

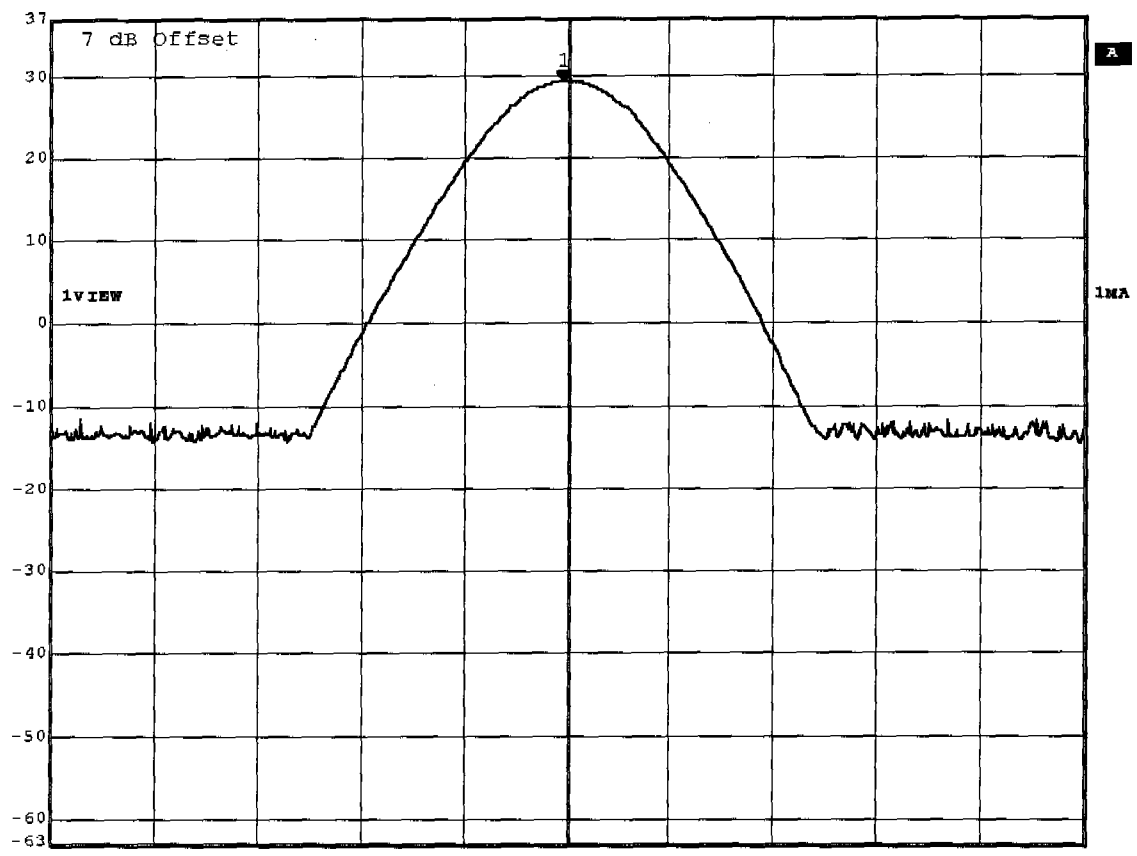


Appendix B

RF Power Output



Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	60 dB
37 dBm	29.21 dBm	VBW	3 MHz		
	1.85010982 GHz	SWT	5 ms	Unit	dBm

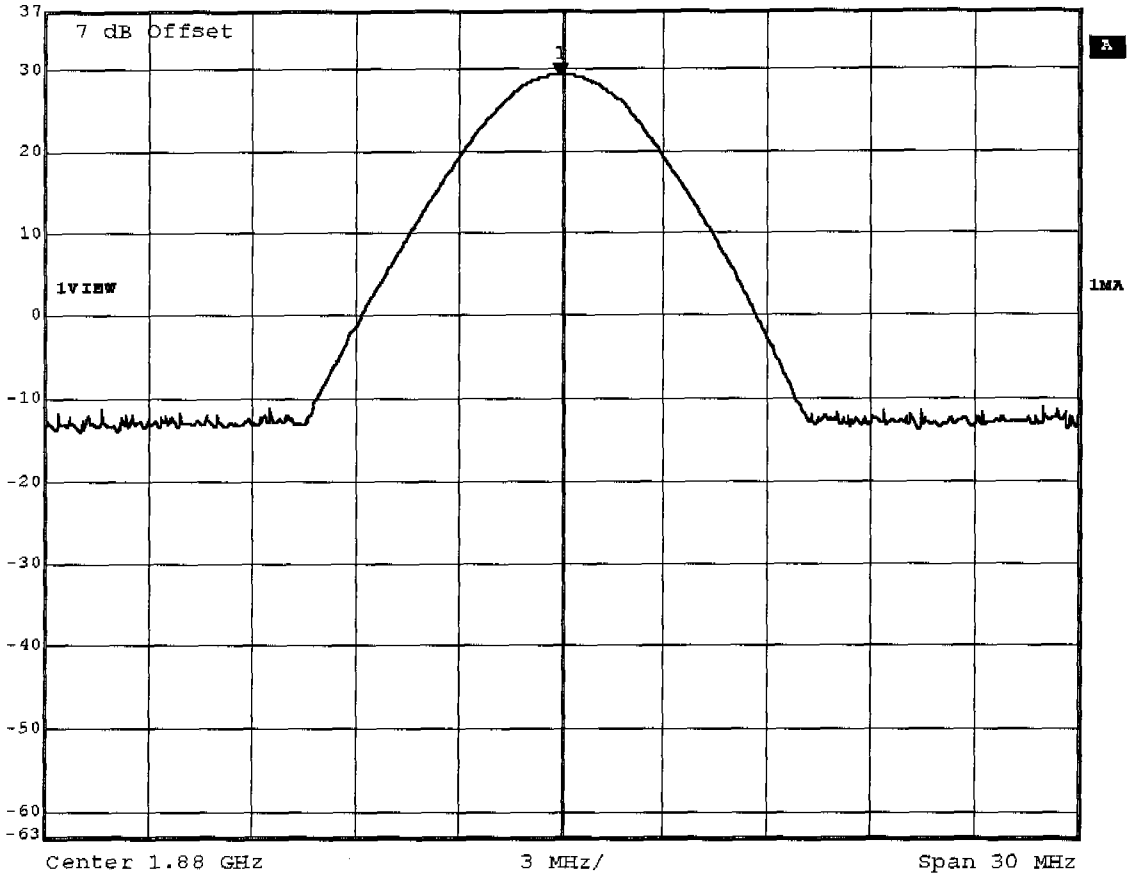


Center 1.8502 GHz 3 MHz/ Span 30 MHz

Title: Output Power Conducted Channel 512
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 12:30:47



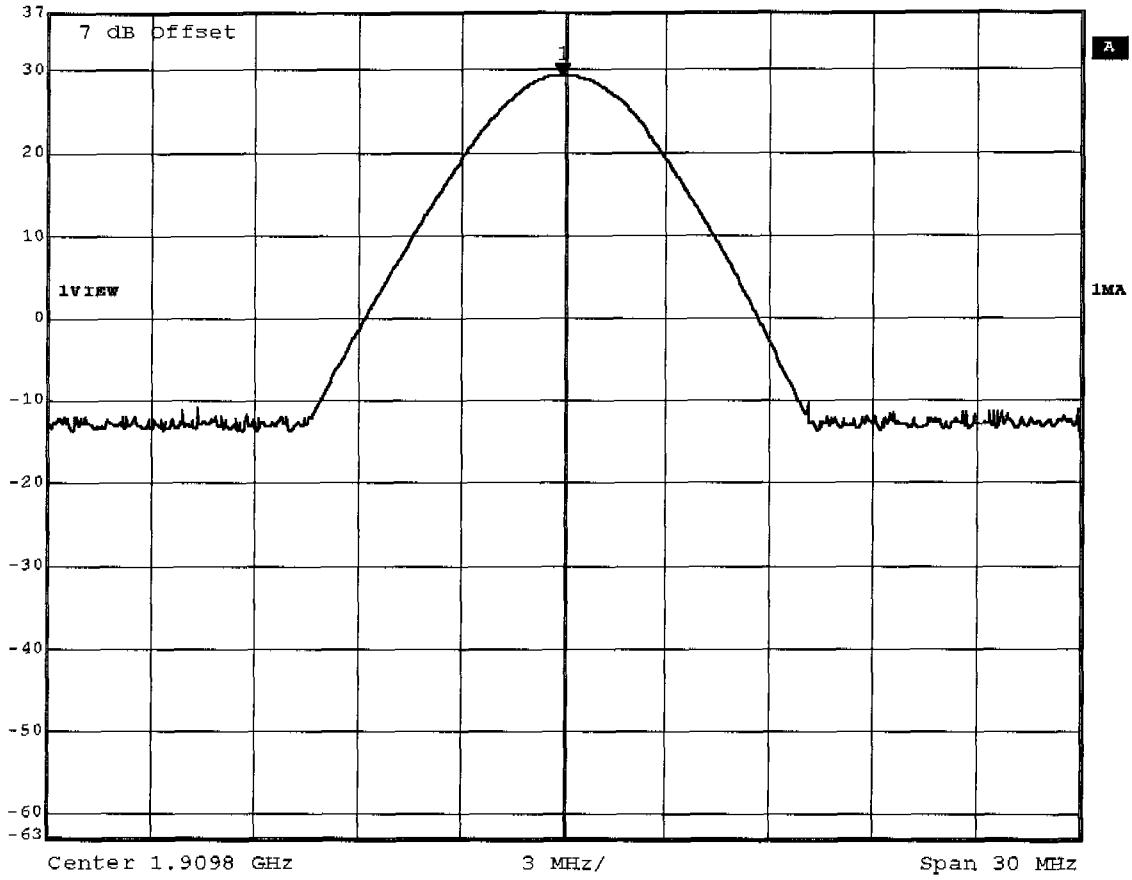
Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	60 dB
37 dBm	29.21 dBm	VBW	3 MHz		
	1.87996994 GHz	SWT	5 ms	Unit	dBm



Title: Output Power Conducted Channel 661
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 12:31:46



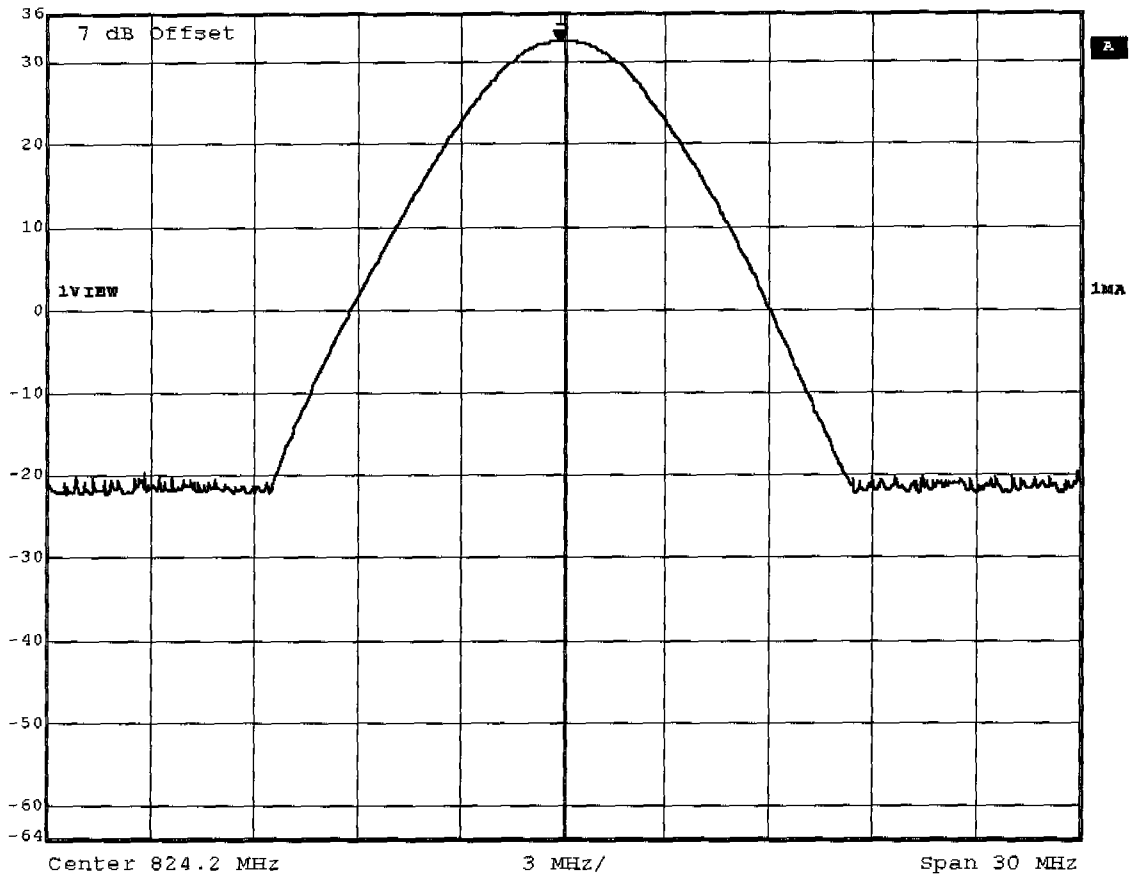
Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	60 dB
37 dBm	29.15 dBm	VBW	3 MHz		
	1.90976994 GHz	SWT	5 ms	Unit	dBm



Title: Output Power Conducted Channel 810
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 12:37:36



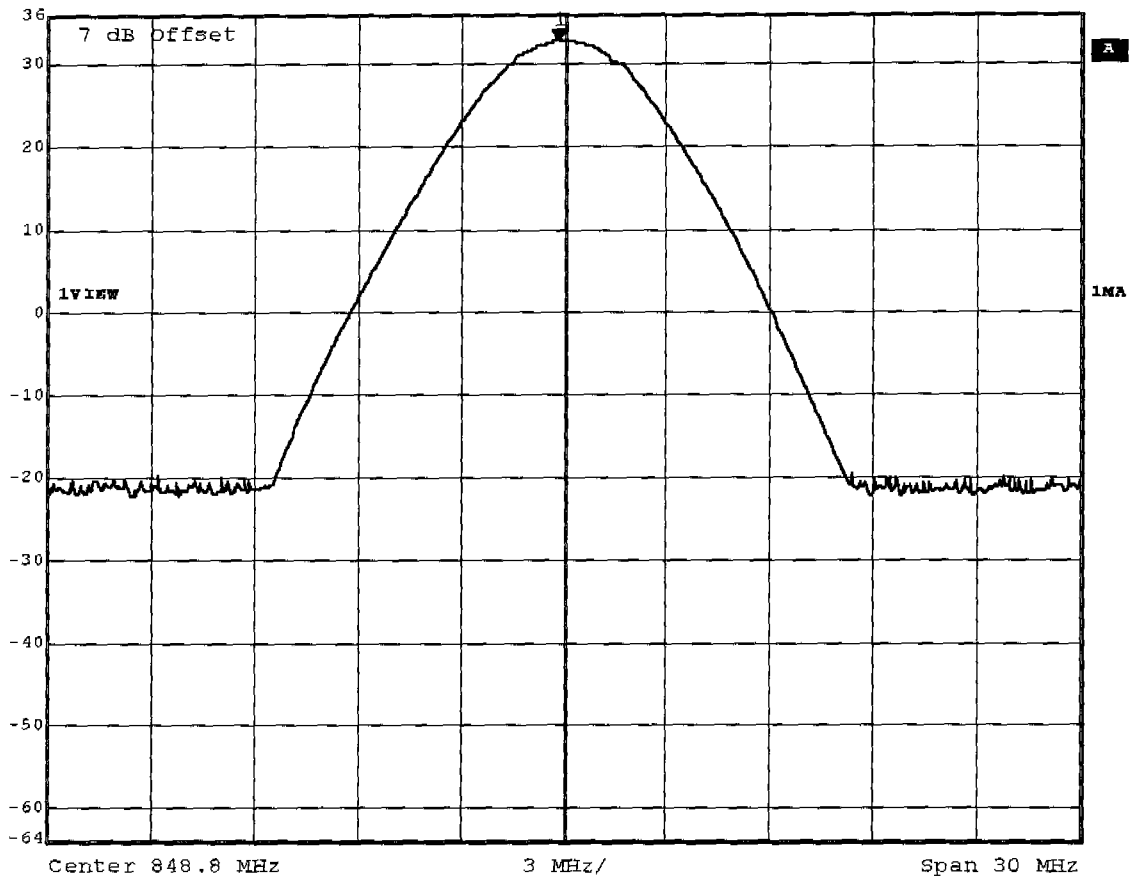
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.40 dBm VBW 3 MHz
36 dBm 824.10981964 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 128
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:24:51



Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.59 dBm VBW 3 MHz
36 dBm 848.64969940 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 251
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:26:55



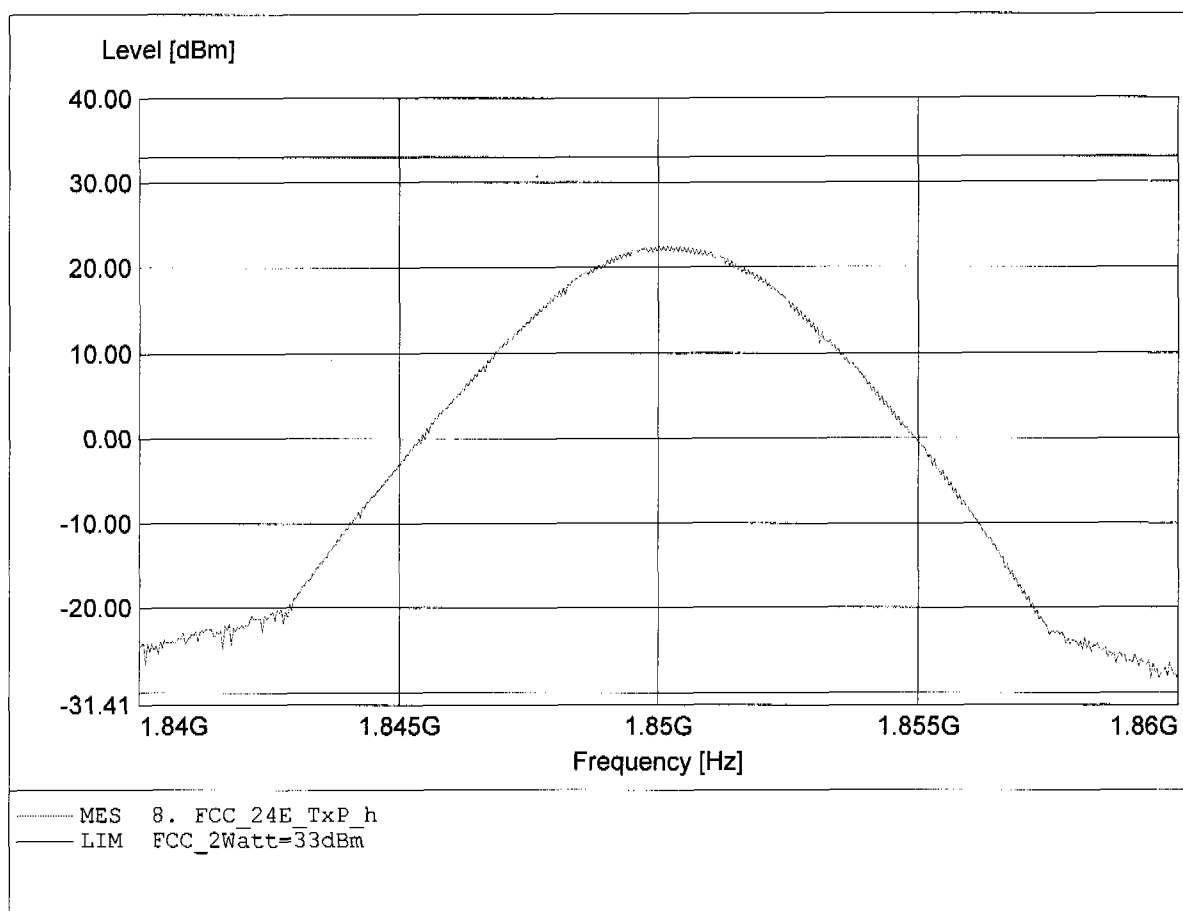
Appendix C

ERP, EIRP

Equivalent Isotropically Radiated Power

FCC RULES PART 24 SUBPART E

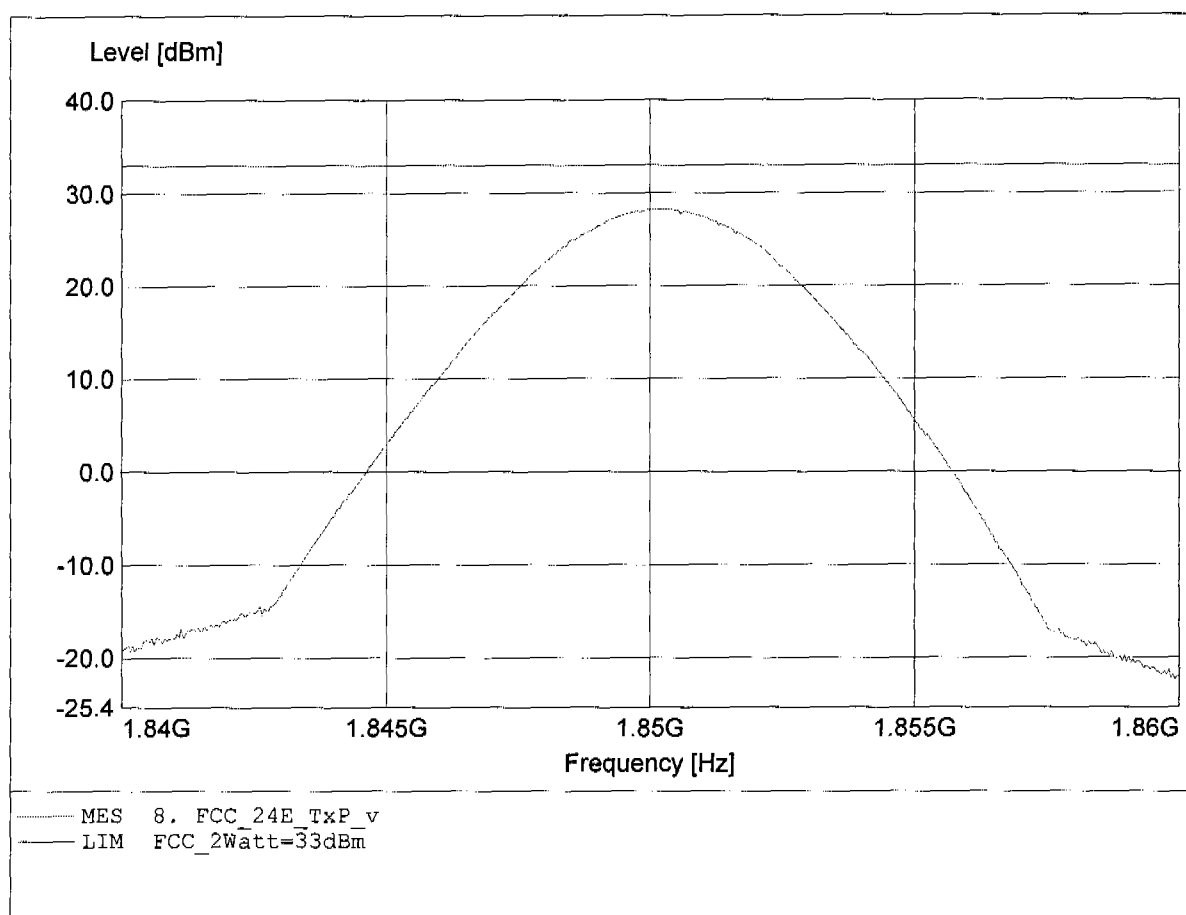
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 22.44dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power

FCC RULES PART 24 SUBPART E

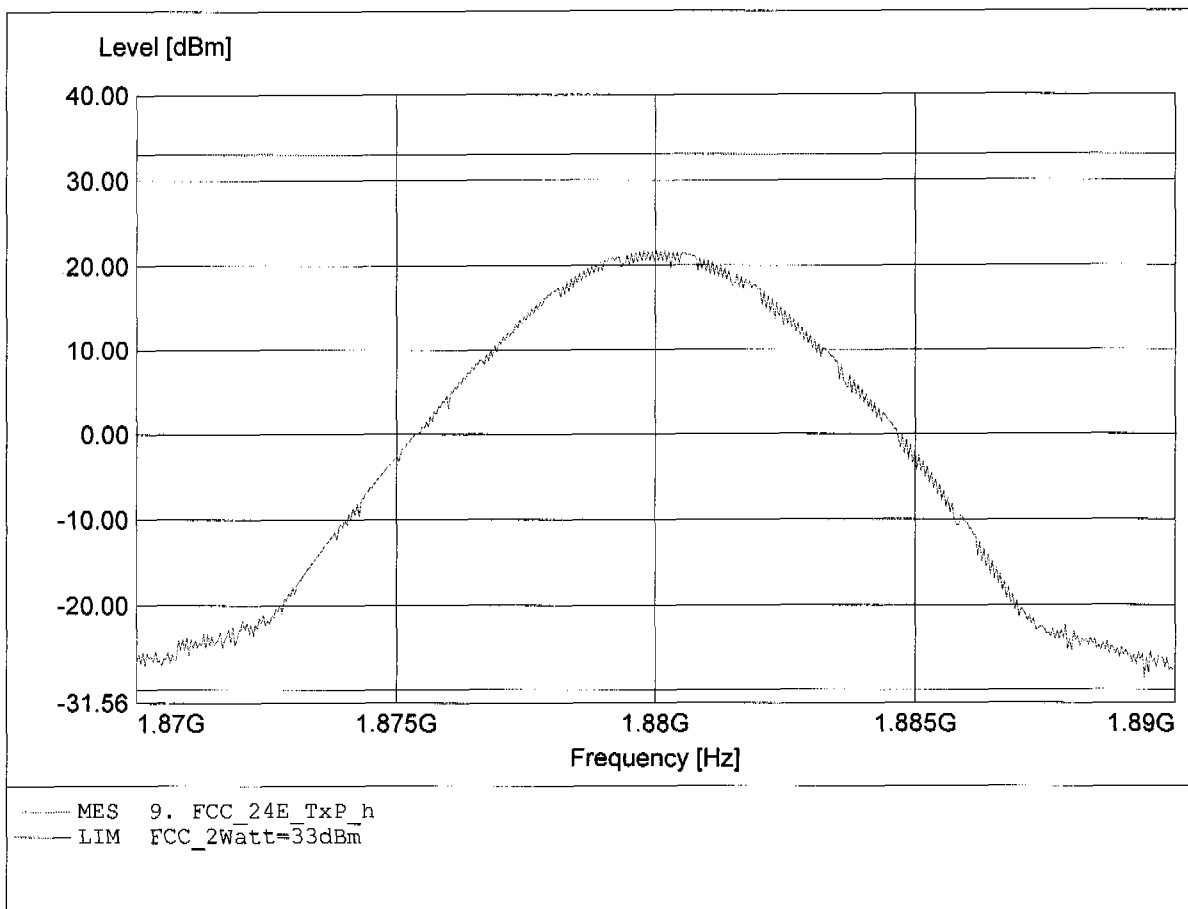
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 28.30dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power

FCC RULES PART 24 SUBPART E

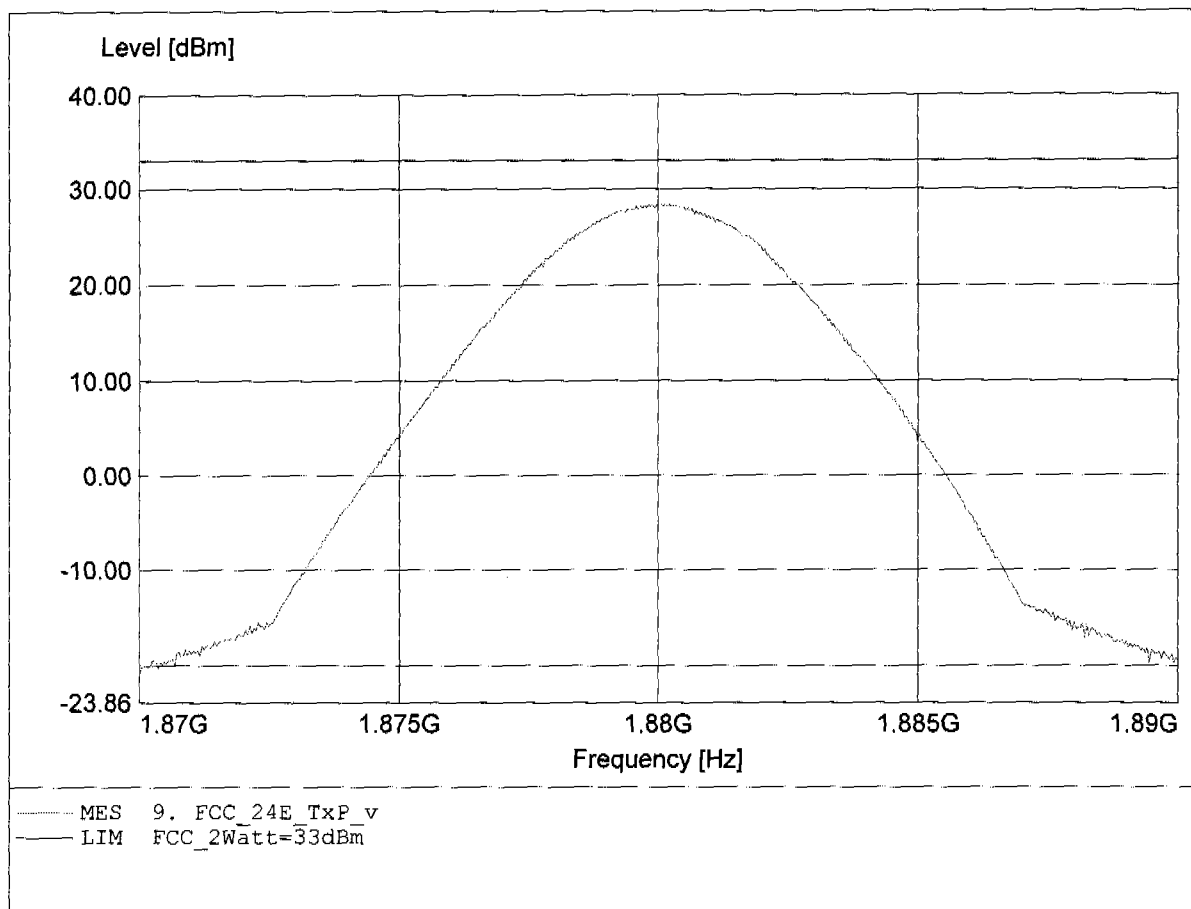
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 21.73dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power

FCC RULES PART 24 SUBPART E

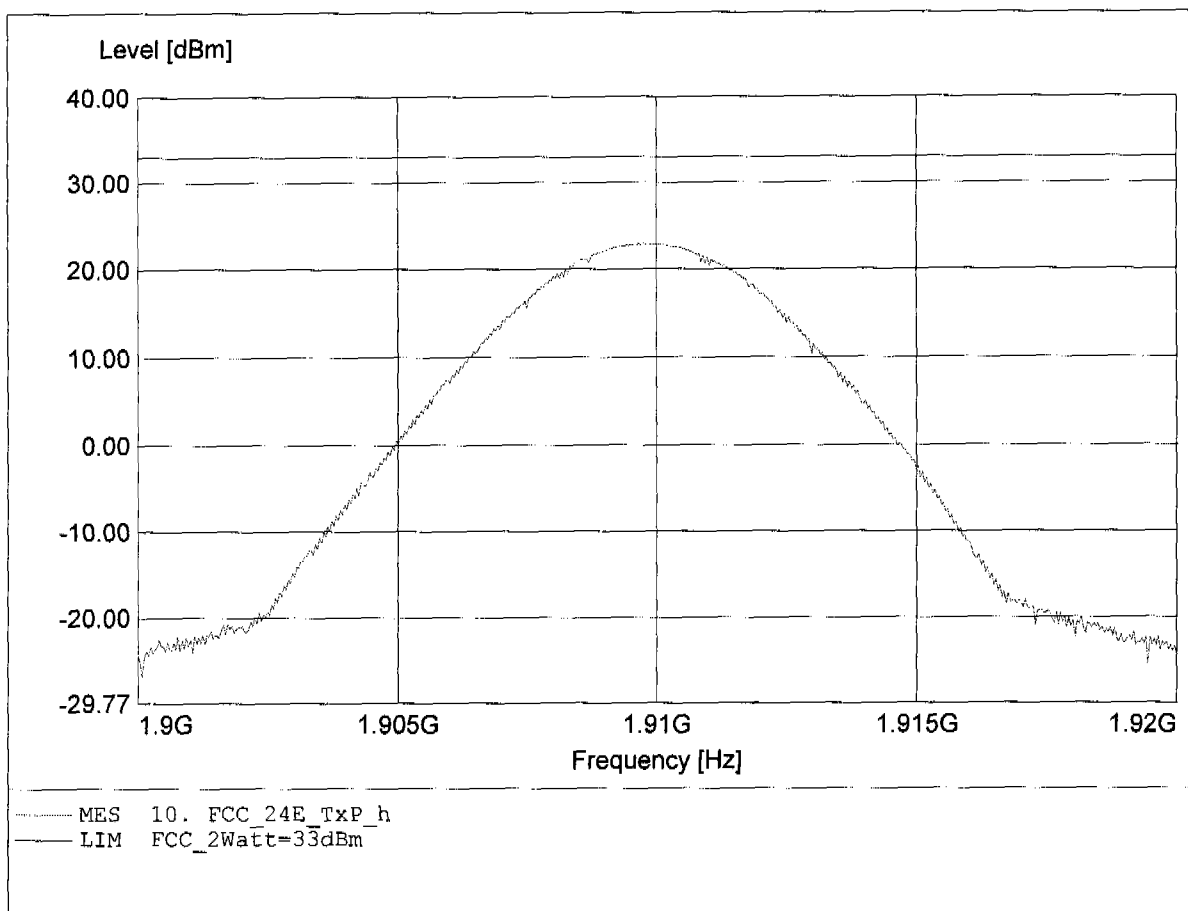
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Fmax: 28.31dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power

FCC RULES PART 24 SUBPART E

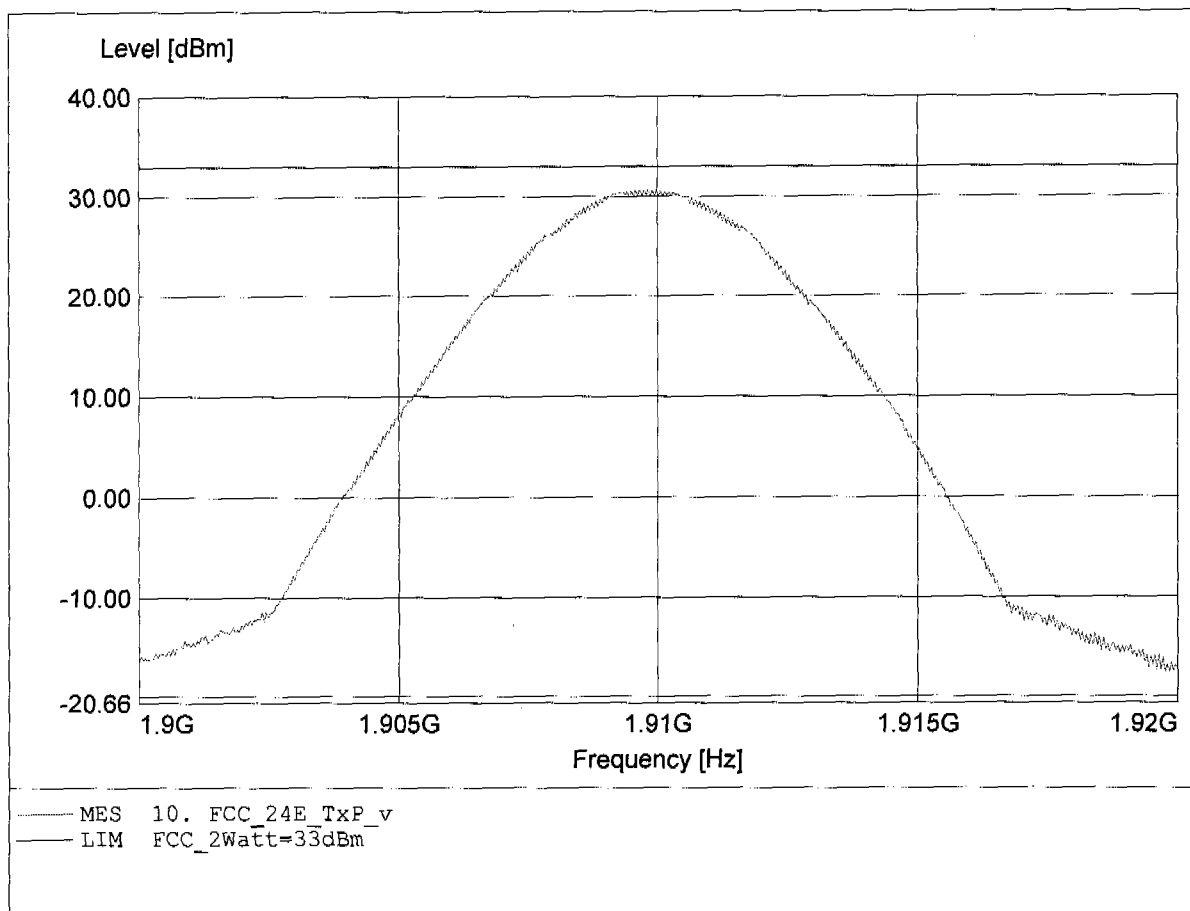
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 22.90dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power

FCC RULES PART 24 SUBPART E

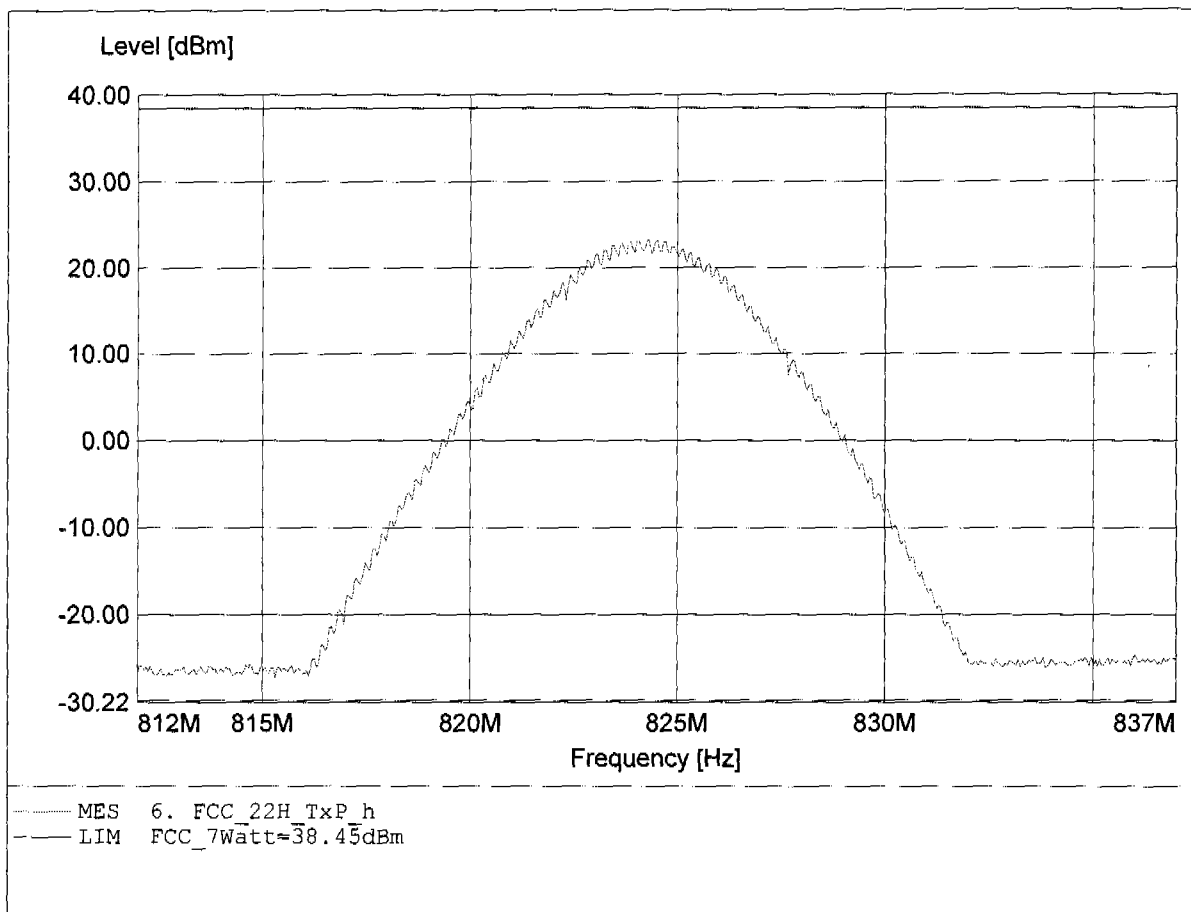
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 30.63dBm, RBW: 3MHz



Effective Radiated Power

FCC RULES PART 22 SUBPART H

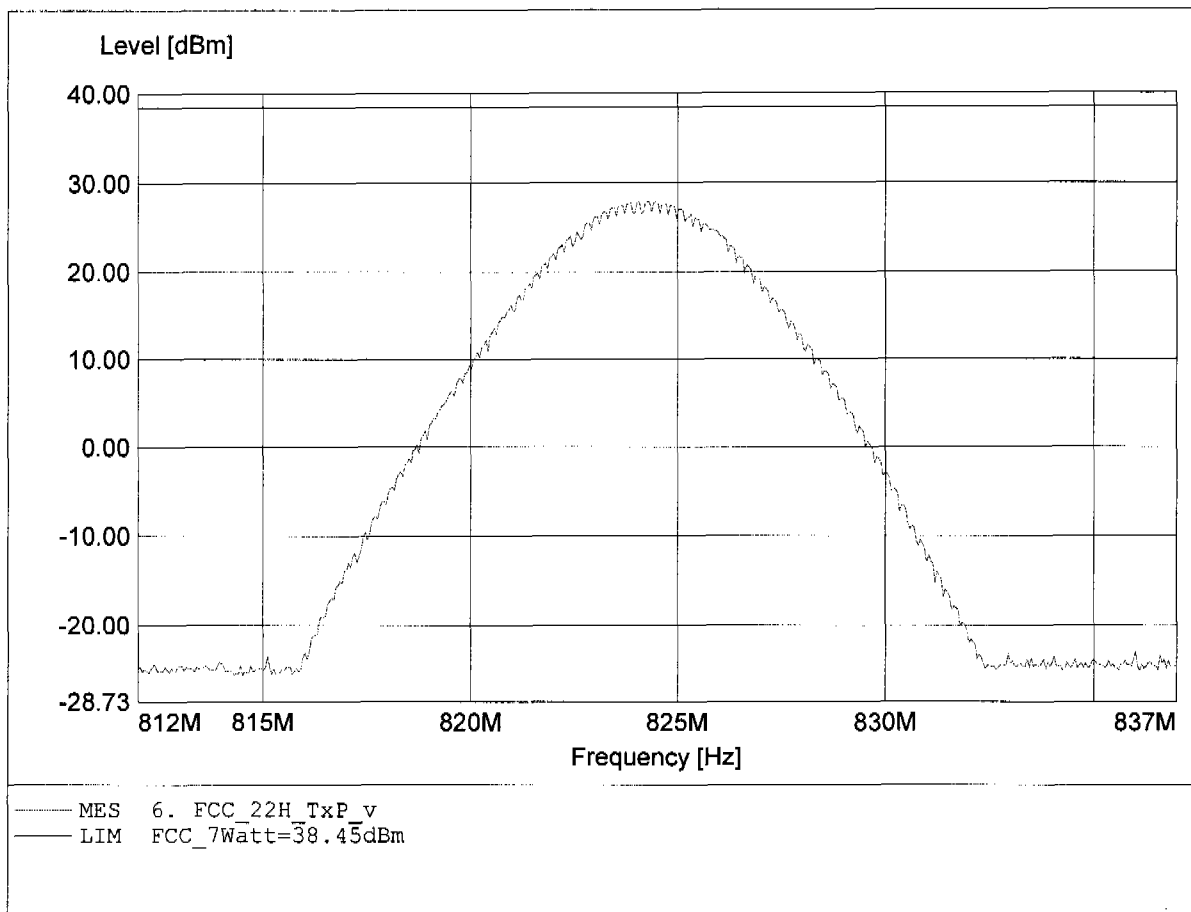
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.275MHz, Pmax: 23.17dBm, RBW: 3MHz



Effective Radiated Power

FCC RULES PART 22 SUBPART H

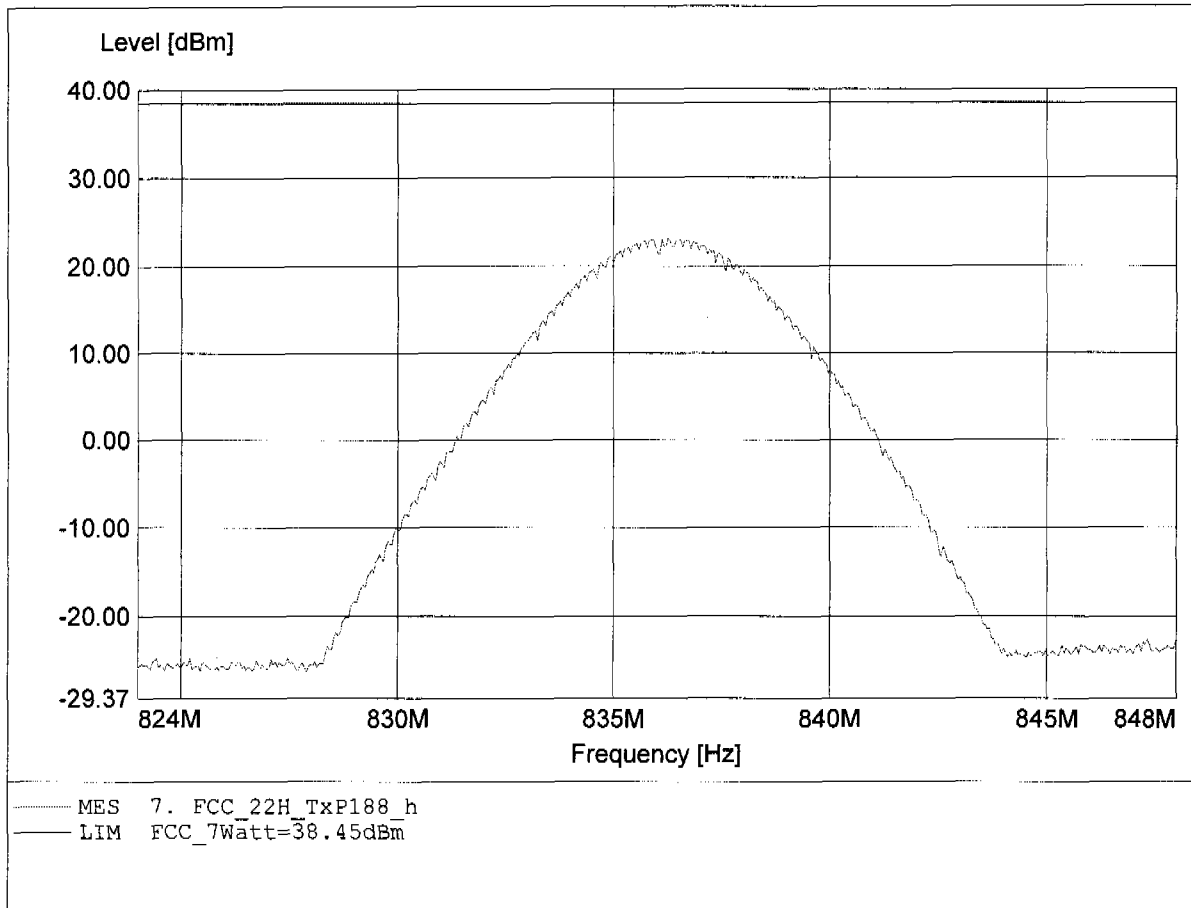
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.275MHz, Pmax: 27.90dBm, RBW: 3MHz



Effective Radiated Power

FCC RULES PART 22 SUBPART H

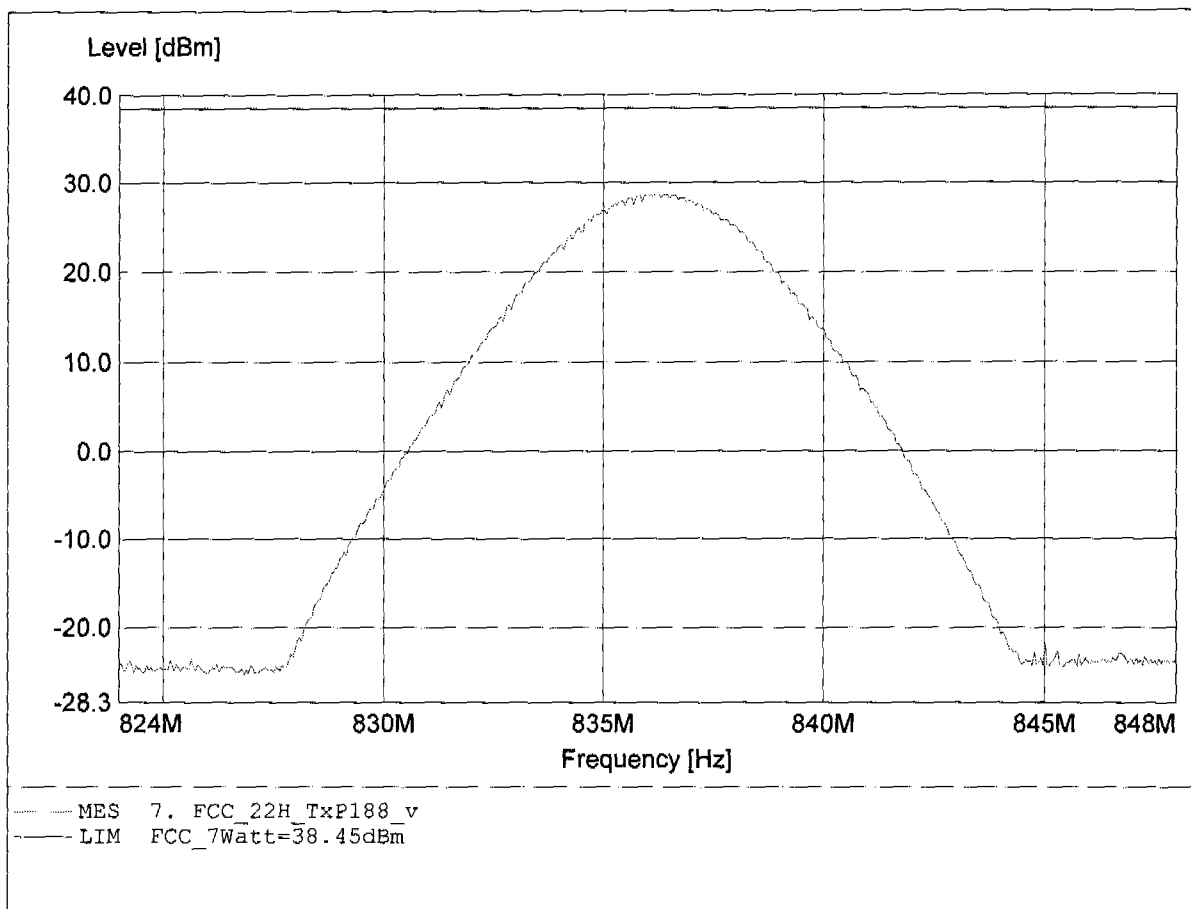
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.265MHz, Pmax: 23.11dBm, RBW: 3MHz



Effective Radiated Power

FCC RULES PART 22 SUBPART H

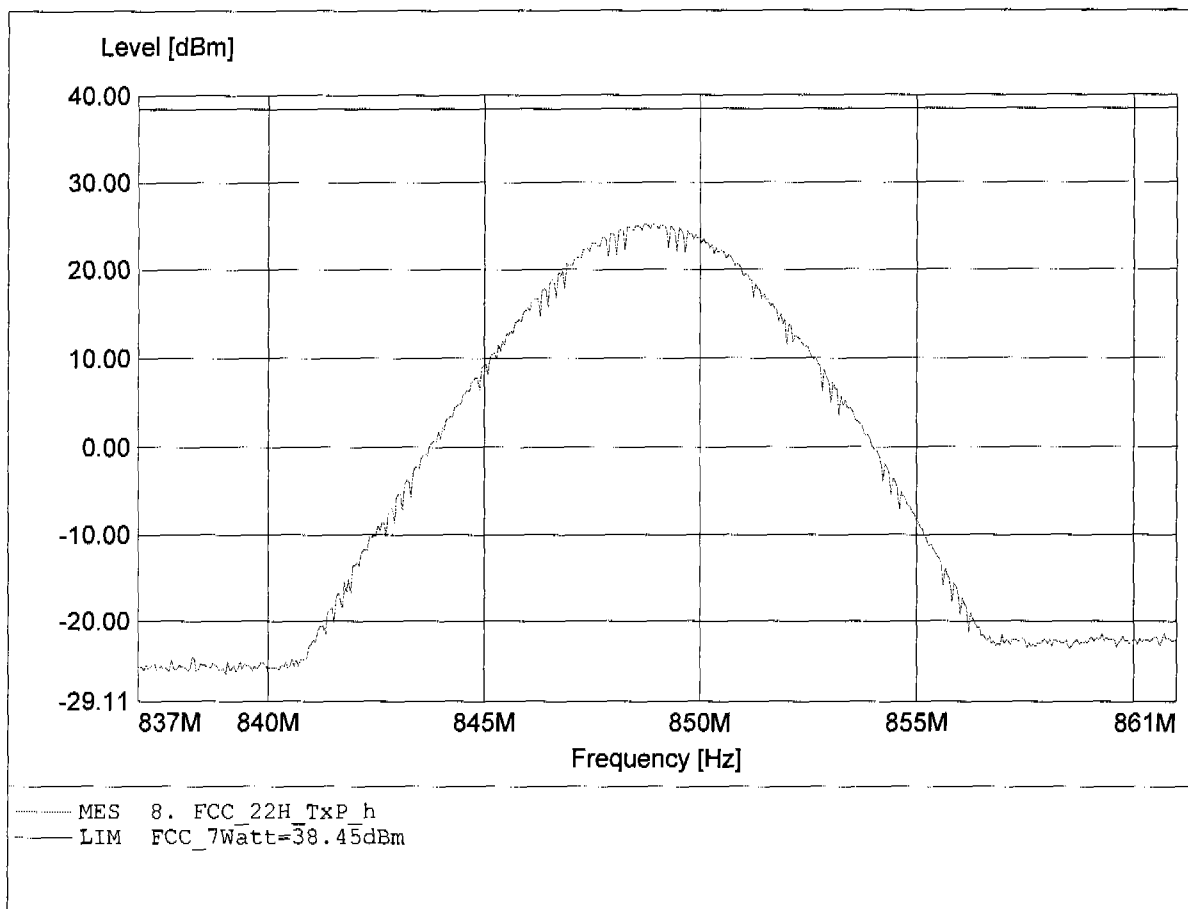
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.216MHz, Pmax: 28.69dBm, RBW: 3MHz



Effective Radiated Power

FCC RULES PART 22 SUBPART H

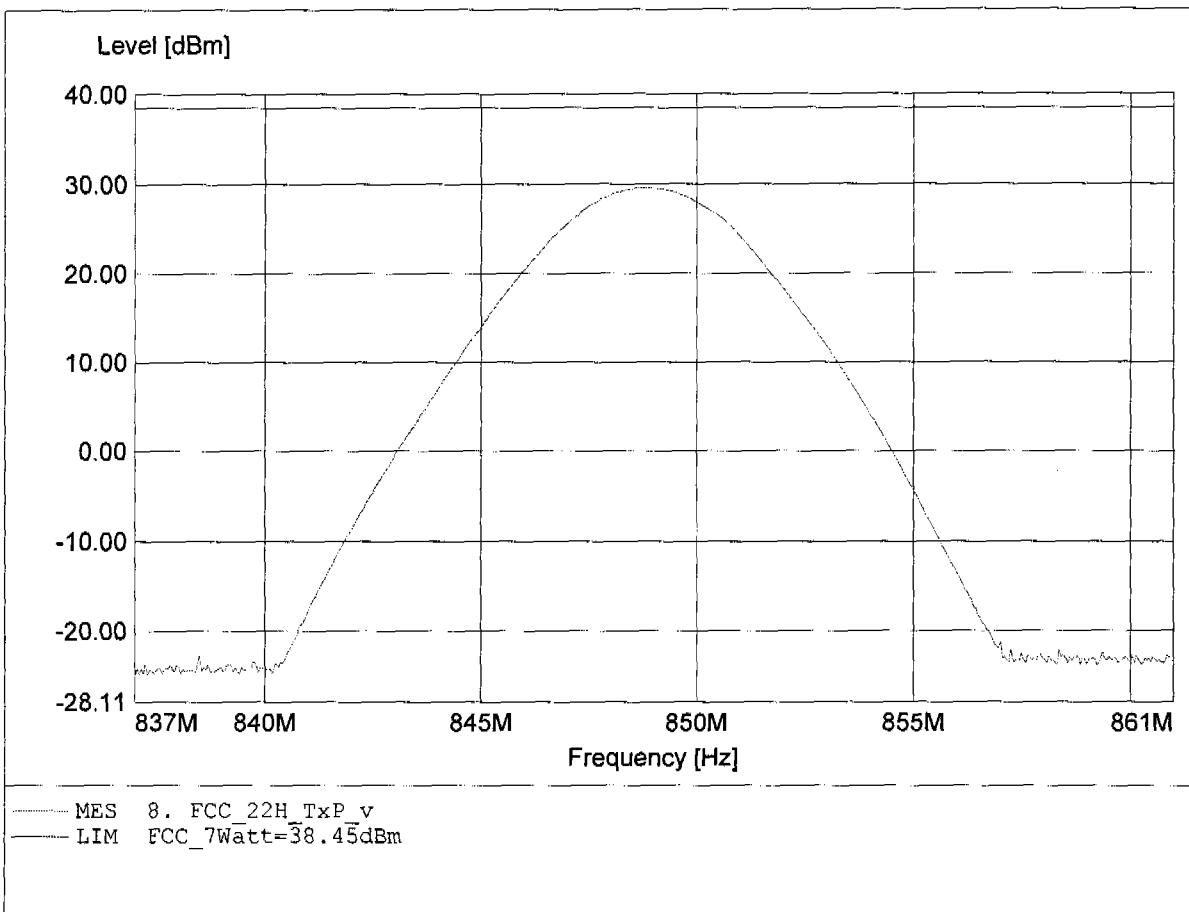
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.880MHz, Pmax: 25.17dBm, RBW: 3MHz



Effective Radiated Power

FCC RULES PART 22 SUBPART H

Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.880MHz, Pmax: 29.57dBm, RBW: 3MHz





Appendix D

Modulation Requirements



Appendix E

Audio Filter Characteristics



Appendix F

Emission Limitation

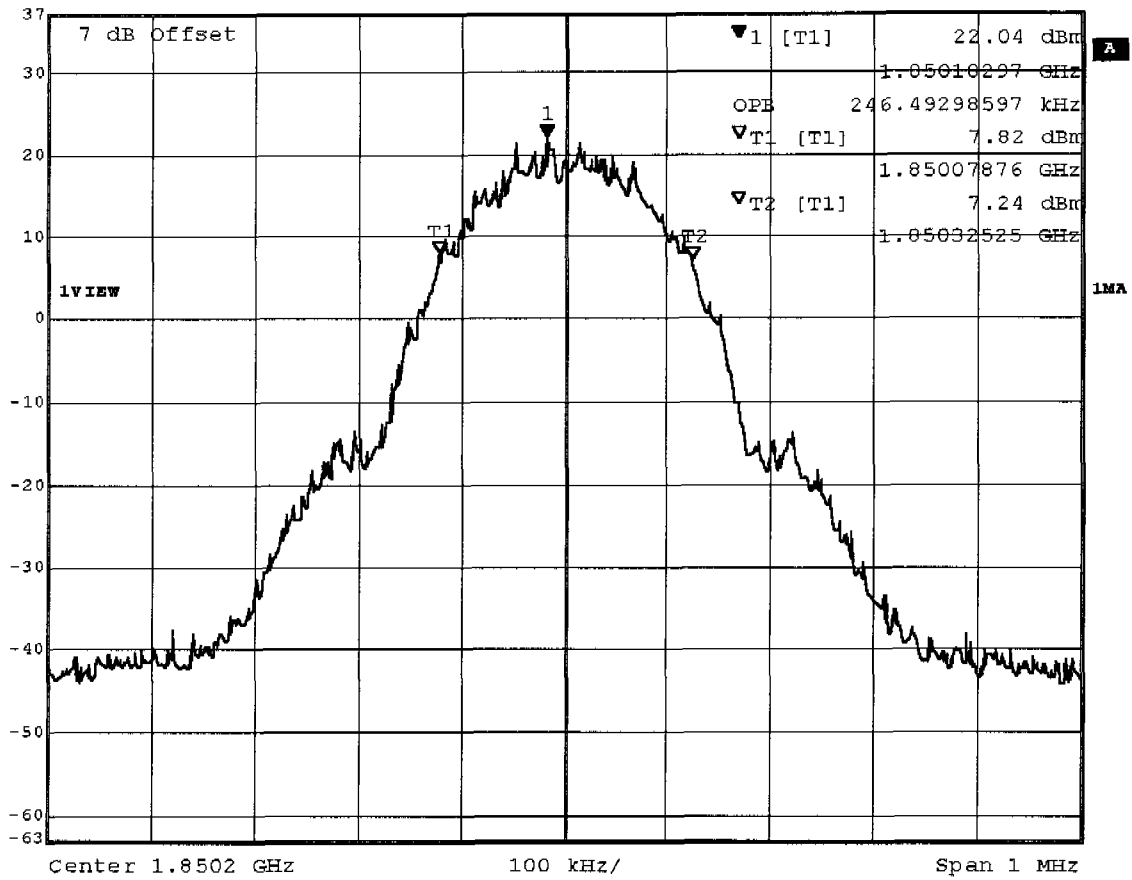


Appendix G

Occupied Bandwidth



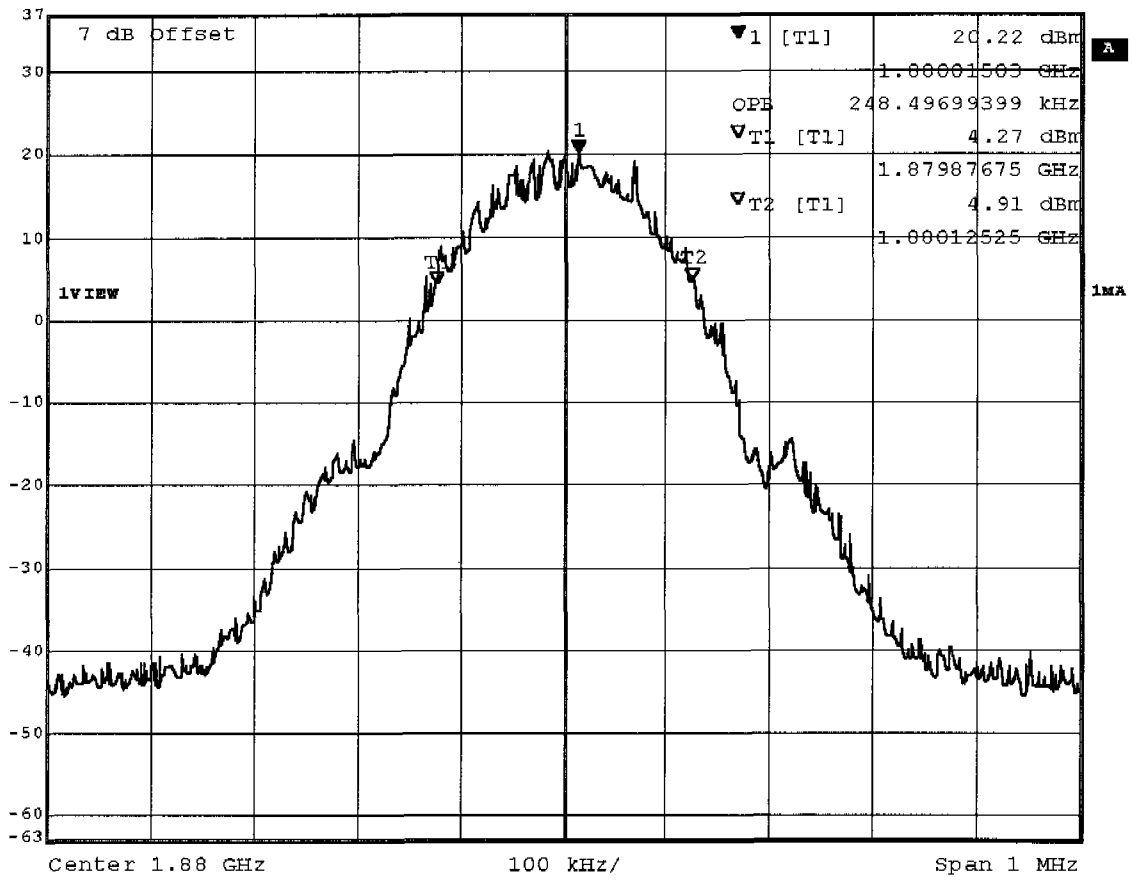
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 22.04 dBm VBW 3 kHz
37 dBm 1.85018297 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel 512
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 12:41:18



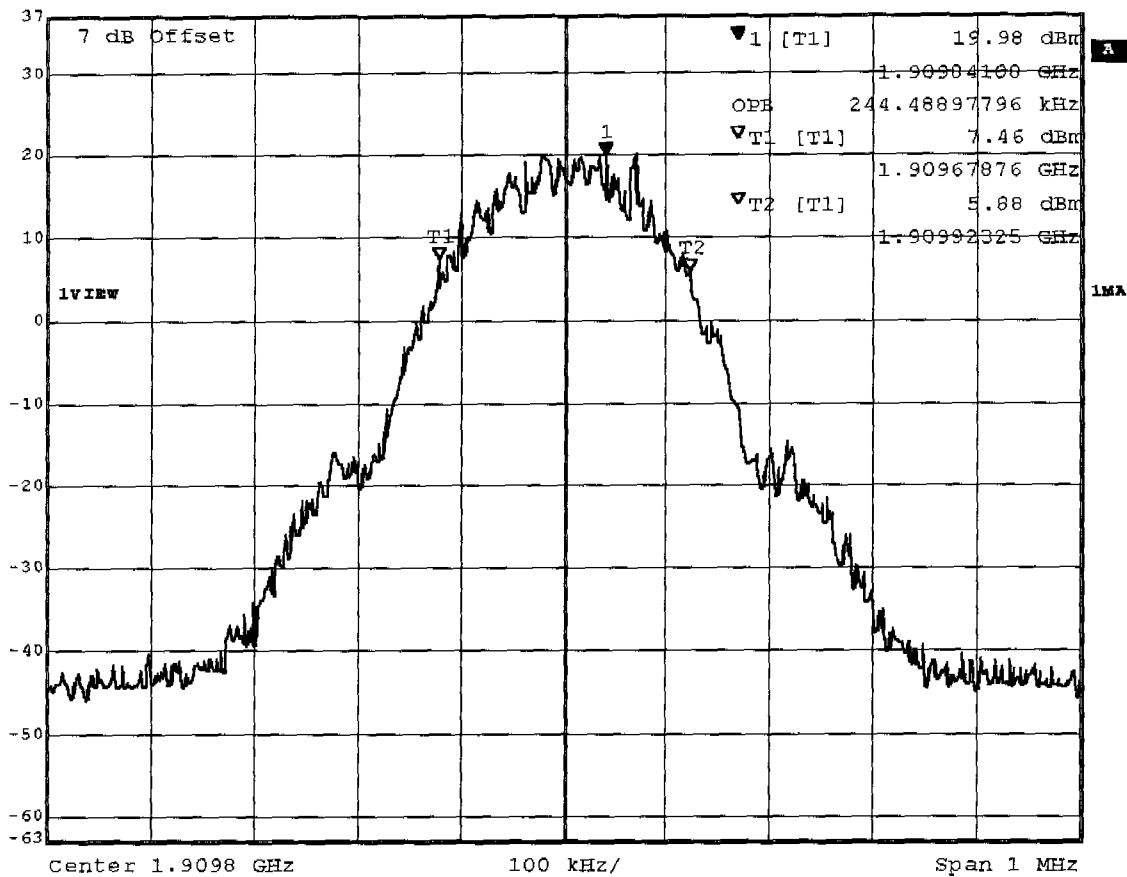
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
 Ref Lvl 20.22 dBm VBW 3 kHz
 37 dBm 1.88001503 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel 661
 Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
 Date: 30.JUN.2004 12:48:46



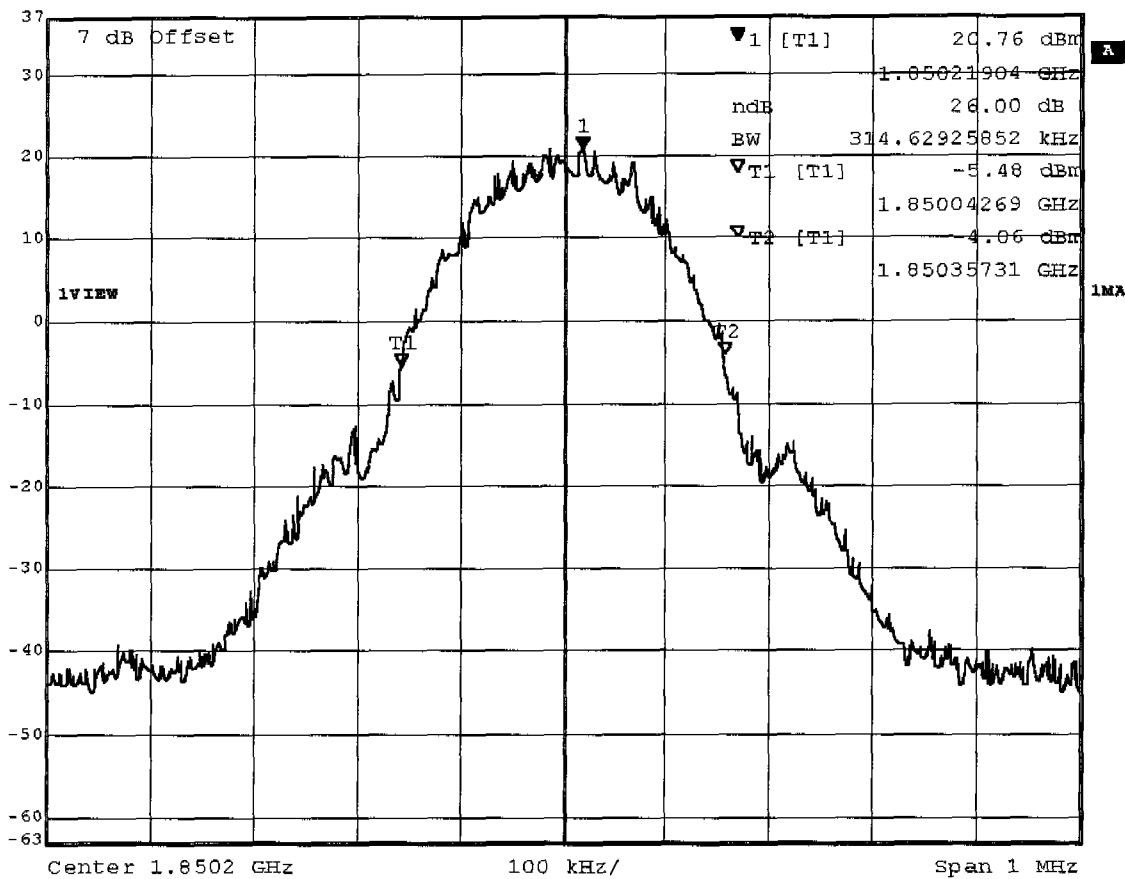
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 19.98 dBm VBW 3 kHz
37 dBm 1.90984108 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel 810
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 12:50:35



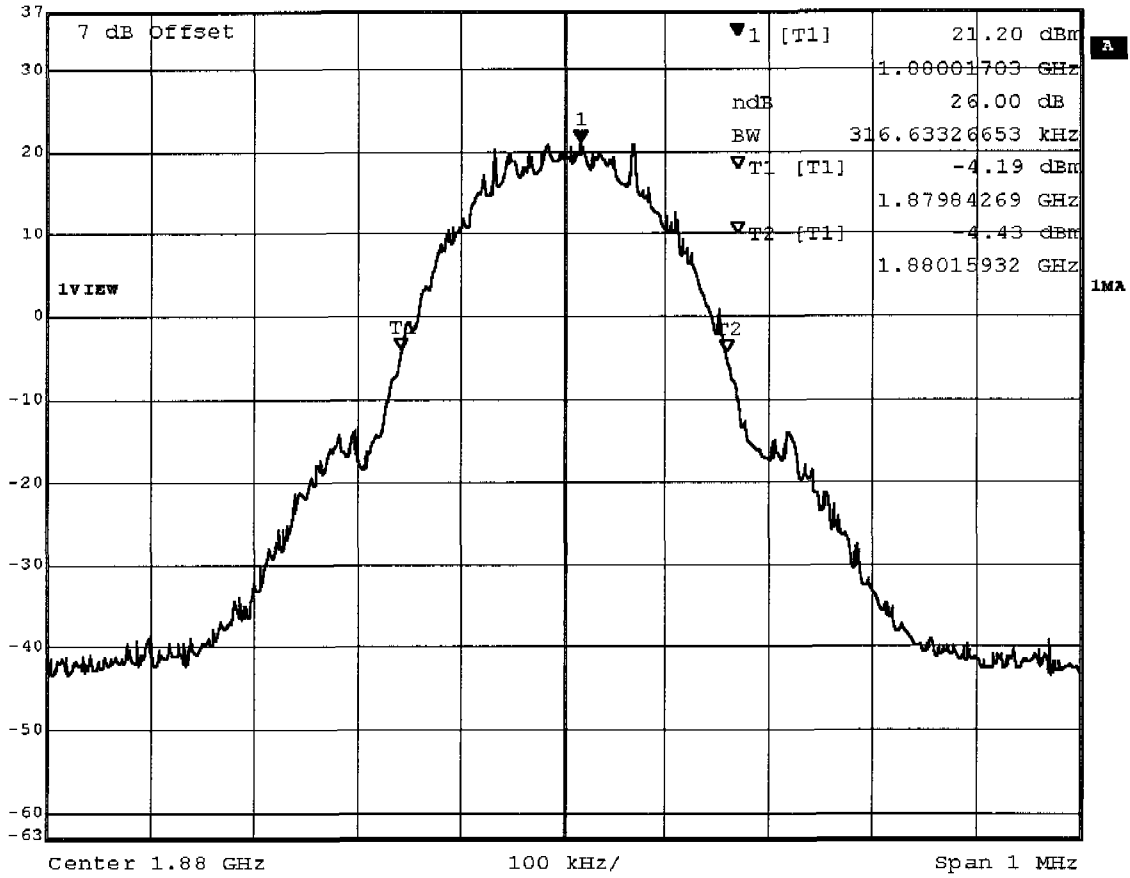
Marker 1 [T1 ndB] RBW 3 kHz RF Att 60 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 37 dBm BW 314.62925852 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel 512
 Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
 Date: 30.JUN.2004 12:53:21



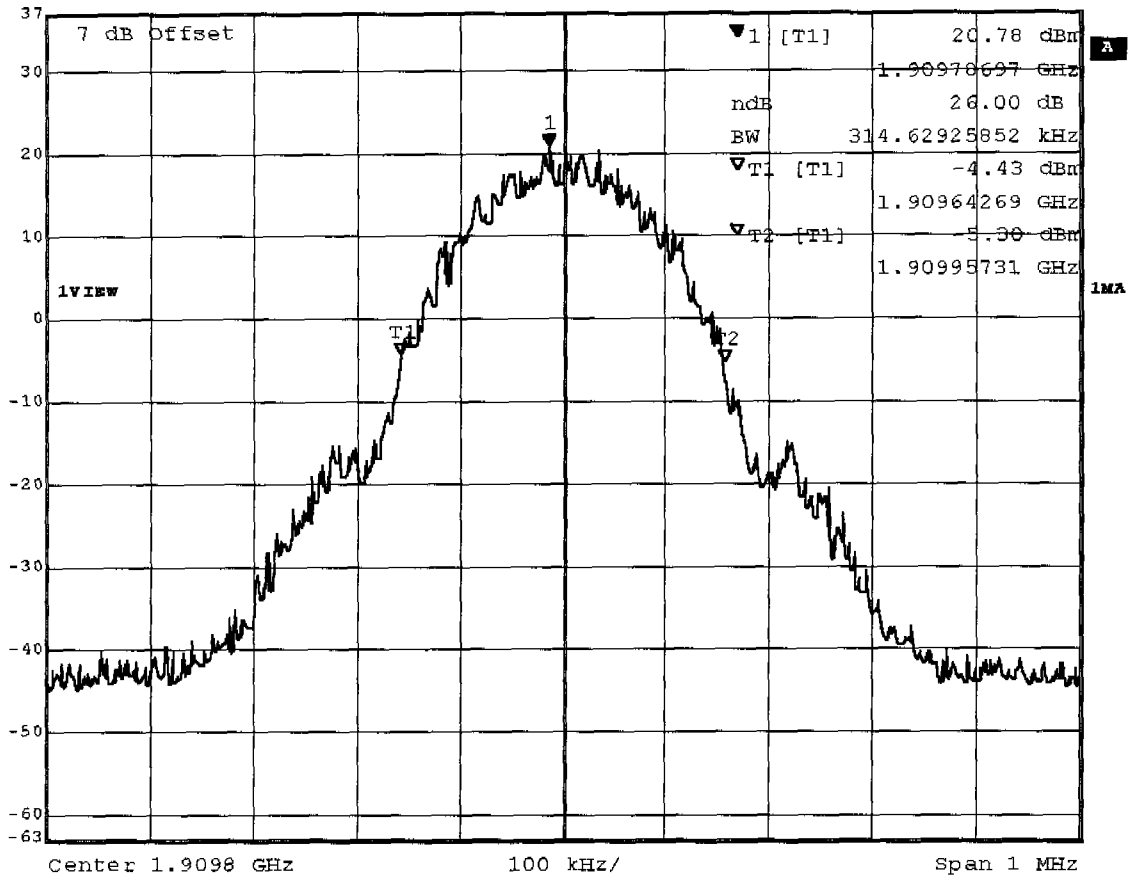
Marker 1 [T1 ndB] RBW 3 kHz RF Att 60 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 37 dBm BW 316.63326653 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel 661
 Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
 Date: 30.JUN.2004 12:57:14



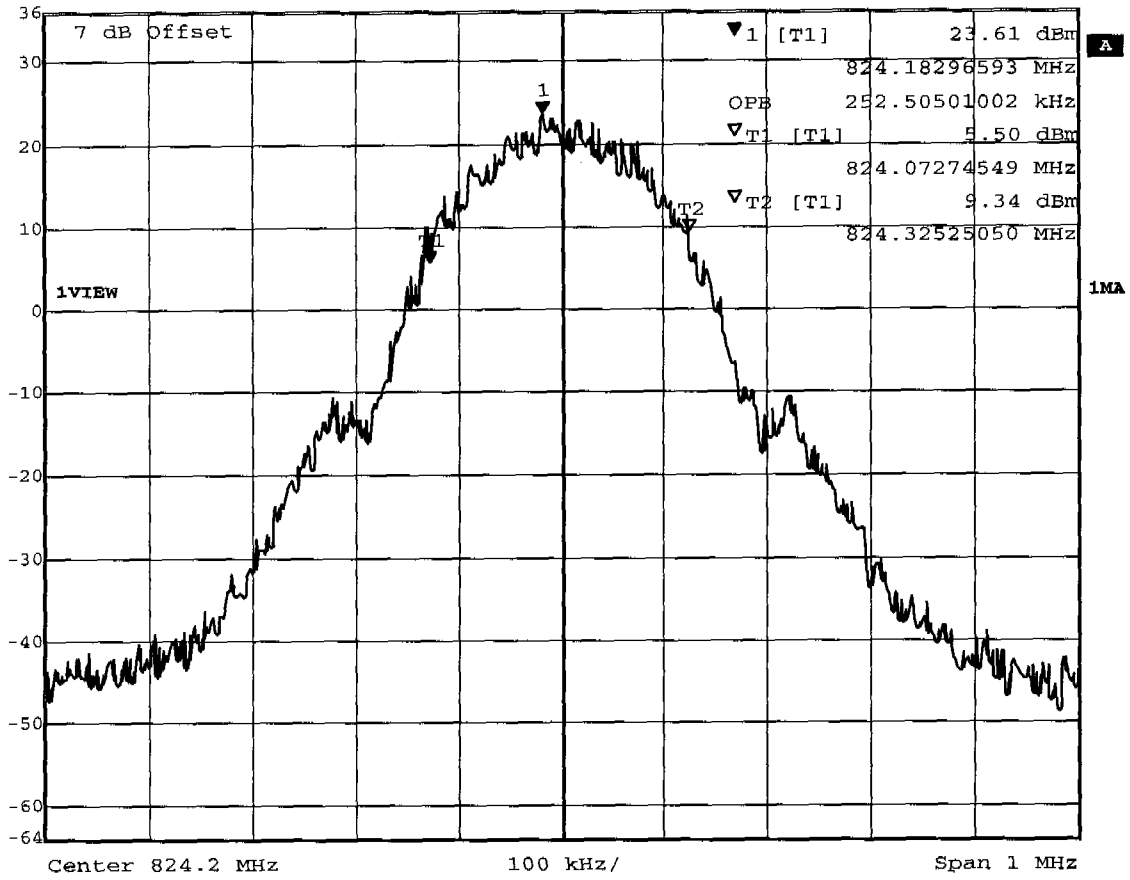
Ref Lvl	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	60 dB
37 dBm	ndB 26.00 dB	VBW	3 kHz		
	BW 314.62925852 kHz	SWT	280 ms	Unit	dBm



Title: -26 dBc Emission Bandwidth Channel 810
 Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
 Date: 30.JUN.2004 12:58:35



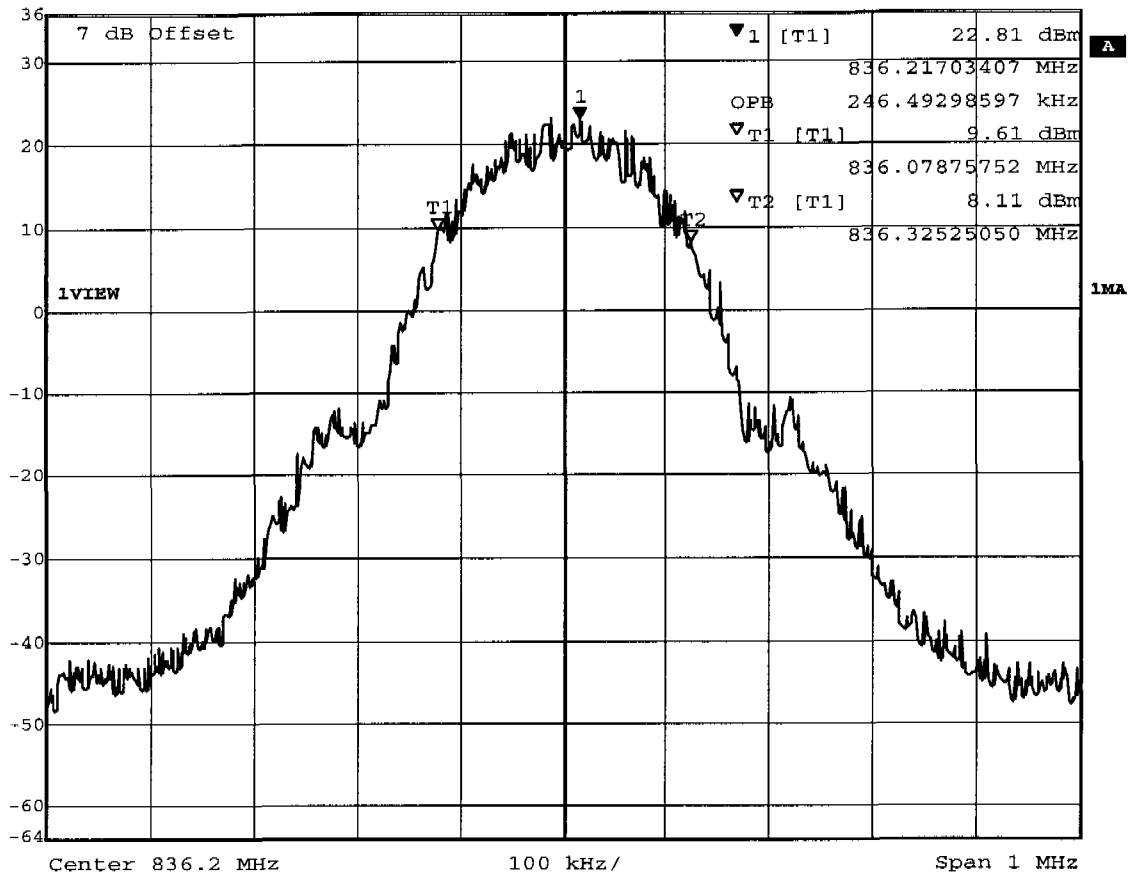
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
 Ref Lvl 23.61 dBm VBW 3 kHz
 36 dBm 824.18296593 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth Channel 128
 Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
 Date: 30.JUN.2004 13:36:49



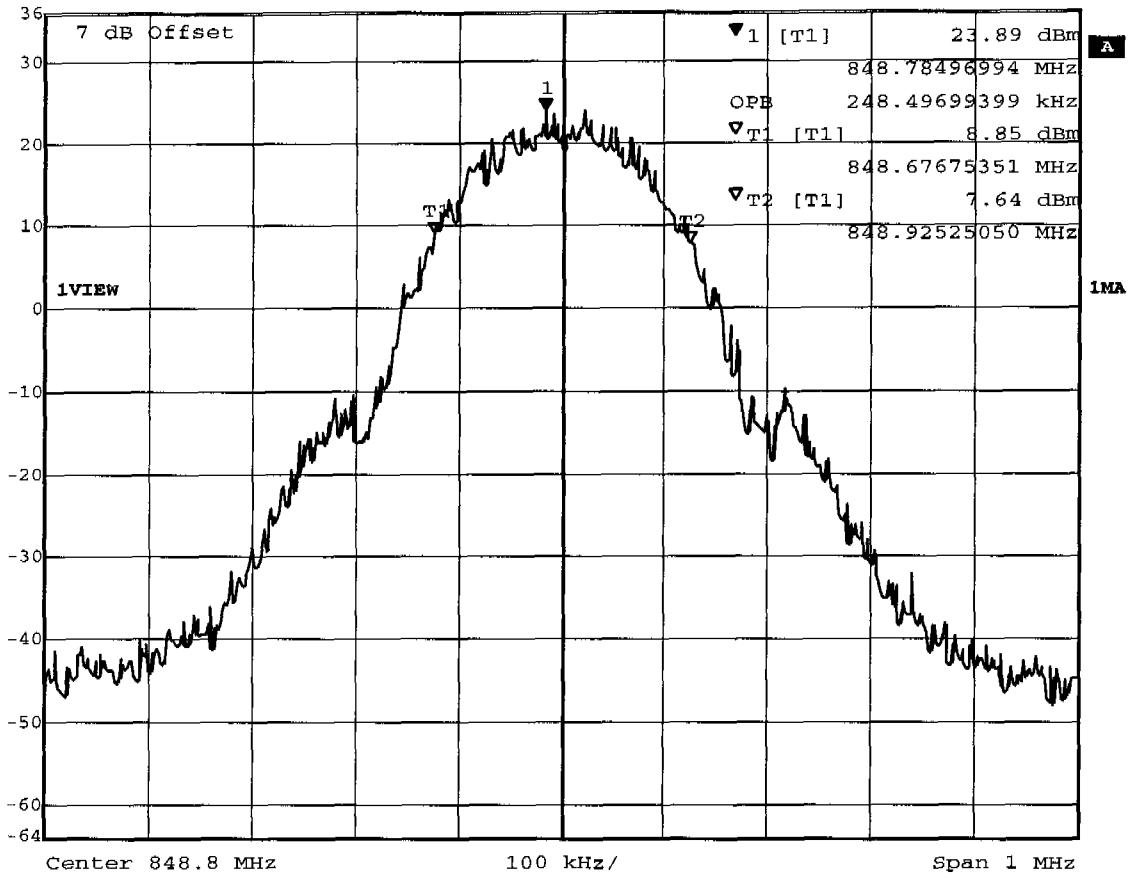
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 22.81 dBm VBW 3 kHz
36 dBm 836.21703407 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth Channel 188
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:38:10



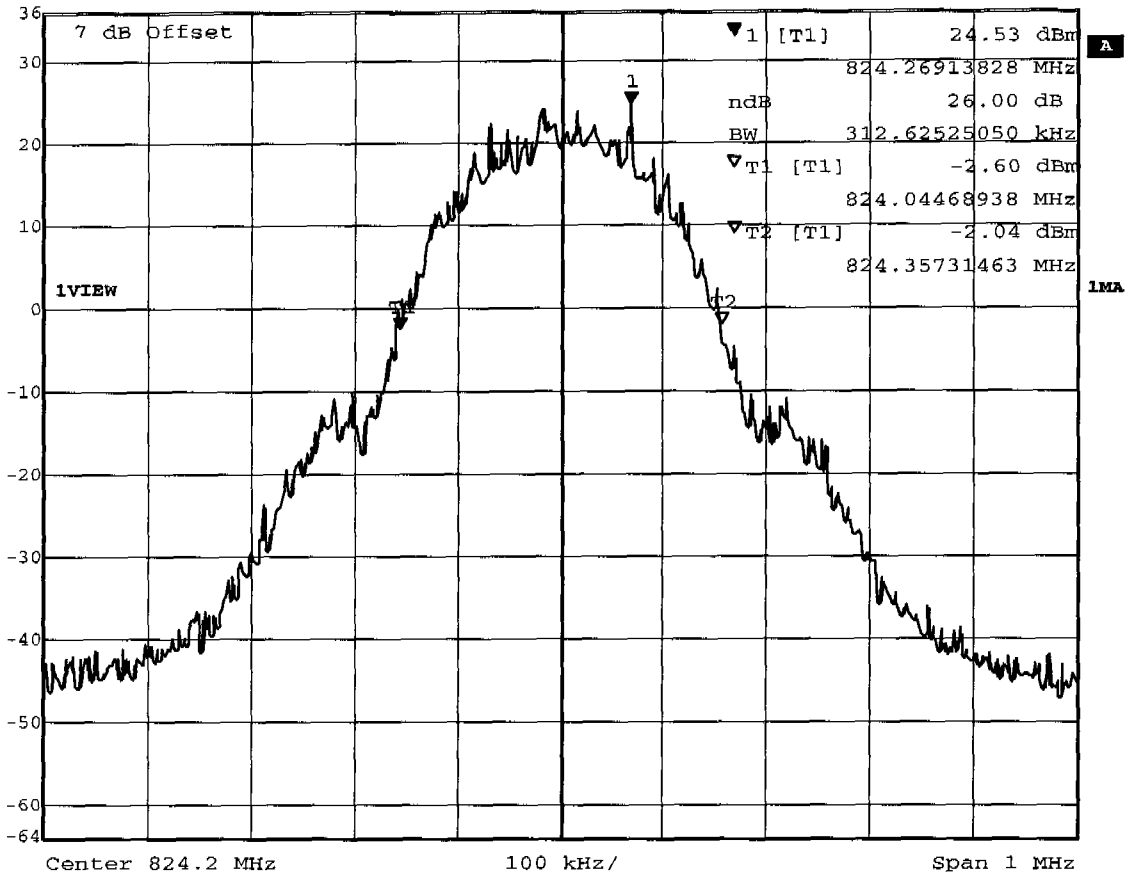
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 23.89 dBm VBW 3 kHz
36 dBm 848.78496994 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth Channel 251
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:39:38



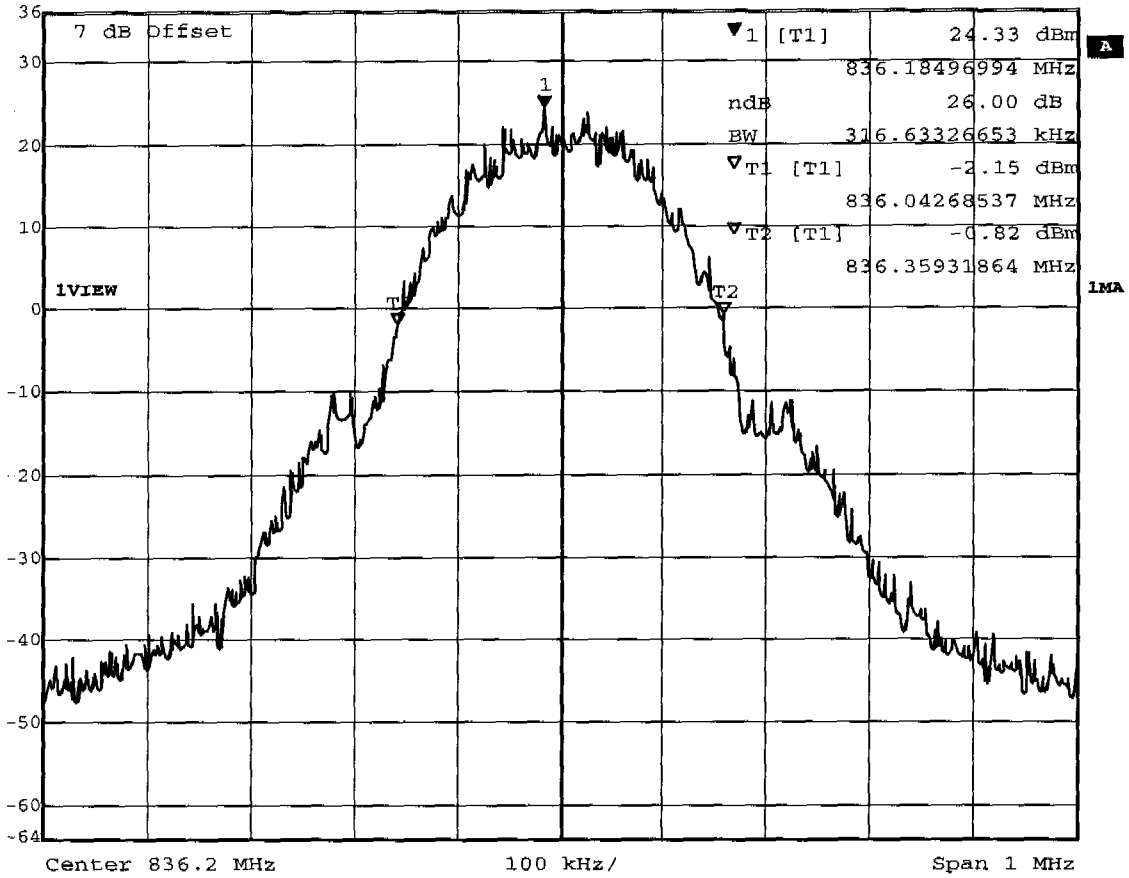
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 312.62525050 kHz SWT 280 ms Unit dBm



Title: -26dBc Emission Bandwidth Channel 128
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:42:00



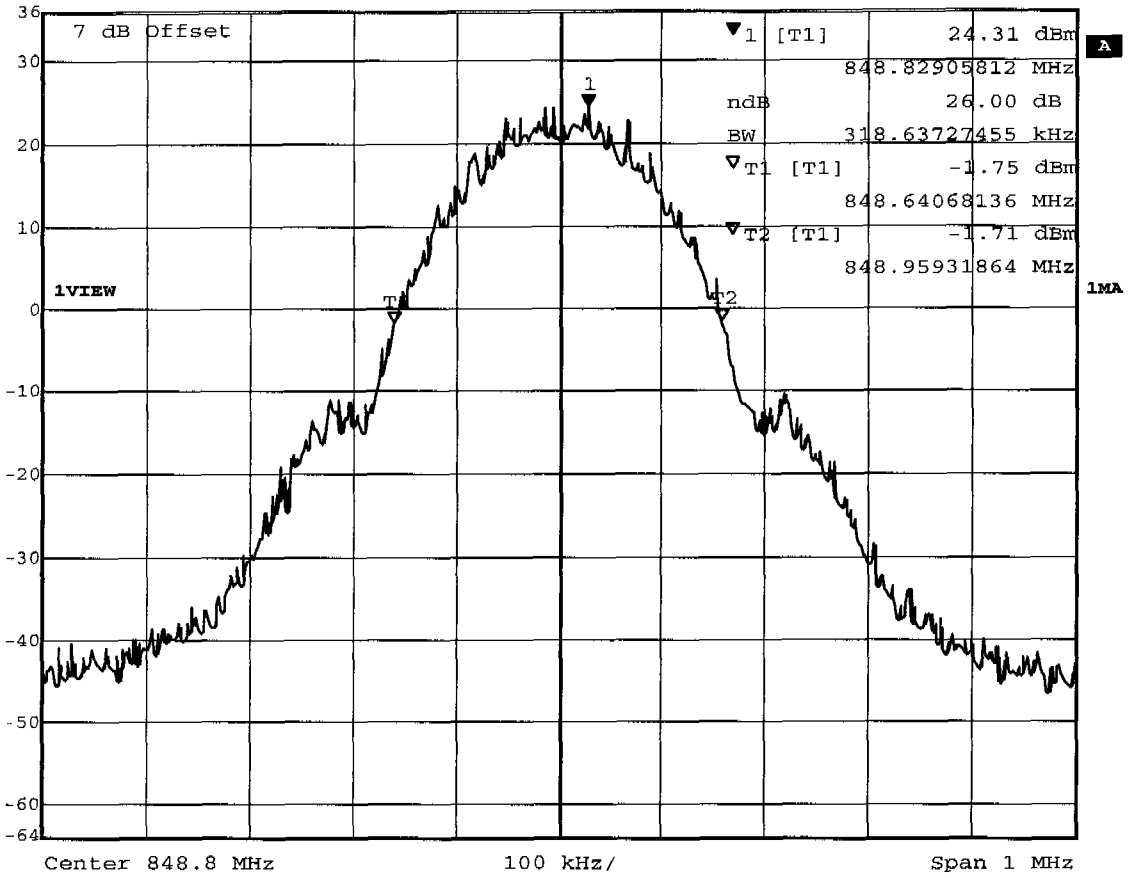
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
 Ref Lvl ndB 26.00 dB VBW 3 kHz
 36 dBm BW 316.63326653 kHz SWT 280 ms Unit dBm



Title: -26dBc Emission Bandwidth Channel 188
 Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
 Date: 30.JUN.2004 13:45:33



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



Title: -26dBc Emission Bandwidth Channel 251
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:49:03

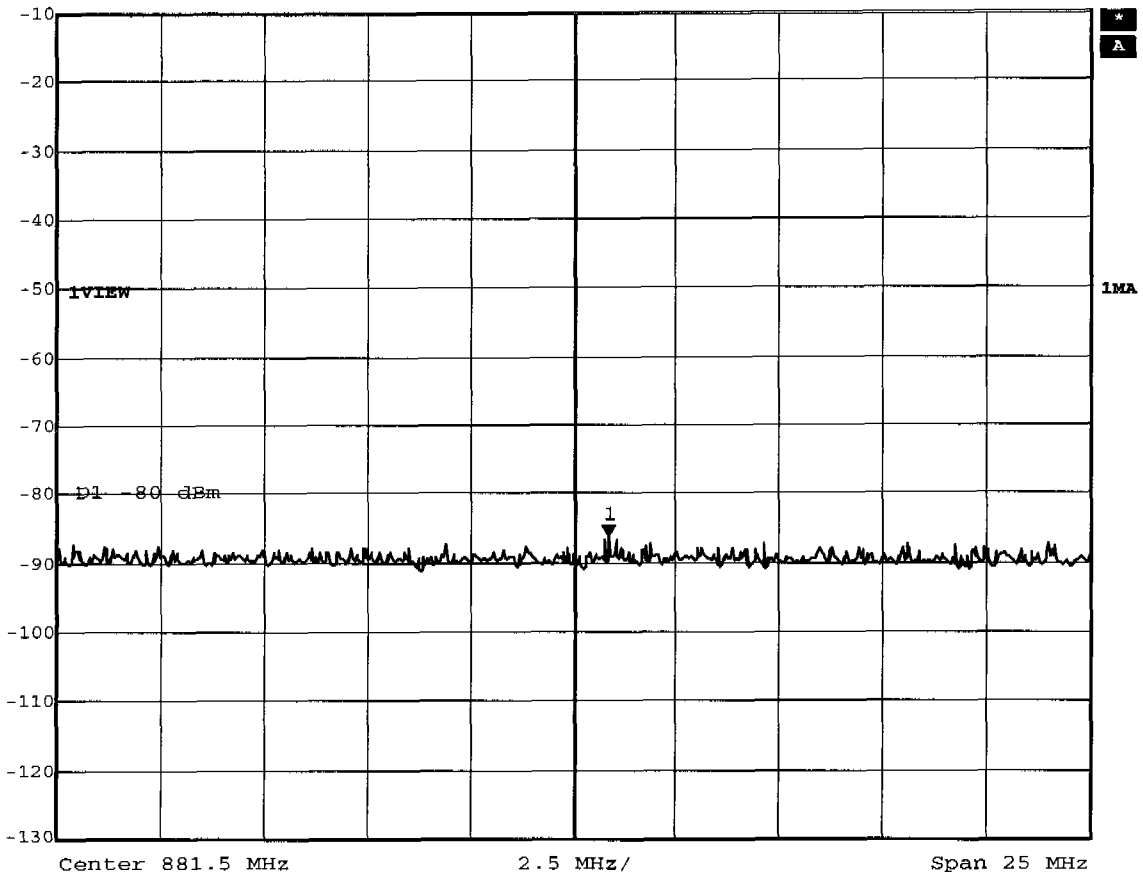


Appendix H

Emissions in Receiver Critical Band



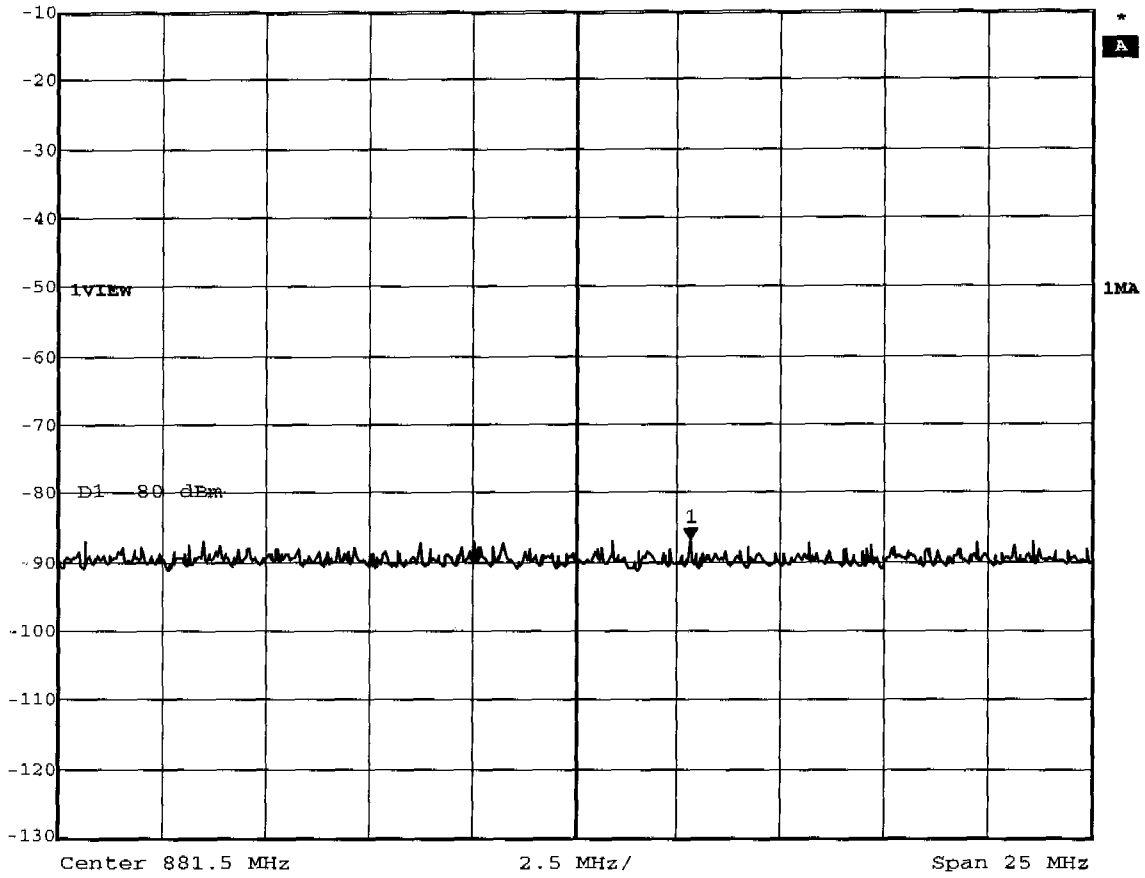
Marker 1 [T1] RBW 30 kHz RF Att 0 dB
ReF Lvl -86.49 dBm VBW 30 kHz
-10 dBm 882.37675351 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel 128
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:51:50



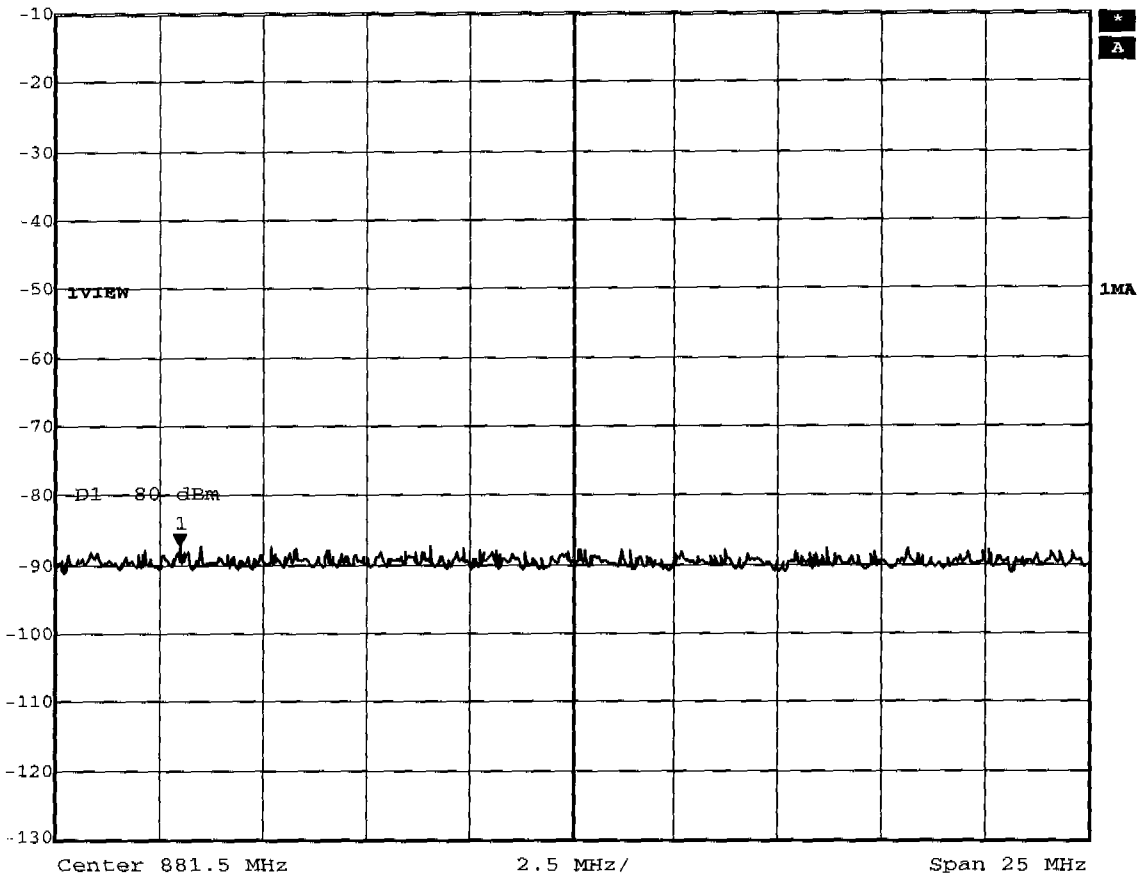
Ref Lvl	Marker 1 [T1]	RBW	30 kHz	RF Att	0 dB
-10 dBm	-87.03 dBm	VBW	30 kHz		
	884.33066132 MHz	SWT	70 ms	Unit	dBm



Title: Emissions in Receiver Critical Band Channel 188
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:53:06



Ref Lvl	Marker 1 [T1]	RBW	30 kHz	RF Att	0 dB
-10 dBm	-87.38 dBm	VBW	30 kHz		
	872.00601202 MHz	SWT	70 ms	Unit	dBm



Title: Emissions in Receiver Critical Band Channel 251
Comment A: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Date: 30.JUN.2004 13:54:18



Appendix I

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



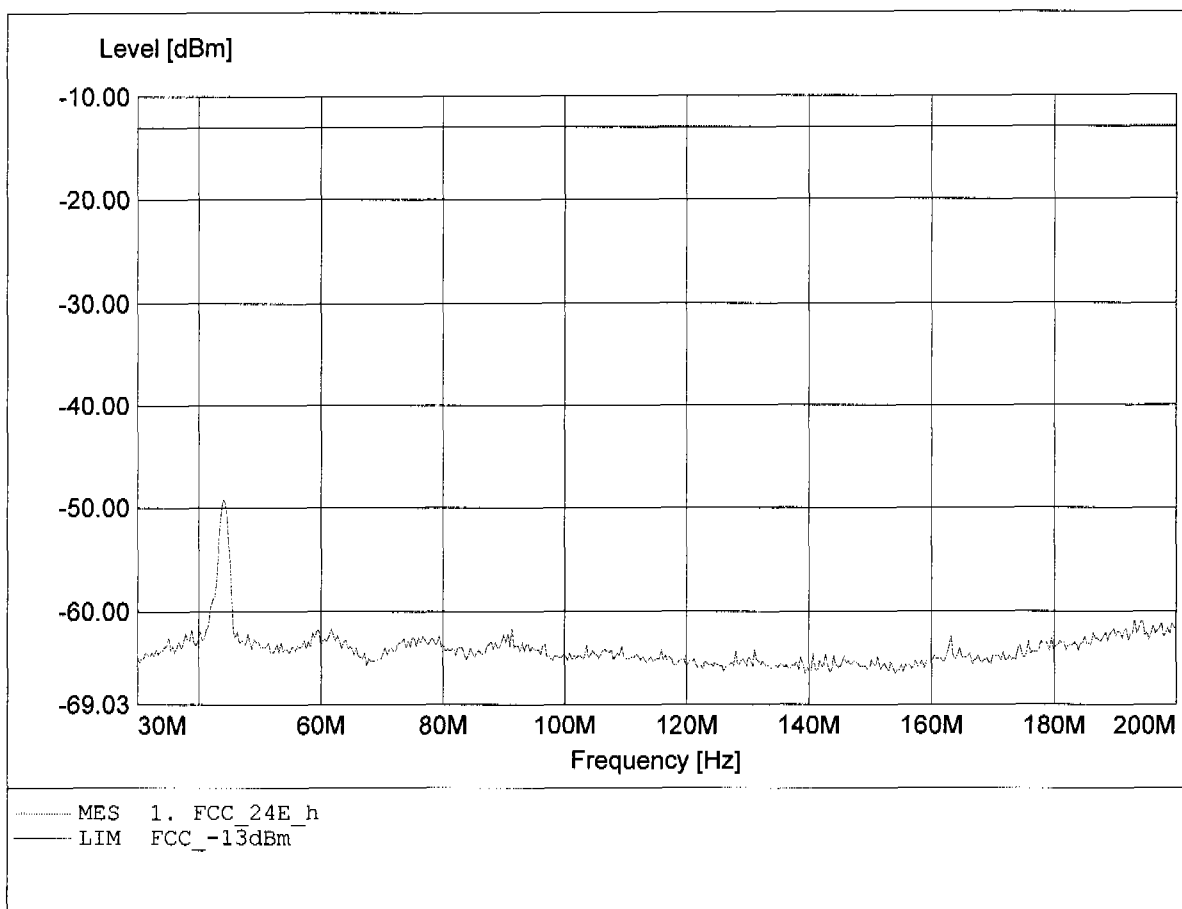
Appendix J

Field Strength of Spurious Radiation

Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

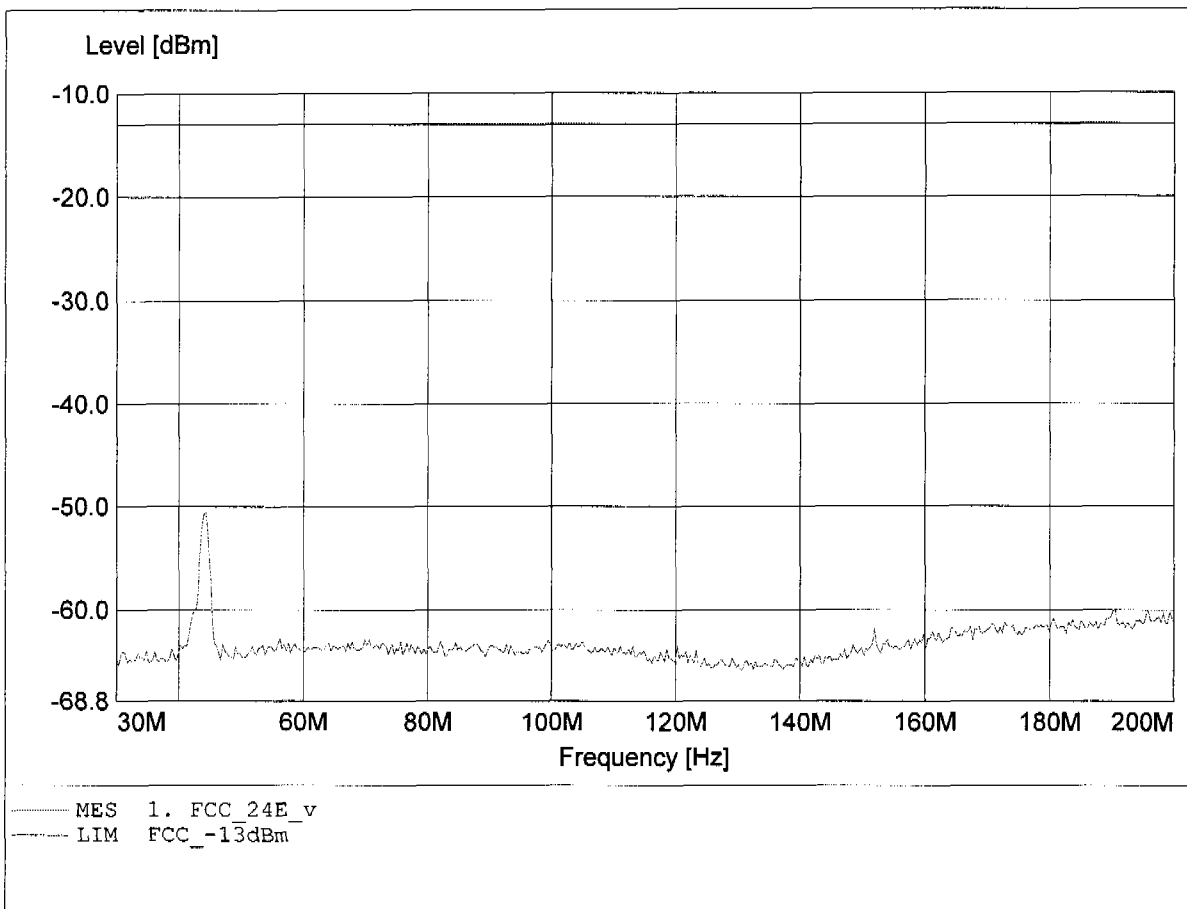
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.968MHz, Pmax: -49.22dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

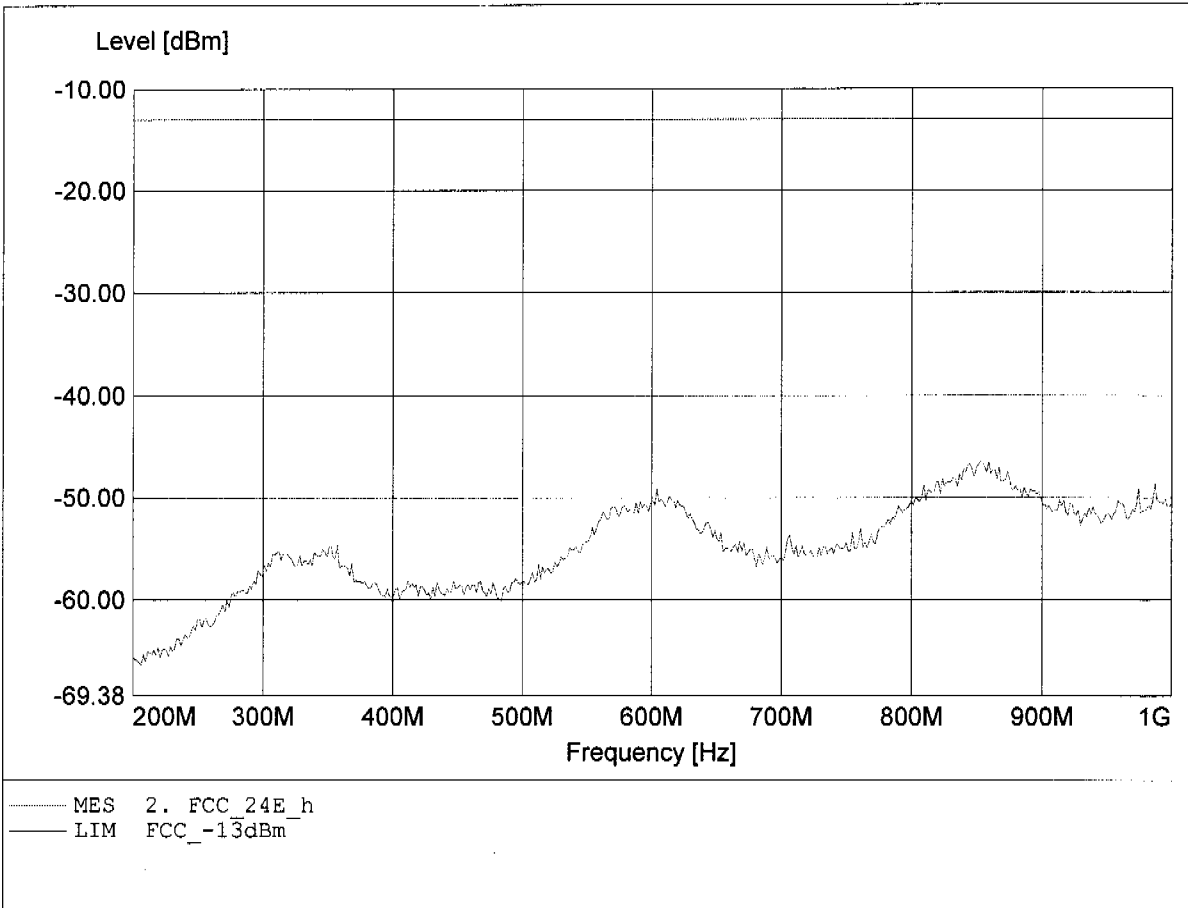
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.309MHz, Pmax: -50.49dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

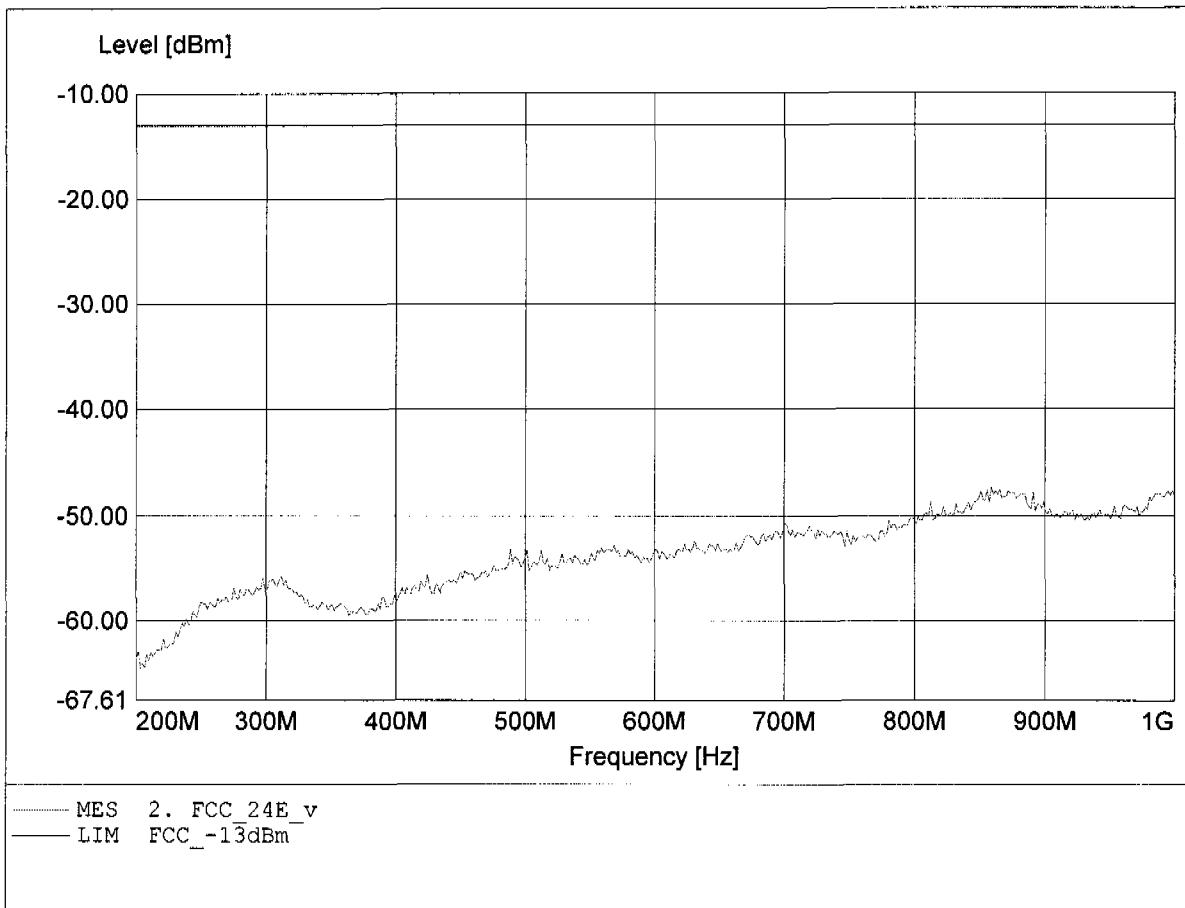
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 858.918MHz, Pmax: -46.48dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

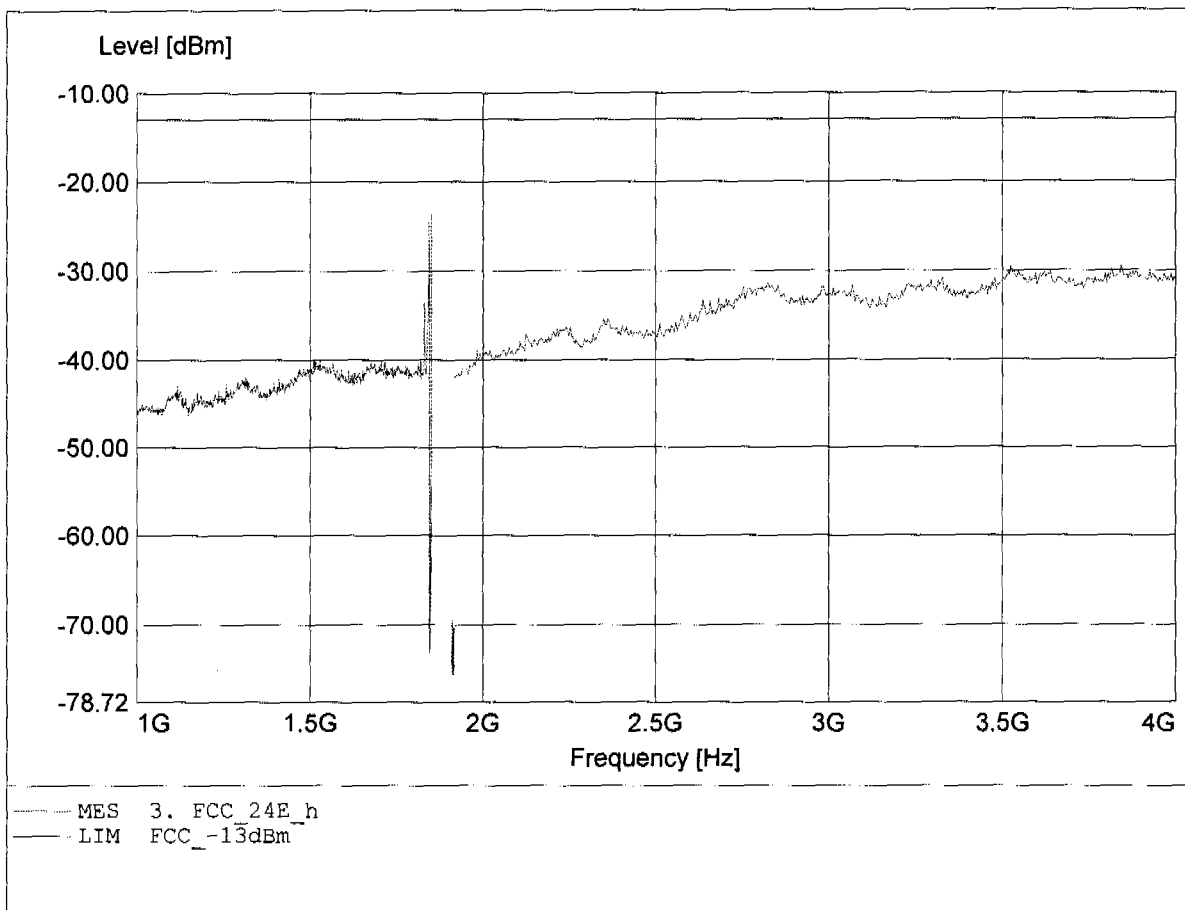
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 858.918MHz, Pmax: -47.32dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

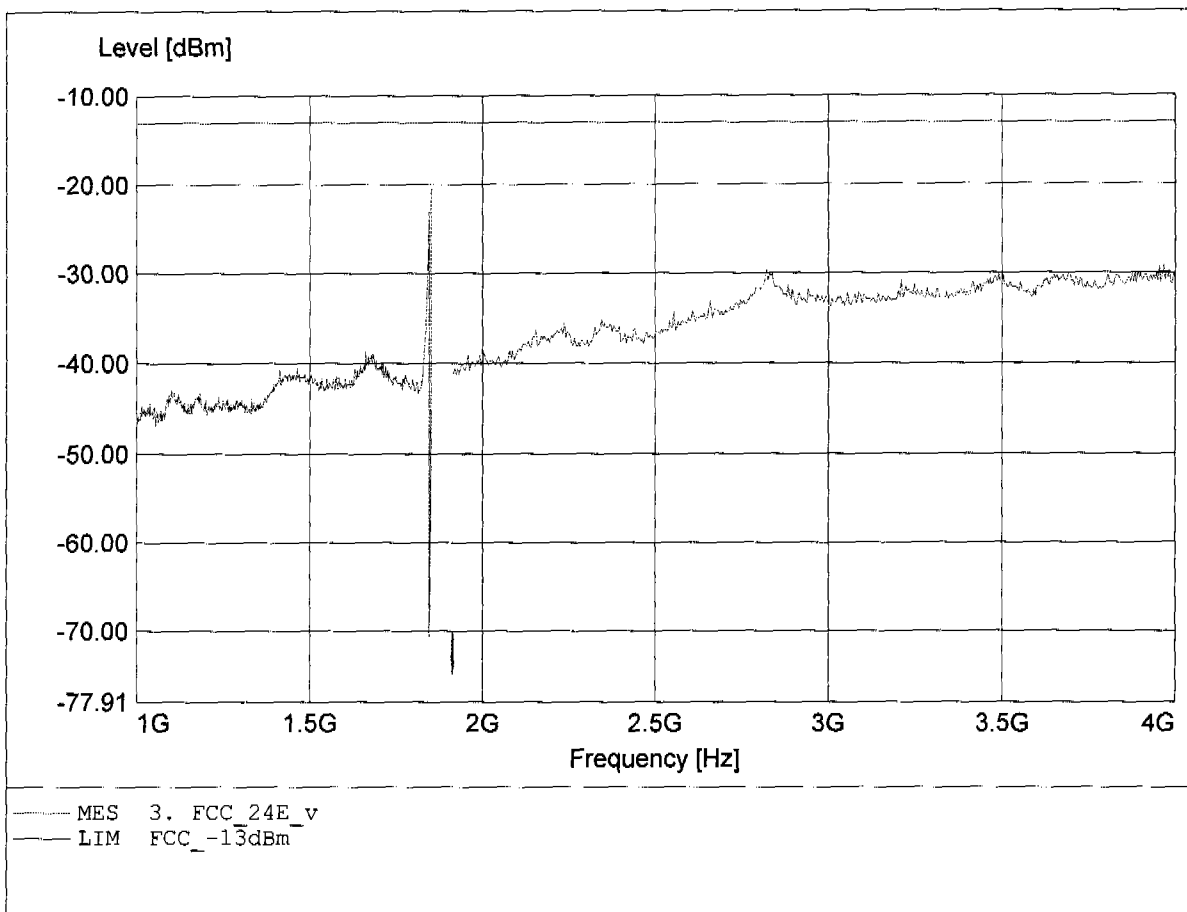
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -23.54dBm, RBW: 1MHz/3kHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

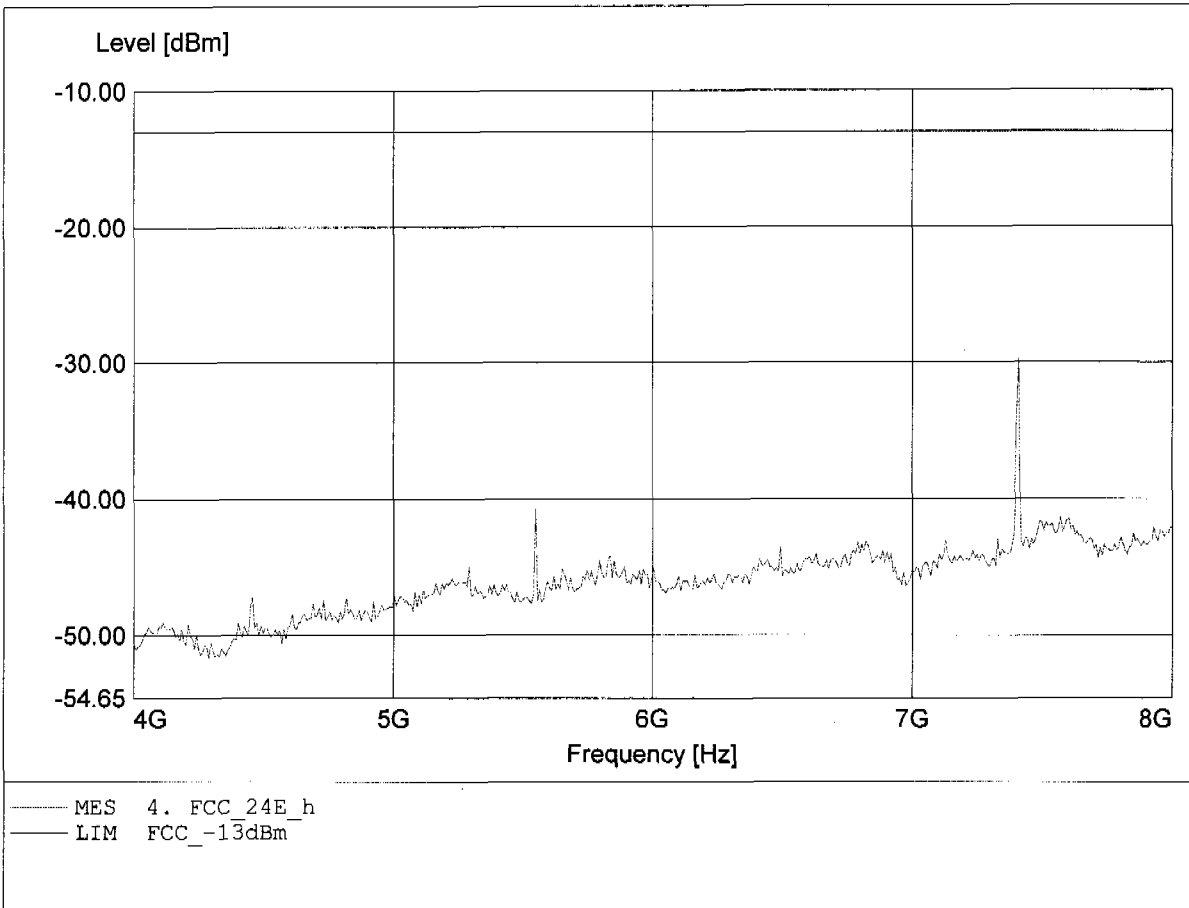
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -20.42dBm, RBW: 1MHz/3kHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

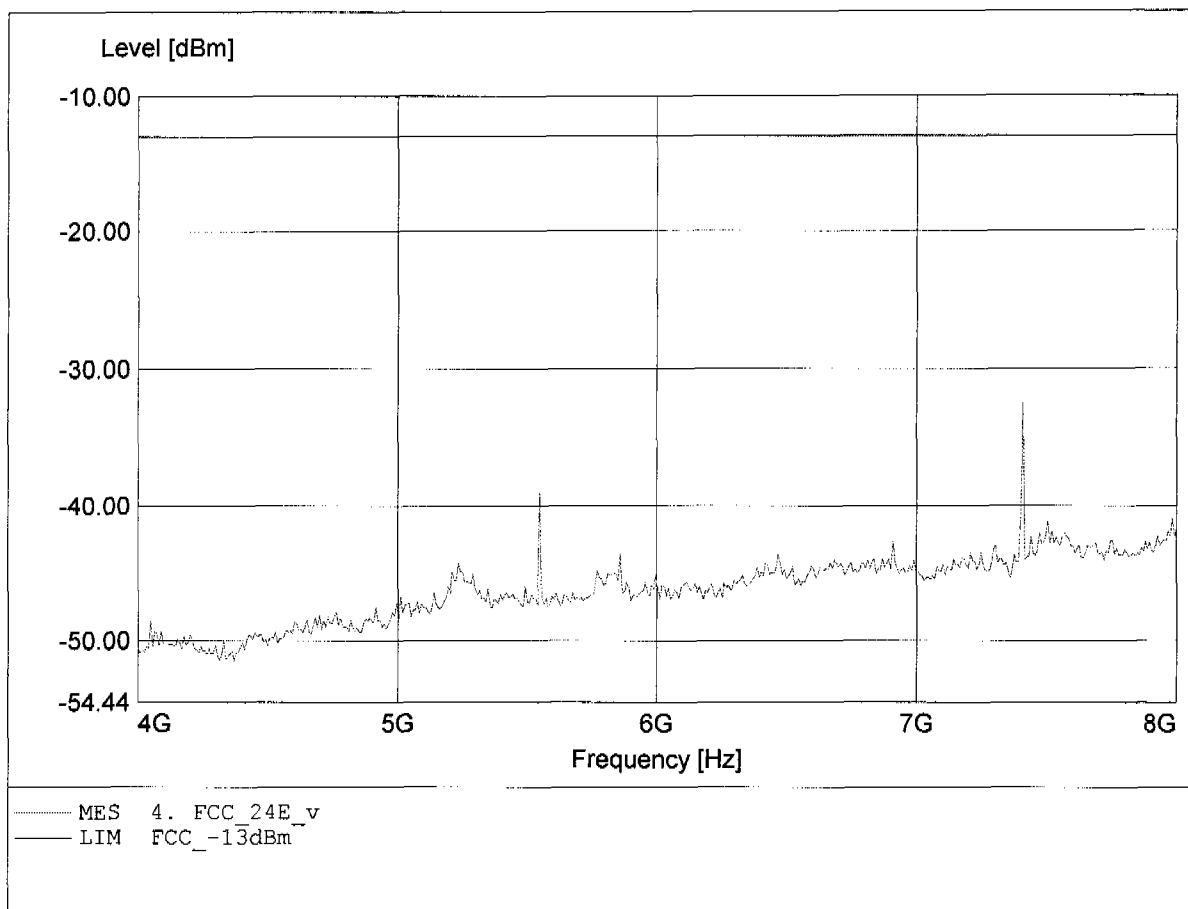
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.407GHz, Pmax: -29.73dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

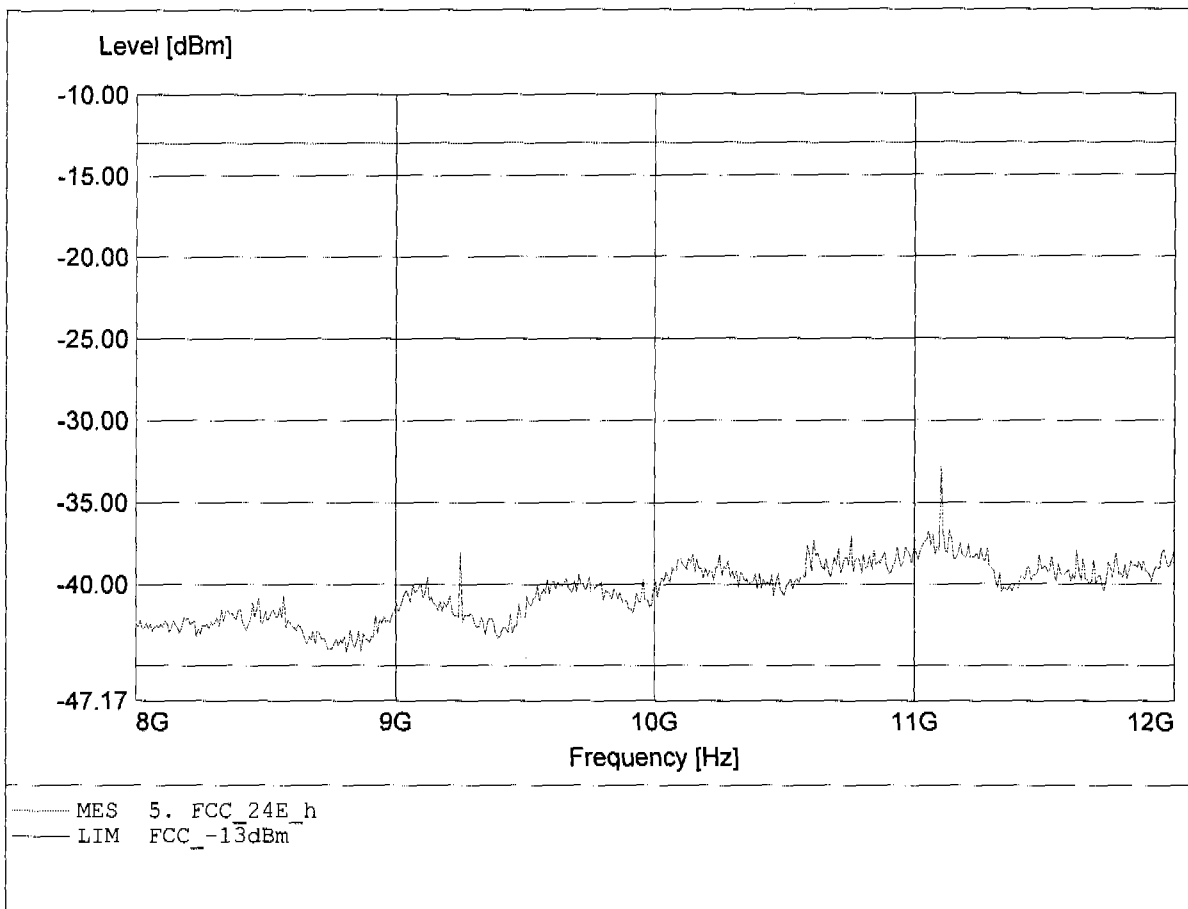
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.407GHz, Pmax: -32.44dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

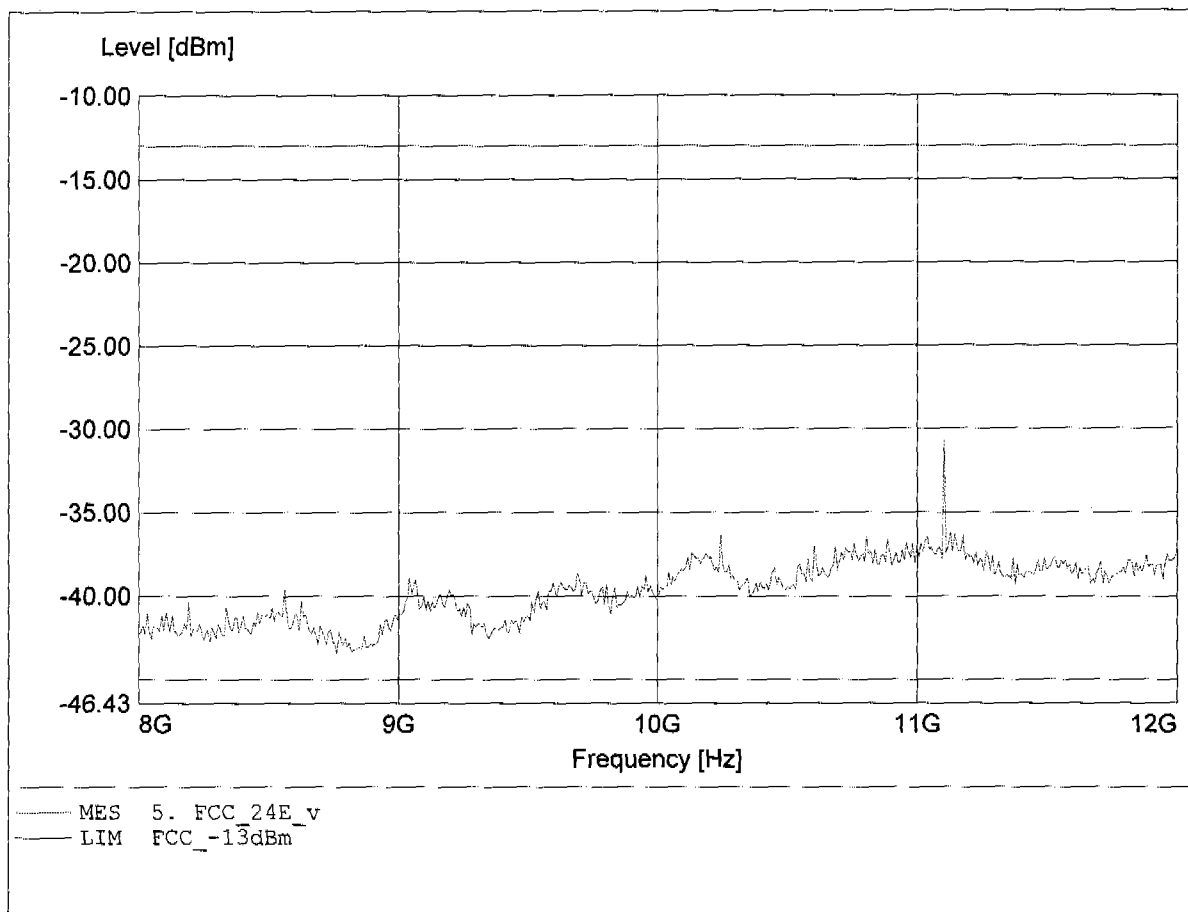
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -32.80dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

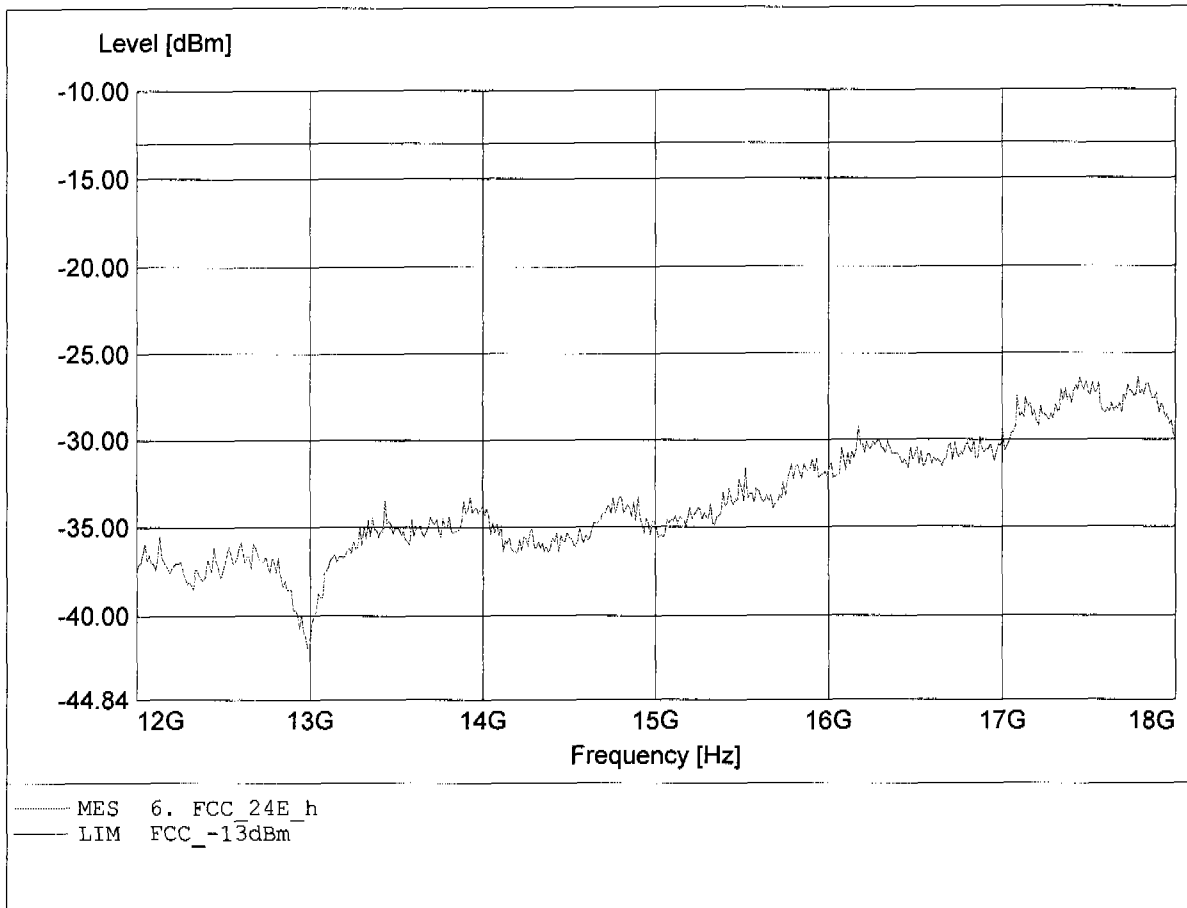
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -30.66dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

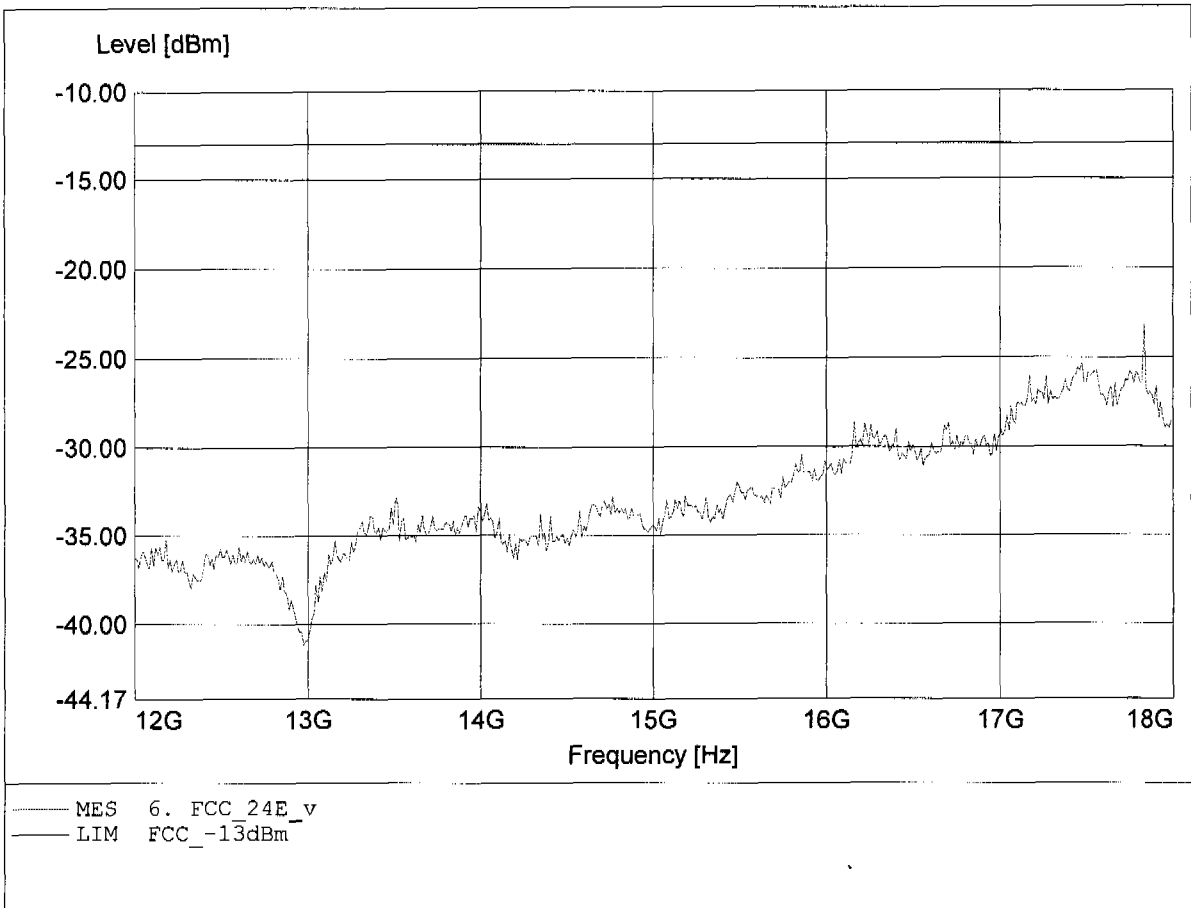
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.784GHz, Pmax: -26.34dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

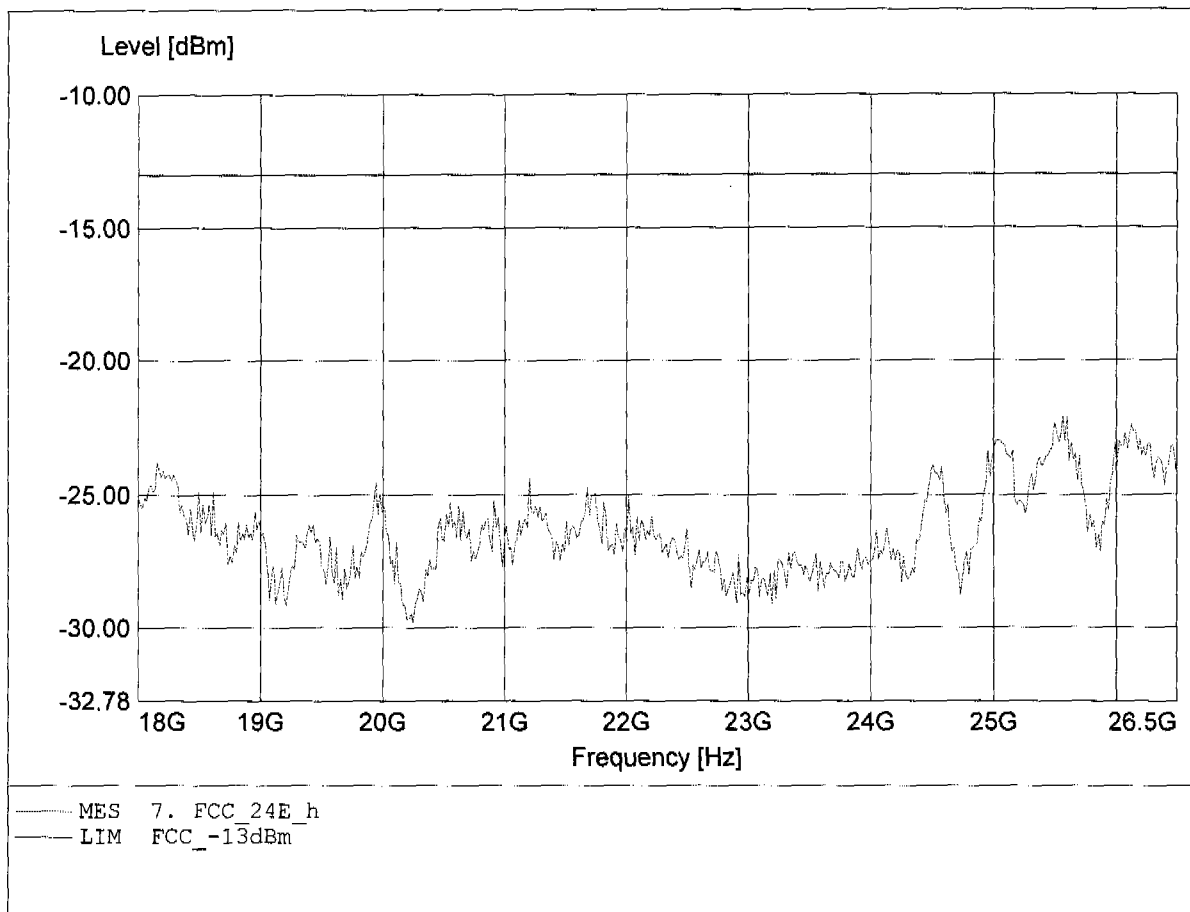
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.832GHz, Pmax: -23.21dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

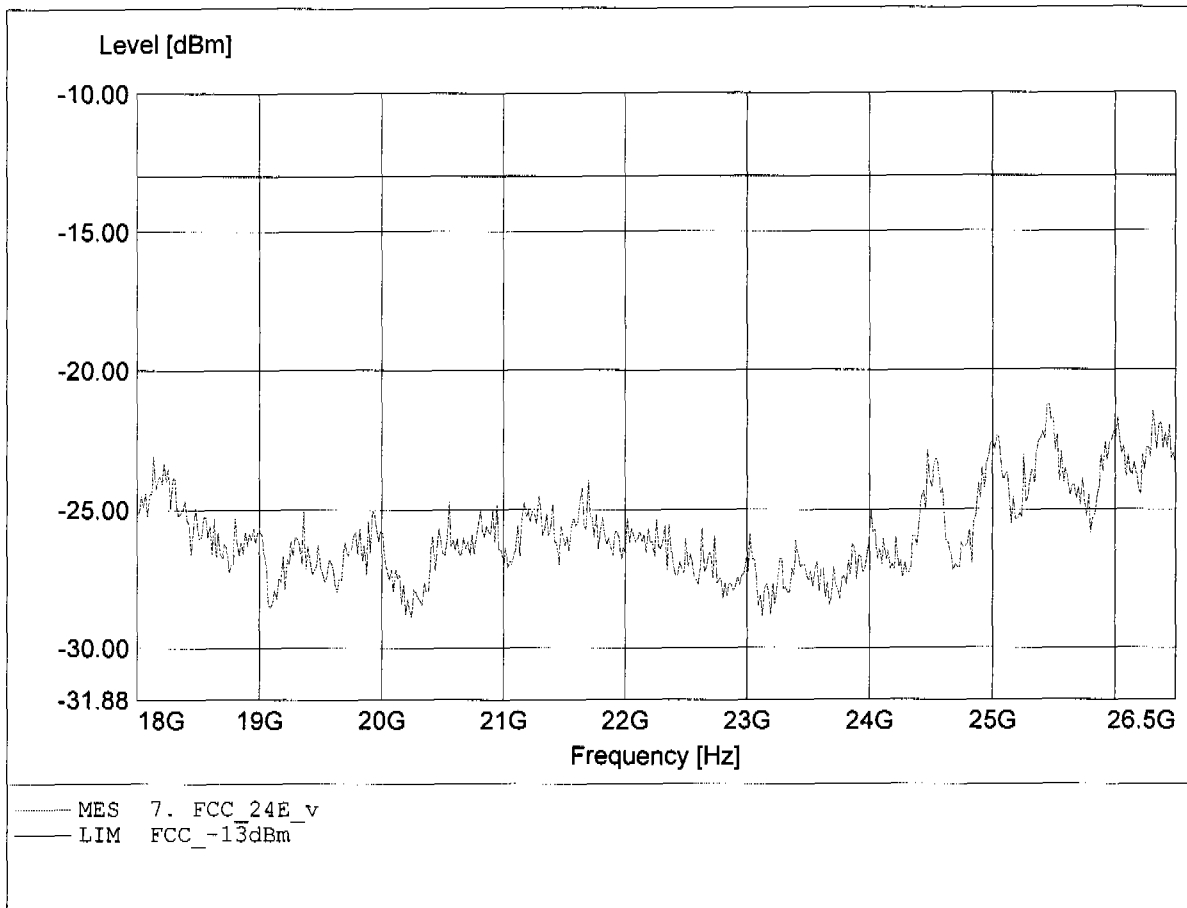
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.563GHz, Pmax: -22.05dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

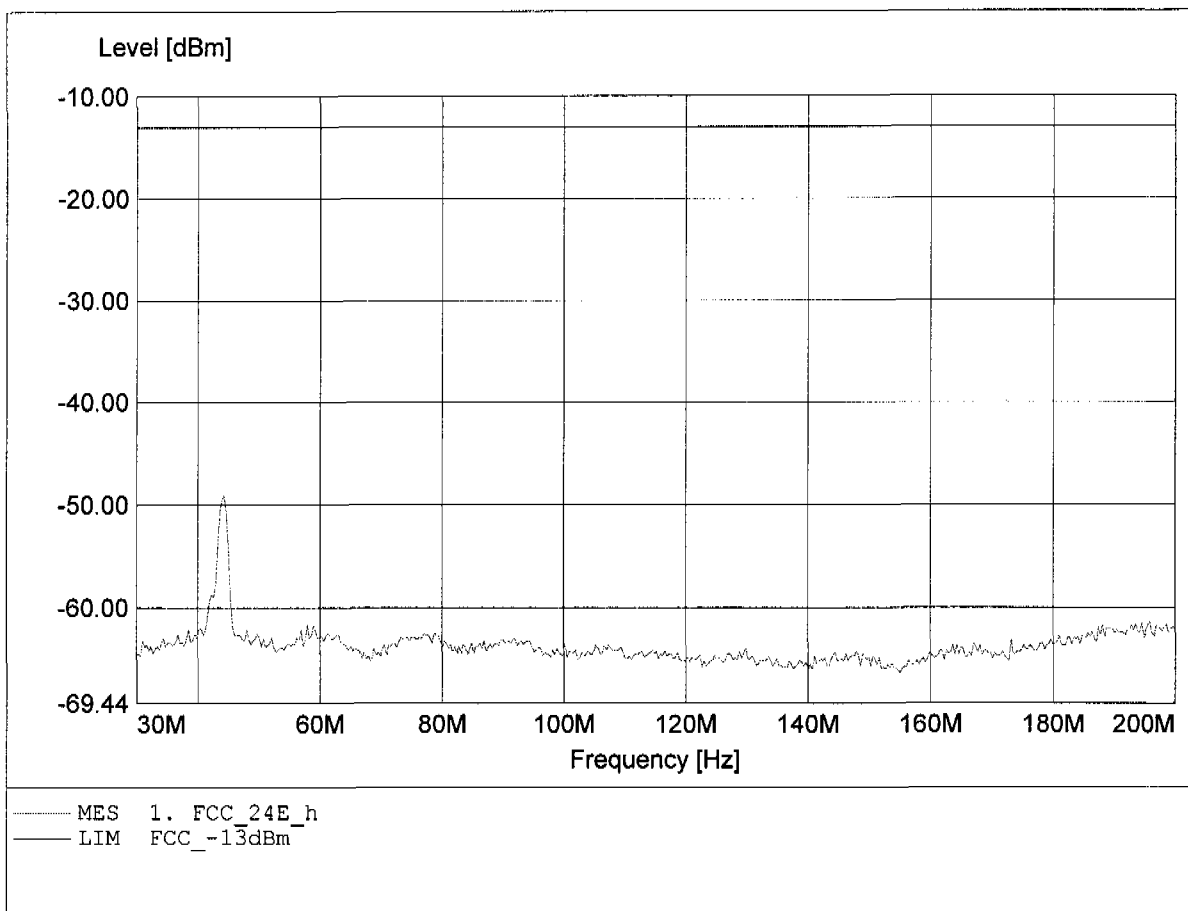
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 512
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.461GHz, Pmax: -21.25dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

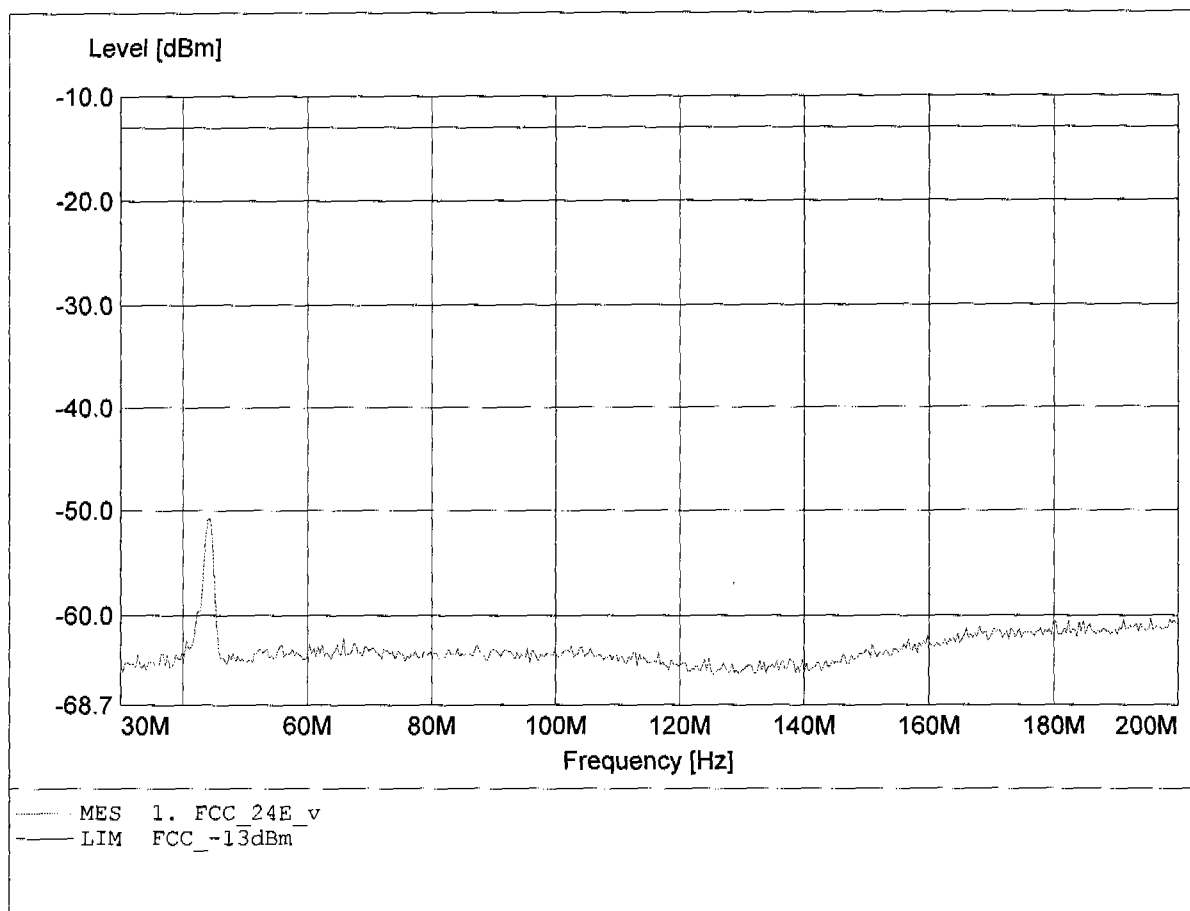
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.309MHz, Pmax: -49.02dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

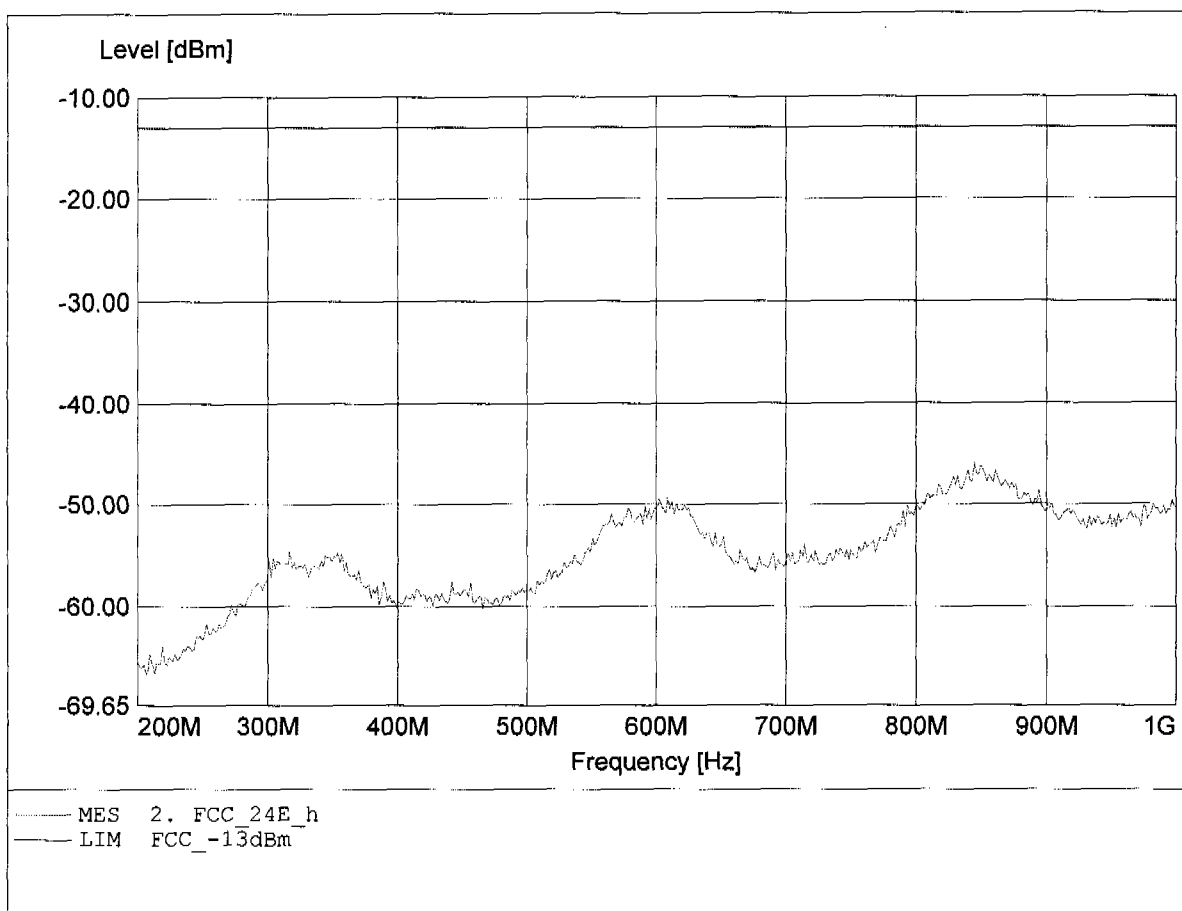
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.309MHz, Fmax: -50.74dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

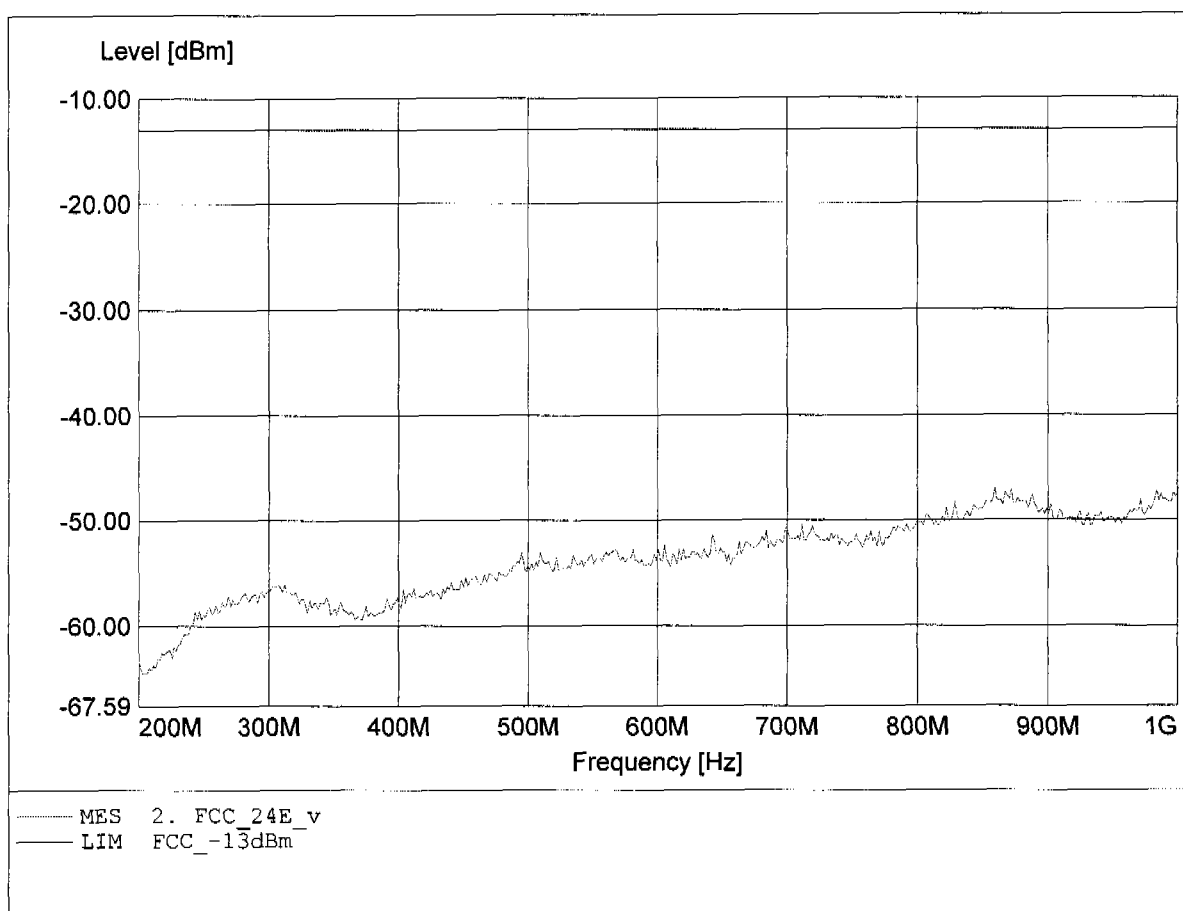
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 844.489MHz, Pmax: -46.05dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

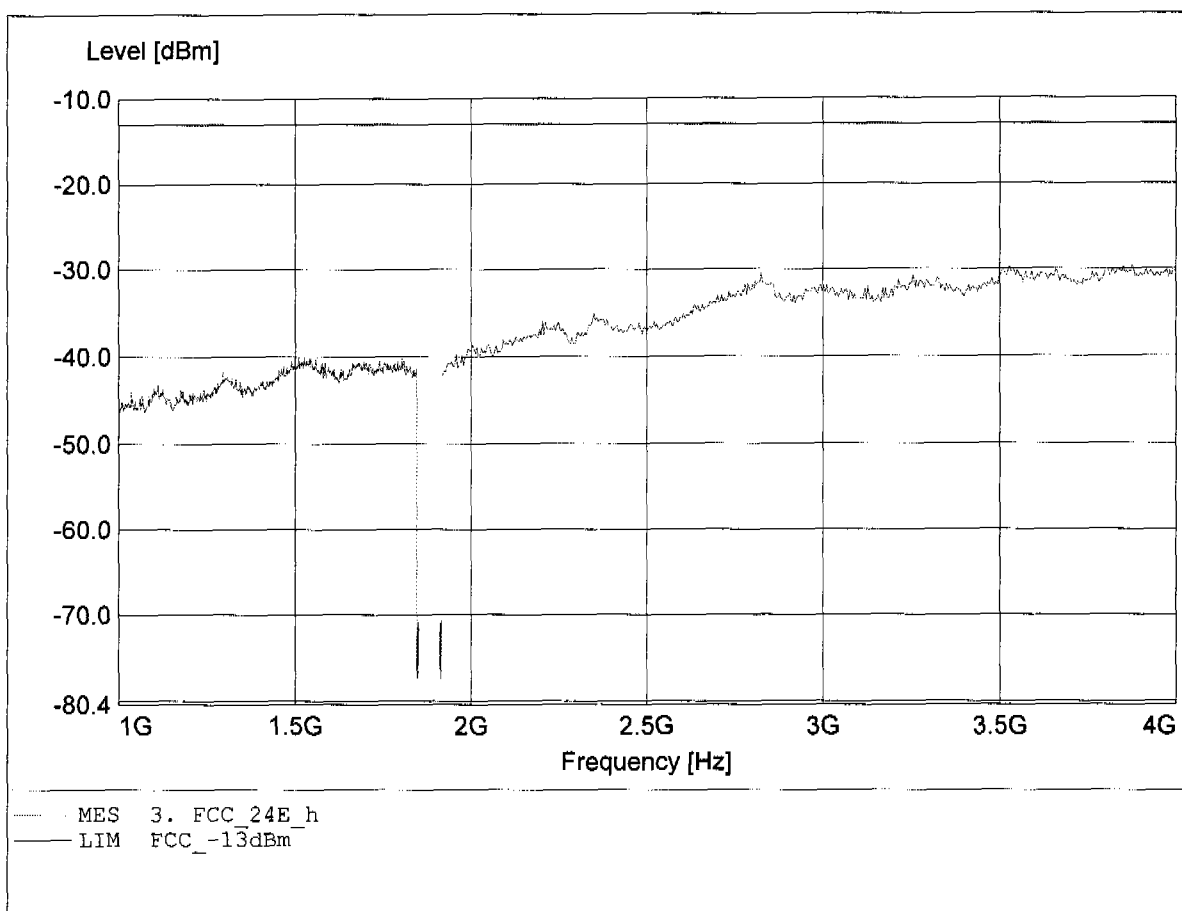
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 858.918MHz, Pmax: -47.08dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

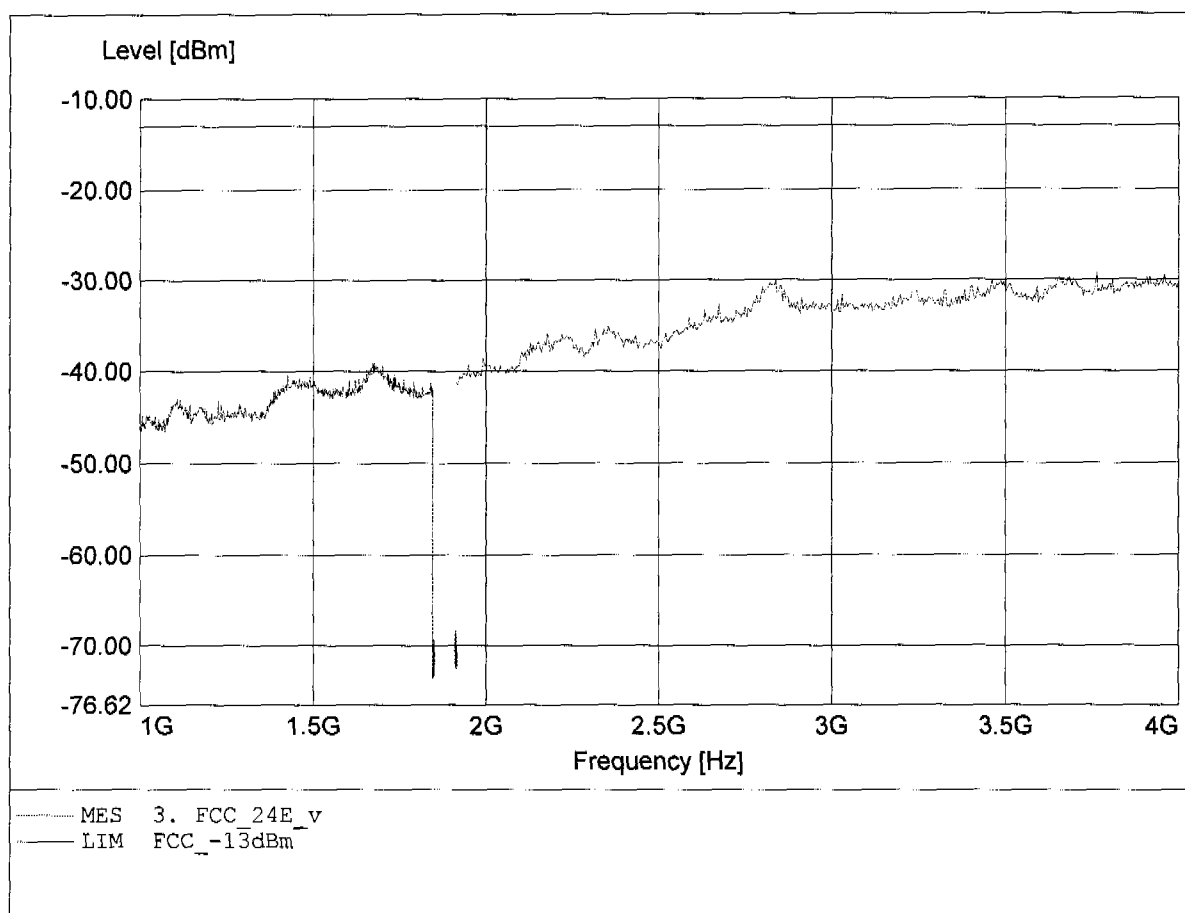
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.850GHz, Pmax: -29.65dBm, RBW: 1MHz/3kHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

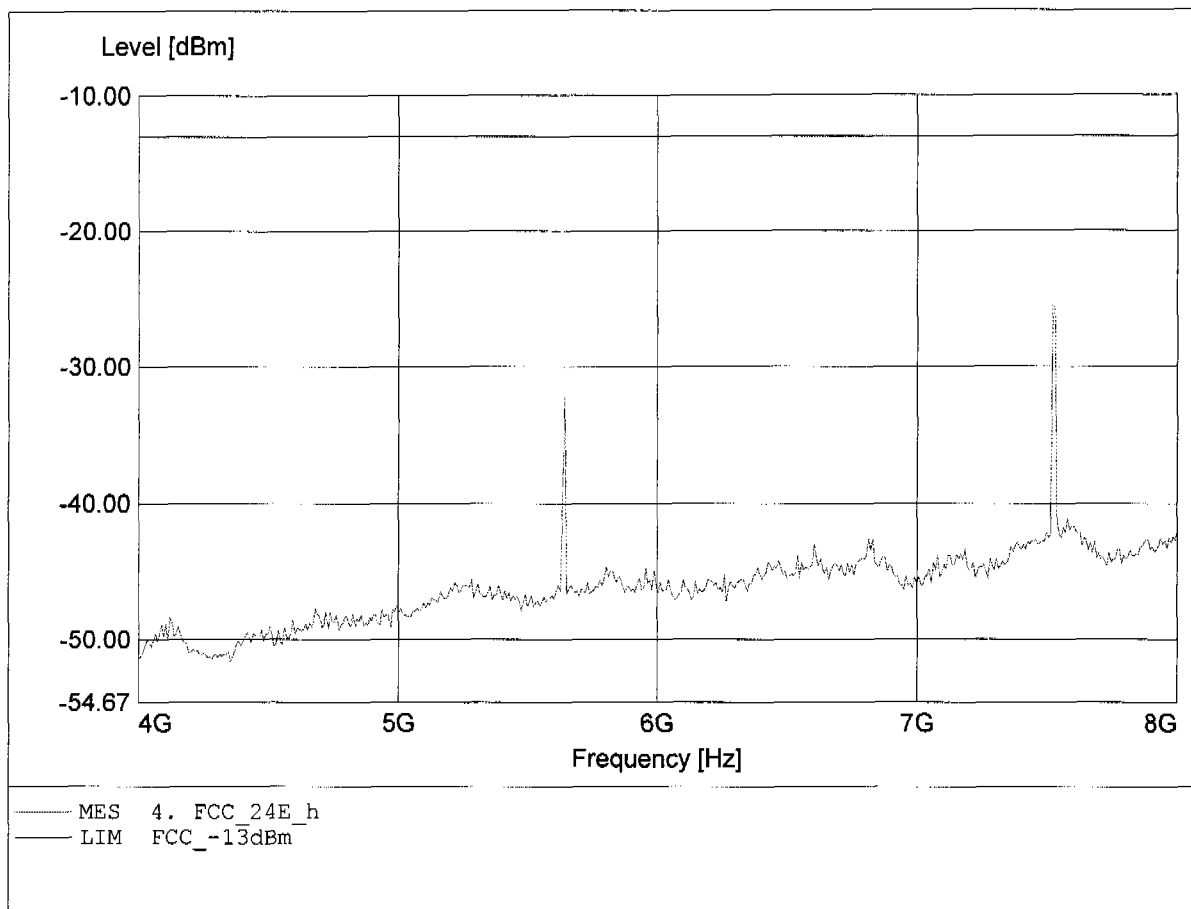
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.762GHz, Pmax: -29.25dBm, RBW: 1MHz/3kHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

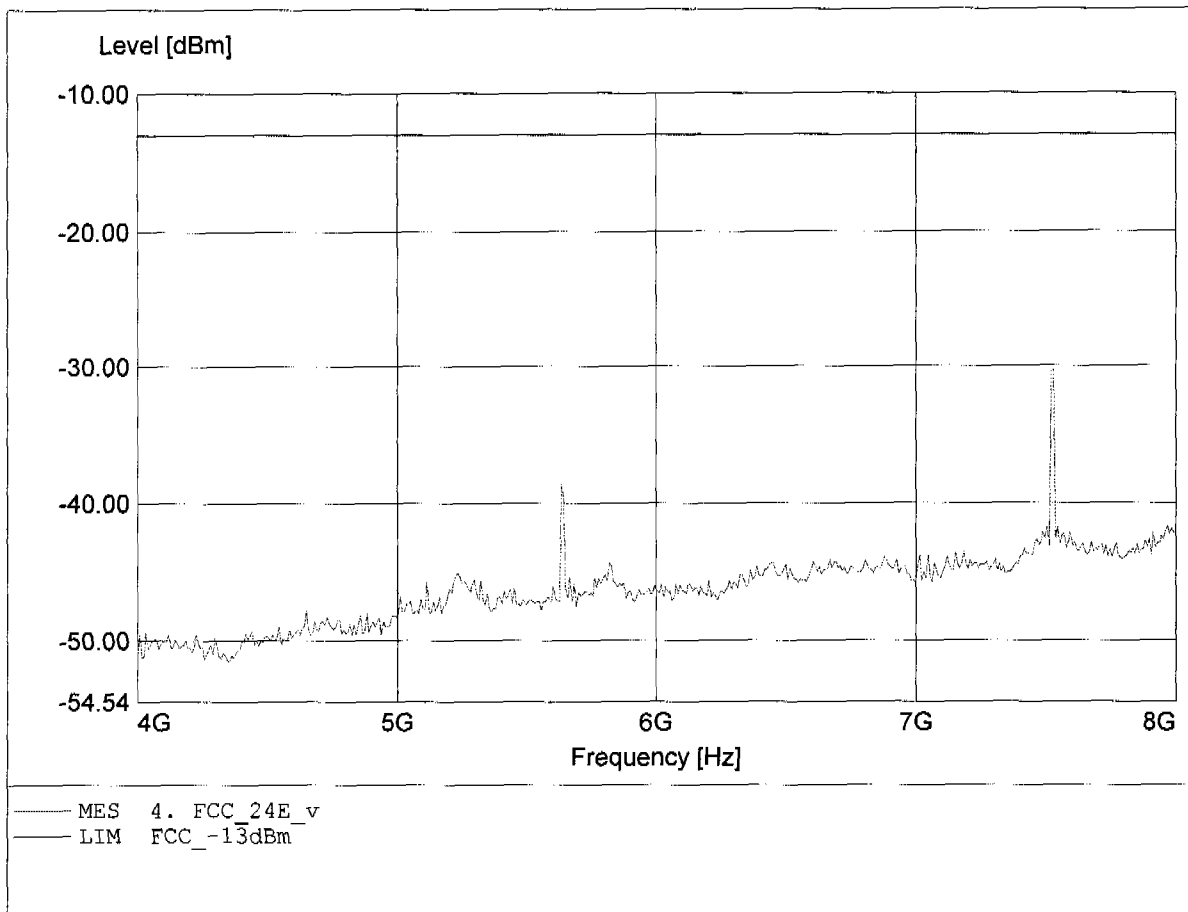
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.519GHz, Pmax: -25.43dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

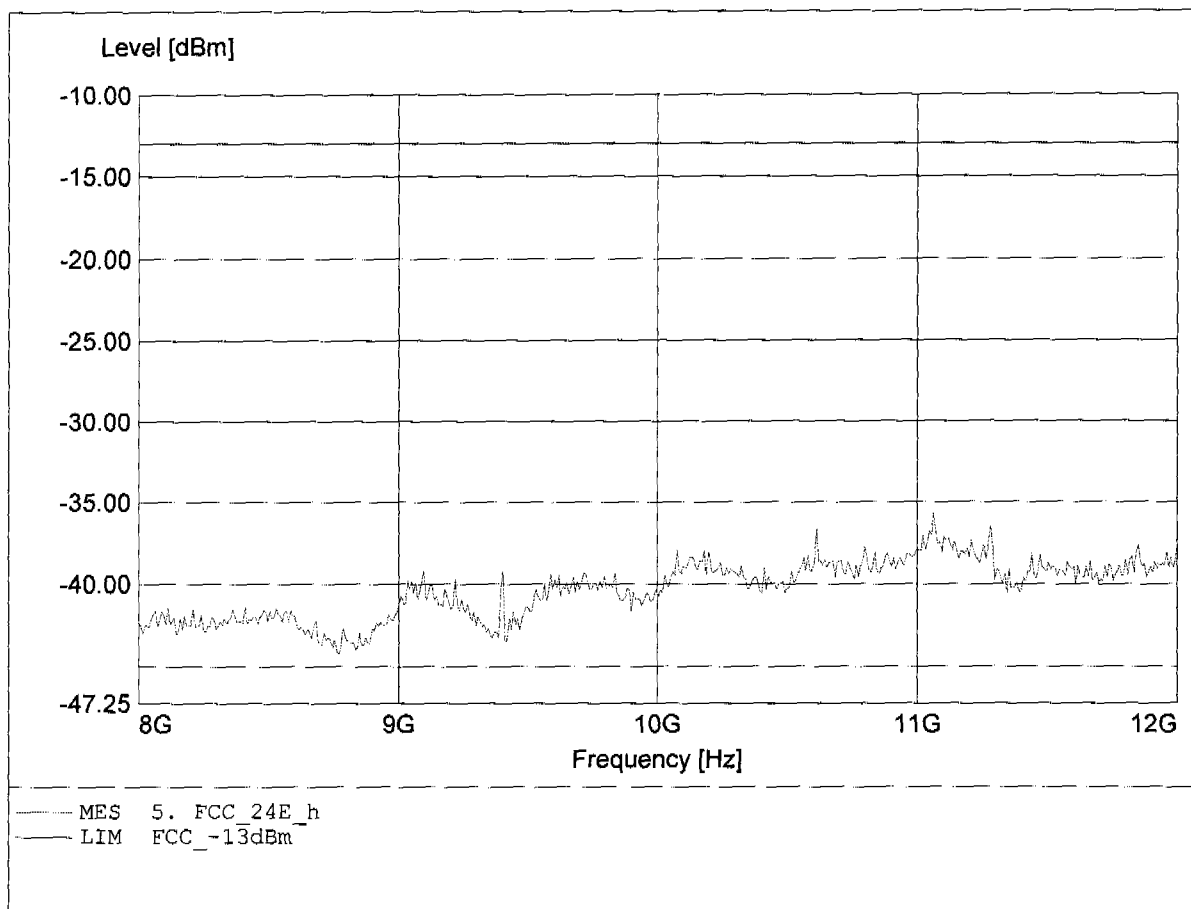
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.519GHz, Pmax: -30.26dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

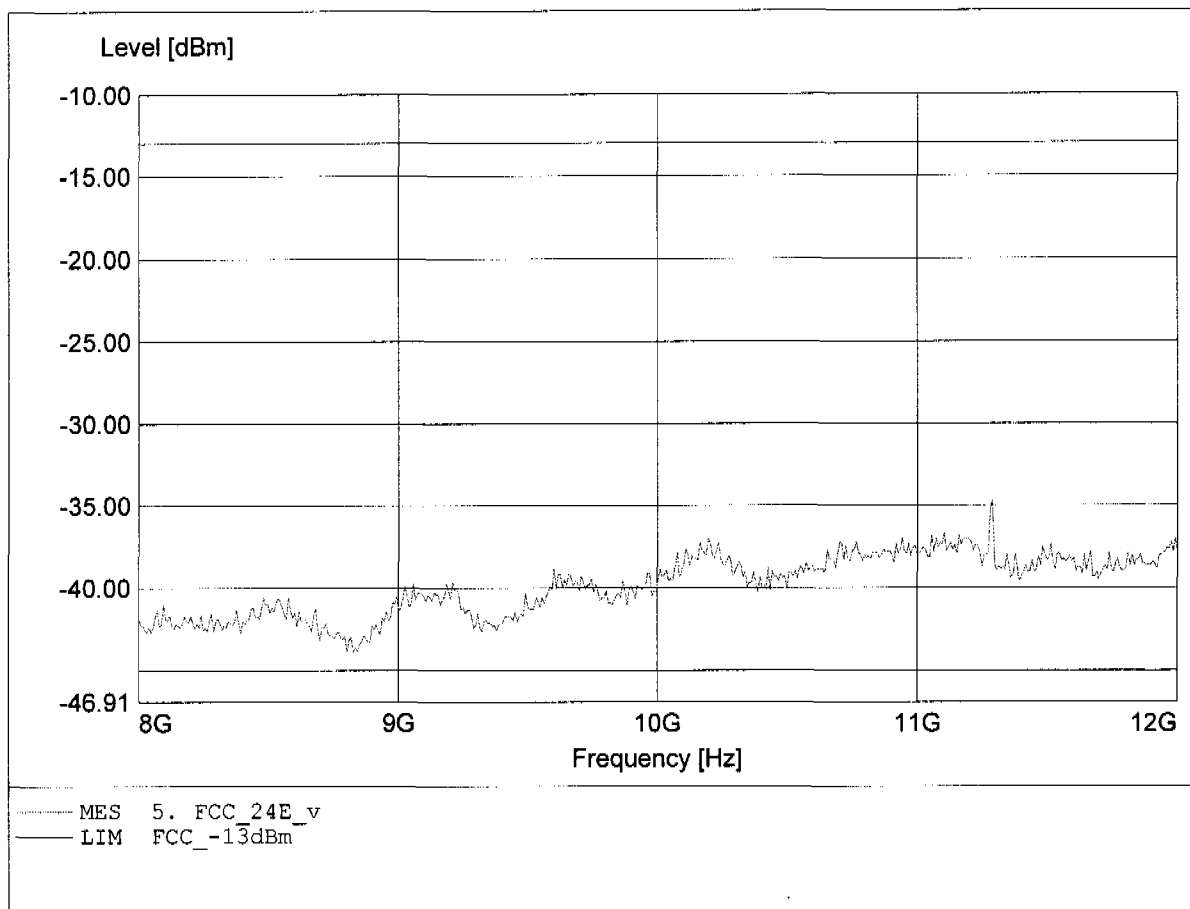
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.062GHz, Pmax: -35.65dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

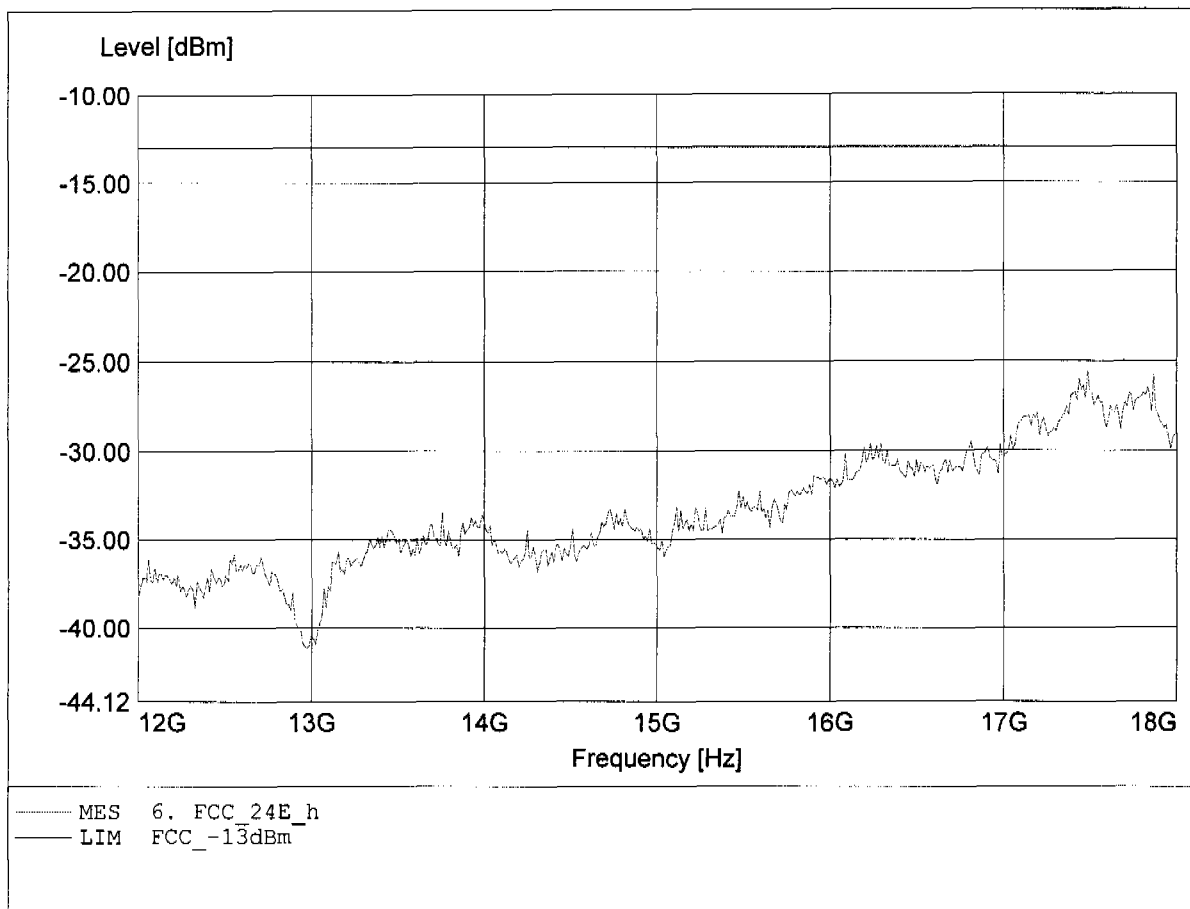
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.287GHz, Pmax: -34.70dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

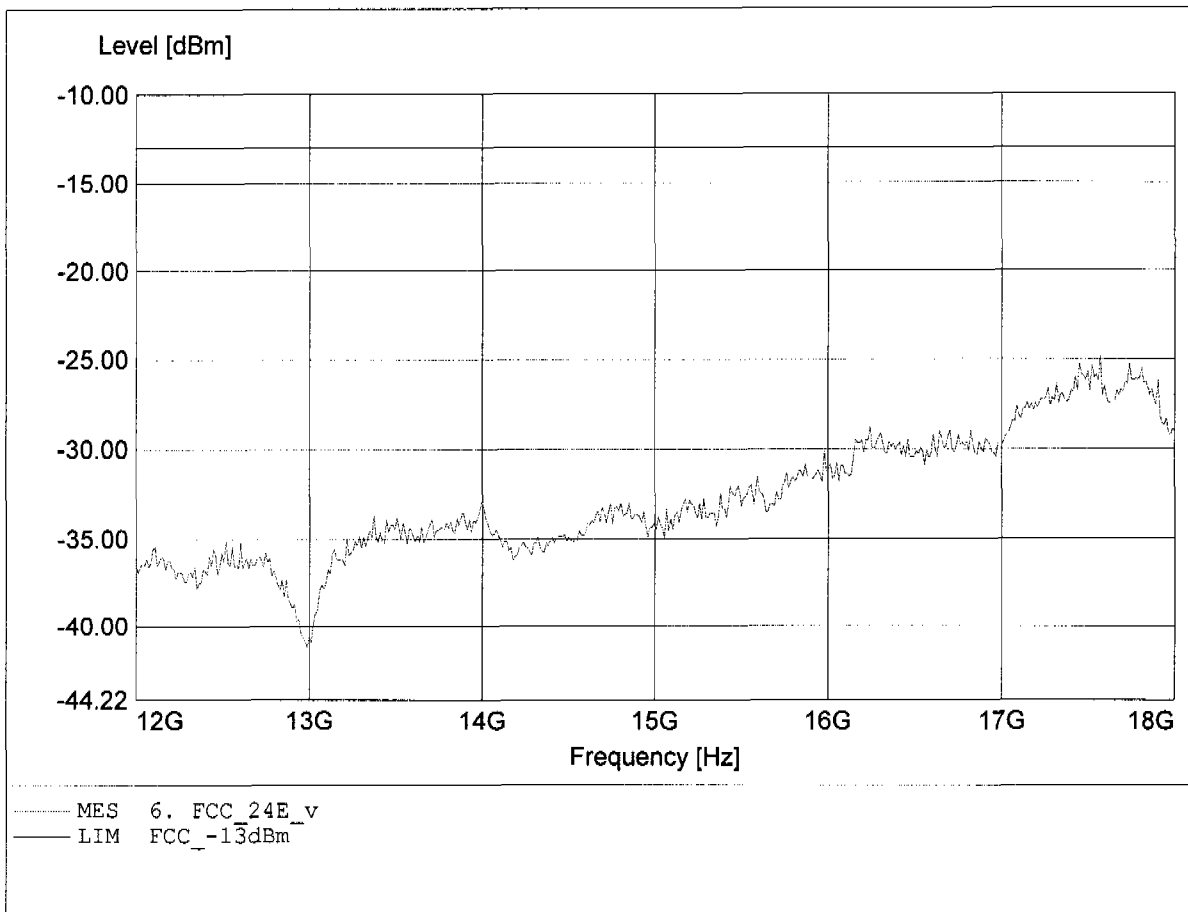
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.483GHz, Pmax: -25.56dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

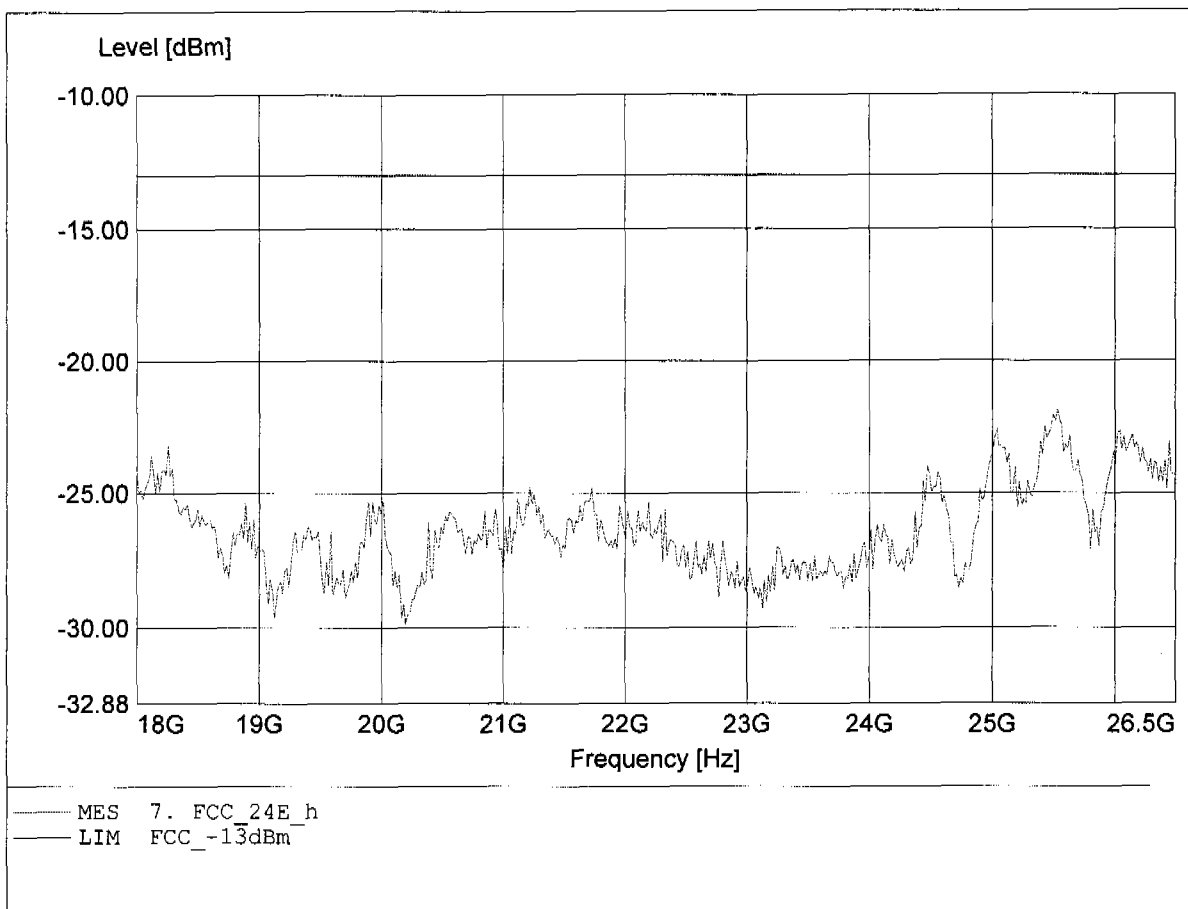
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.567GHz, Pmax: -24.80dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

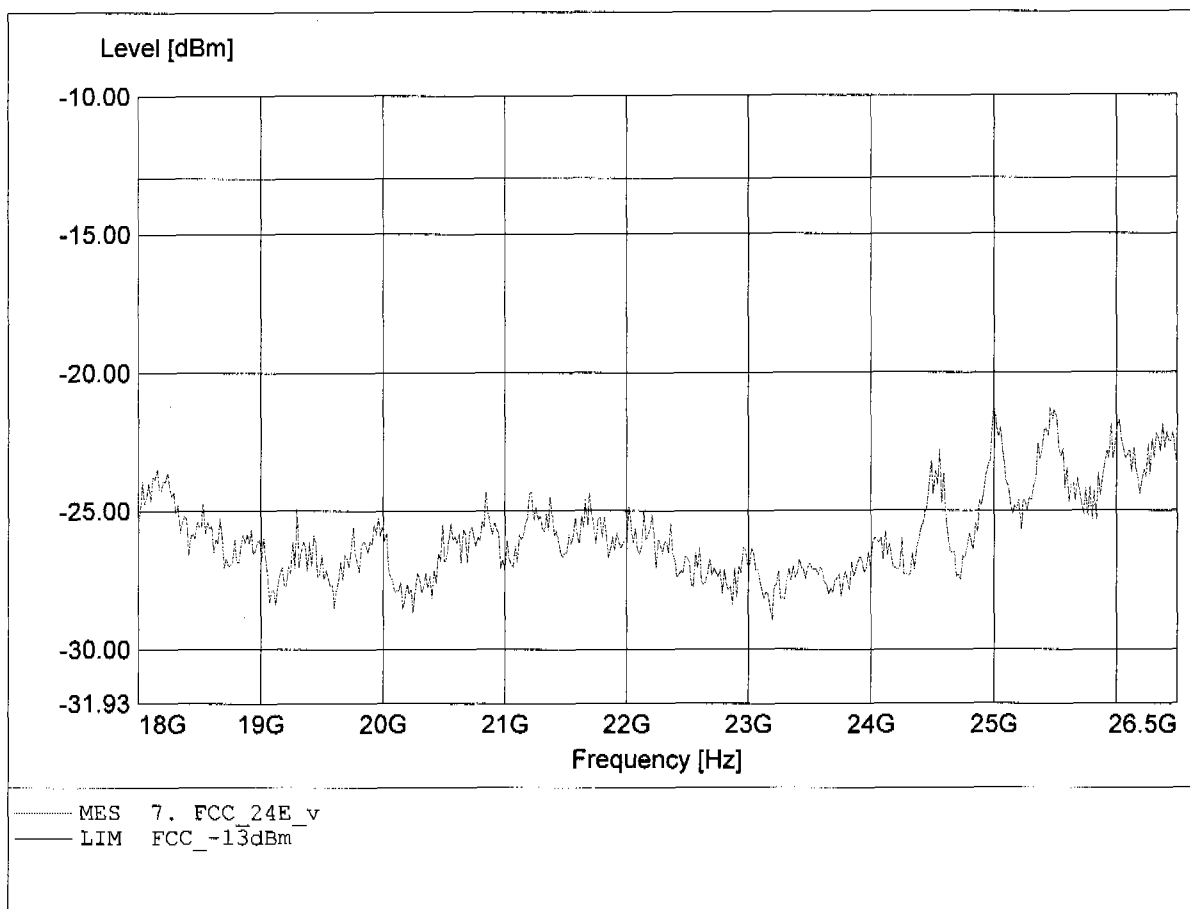
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.529GHz, Pmax: -21.85dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

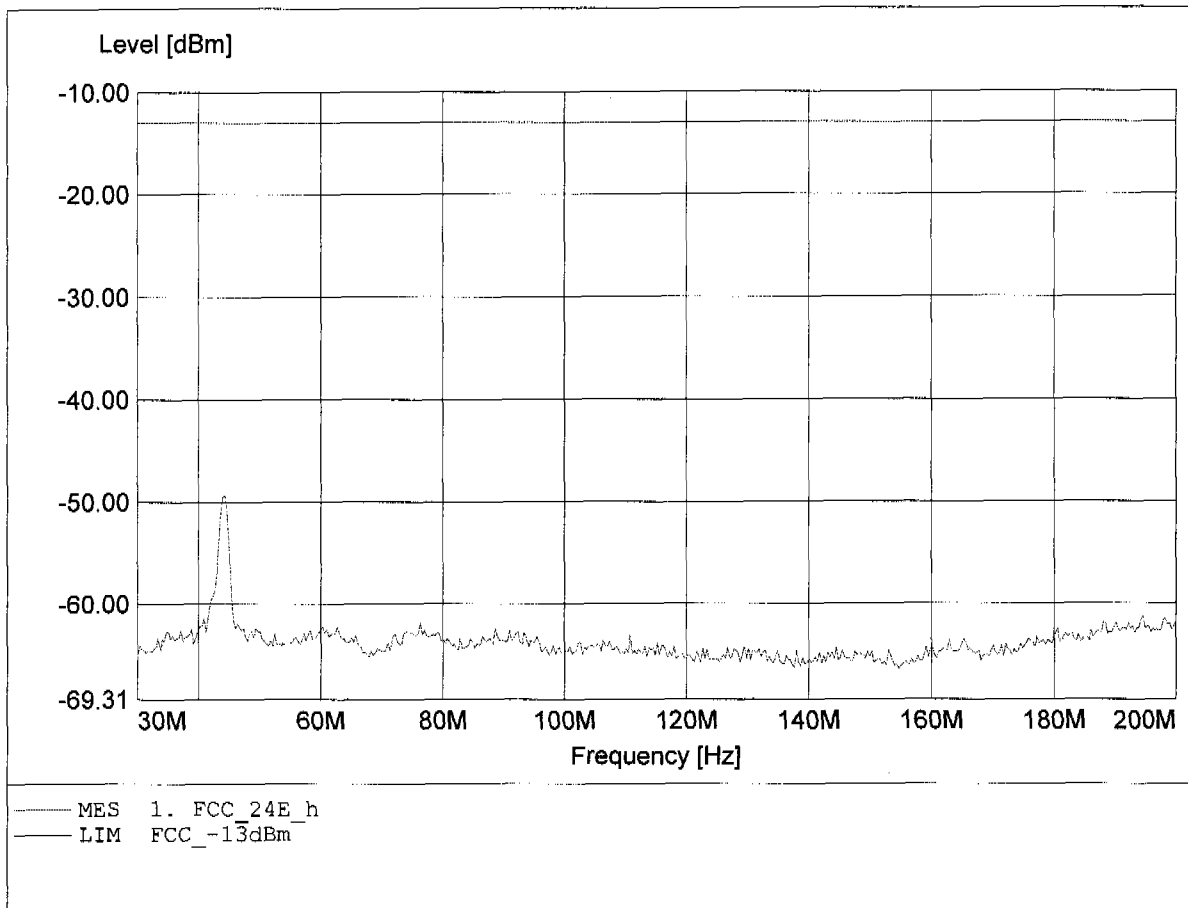
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 661
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.001GHz, Pmax: -21.18dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

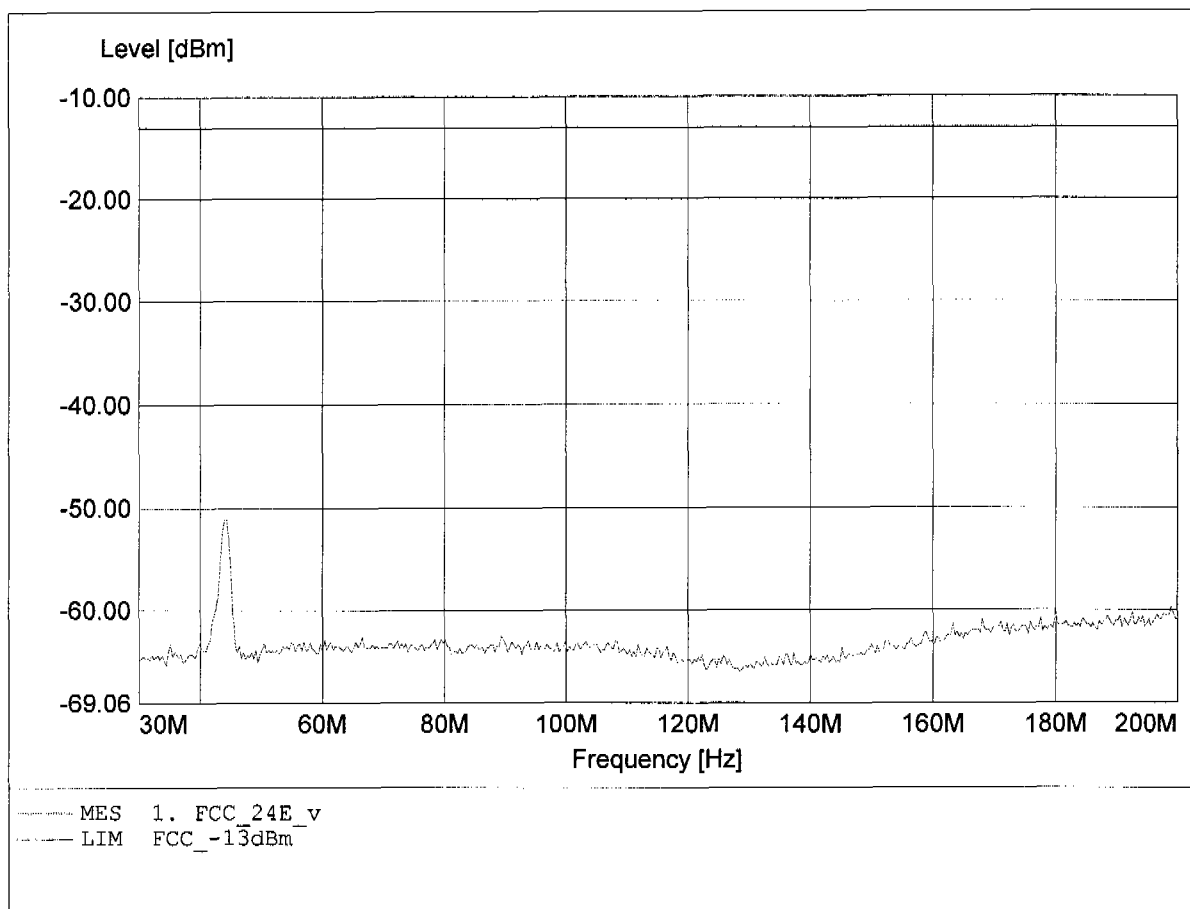
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.968MHz, Pmax: -49.32dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

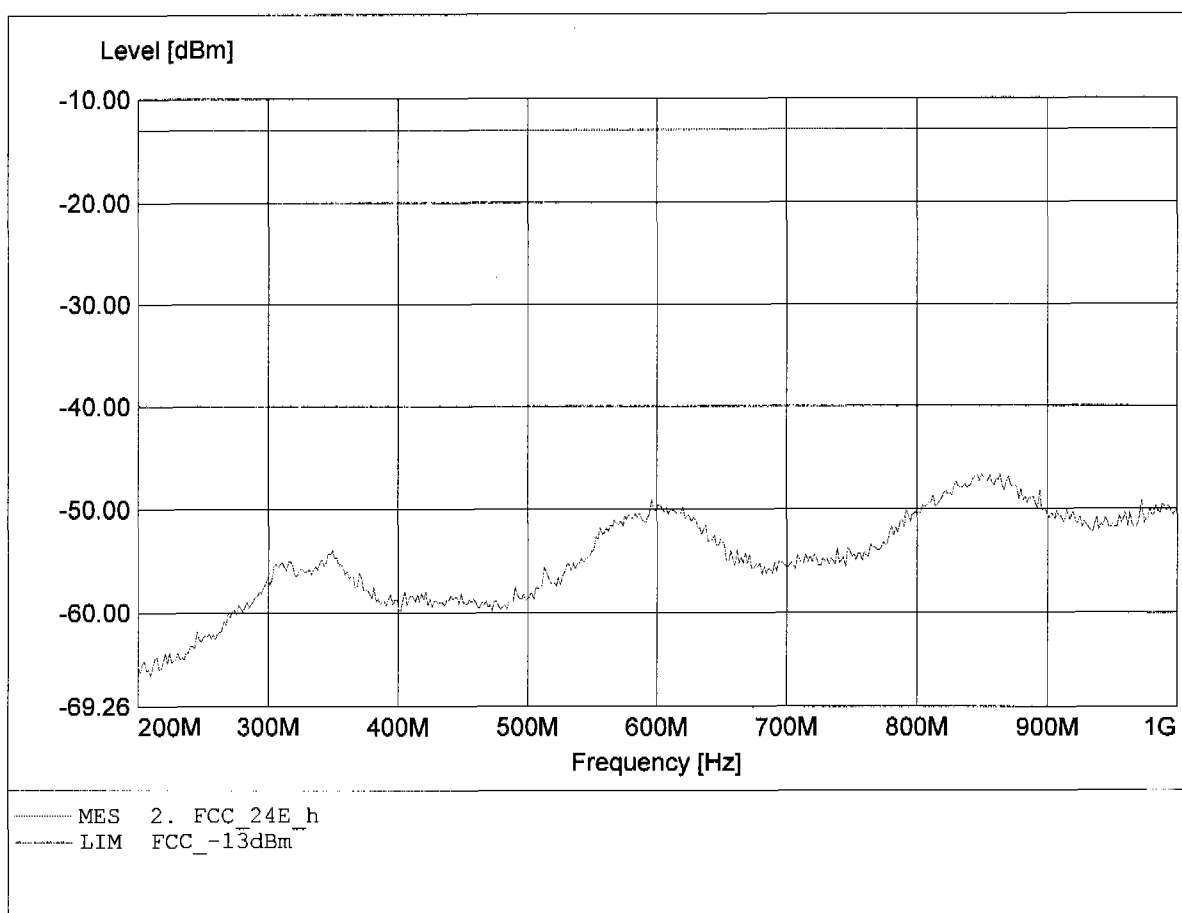
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.309MHz, Pmax: -51.10dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

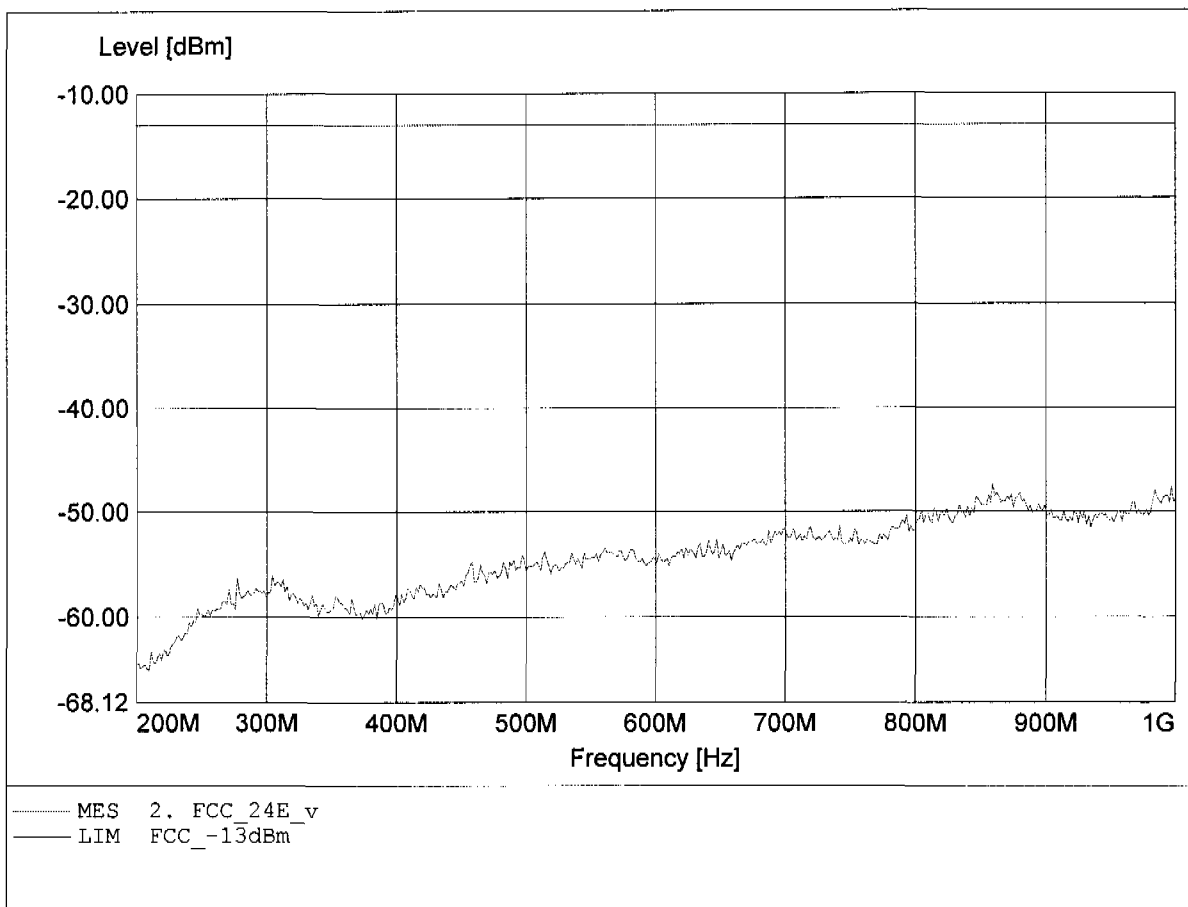
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 849.299MHz, Pmax: -46.67dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

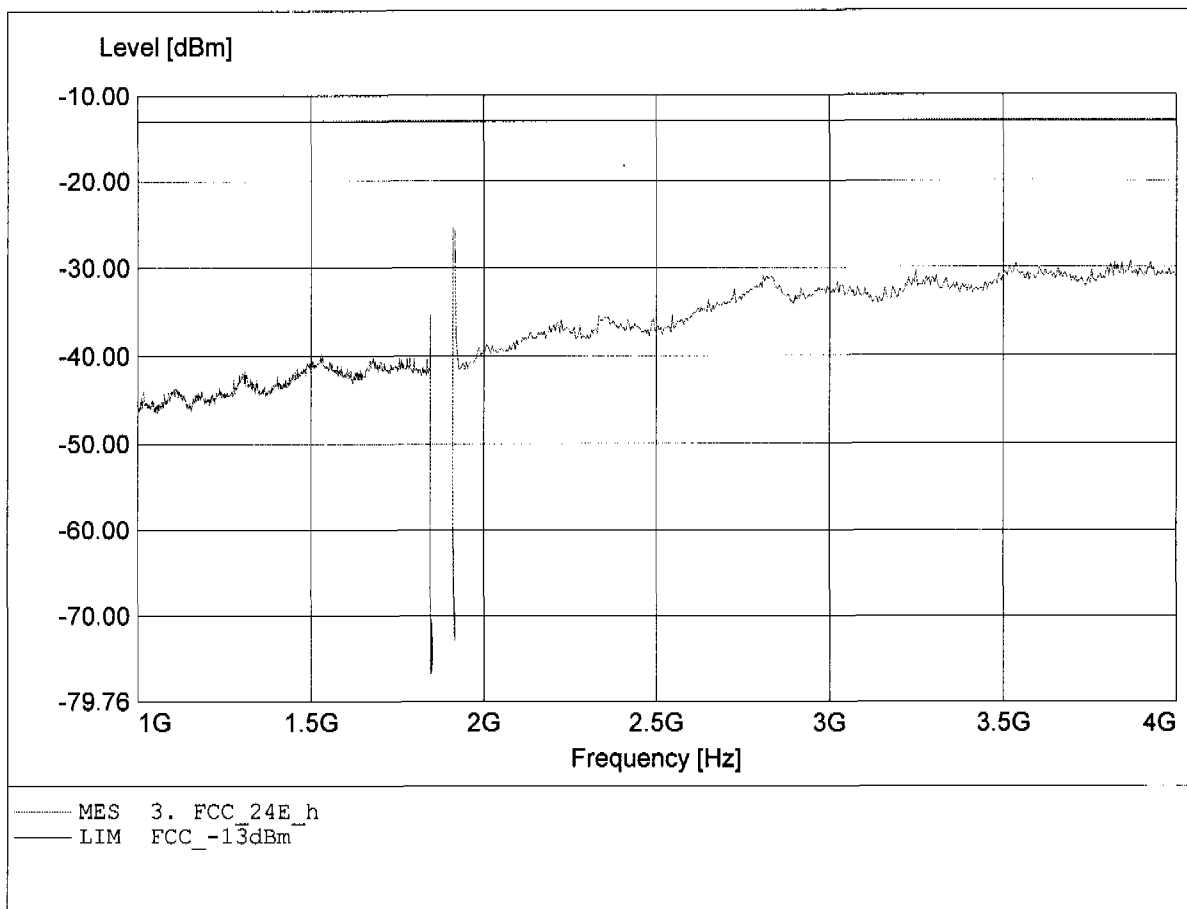
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 858.918MHz, Pmax: -47.29dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

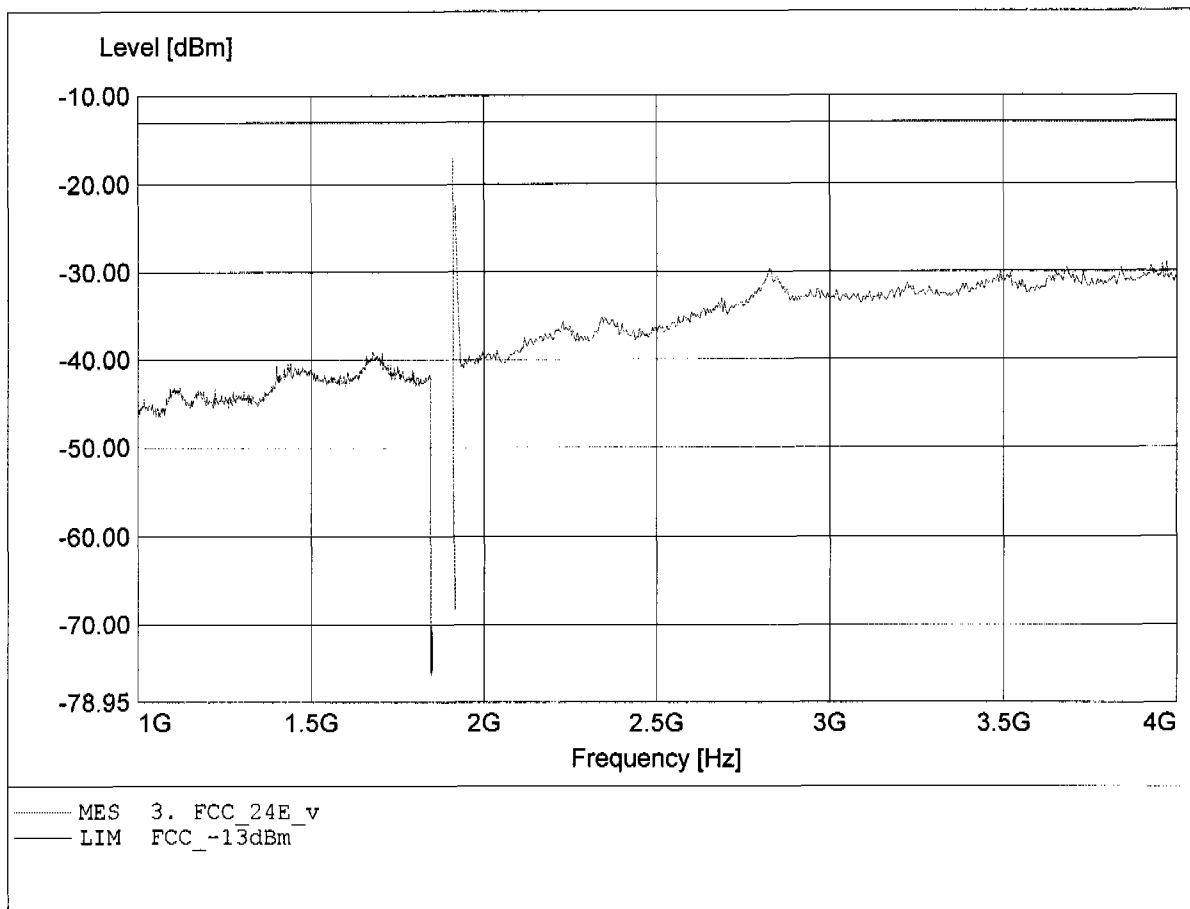
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -25.31dBm, RBW: 1MHz/3kHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

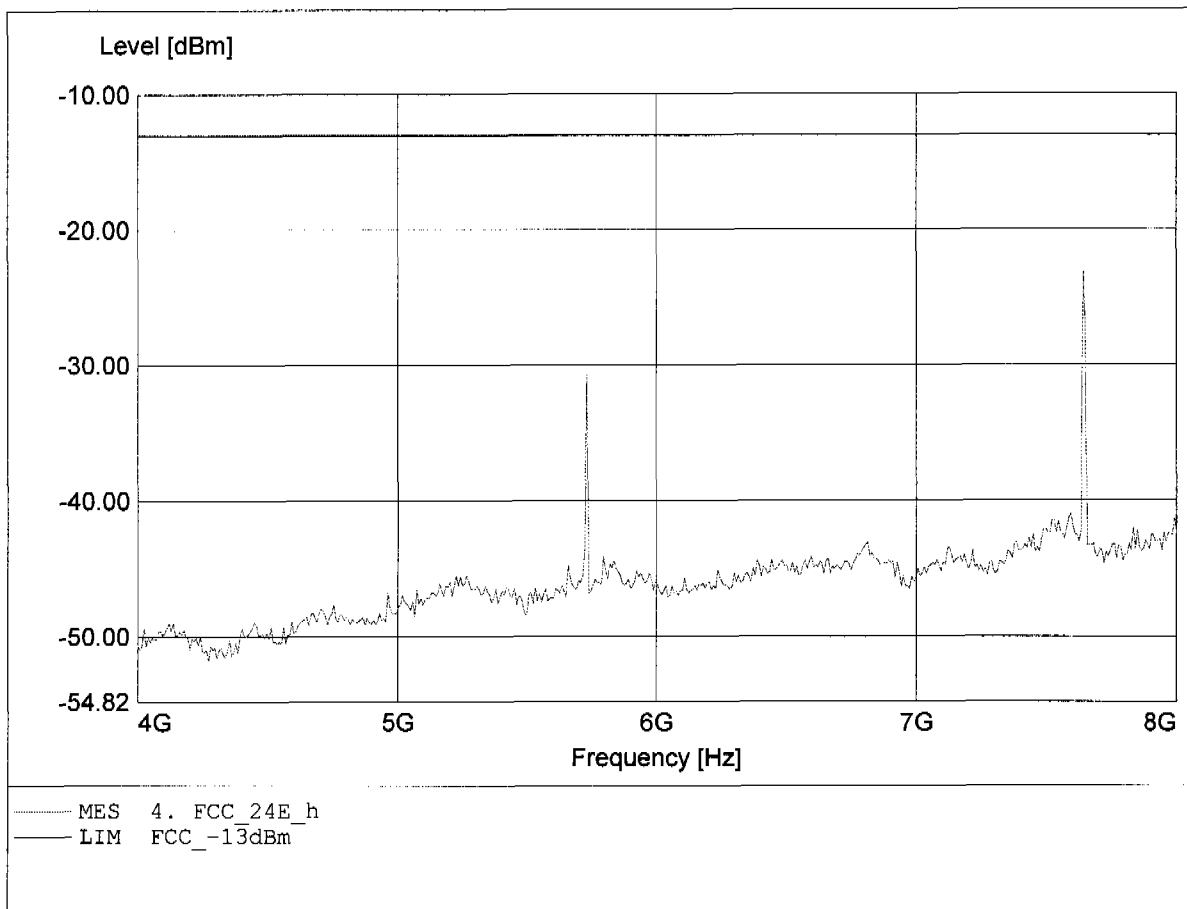
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -17.17dBm, RBW: 1MHz/3kHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

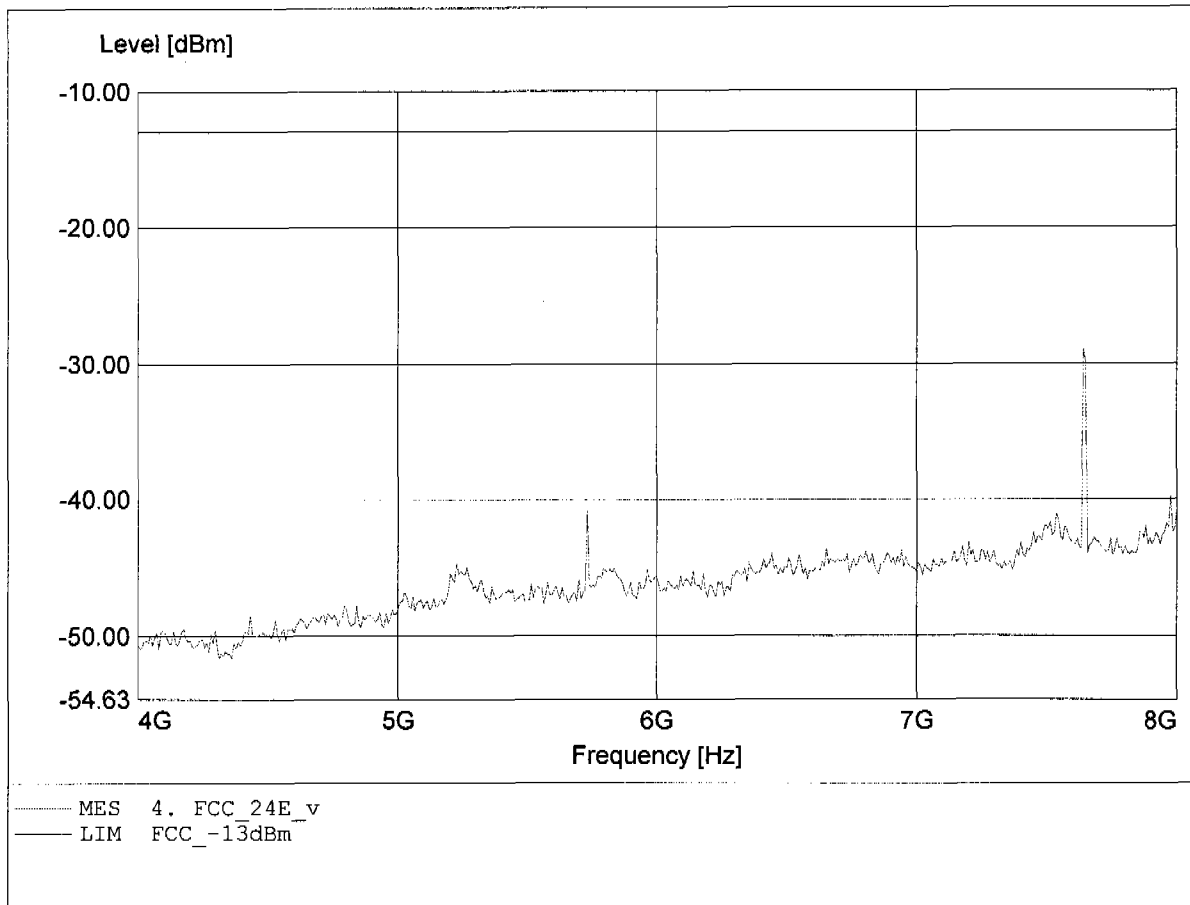
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.639GHz, Pmax: -23.12dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

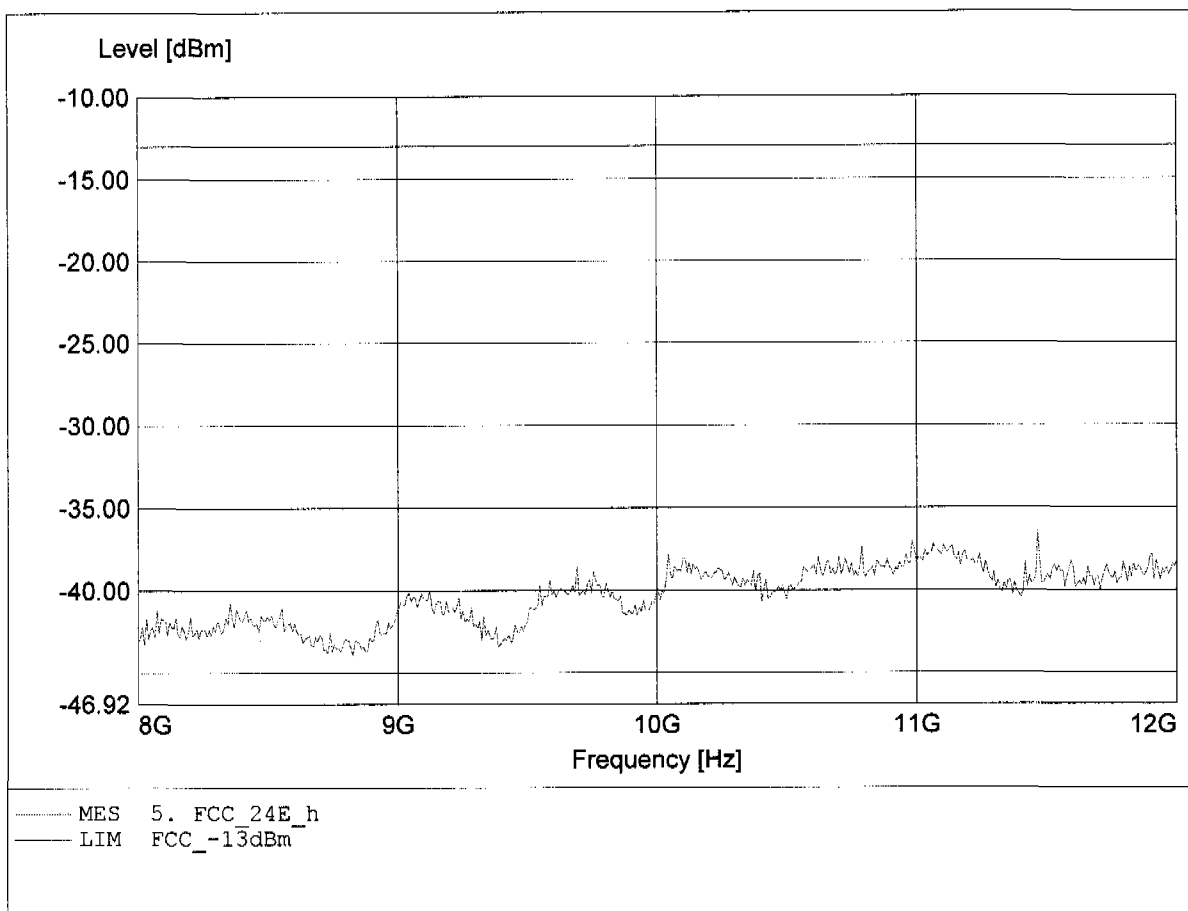
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.639GHz, Pmax: -28.96dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

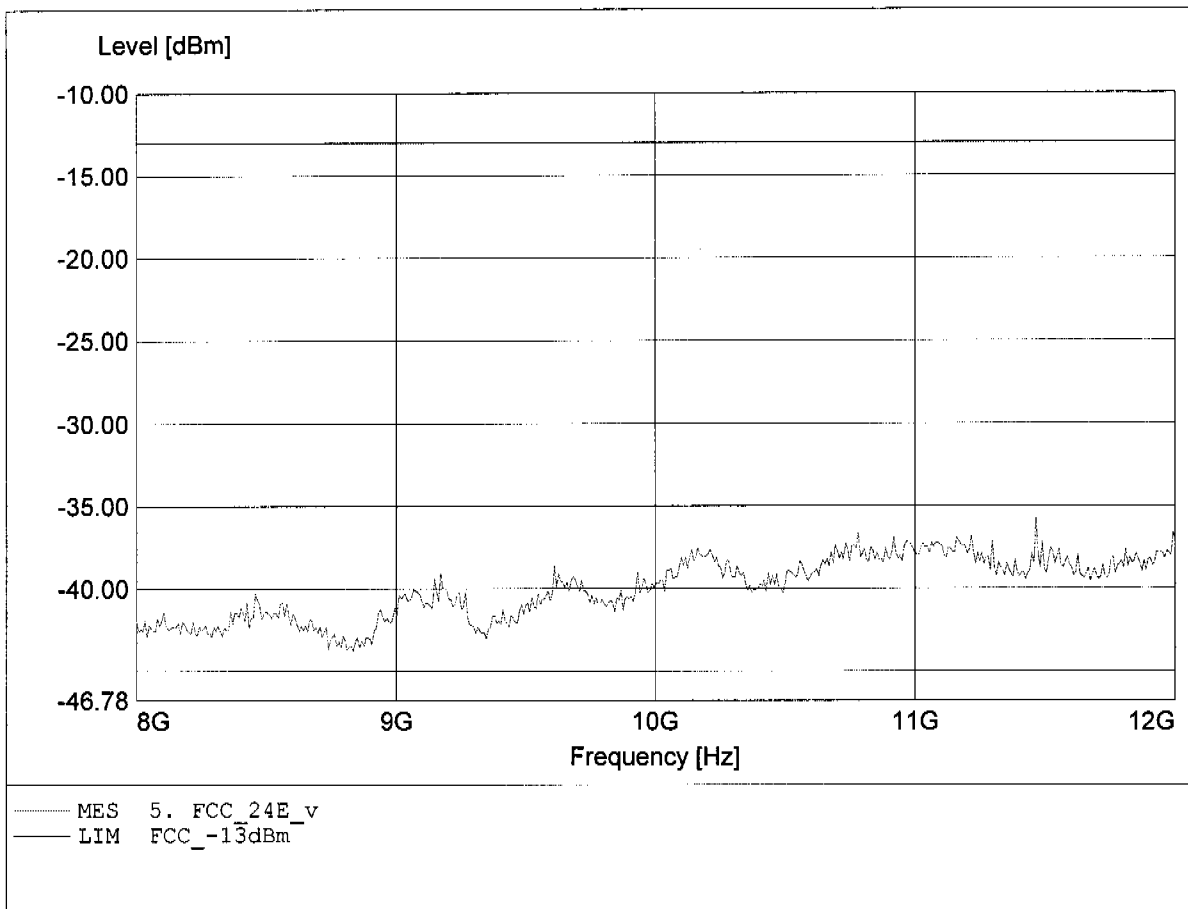
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.463GHz, Pmax: -36.45dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

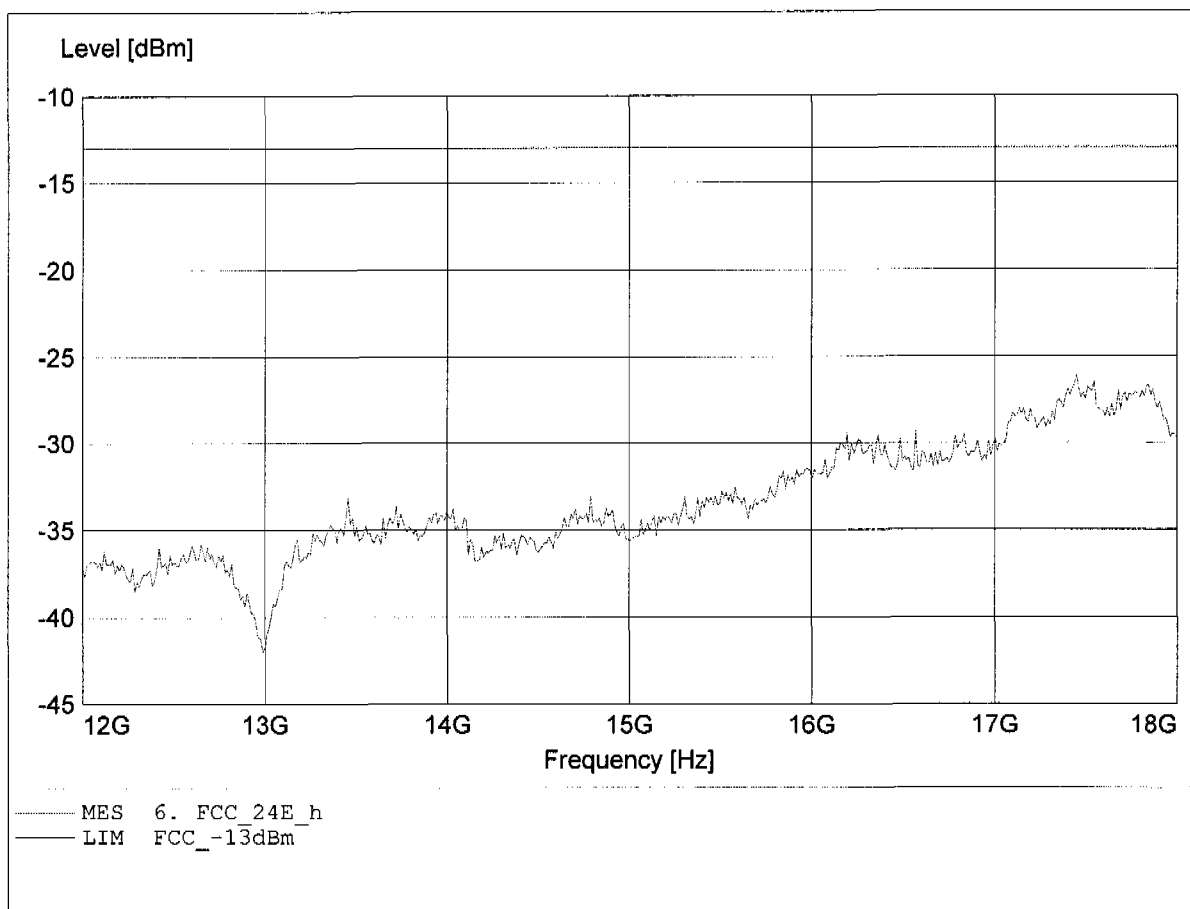
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.463GHz, Pmax: -35.74dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

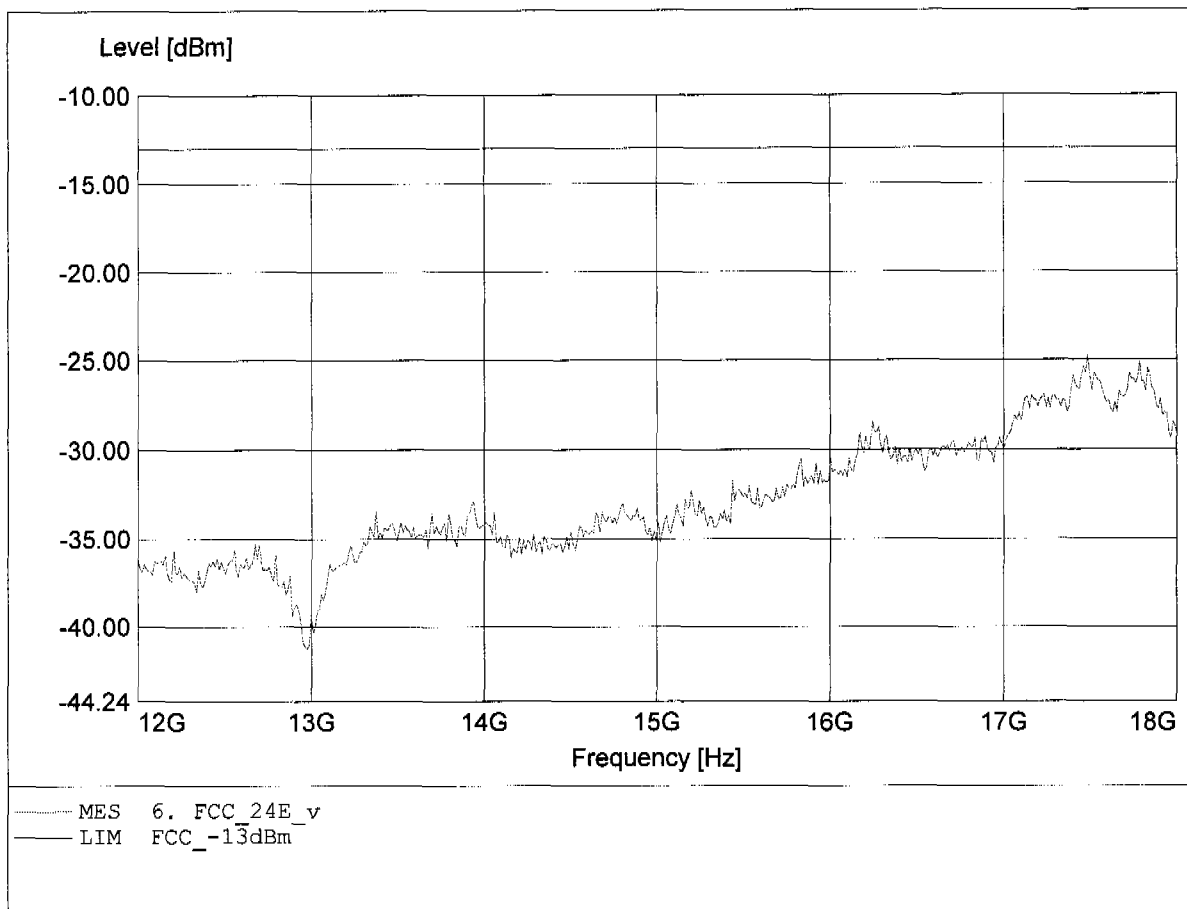
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.447GHz, Pmax: -26.10dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

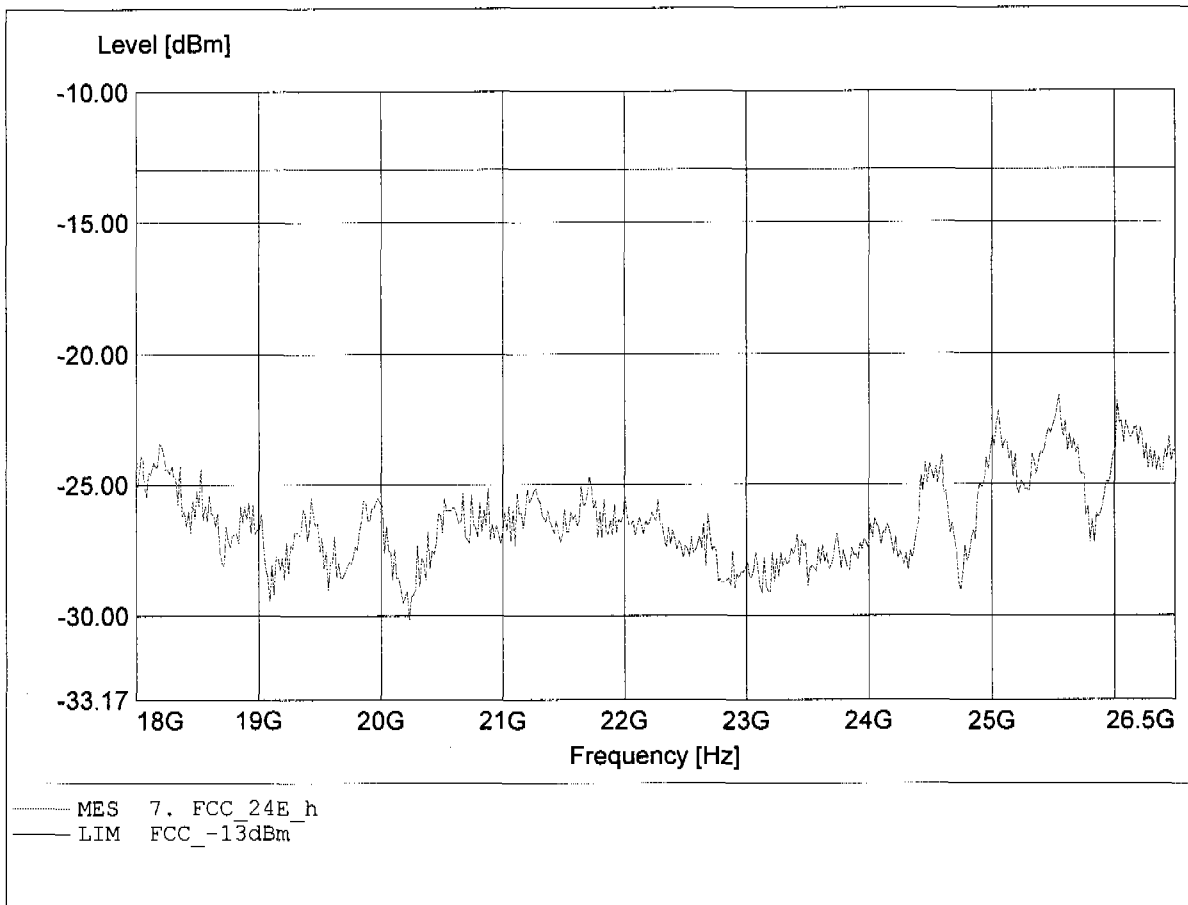
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.483GHz, Pmax: -24.75dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

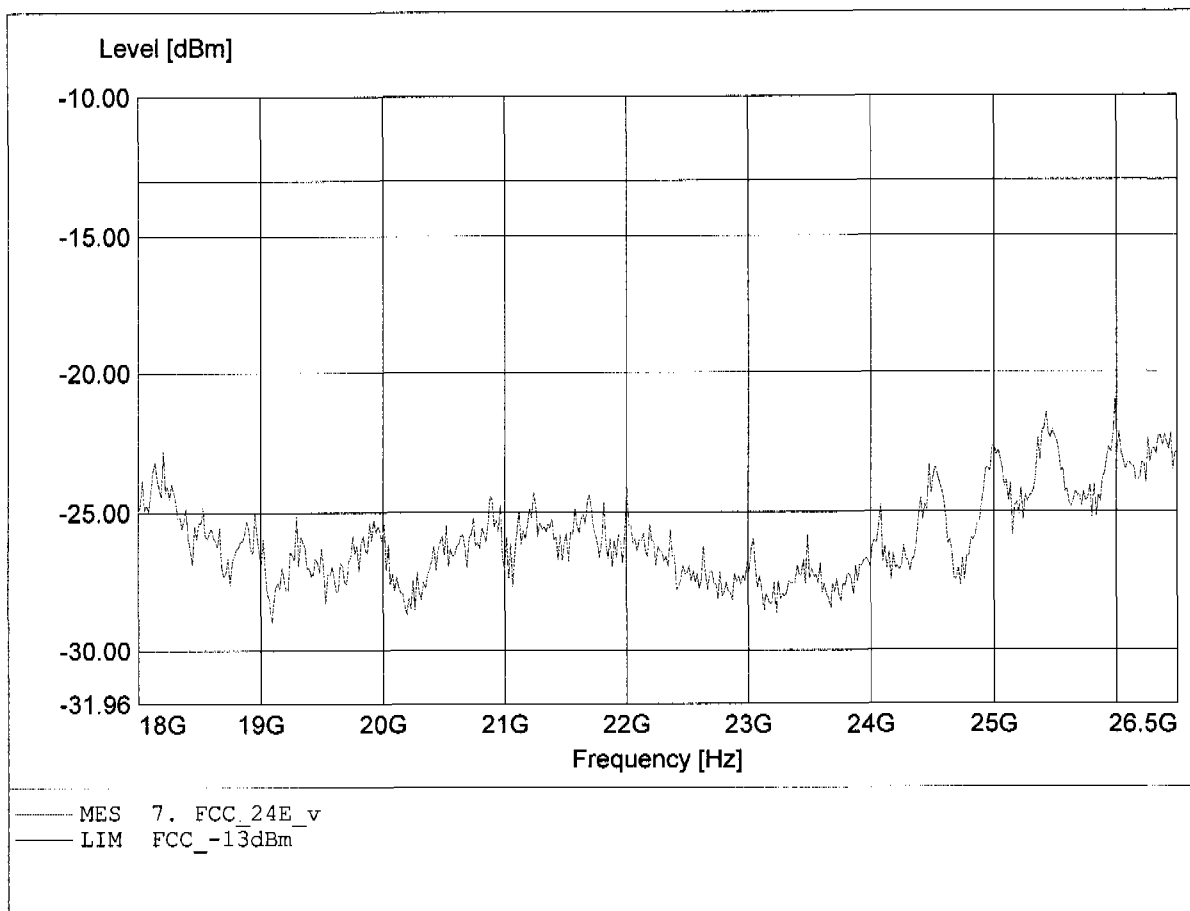
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.546GHz, Pmax: -21.60dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 24 SUBPART E

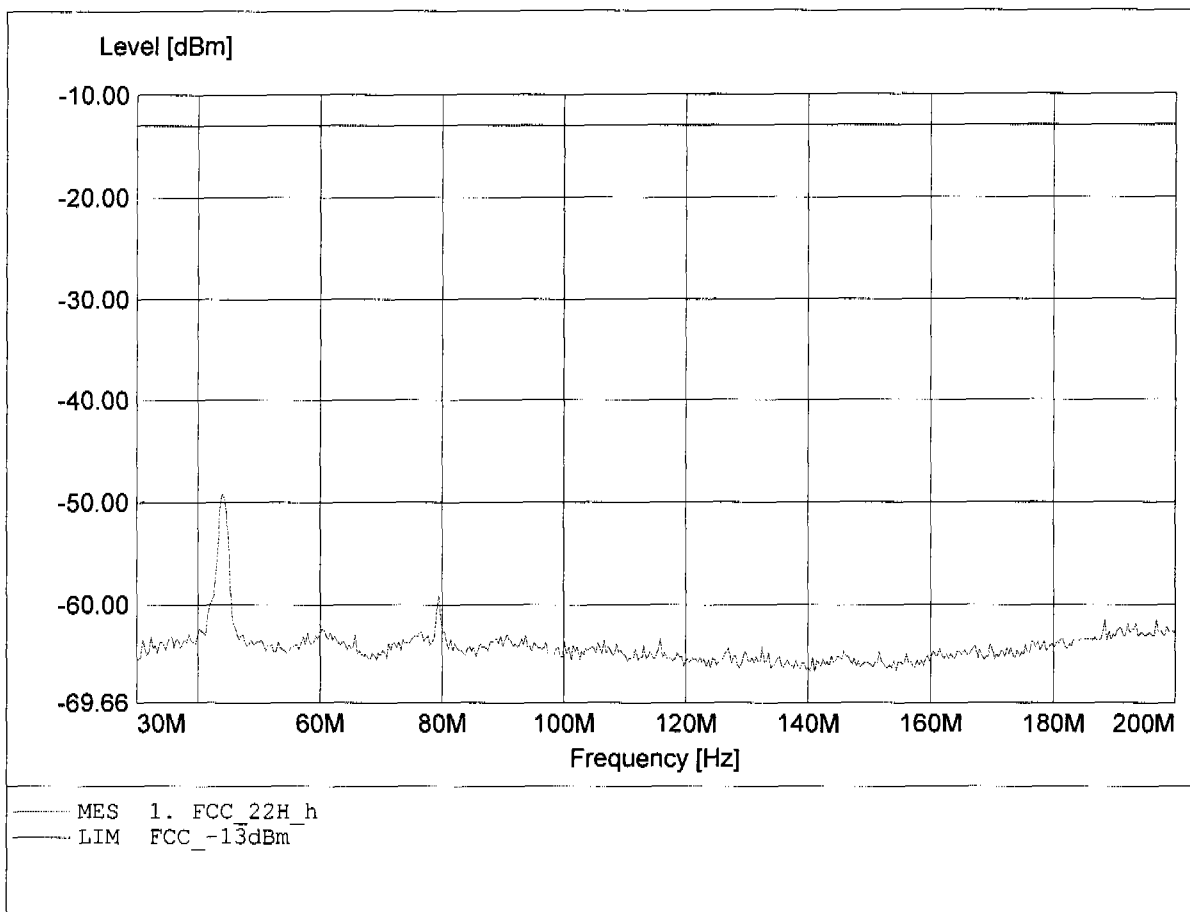
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 810
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Pmax: -20.99dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

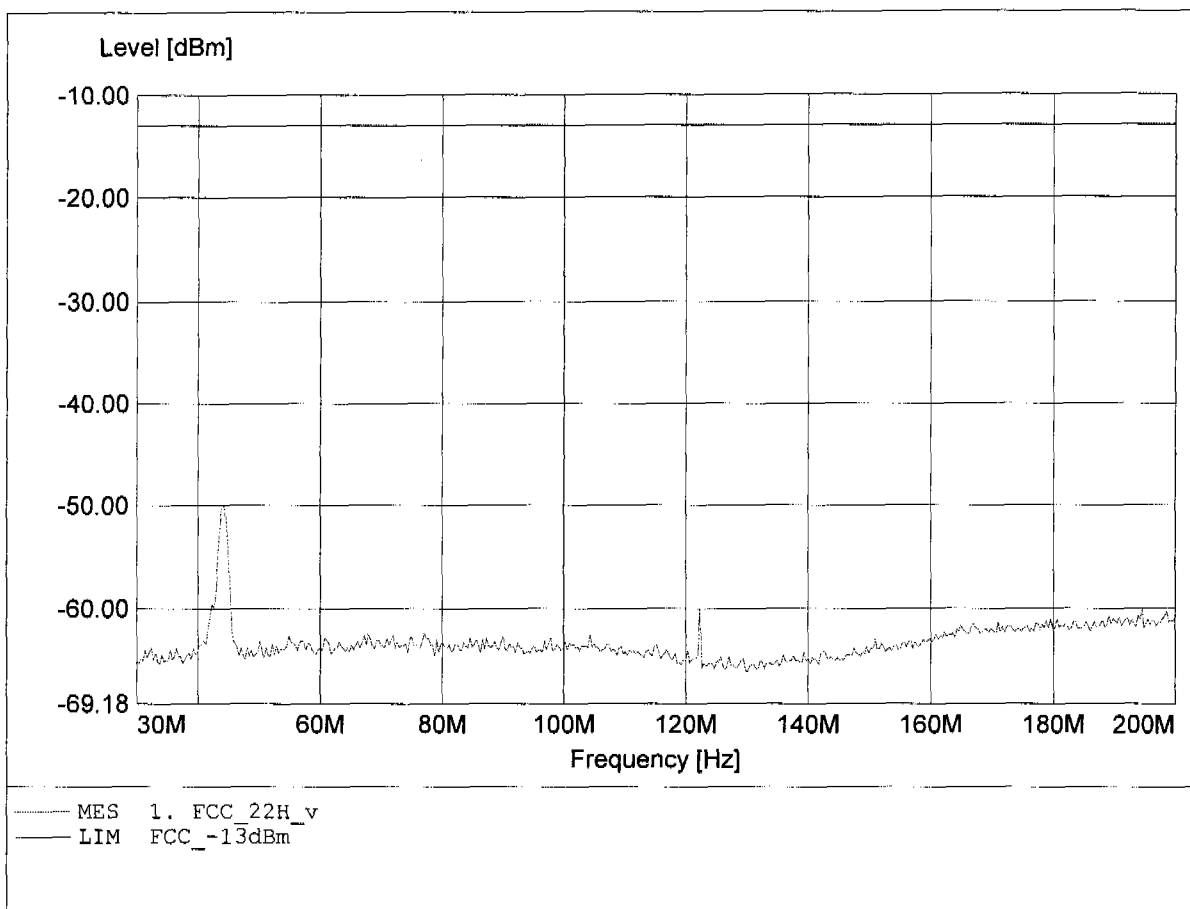
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.968MHz, Pmax: -49.11dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

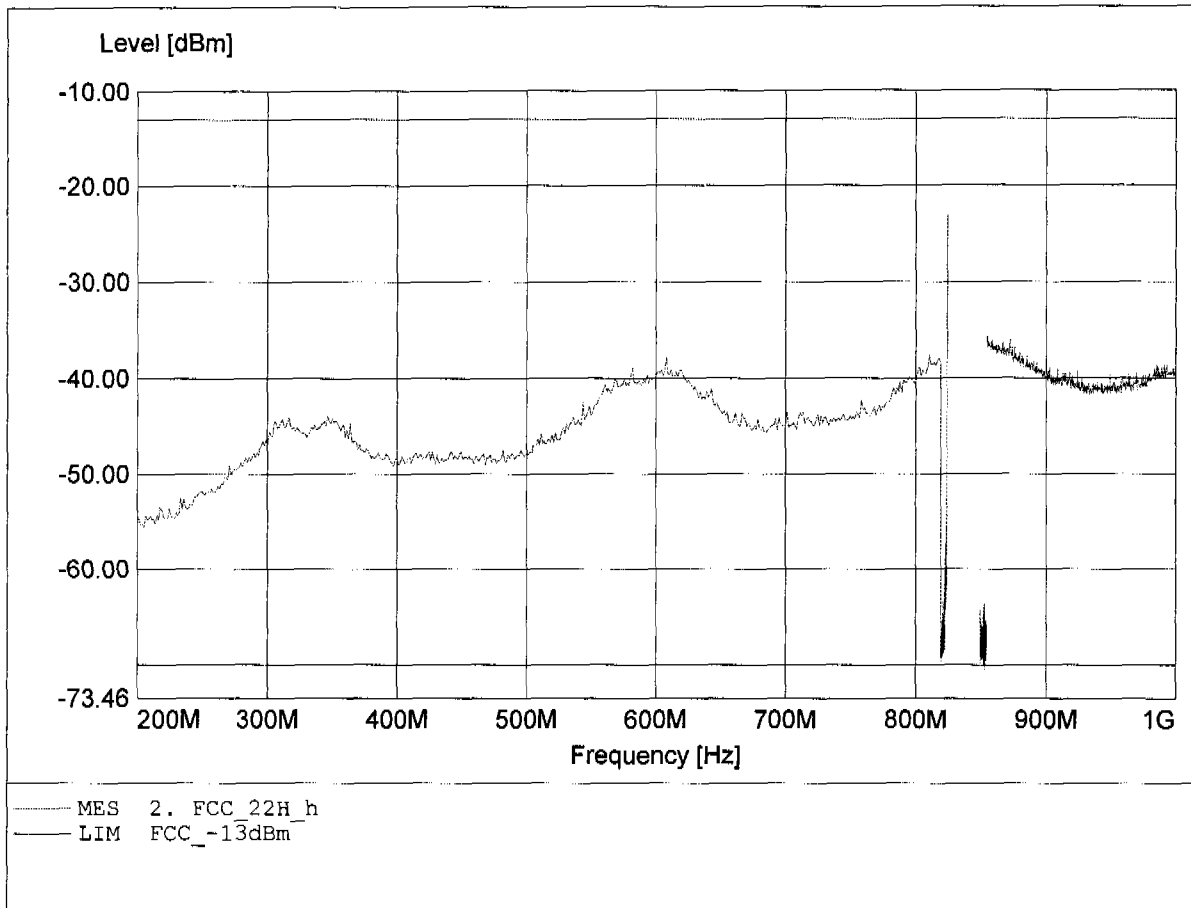
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.968MHz, Pmax: -49.90dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

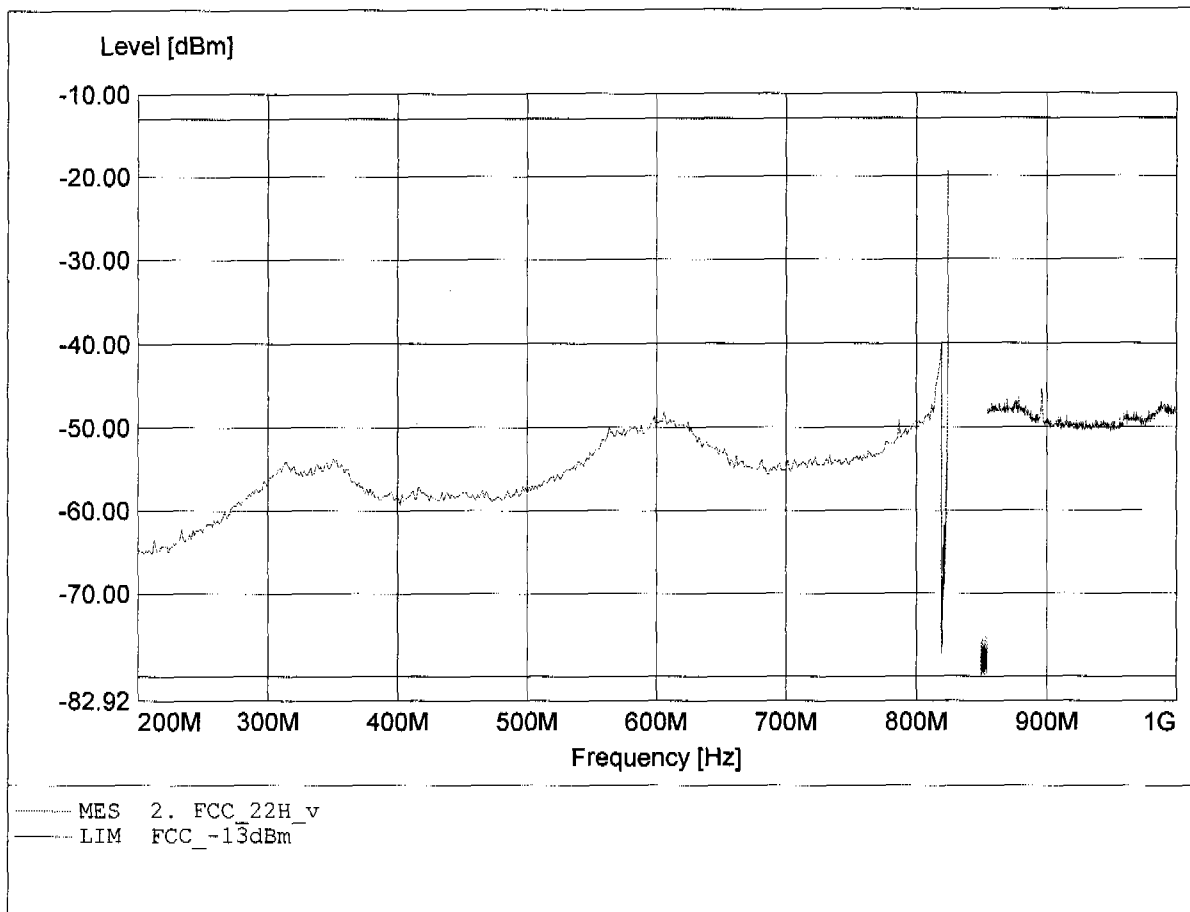
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 824.000MHz, Pmax: -23.15dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

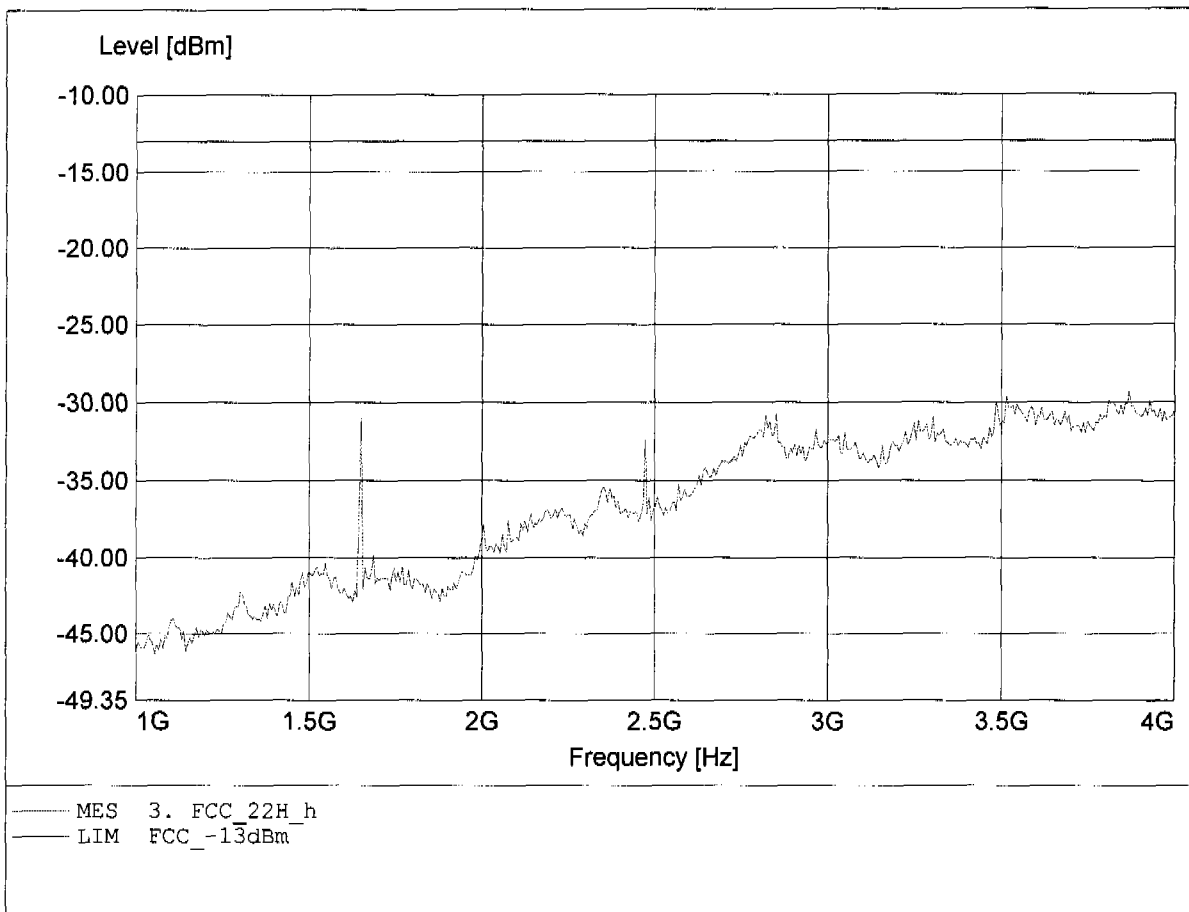
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.990MHz, Pmax: -19.48dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

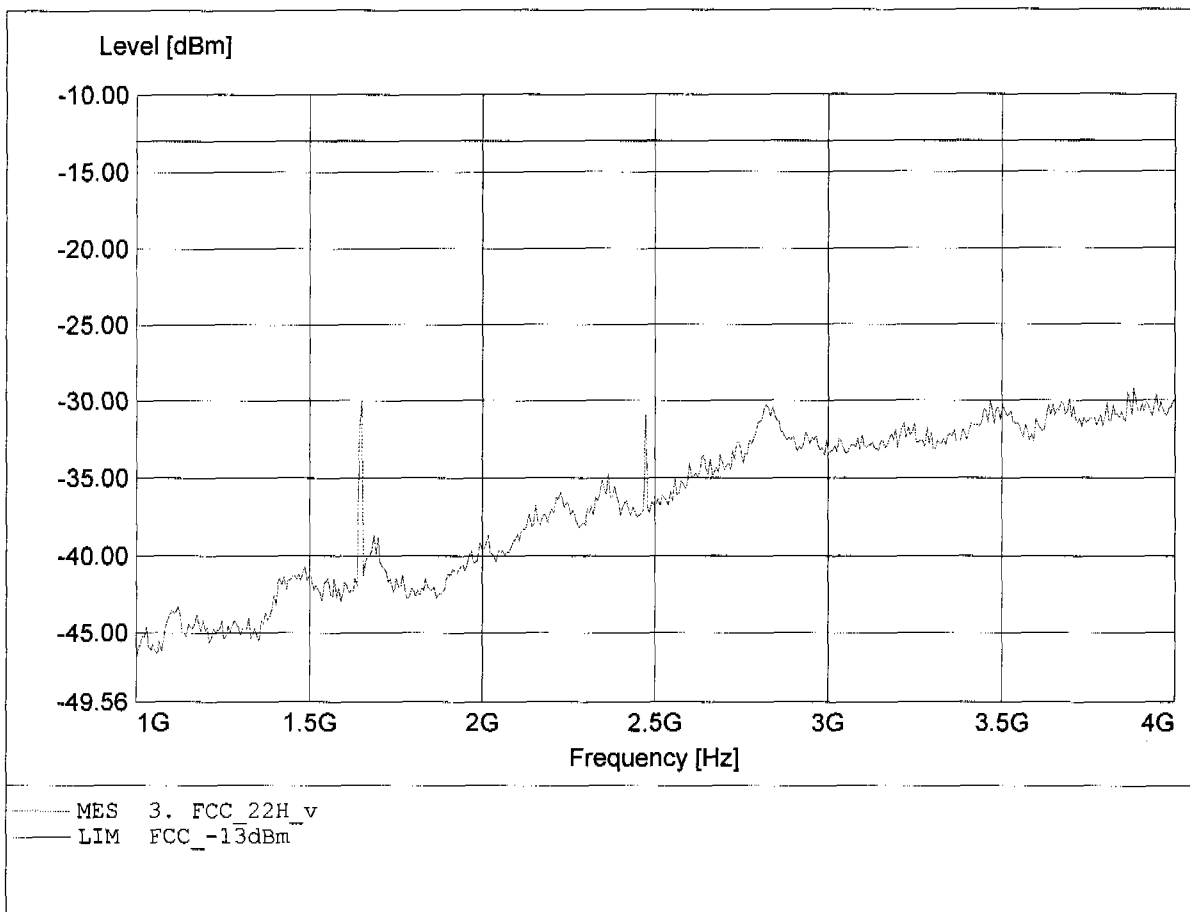
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.868GHz, Pmax: -29.30dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

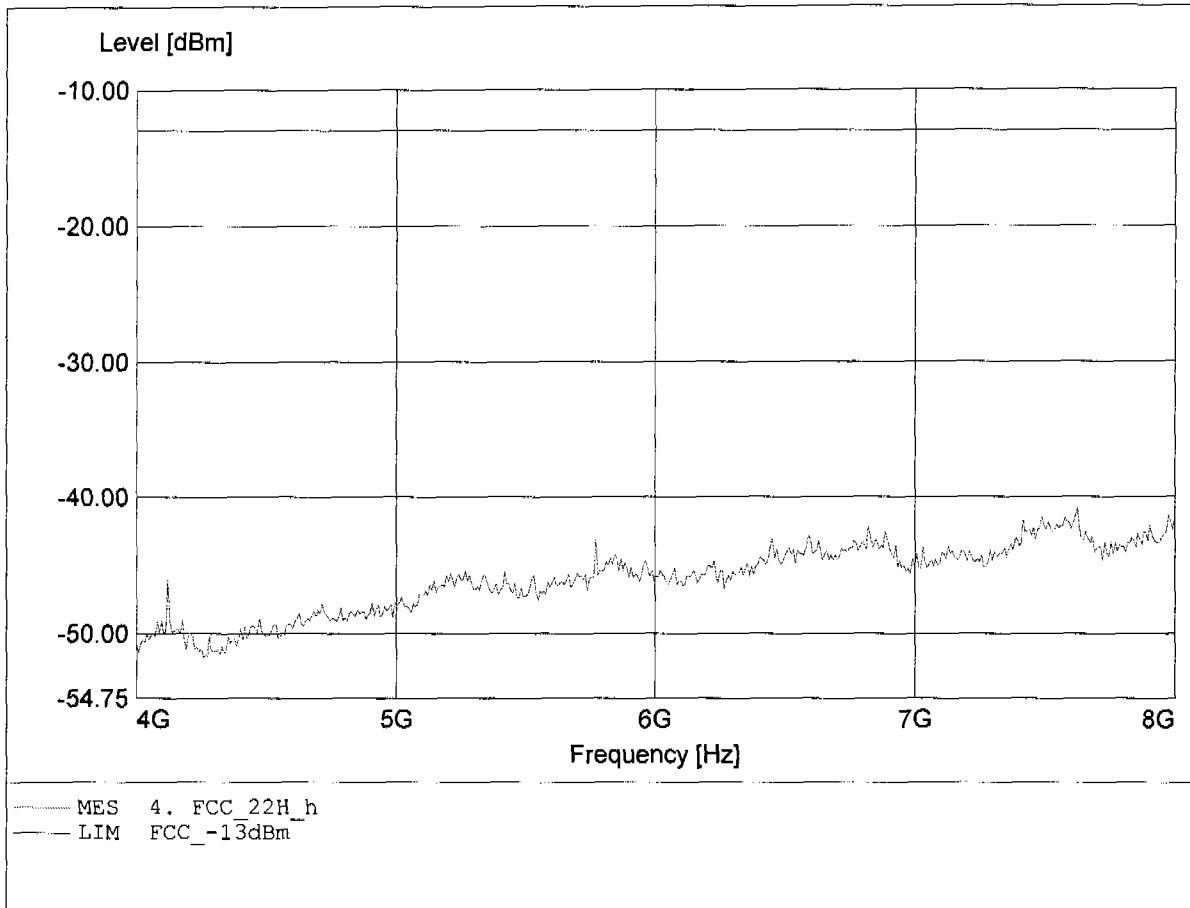
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.880GHz, Pmax: -29.14dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

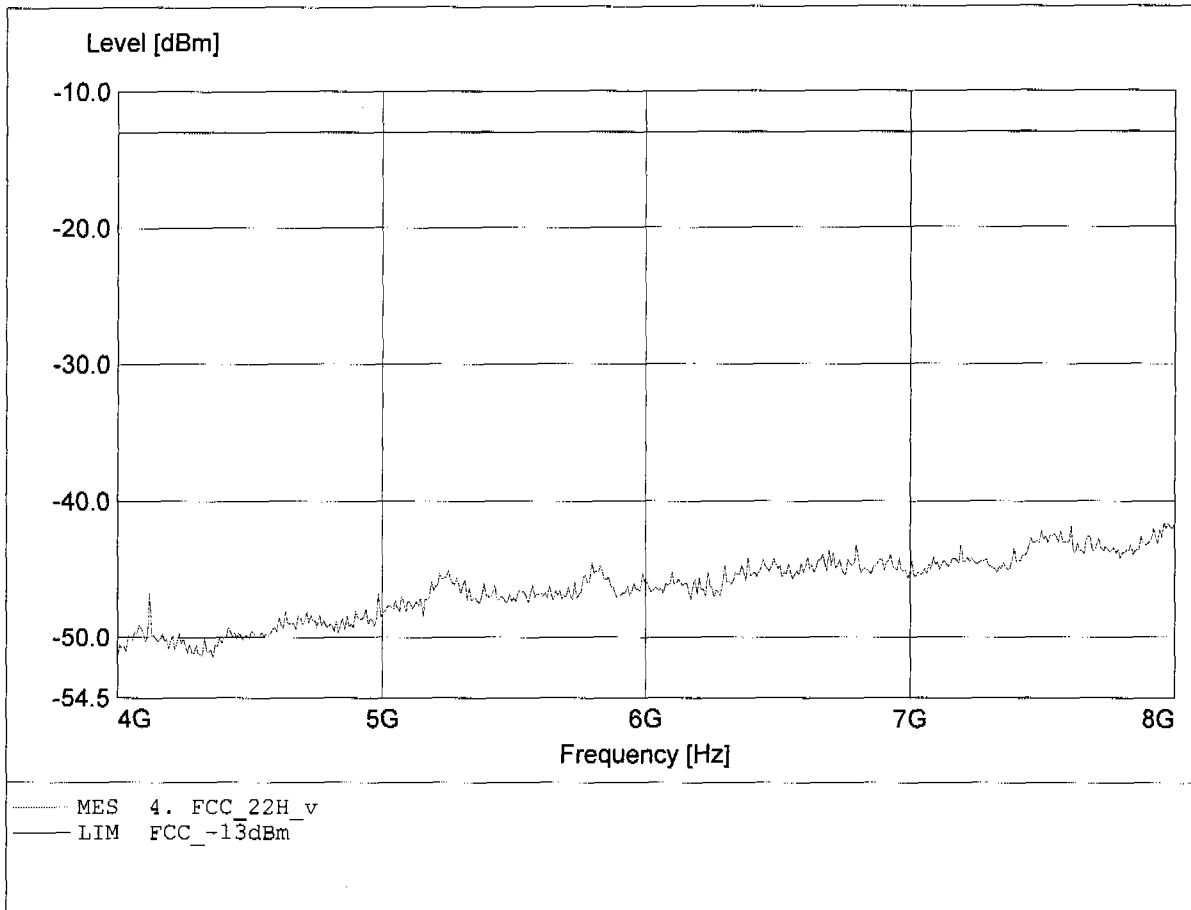
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.623GHz, Pmax: -40.78dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

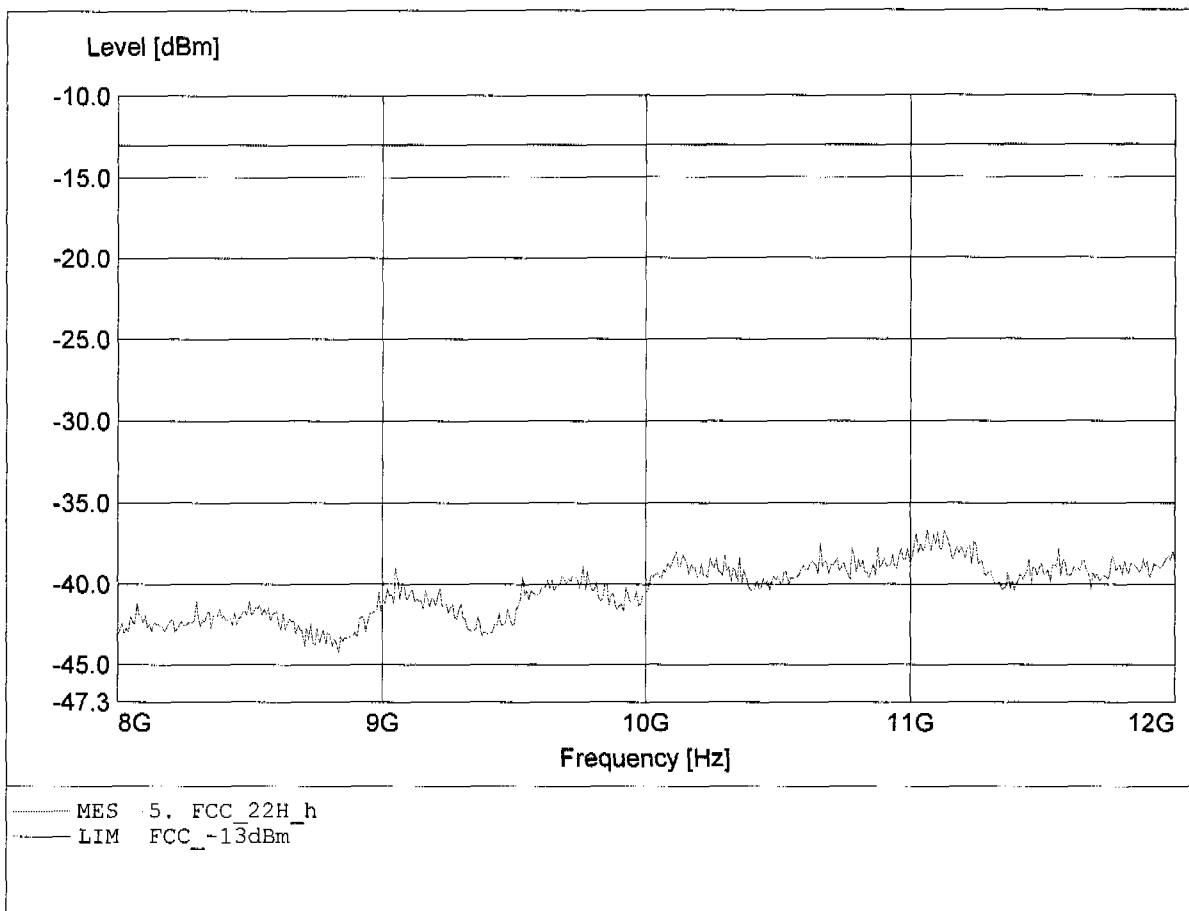
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.960GHz, Pmax: -41.59dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

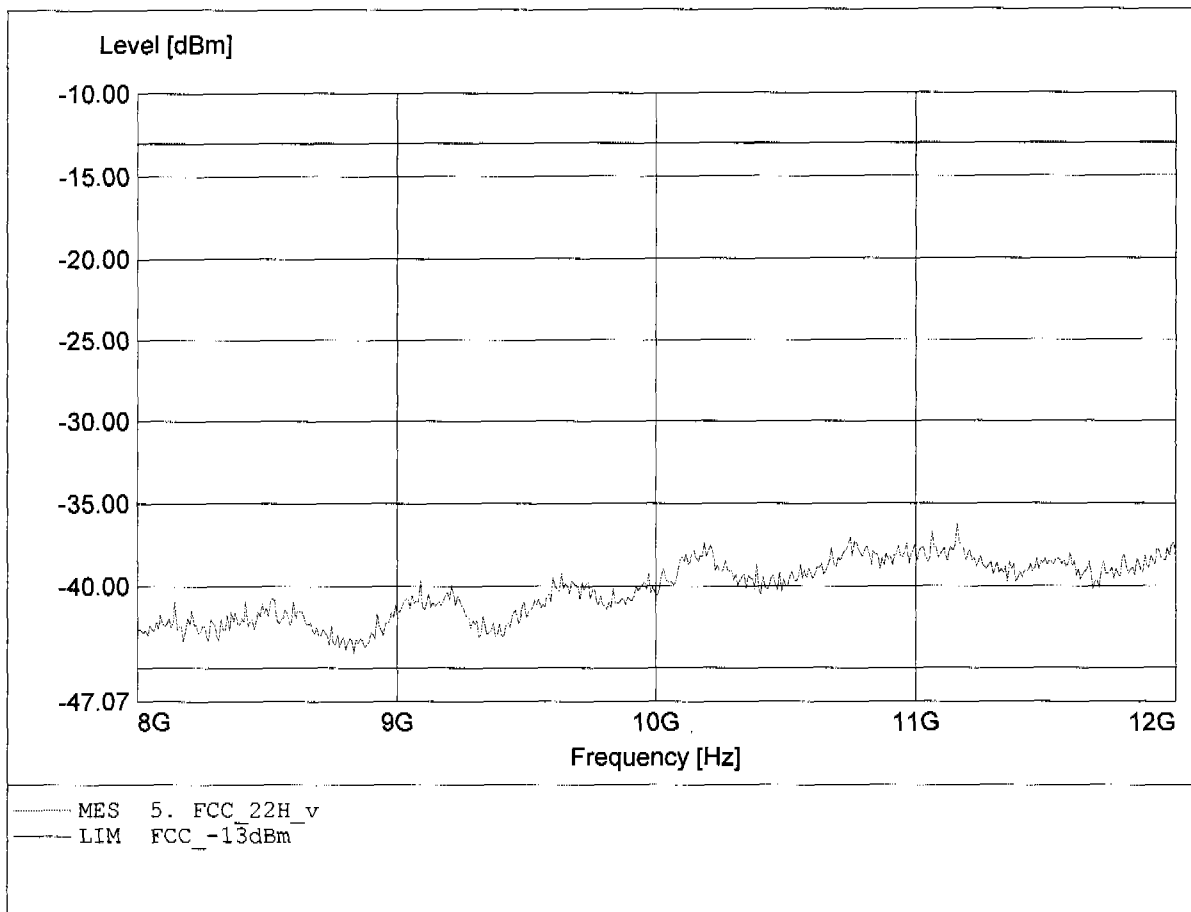
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.062GHz, Pmax: -36.62dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

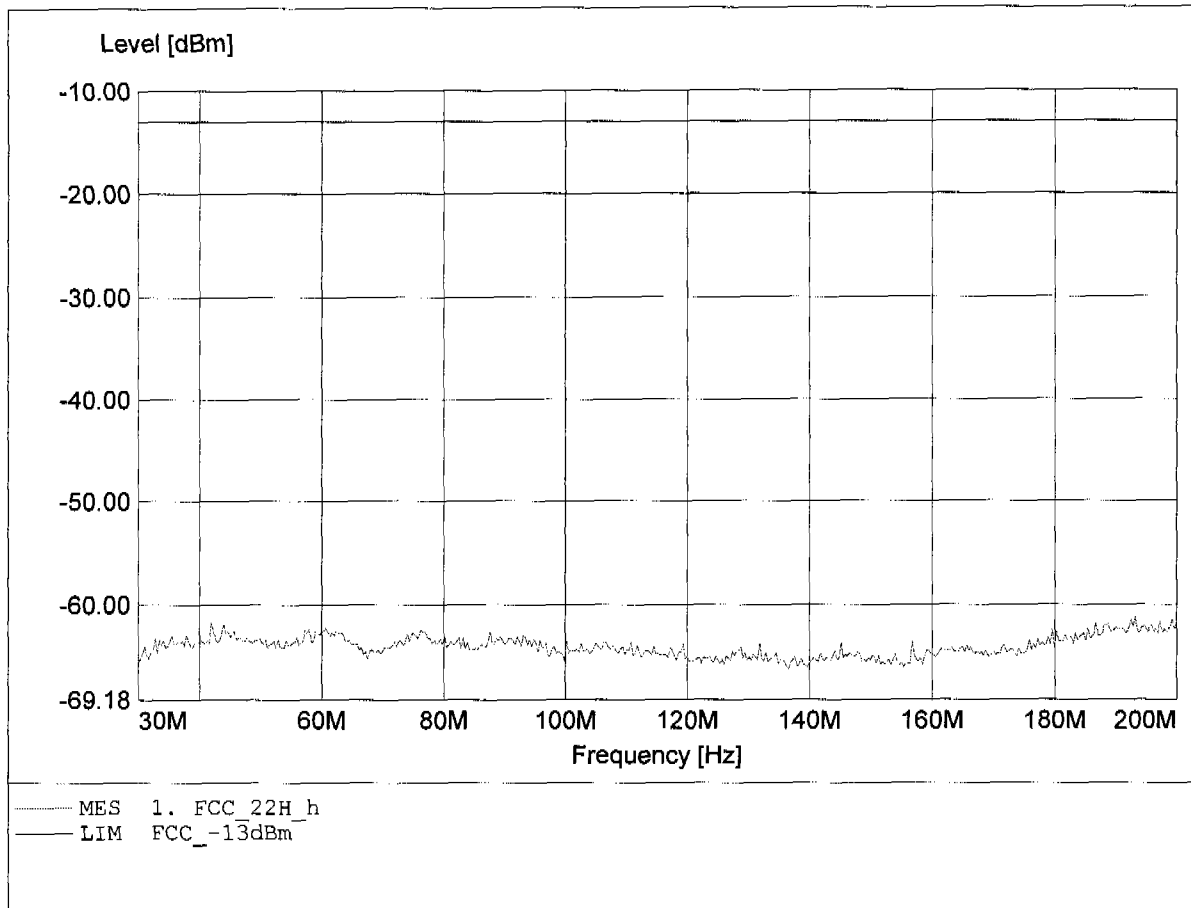
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 128
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.158GHz, Pmax: -36.19dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

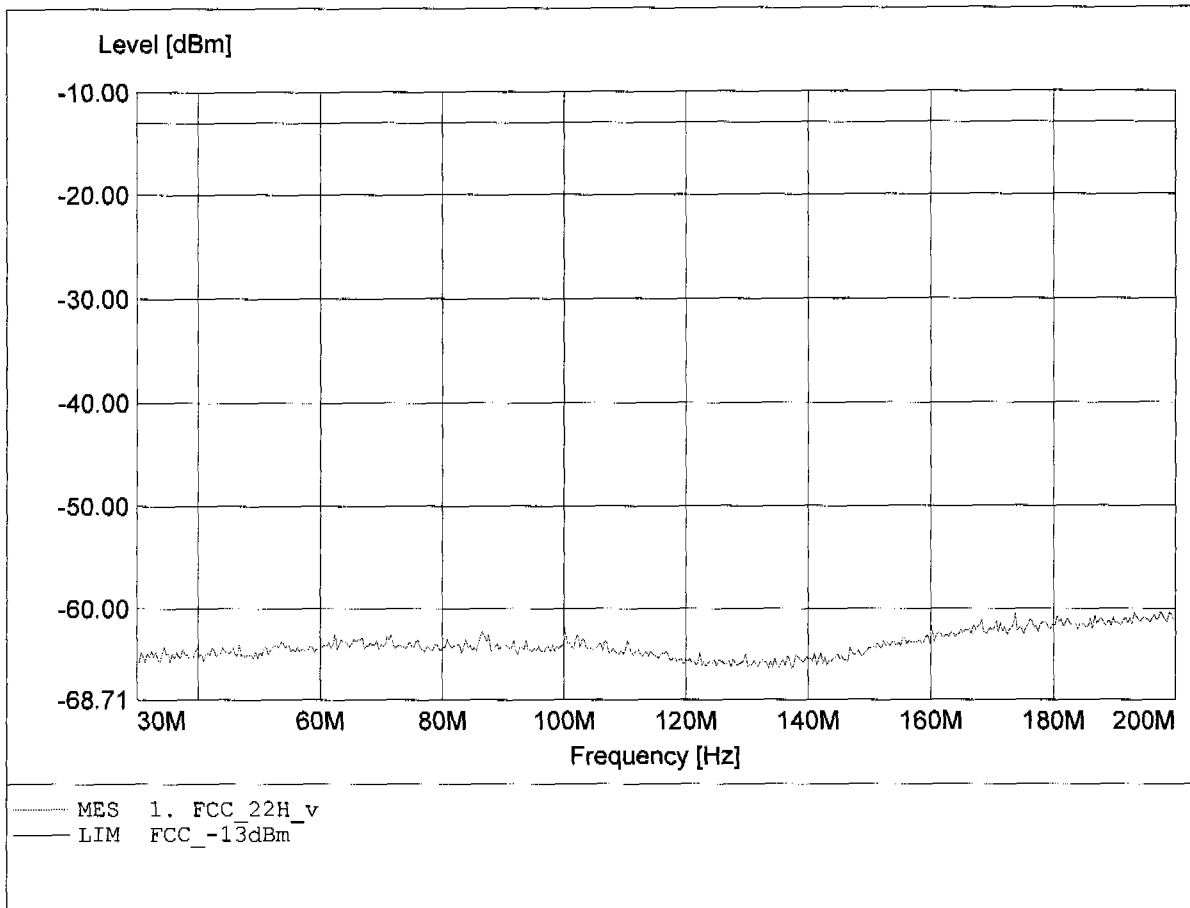
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.186MHz, Pmax: -61.17dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

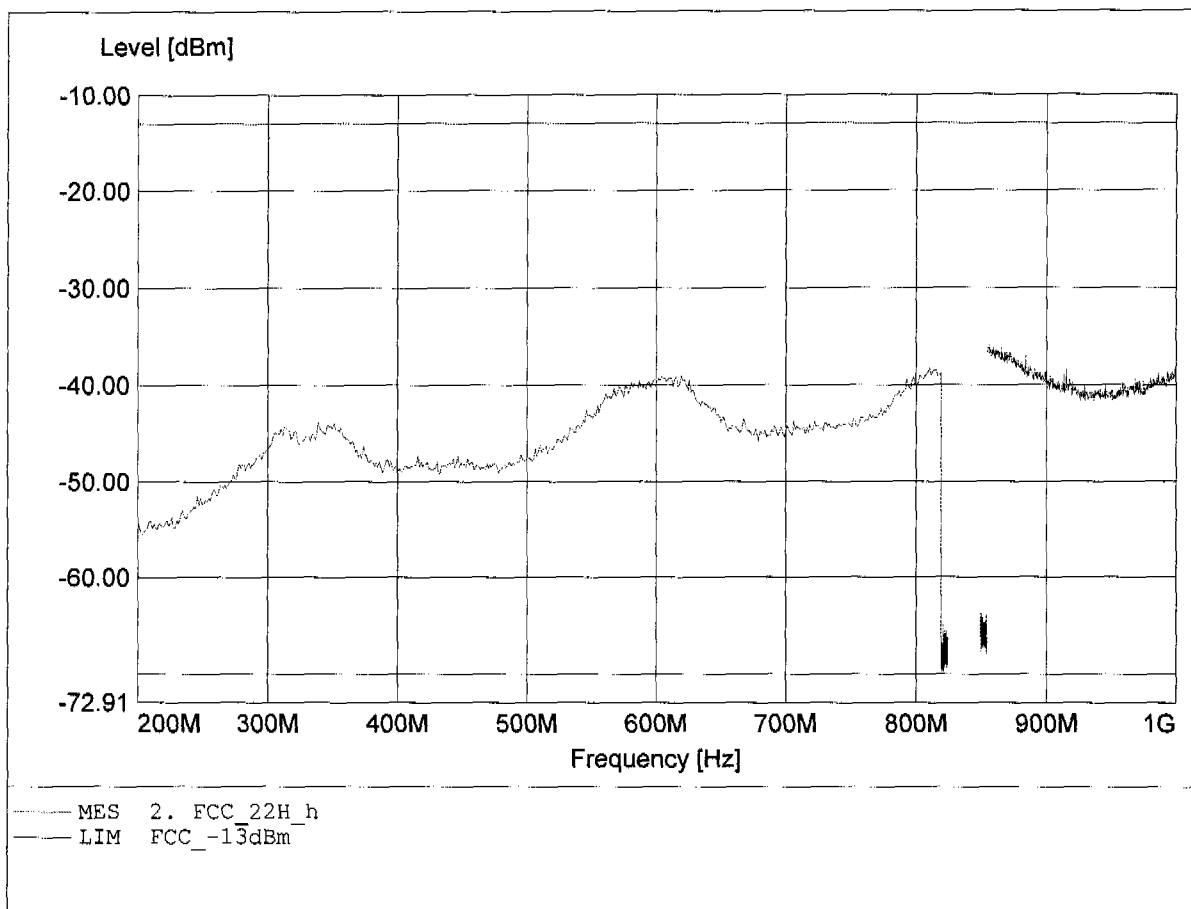
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.615MHz, Pmax: -60.19dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

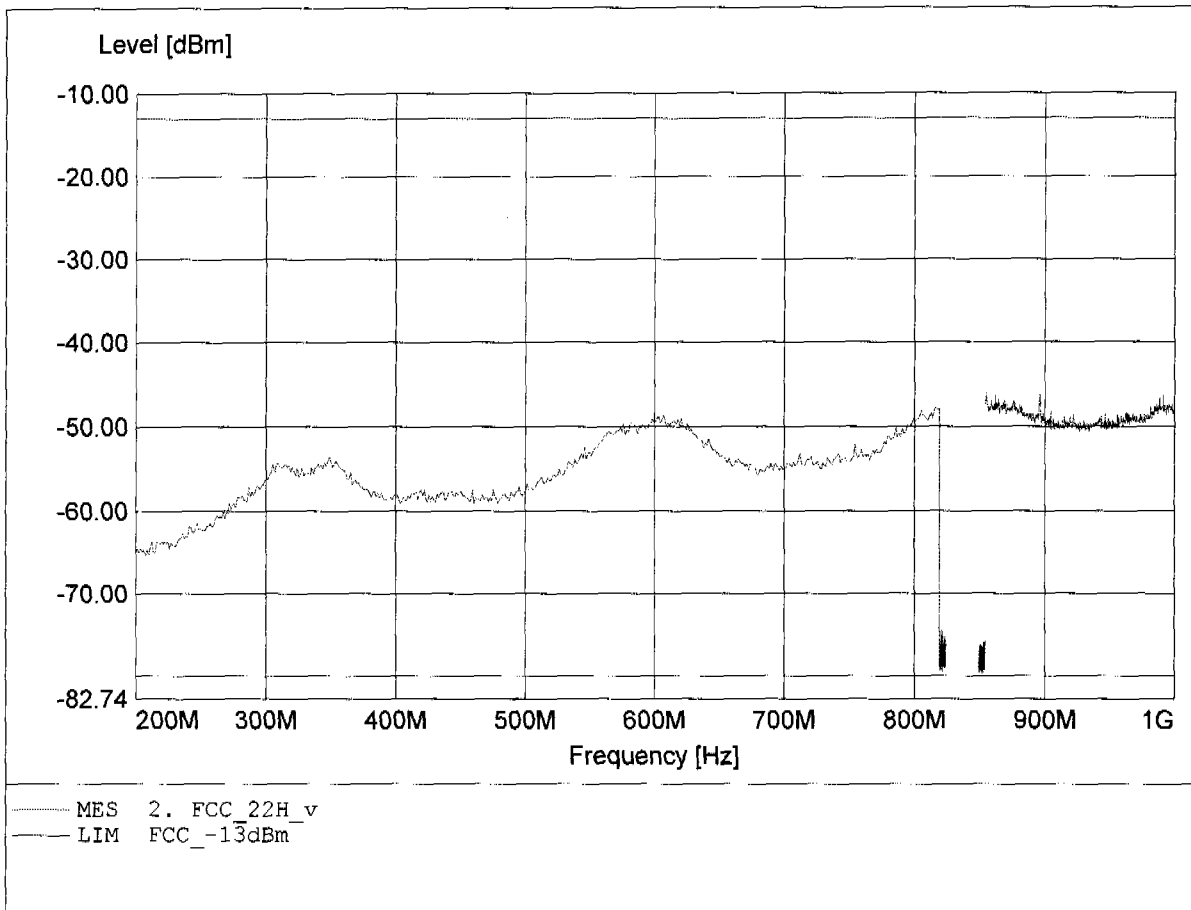
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 855.463MHz, Pmax: -35.91dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

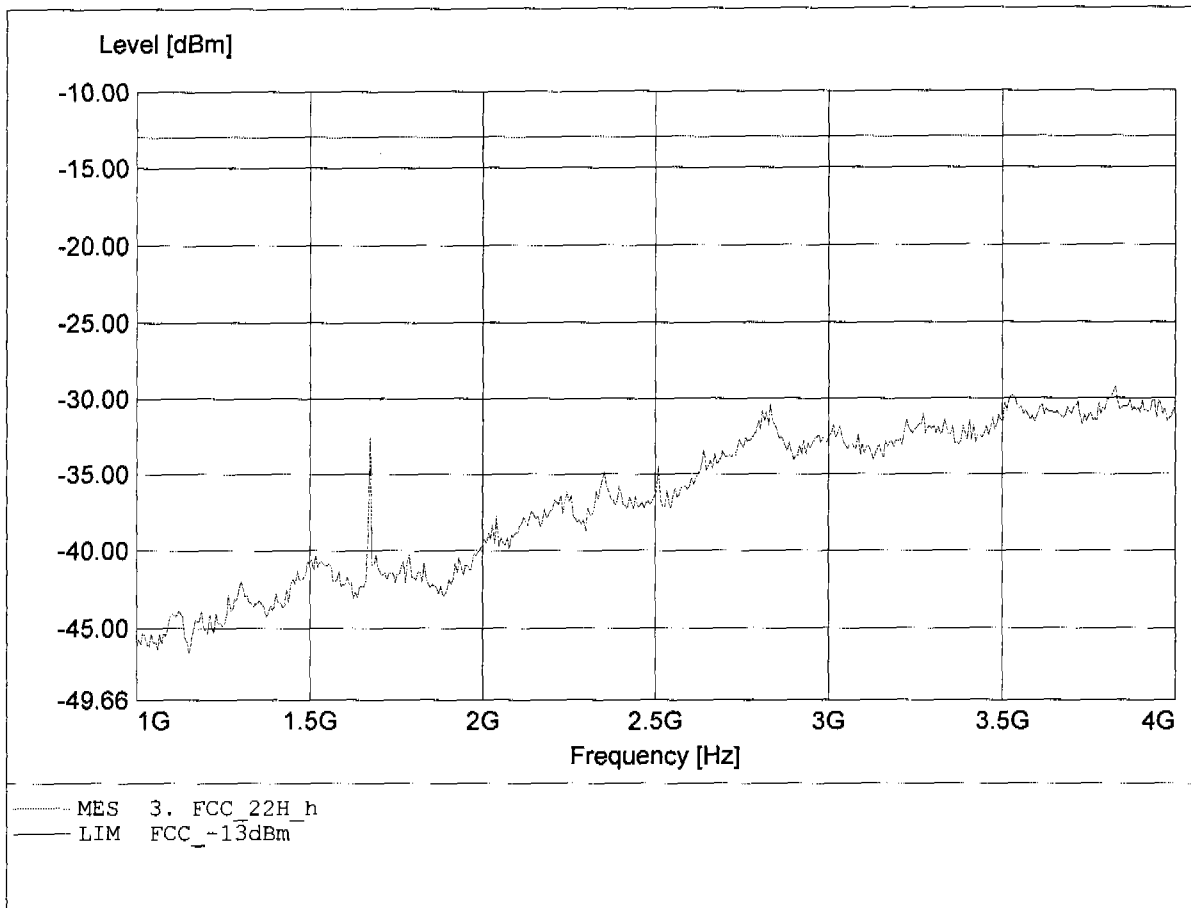
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 854.585MHz, Pmax: -46.16dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

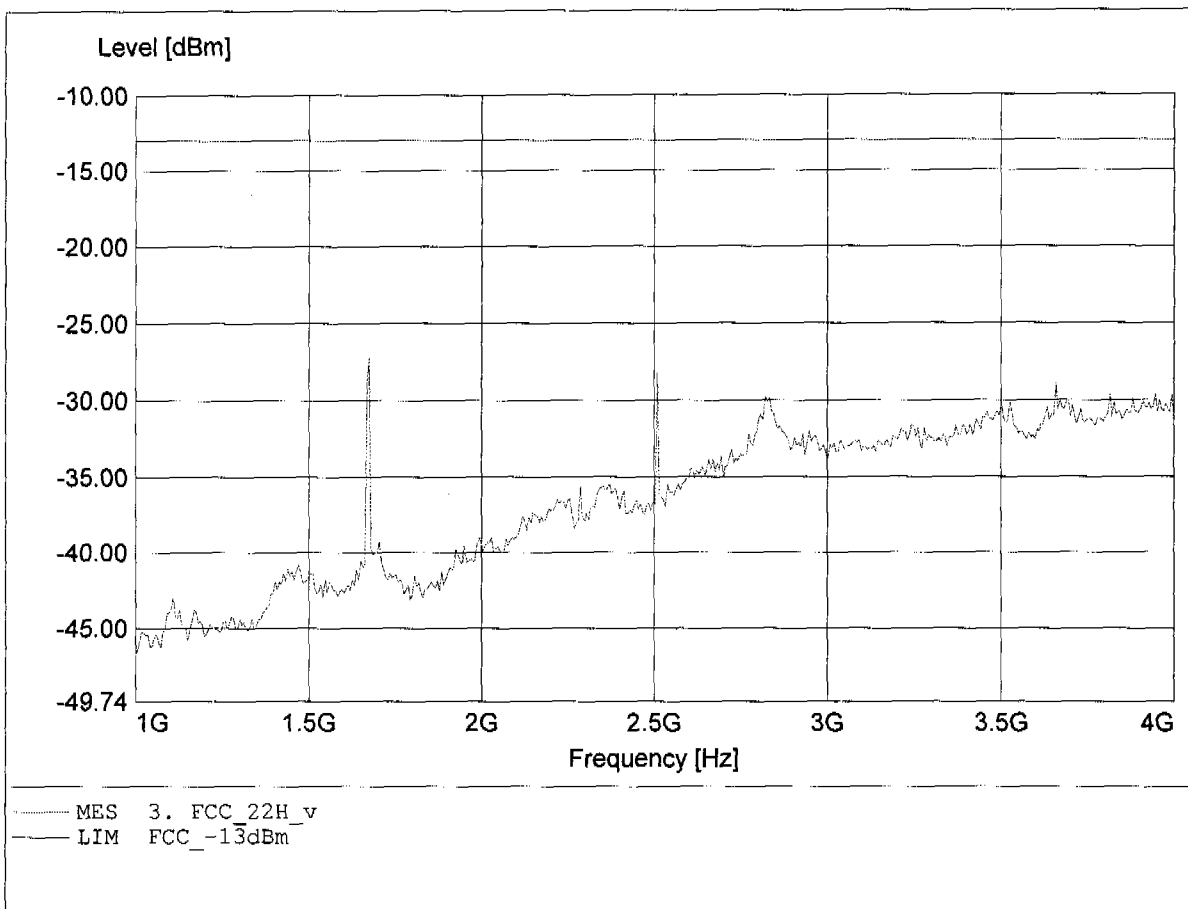
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.826GHz, Pmax: -29.25dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

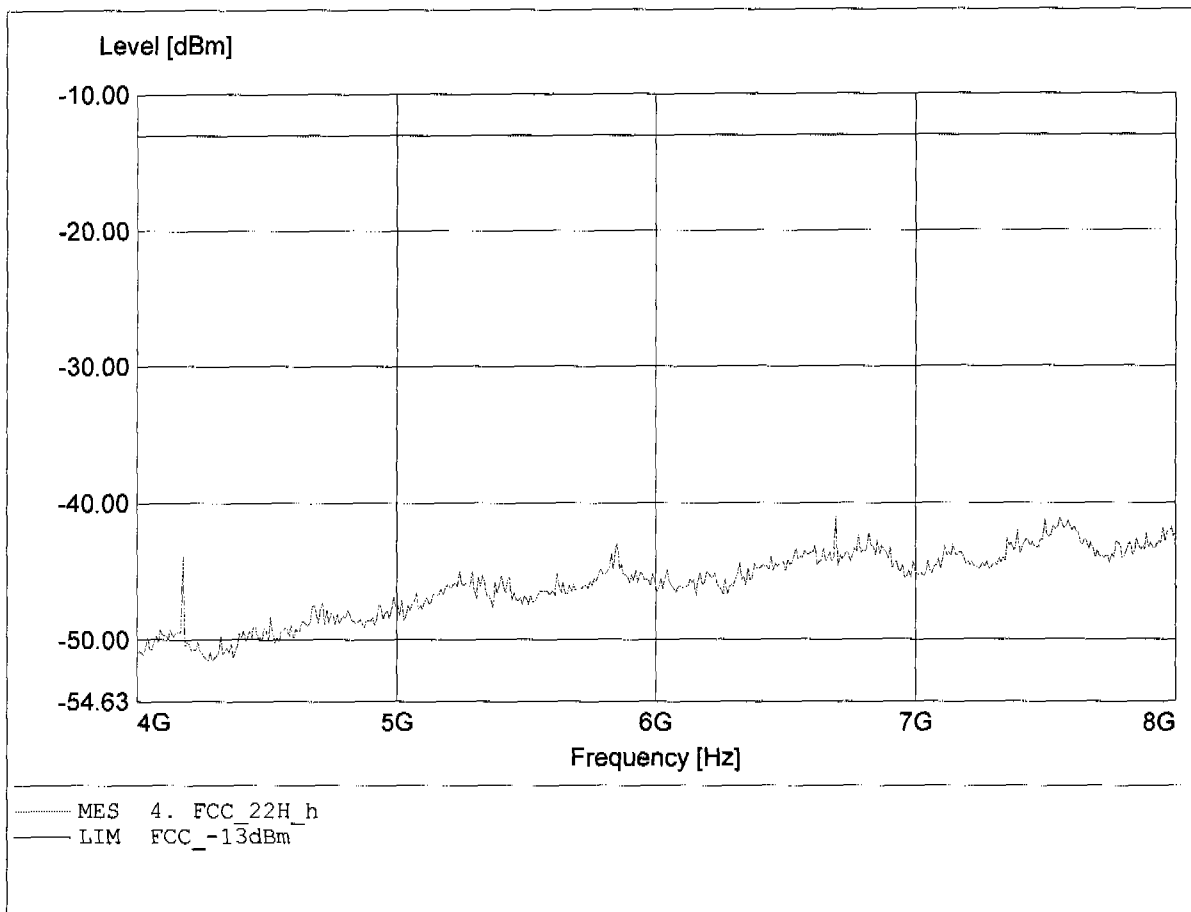
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.673GHz, Pmax: -27.24dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

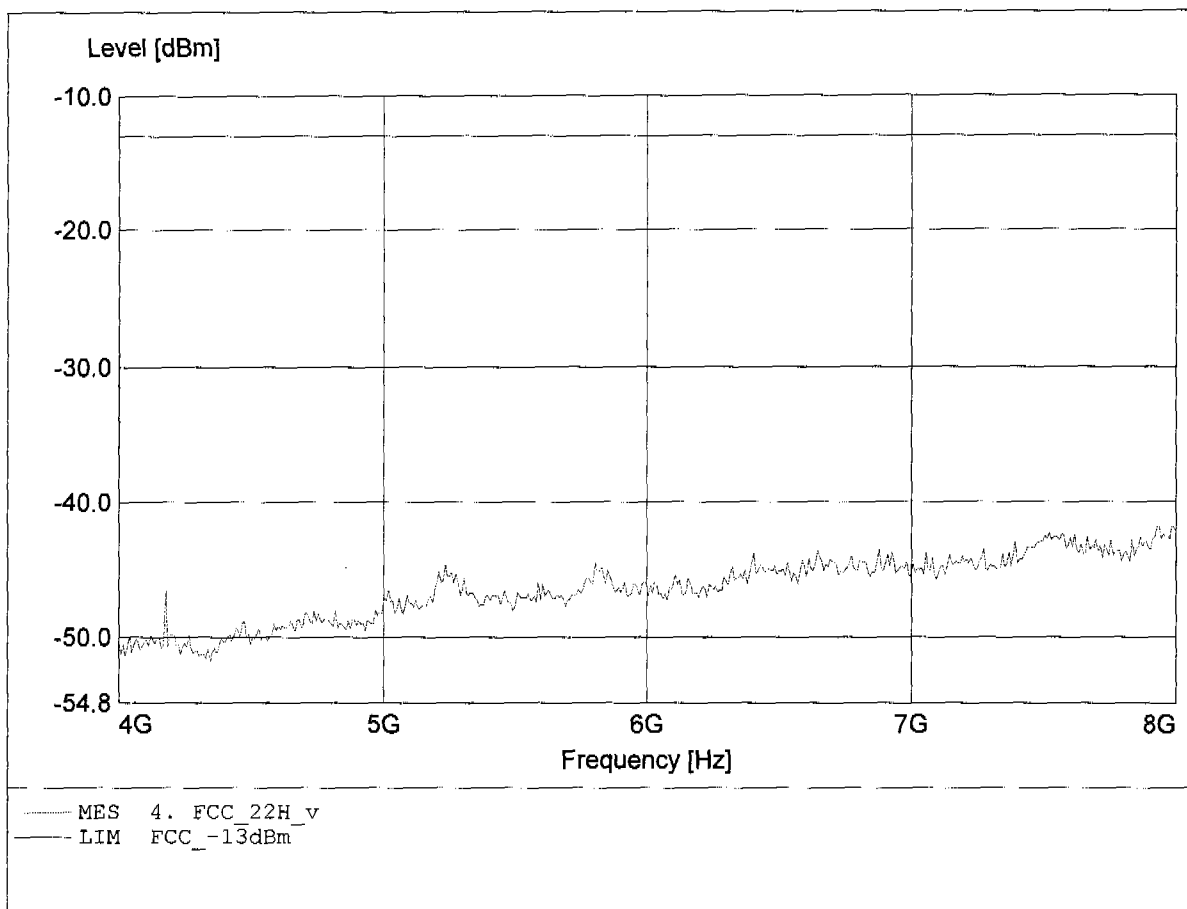
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.693GHz, Pmax: -41.02dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

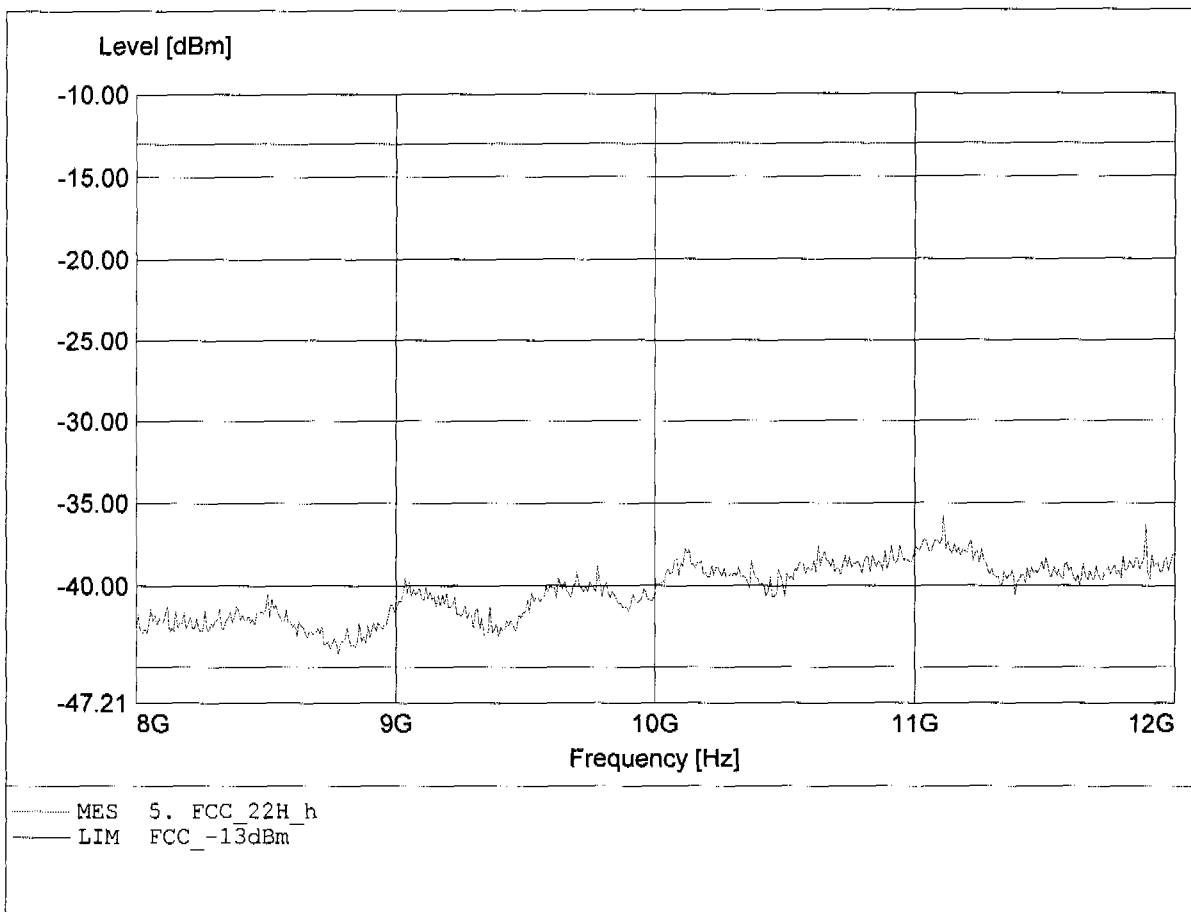
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.984GHz, Pmax: -41.78dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

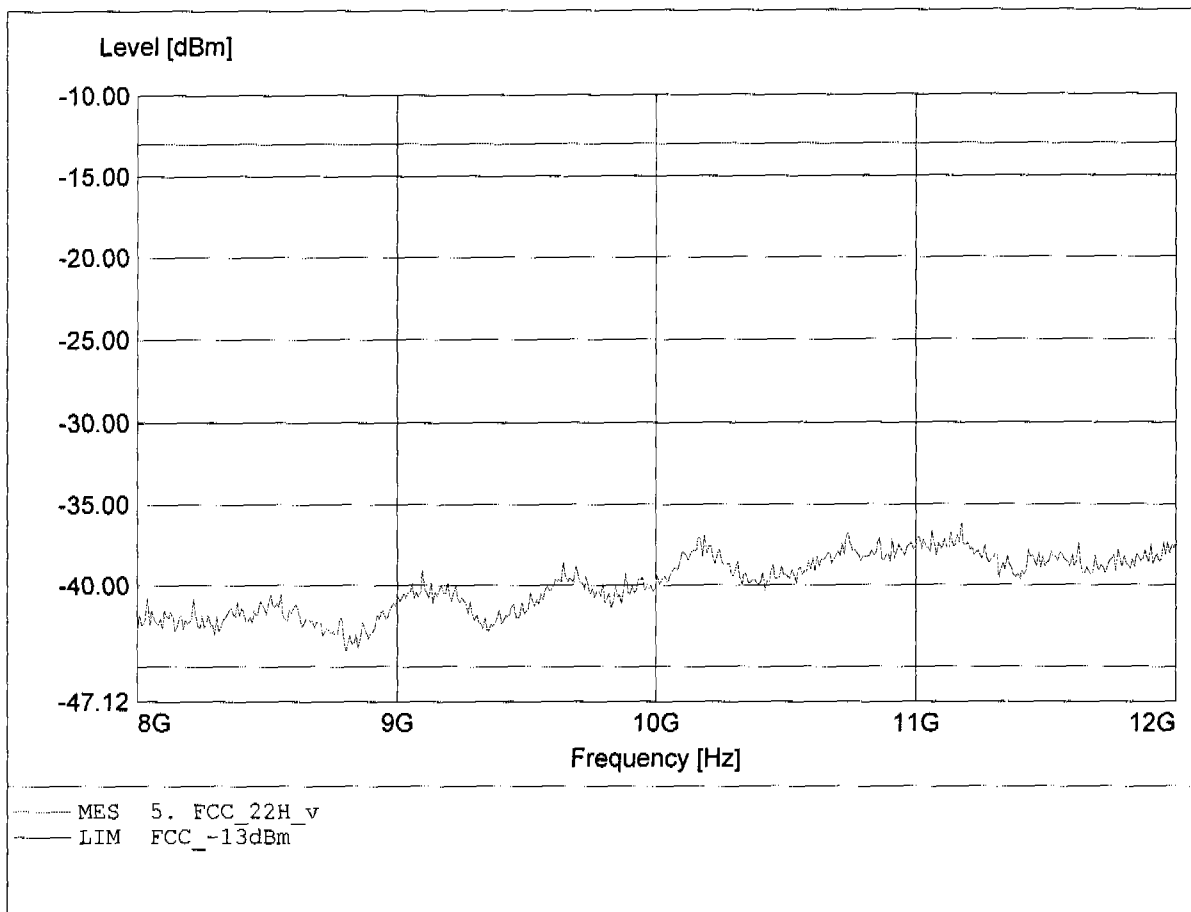
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.110GHz, Pmax: -35.79dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

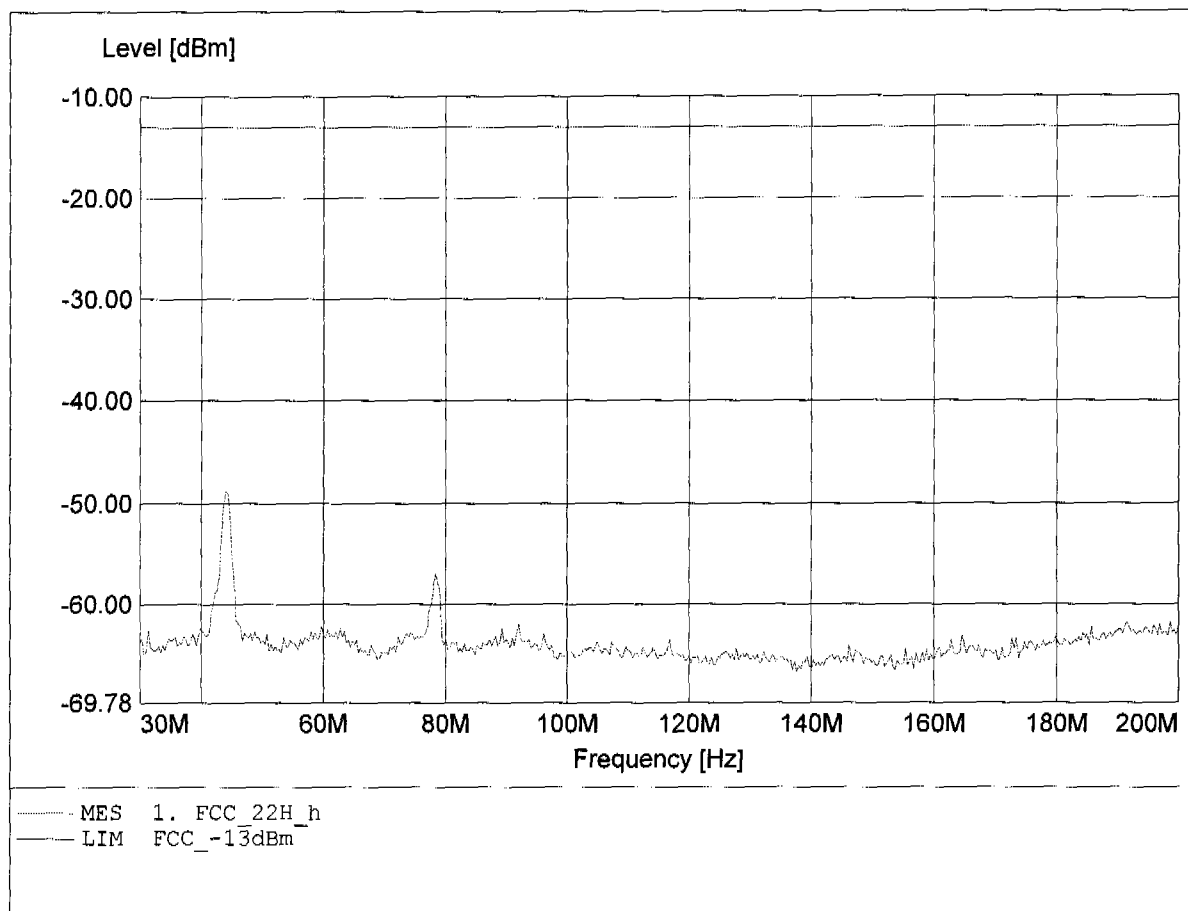
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 188
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.174GHz, Pmax: -36.12dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

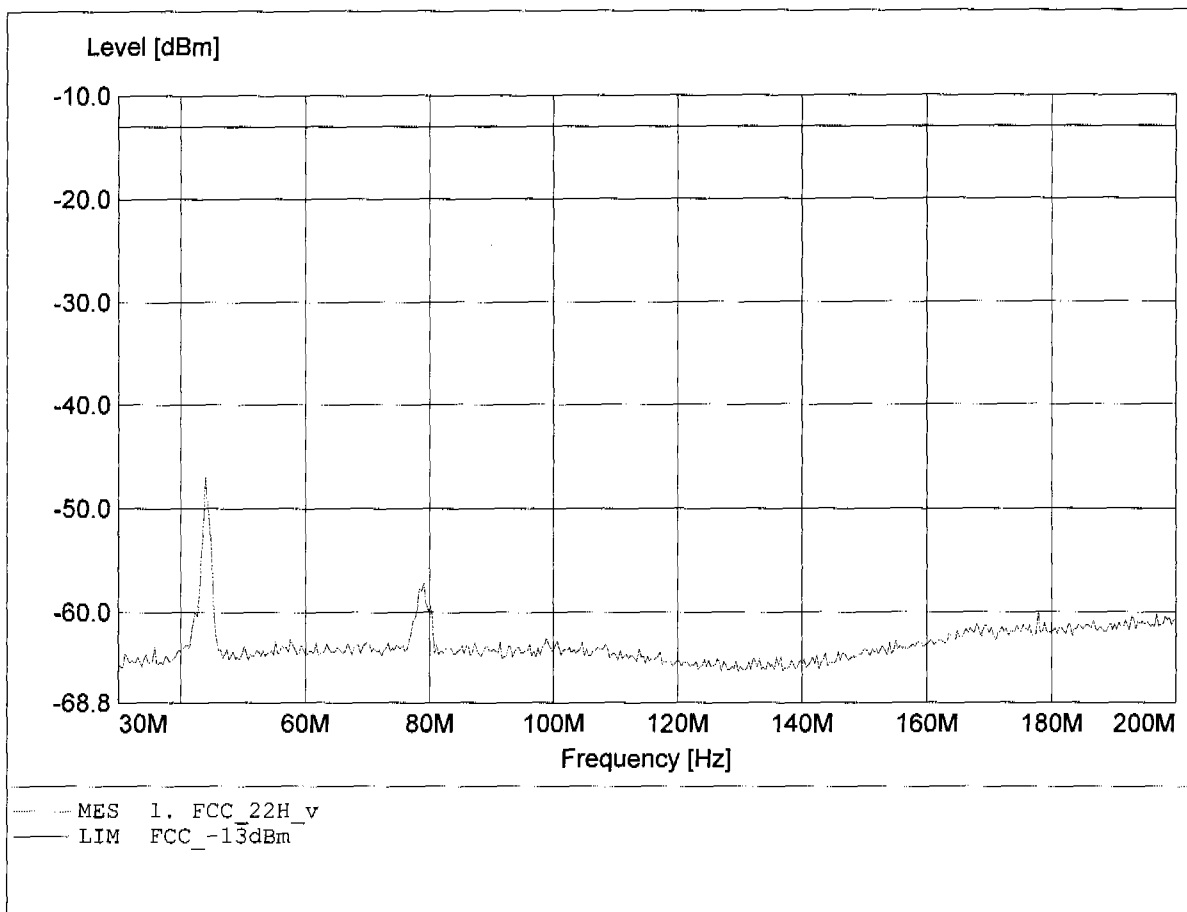
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.968MHz, Pmax: -48.86dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

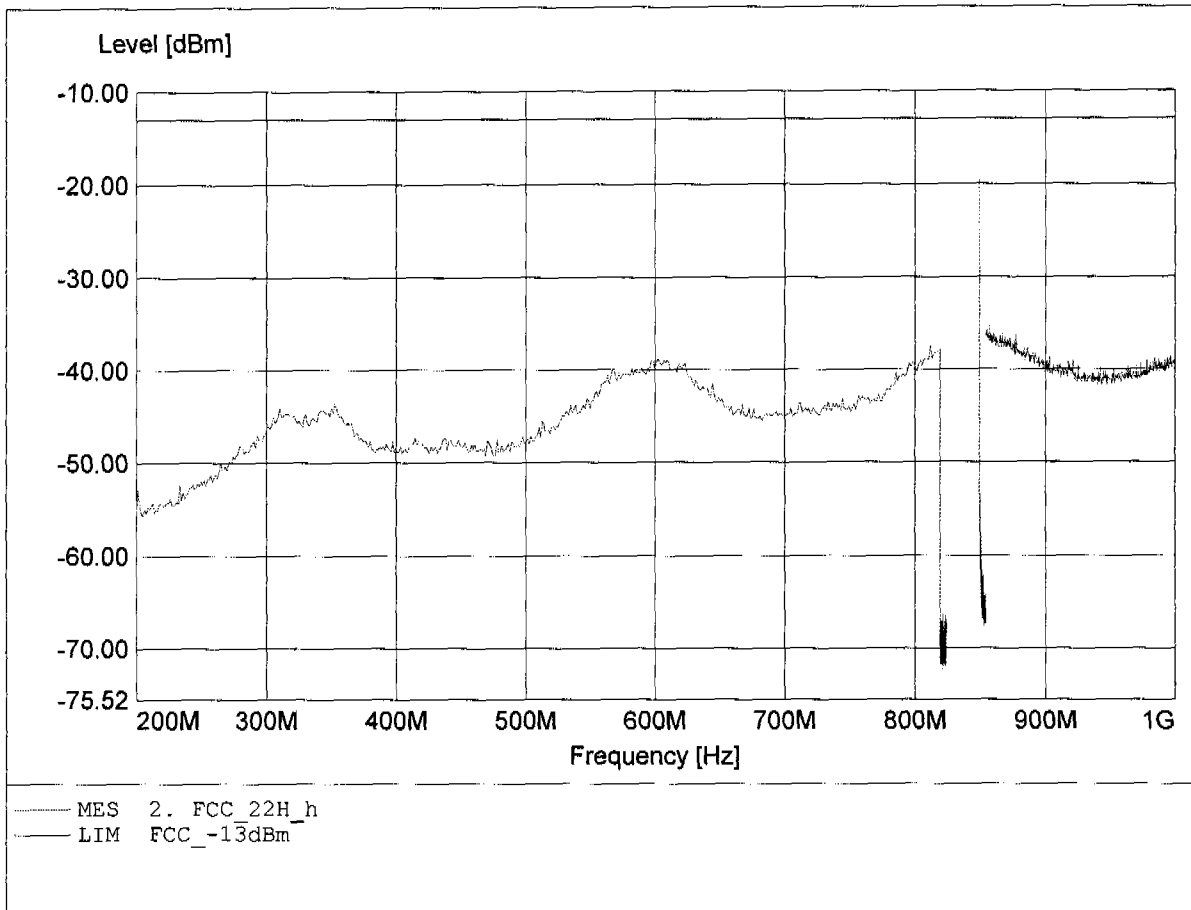
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.968MHz, Pmax: -46.90dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

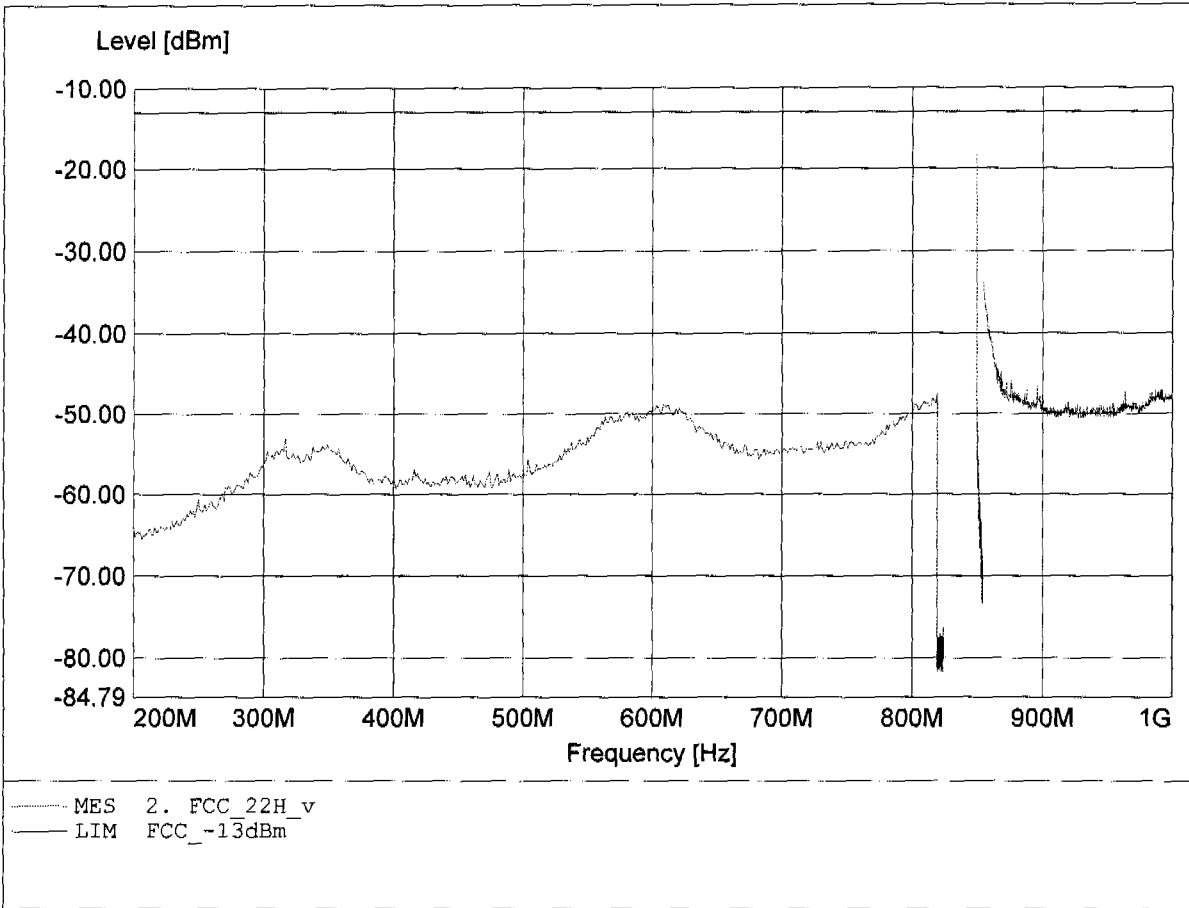
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.020MHz, Pmax: -19.56dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

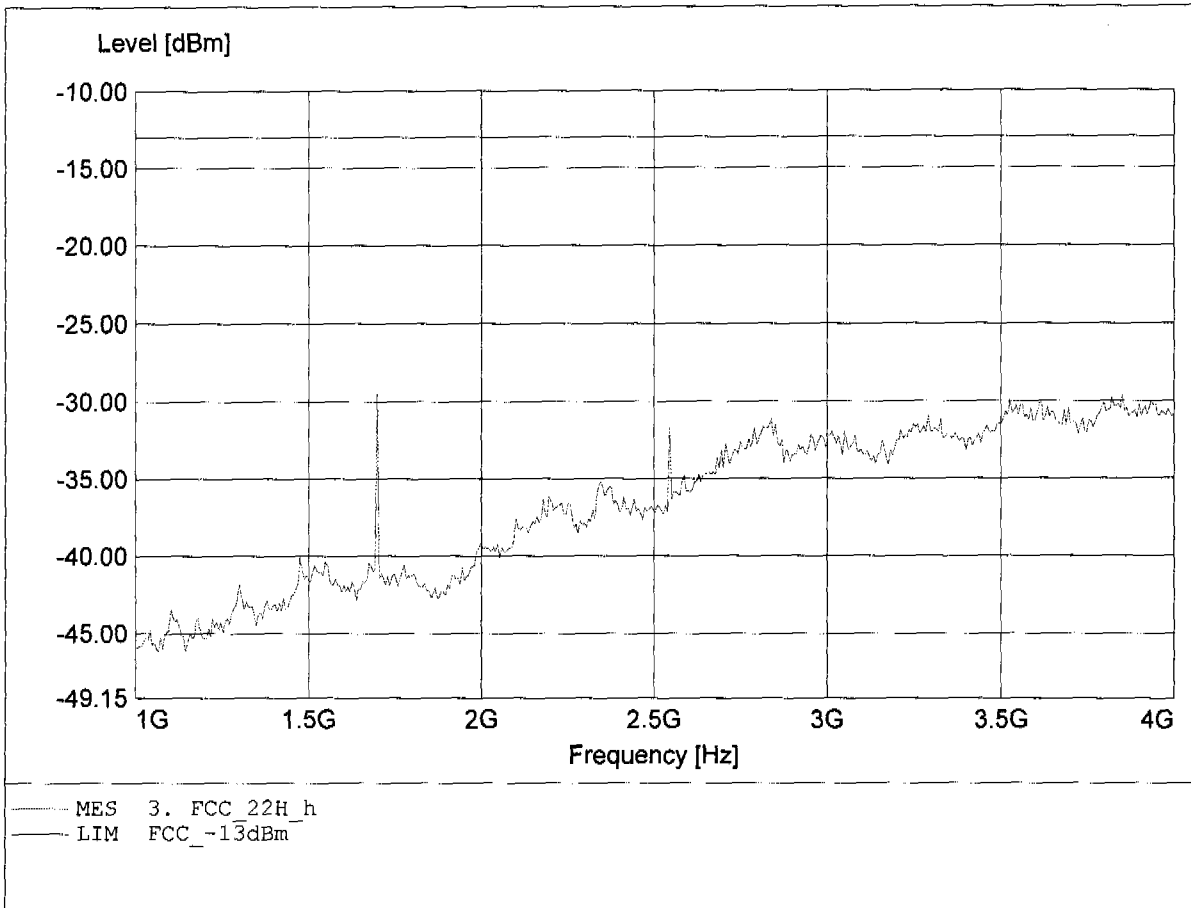
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.010MHz, Pmax: -18.20dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

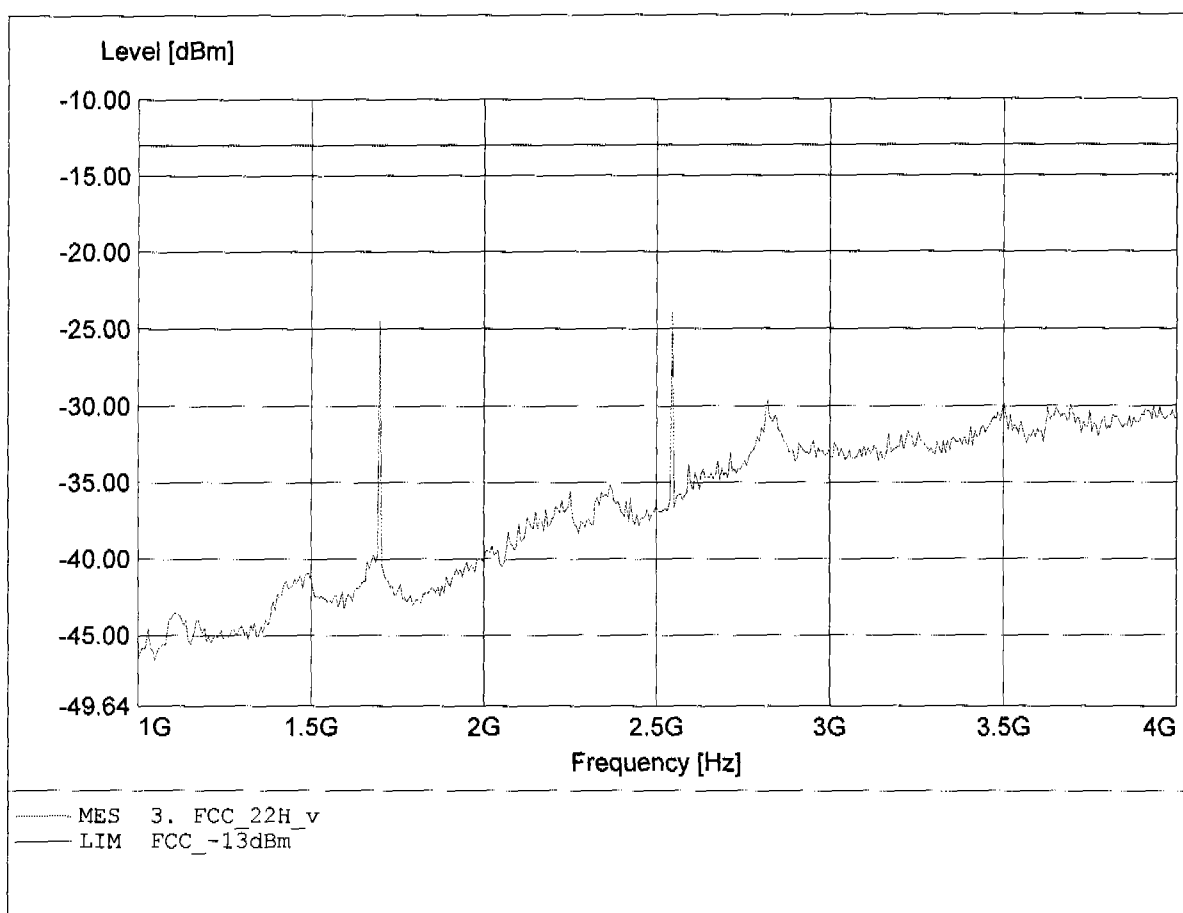
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.697GHz, Pmax: -29.47dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

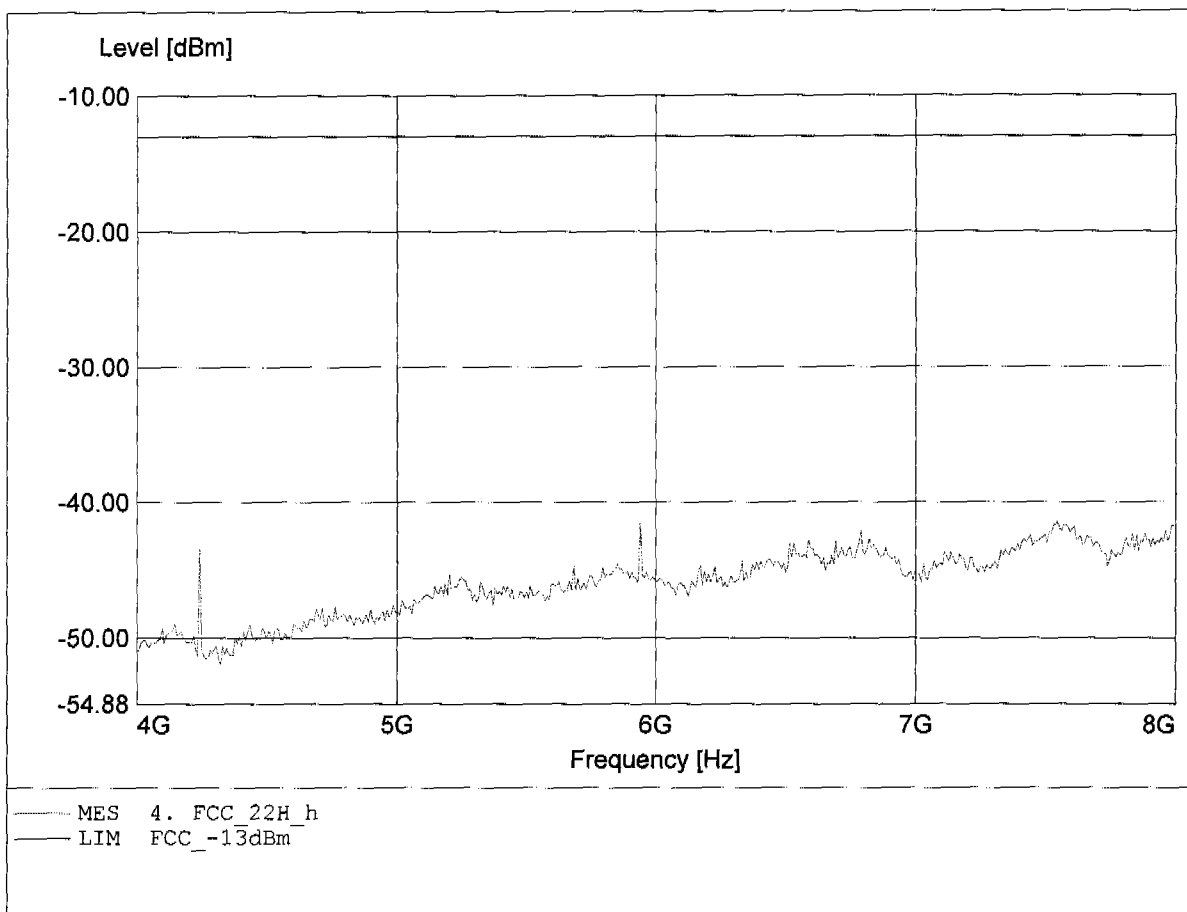
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 2.545GHz, Pmax: -23.92dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

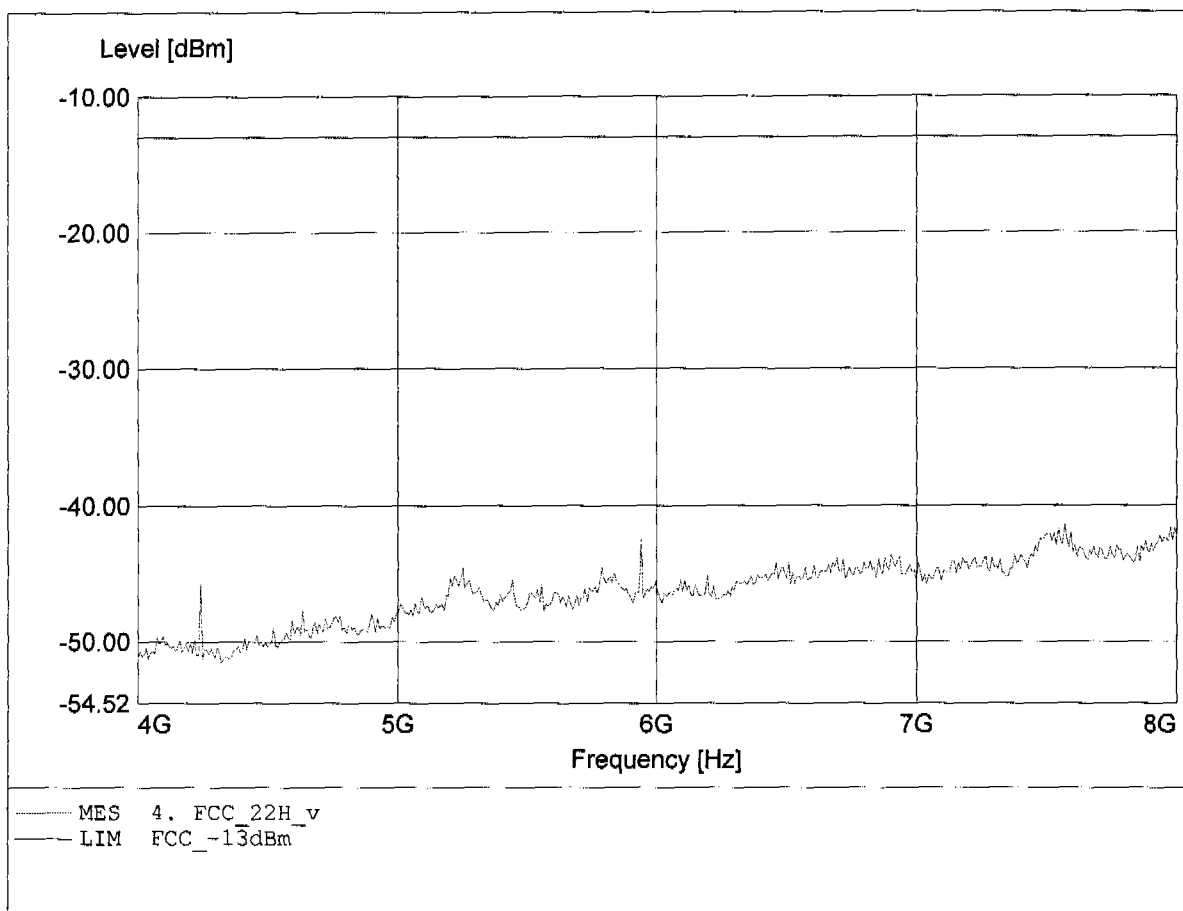
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.940GHz, Pmax: -41.38dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

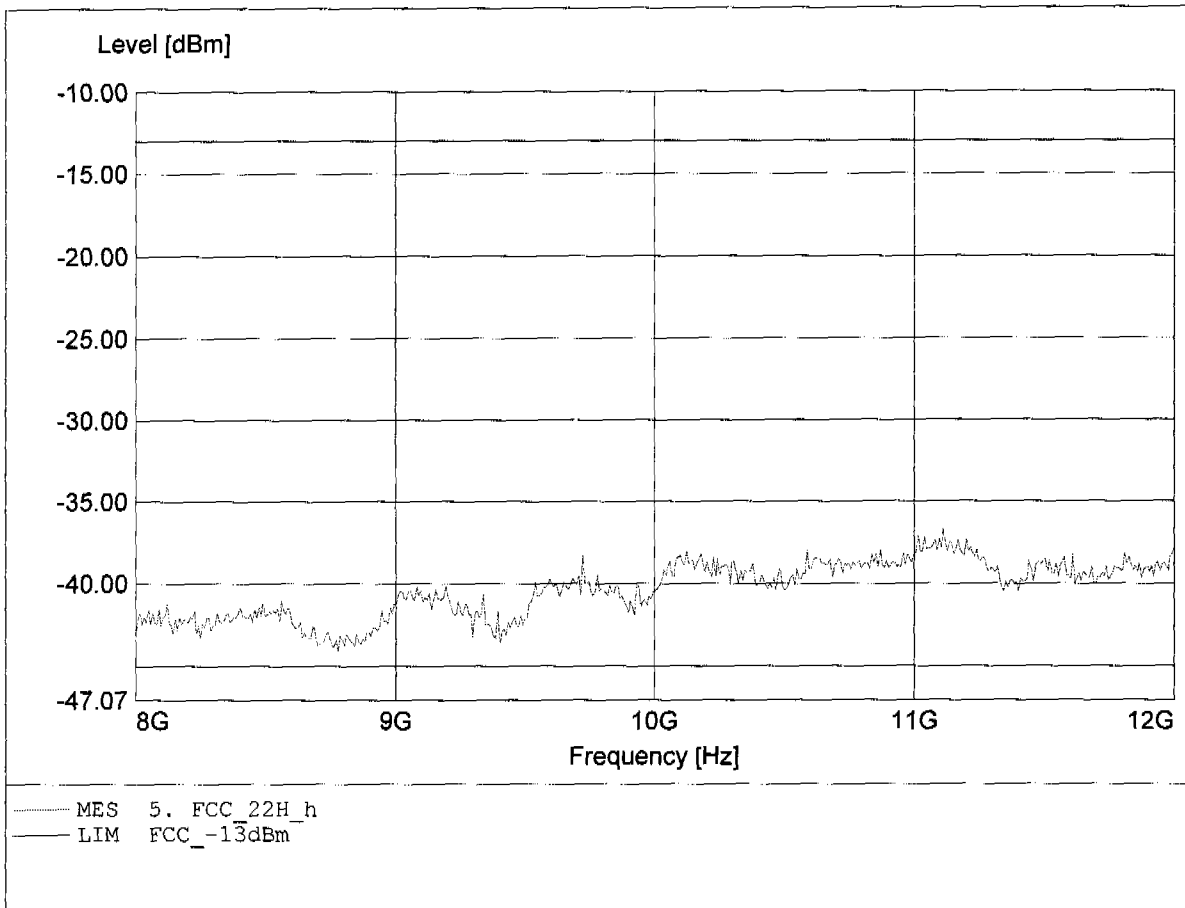
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.567GHz, Pmax: -41.37dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

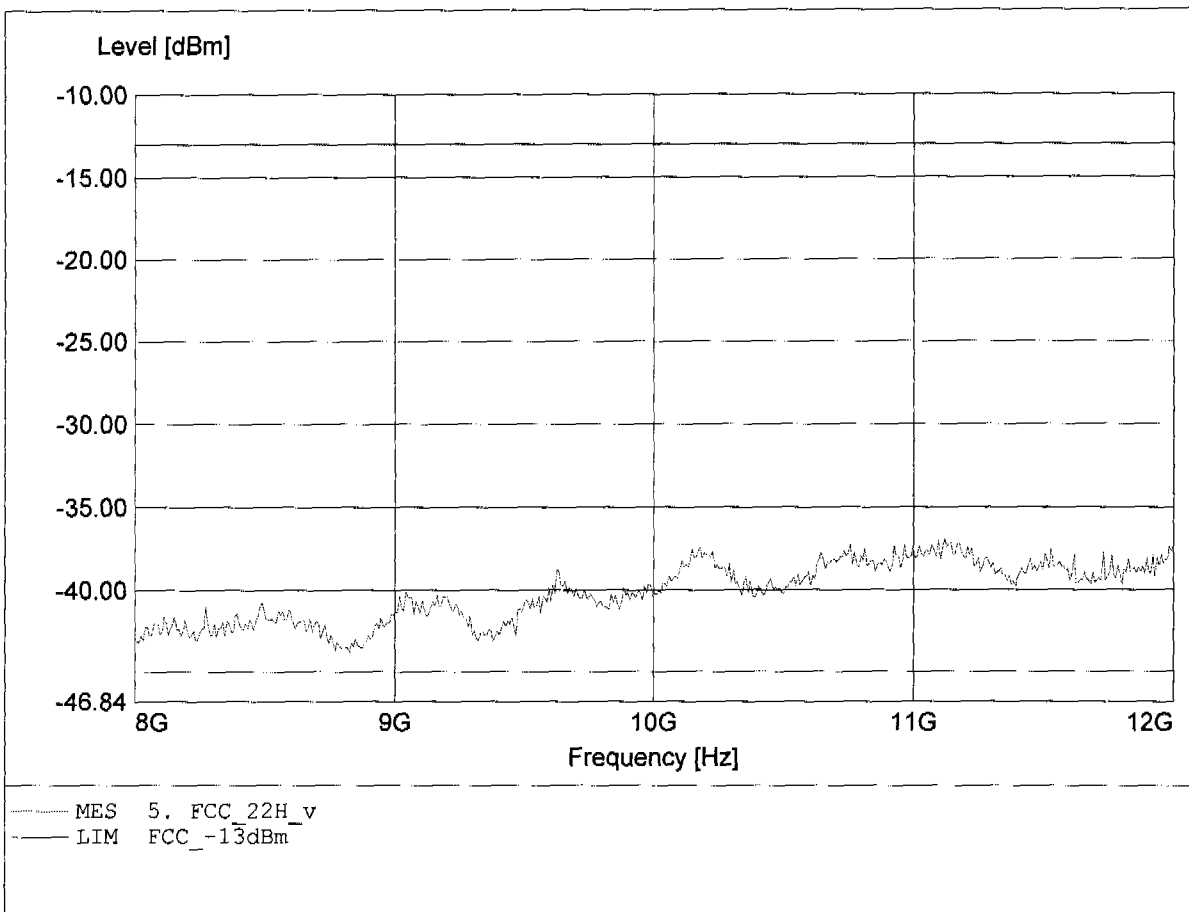
Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.110GHz, Pmax: -36.73dBm, RBW: 1MHz



Radiated Emissions Tx

FCC RULES PART 22 SUBPART H

Applicant: Pantech Co., Ltd.
EUT/Model: Triple Band GSM 850 / DCS 1800 / PCS 1900 / GB210
Channel: 251
Temperature/ Voltage: Temp.:23°C, Unom.: 4.2 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.118GHz, Pmax: -36.90dBm, RBW: 1MHz



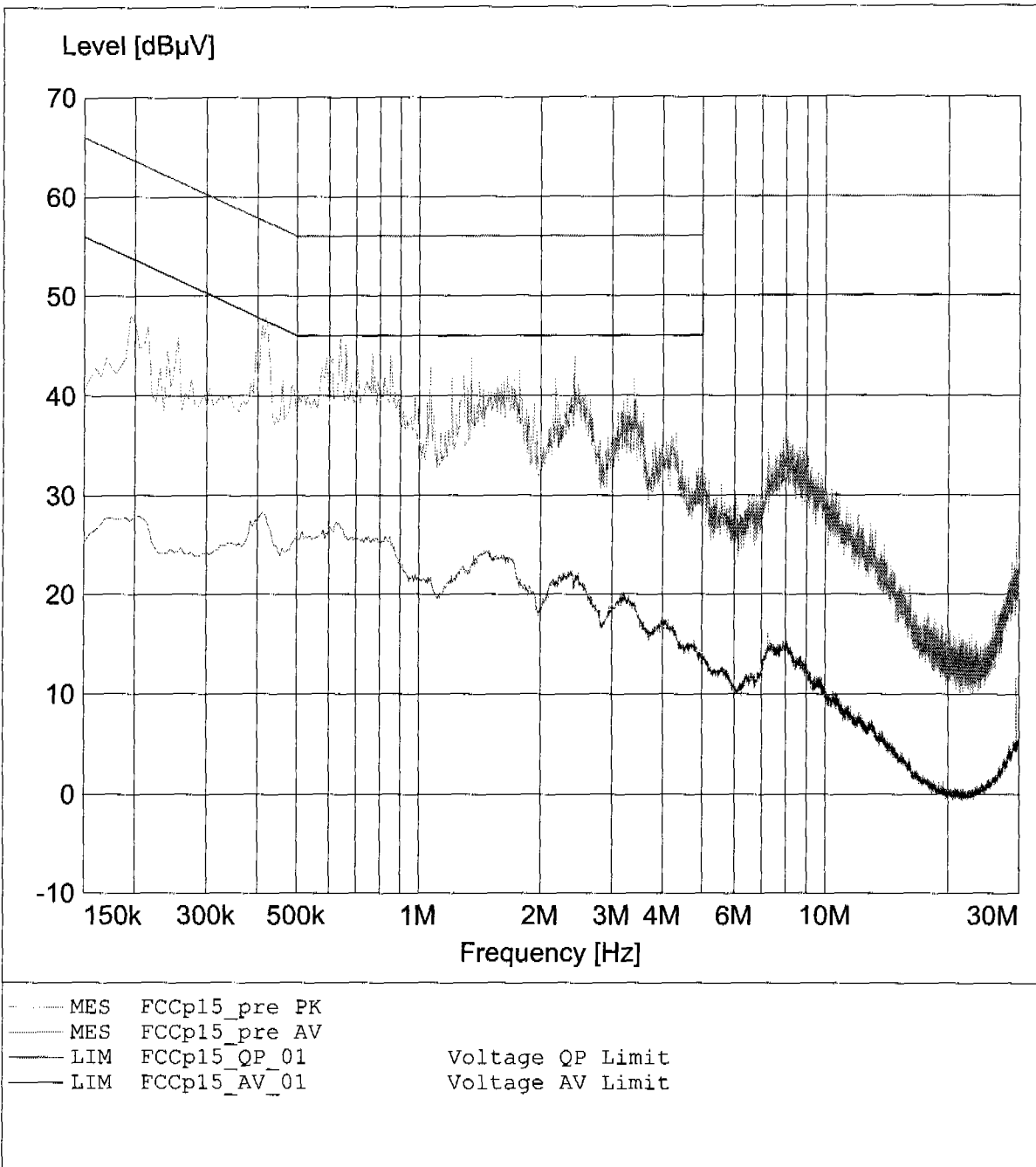


Appendix K

Line Conducted Emissions

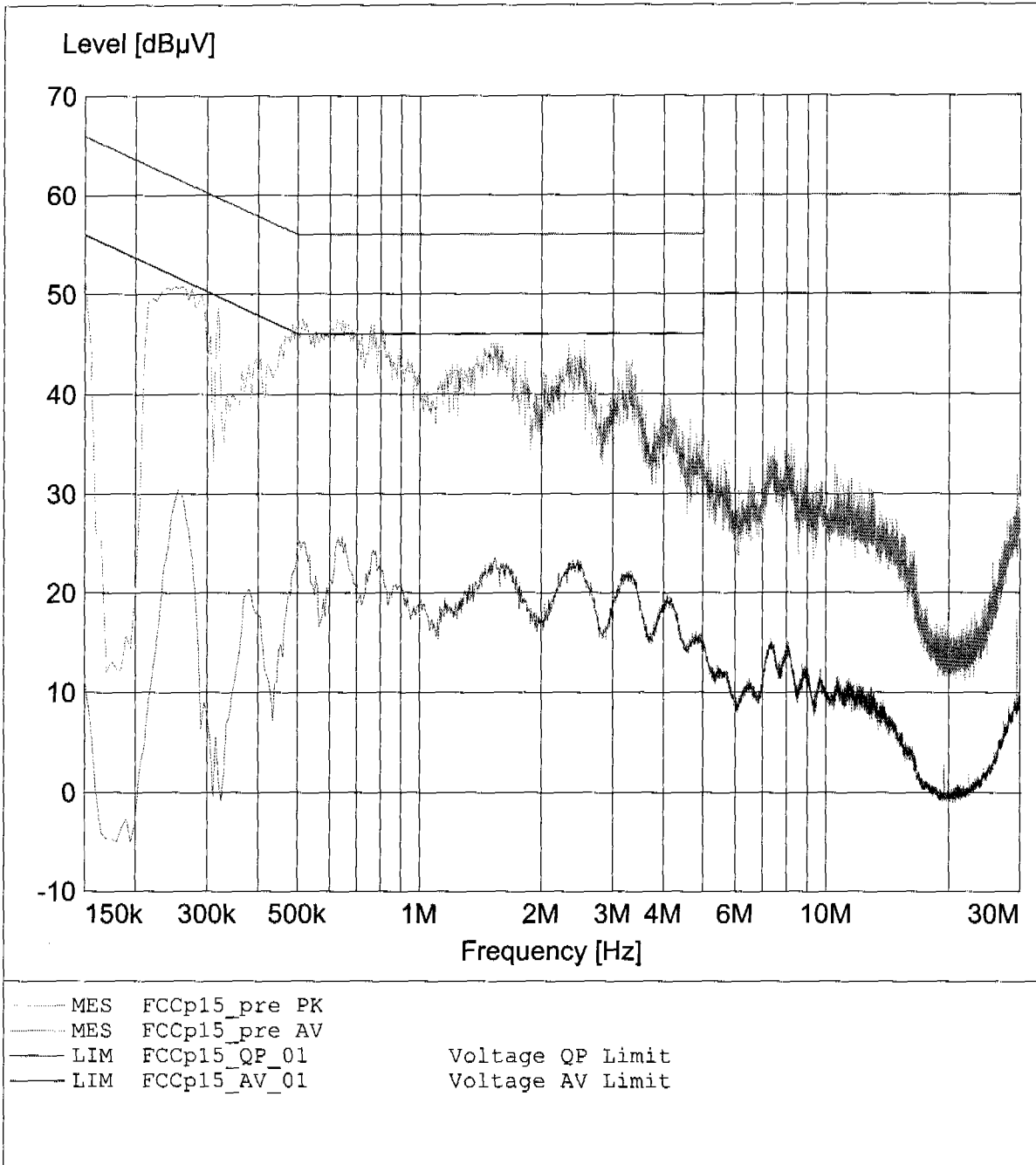
EMI voltage test in the ac-mains according to FCC part 15

EUT: TRIPLE BAND GSM 850 (E-GSM)/DCS 1800/PCS 1900 (with WAP & GP)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC / DC - ADAPTOR), Thom: 23°C
Test Site: ETS
Operator: Mr. Jahn
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: GB210 mode: charging



EMI voltage test in the ac-mains according to FCC part 15

EUT: TRIPLE BAND GSM 850 (E-GSM)/DCS 1800/PCS 1900 (with WAP & GP)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC / DC - ADAPTOR), Thom: 23°C
Test Site: ETS
Operator: Mr. Jahn
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: GB210 mode: charging





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