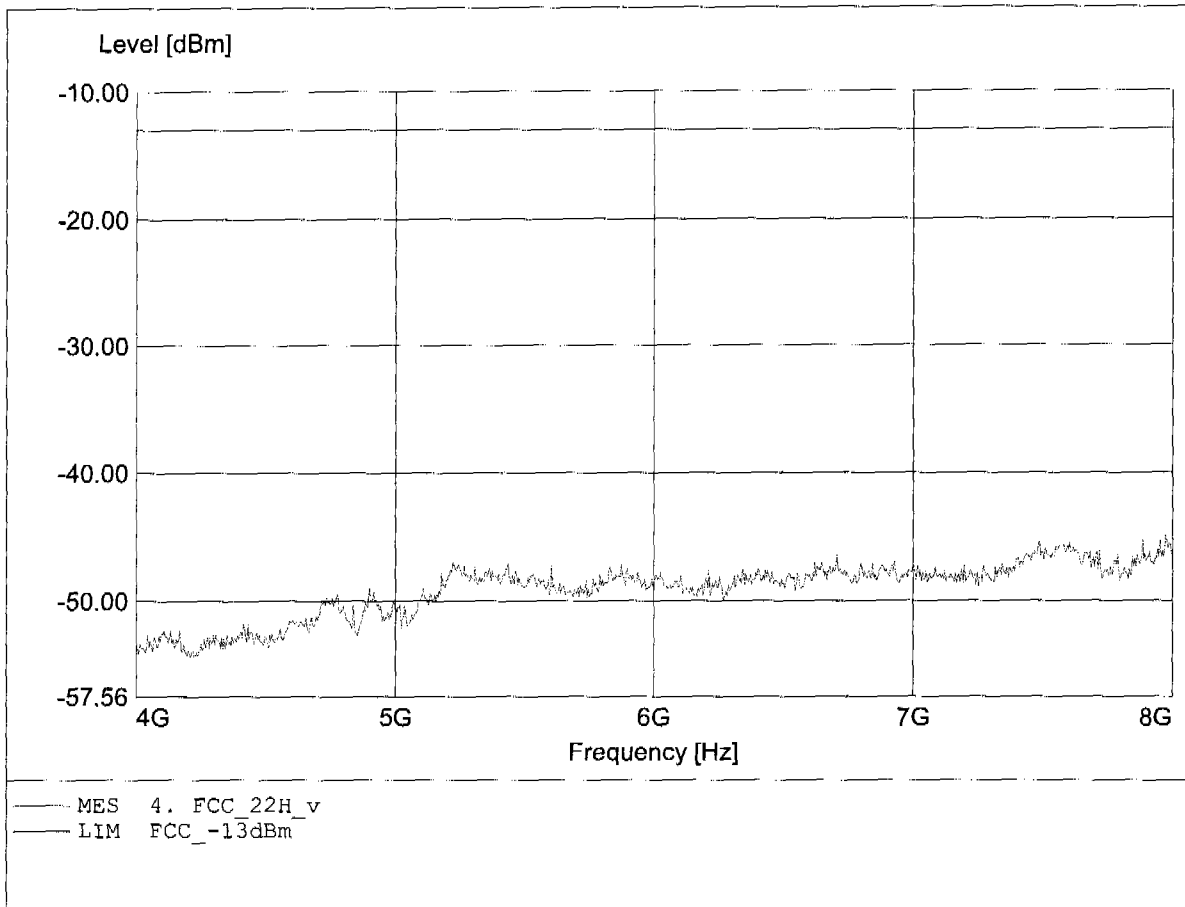
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -19.72dBm, RBW: 1MHz



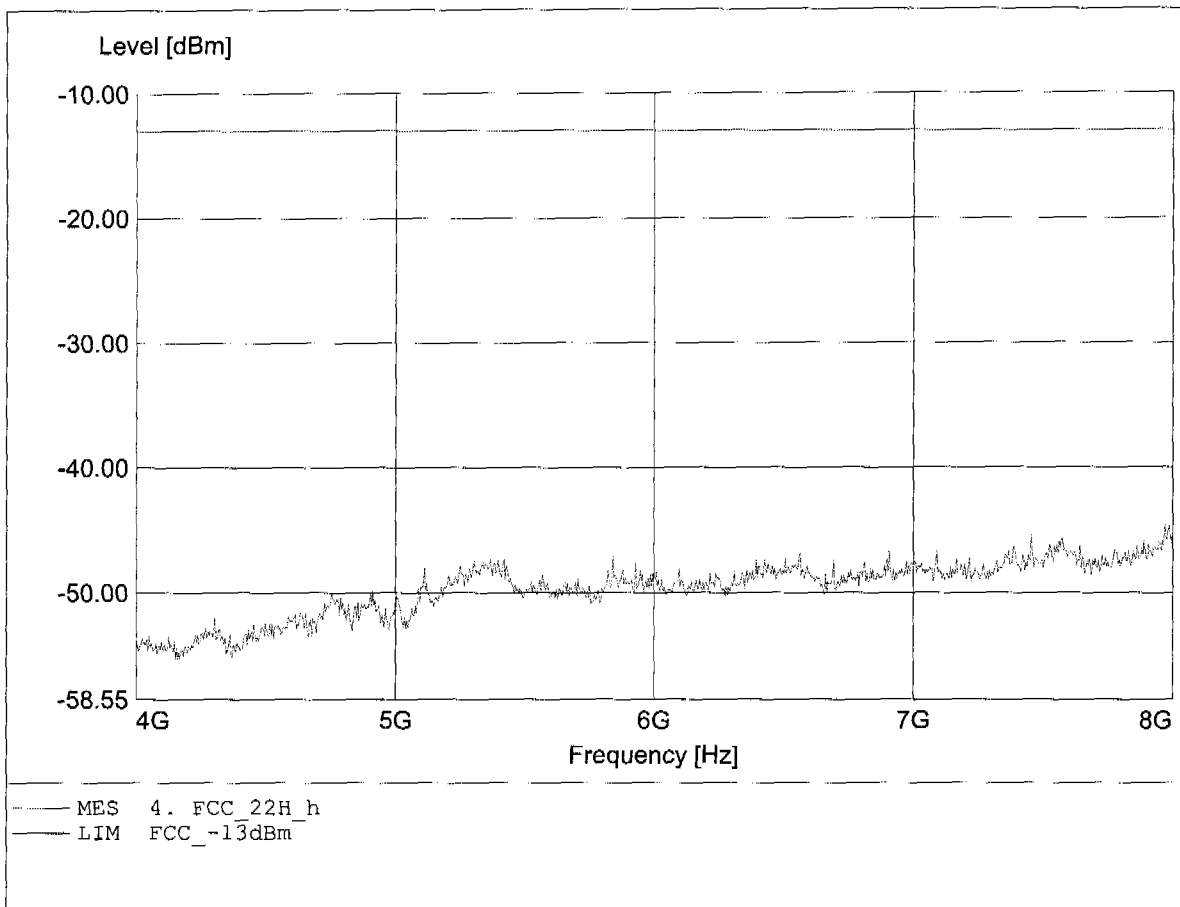
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.973GHz, Pmax: -44.90dBm, RBW: 1MHz



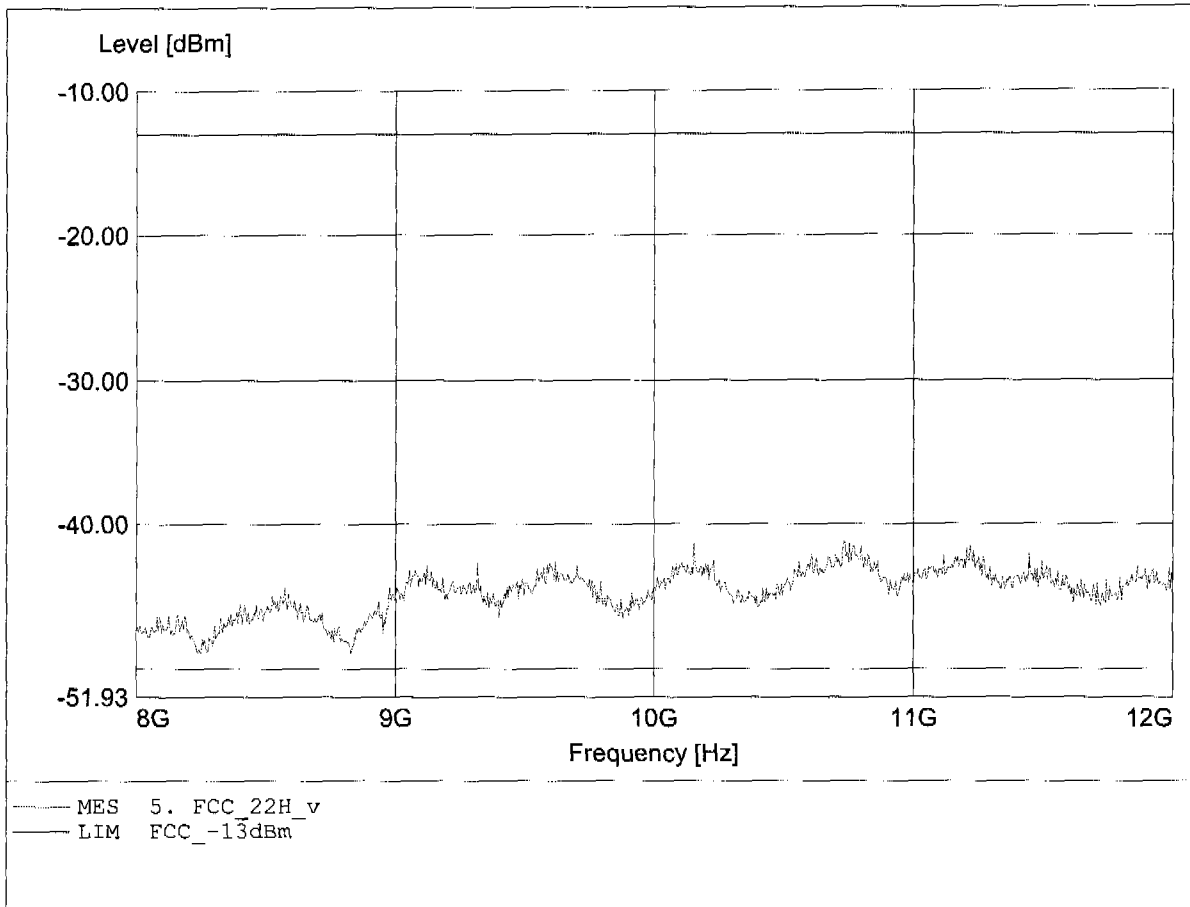
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.969GHz, Pmax: -44.58dBm, RBW: 1MHz



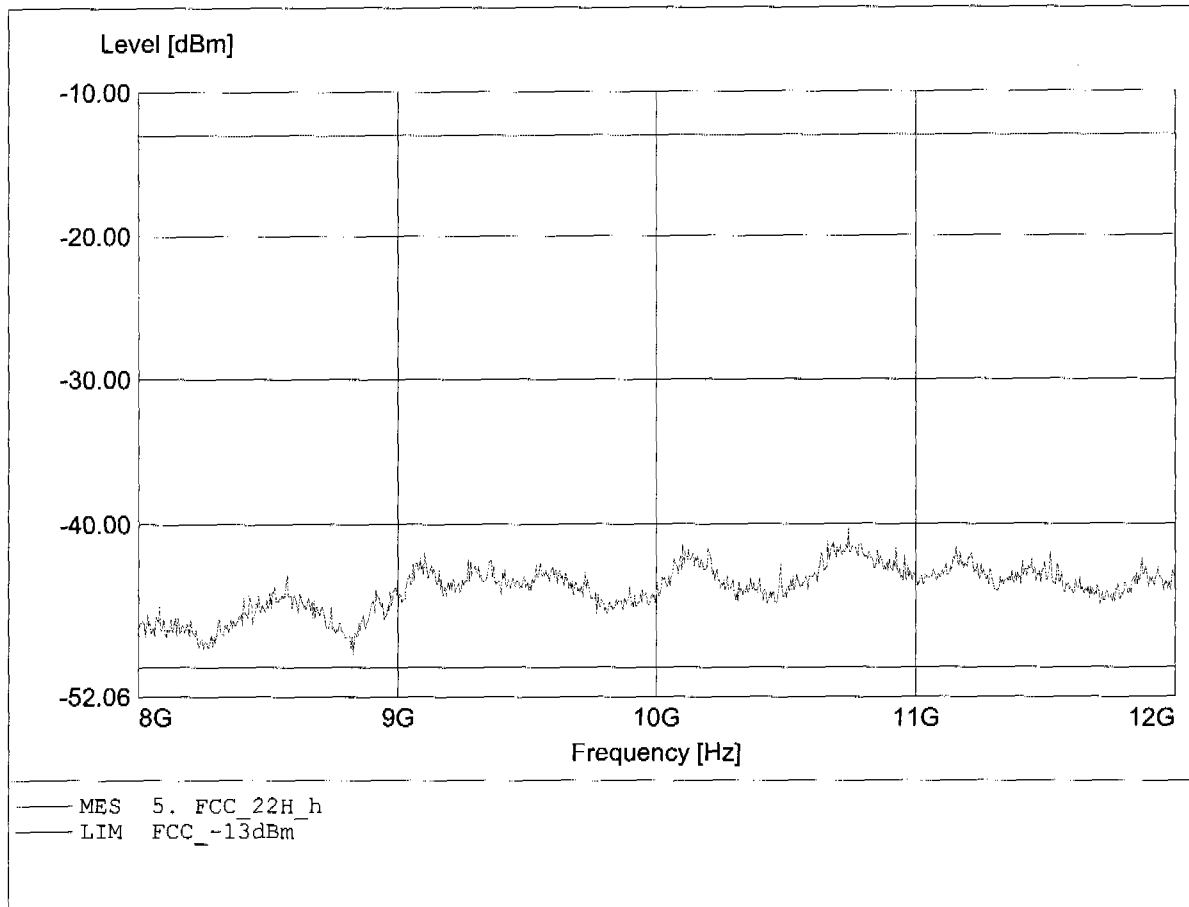
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.733GHz, Pmax: -41.23dBm, RBW: 1MHz



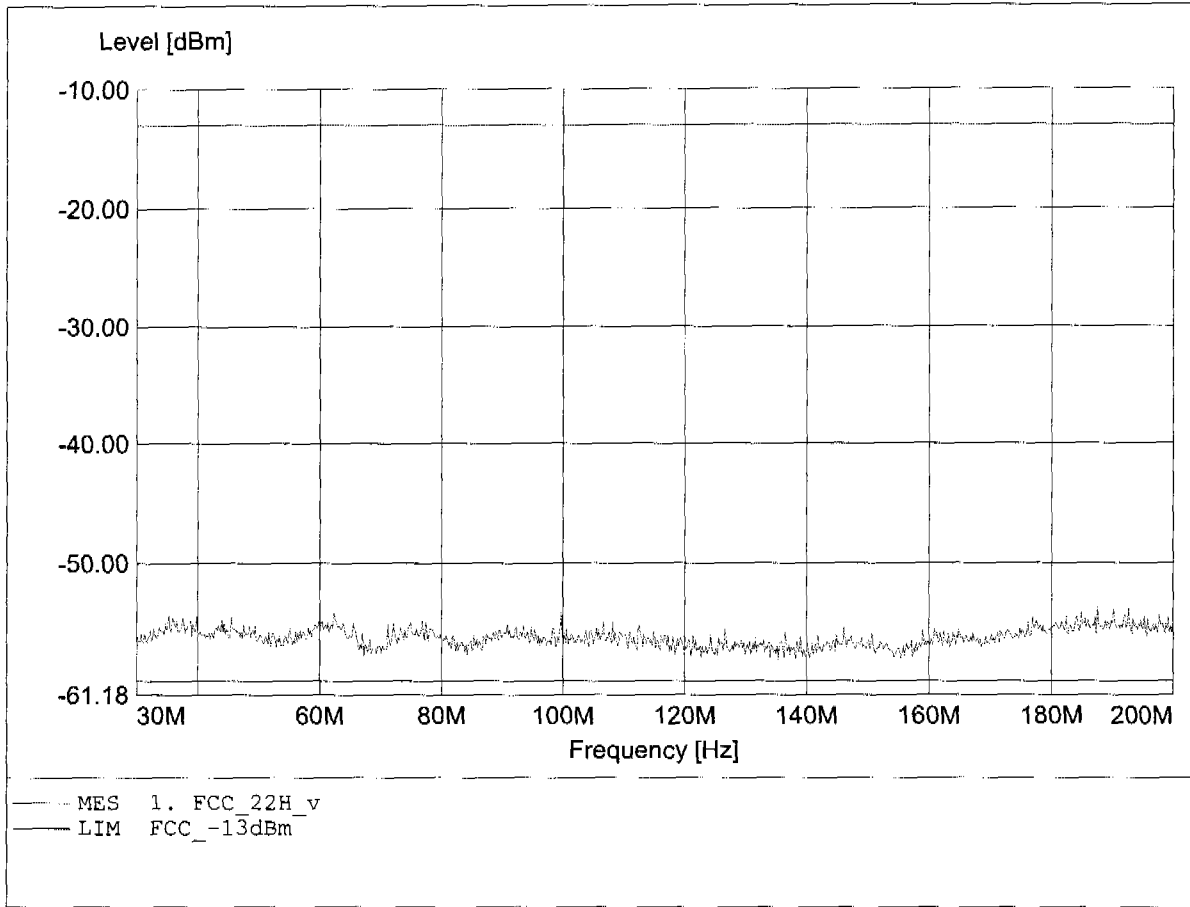
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.742GHz, Pmax: -40.29dBm, RBW: 1MHz



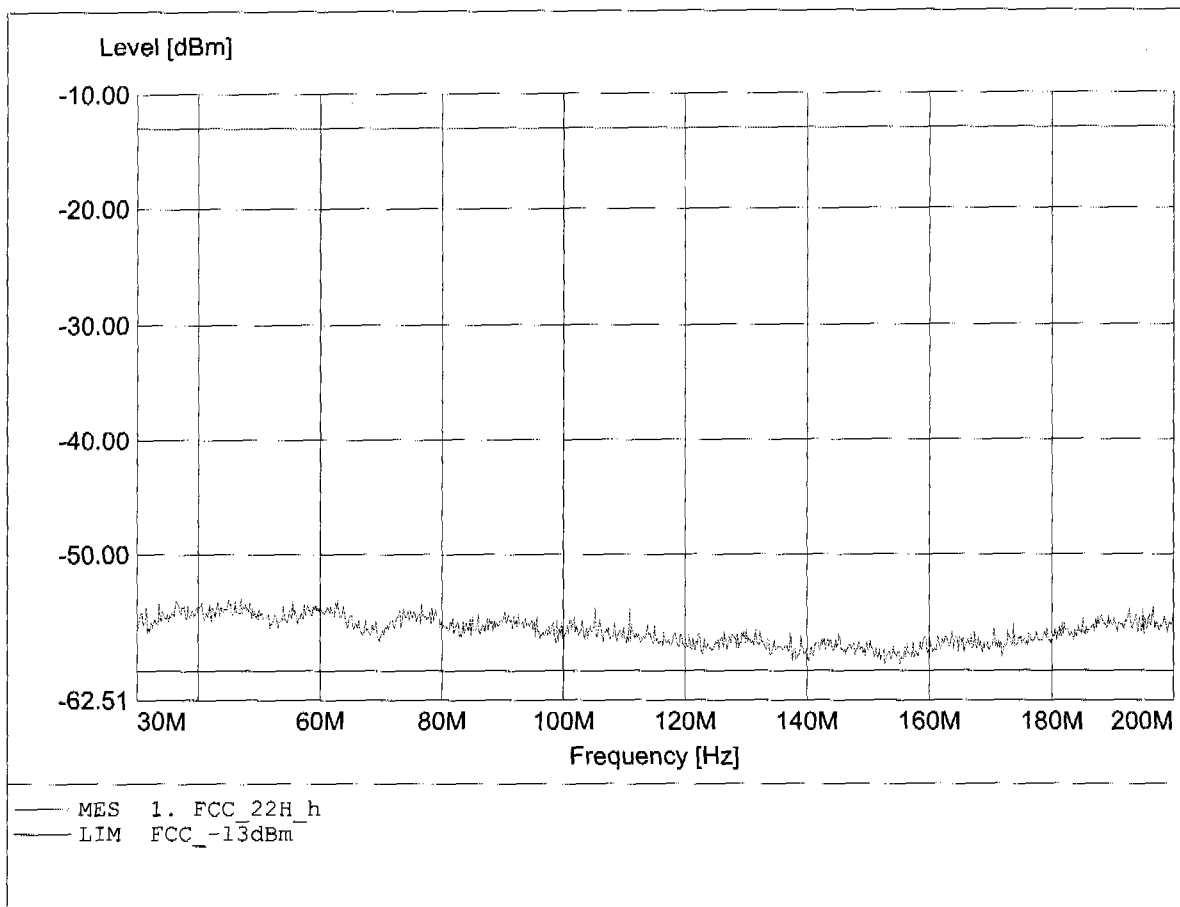
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 187.533MHz, Pmax: -53.76dBm, RBW: 1MHz



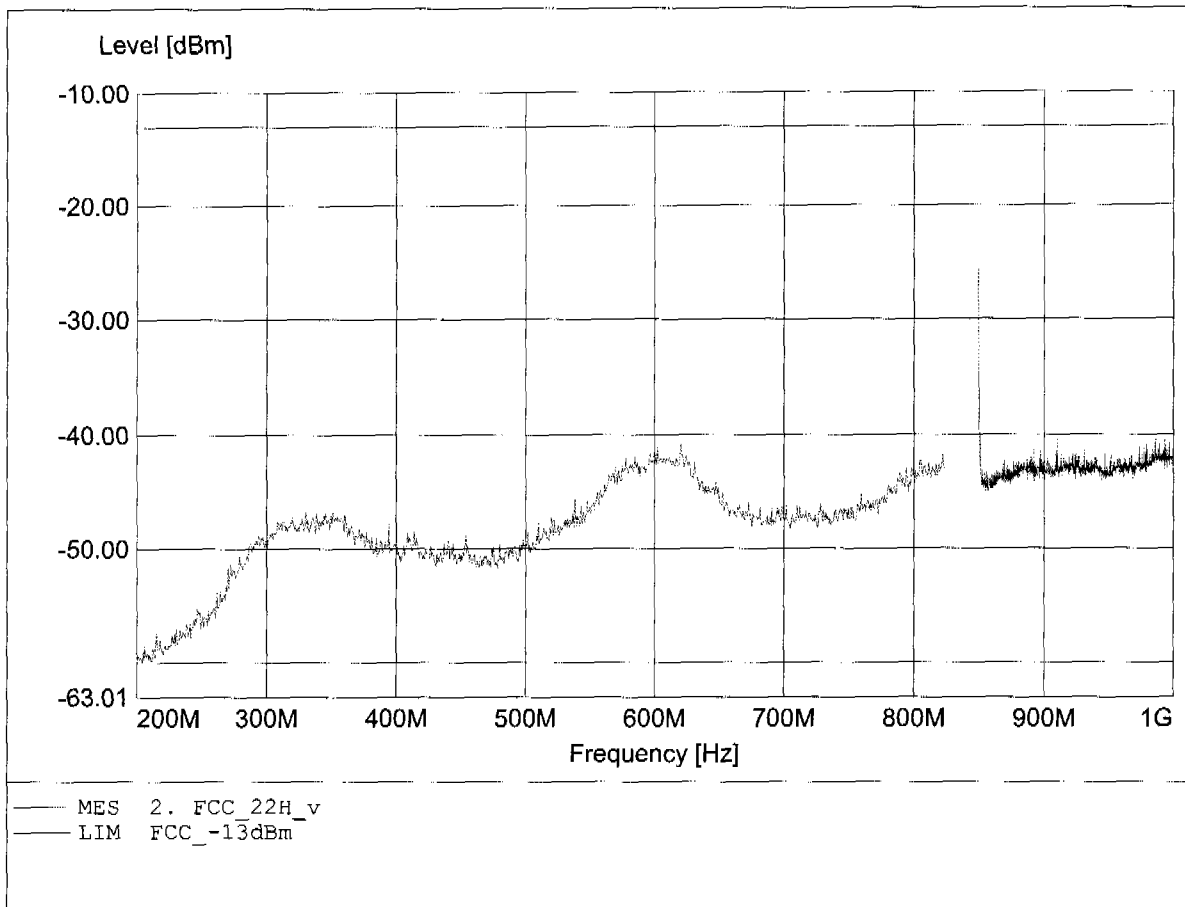
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 47.000MHz, Pmax: -53.76dBm, RBW: 1MHz



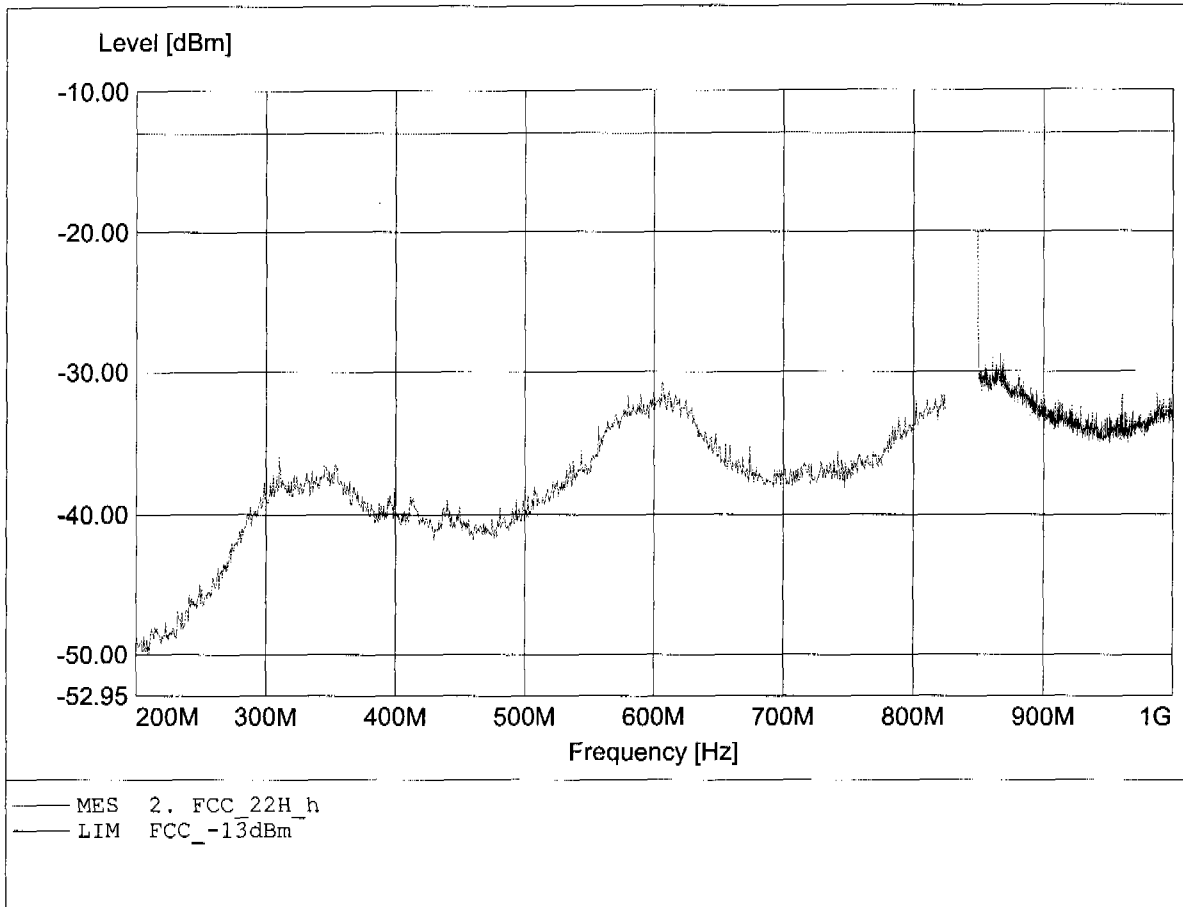
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.168MHz, Pmax: -25.61dBm, RBW: 1MHz



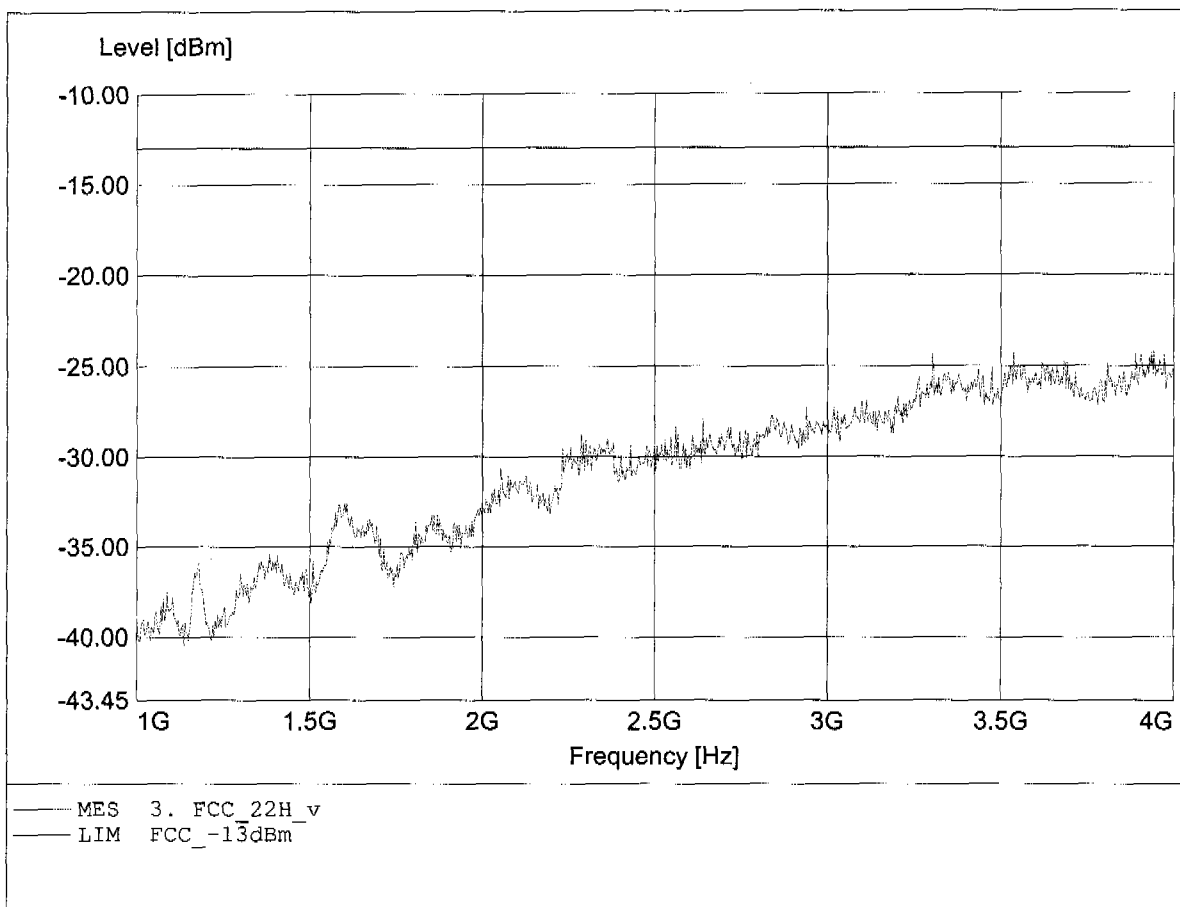
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0VDC external
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.000MHz, Pmax: -19.66dBm, RBW: 1MHz



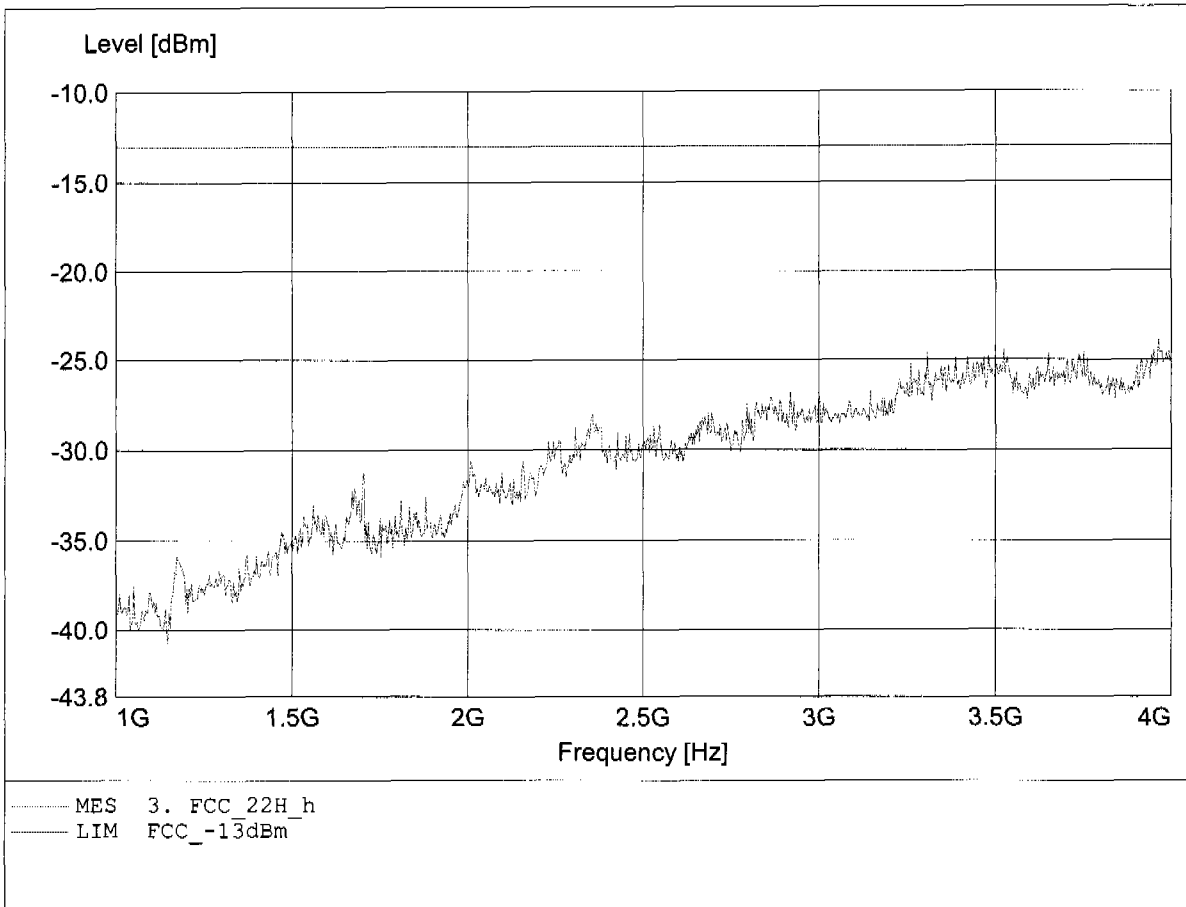
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.943GHz, Pmax: -24.16dBm, RBW: 1MHz



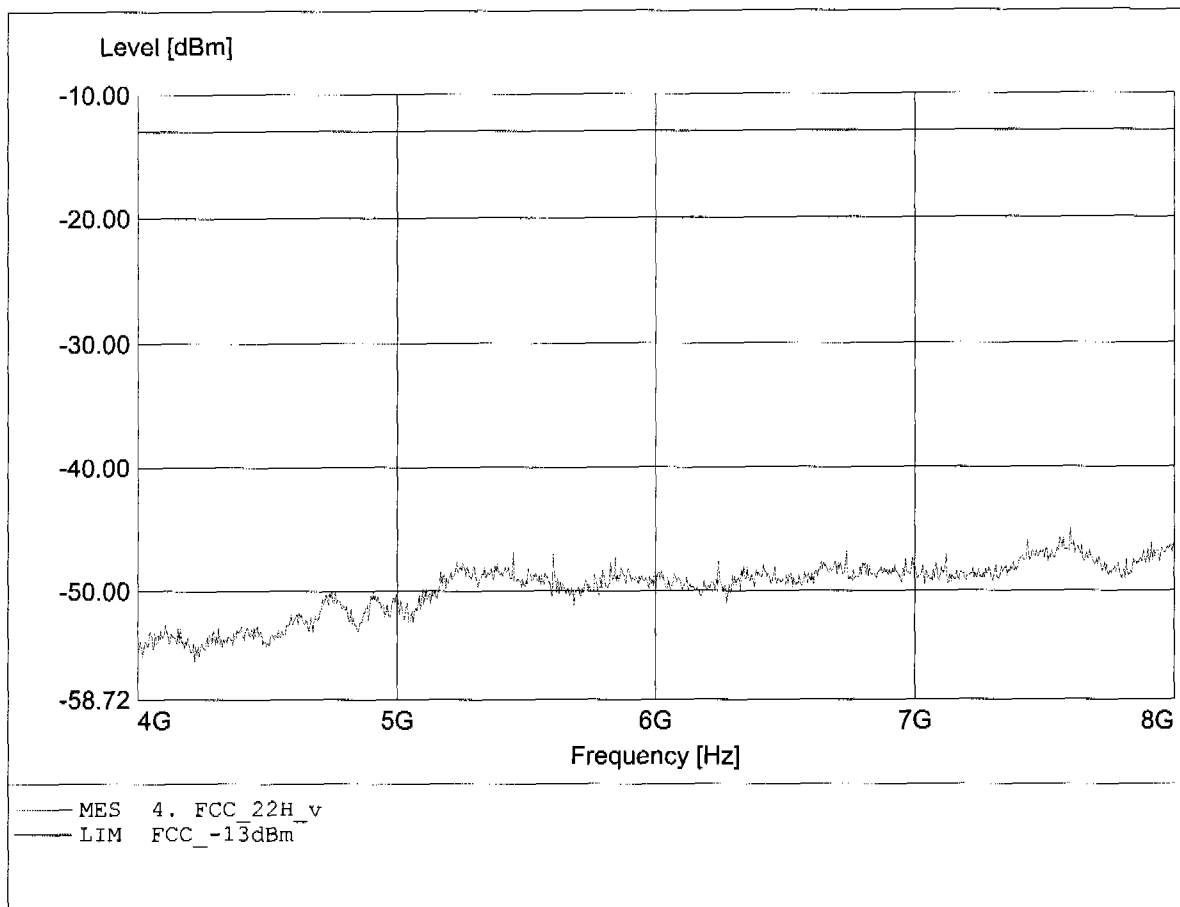
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.963GHz, Pmax: -23.90dBm, RBW: 1MHz



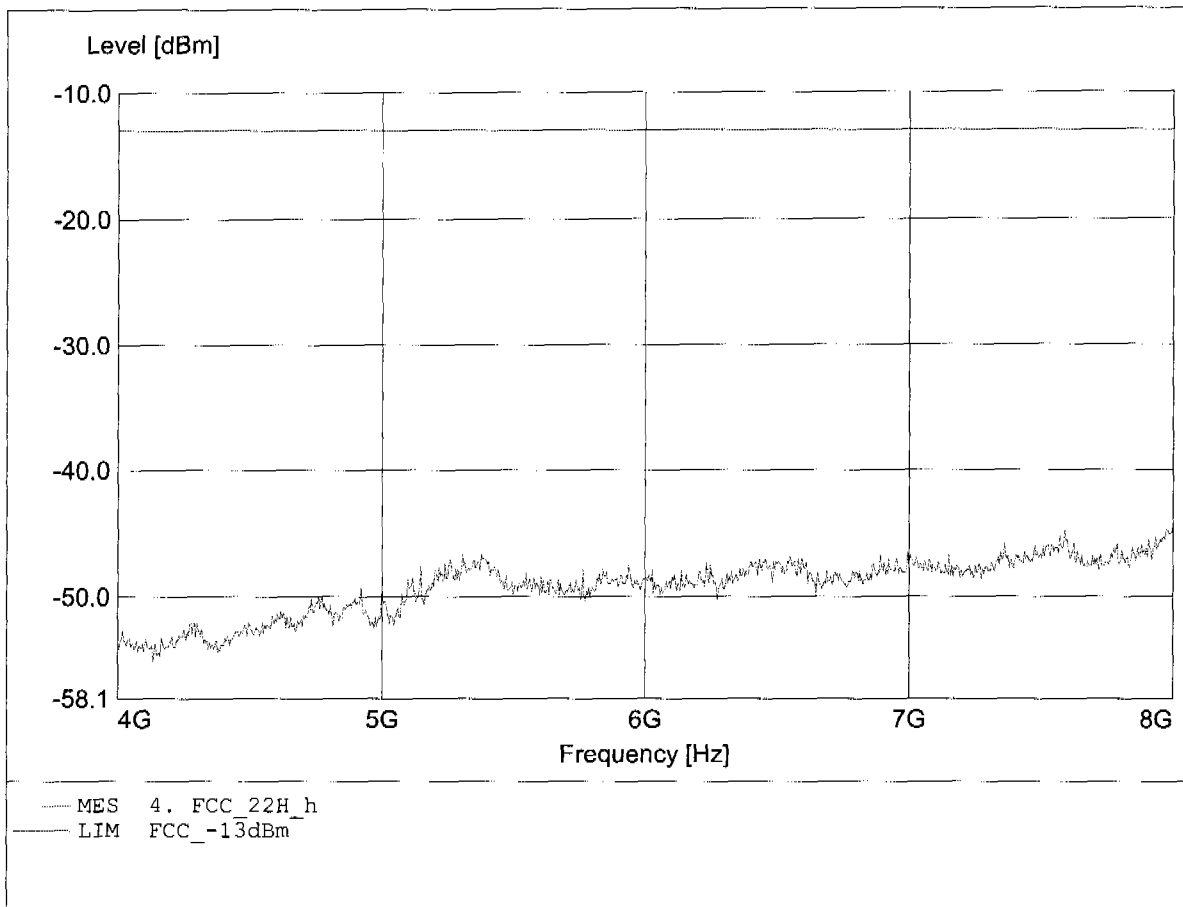
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.596GHz, Pmax: -45.02dBm, RBW: 1MHz



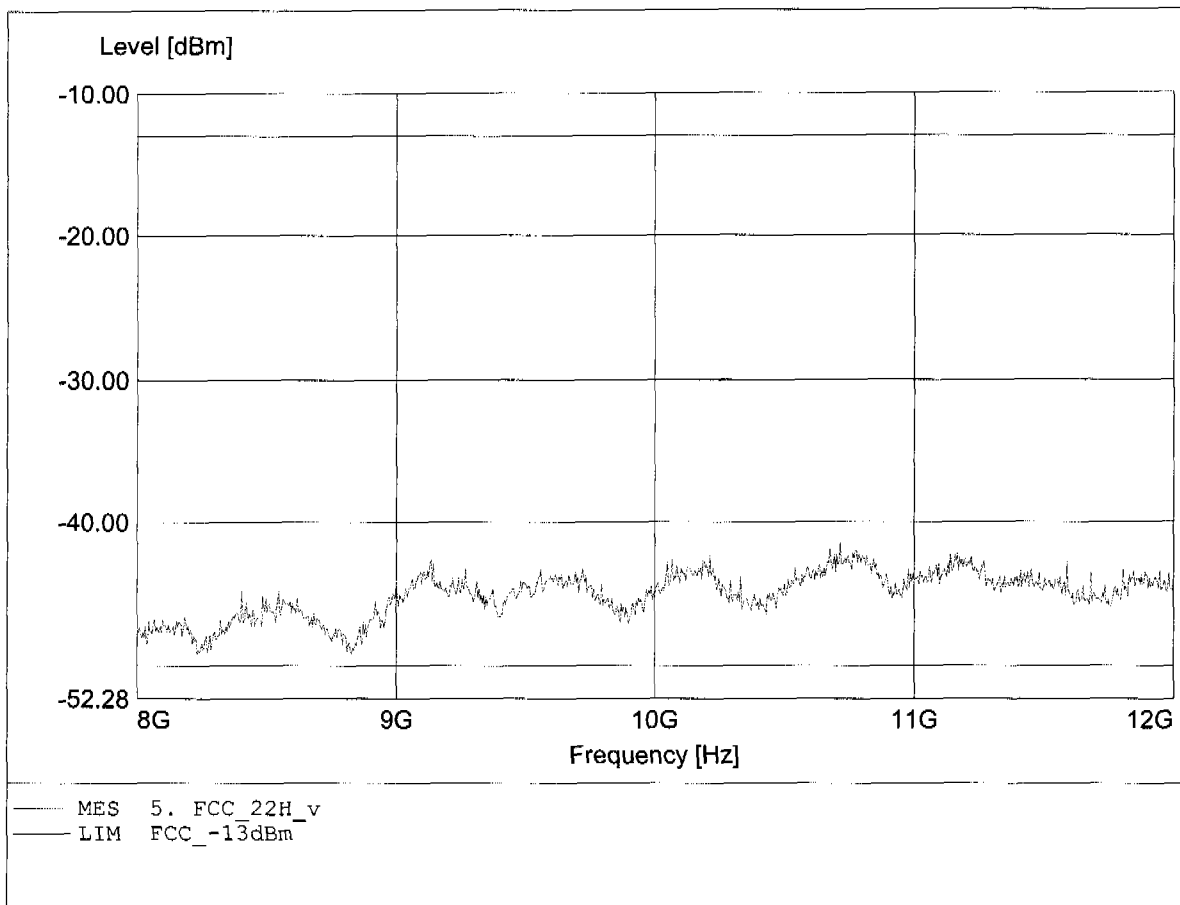
**Radiated Emissions Tx
FCC RULES PART 22 SUBPART H**

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 8.000GHz, Pmax: -44.04dBm, RBW: 1MHz



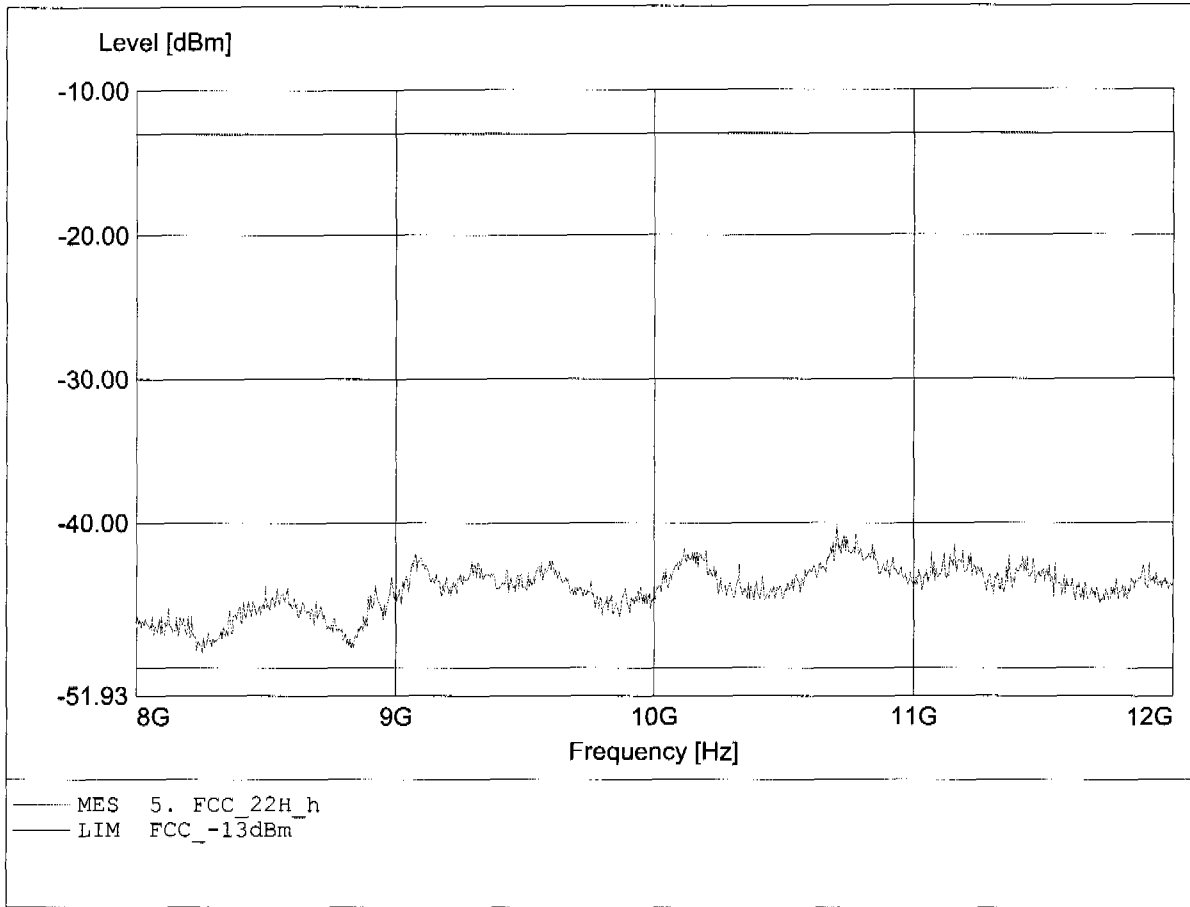
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.716GHz, Pmax: -41.49dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT // Model: GSM/GPRS 850/1900 // CrossCheck with GPS
Approval Holder: Trimble Navigation Limited
Channel: 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom: 12.0 VDC external
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.707GHz, Pmax: -40.16dBm, RBW: 1MHz





Appendix K

Line Conducted Emissions



Appendix L

Frequency Stability vs. Temperature

No diagrams
Refer to point 14.2



Appendix M

Frequency Stability vs. Voltage

No diagrams
Refer to point 15.2