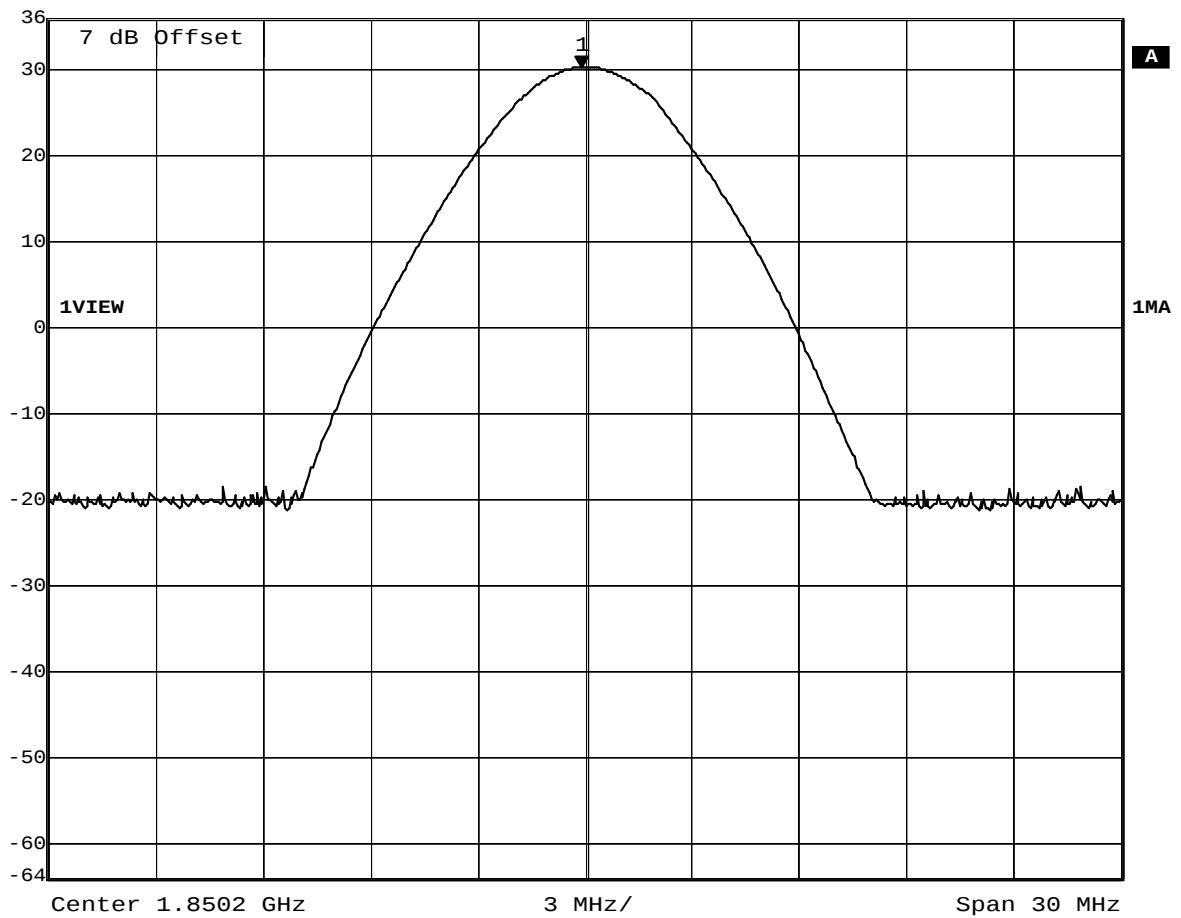


Appendix B

RF Power Output



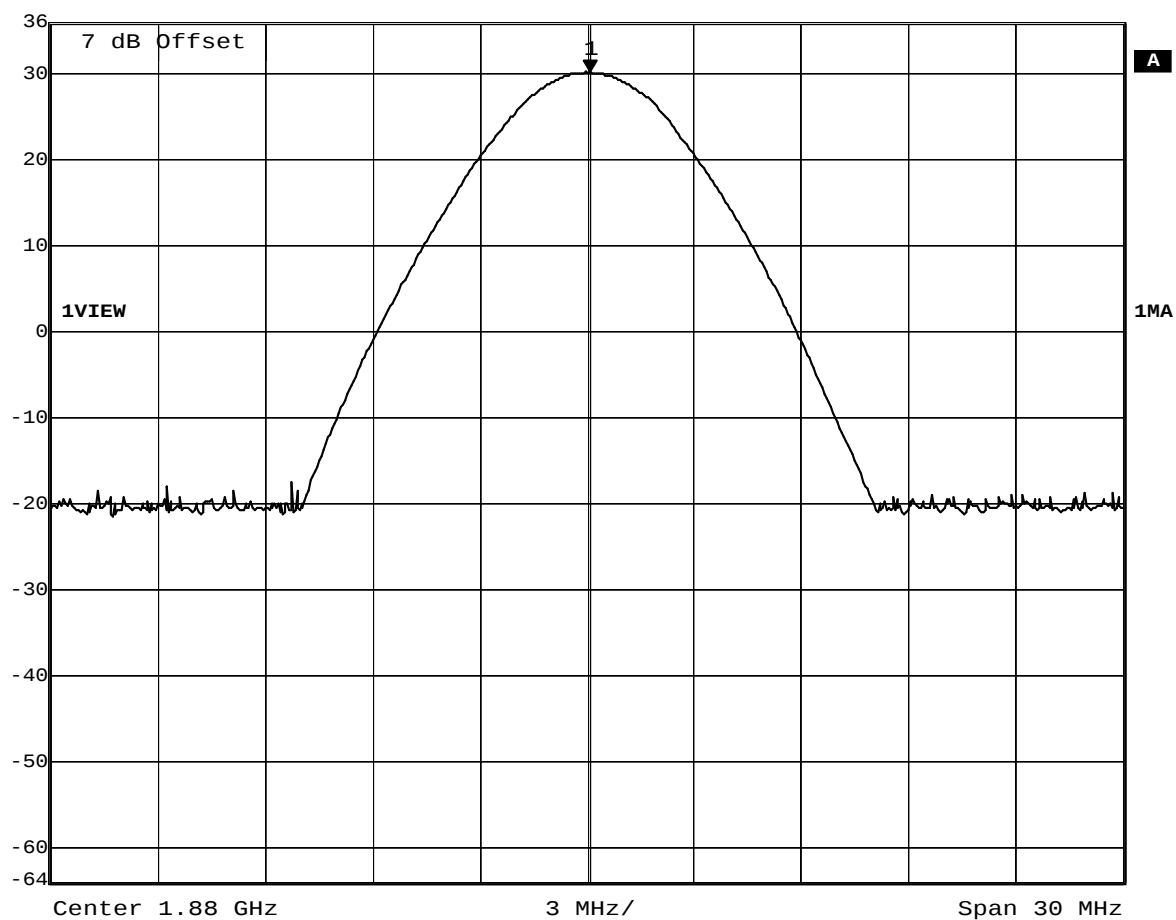
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 30.10 dBm VBW 3 MHz
36 dBm 1.85010982 GHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 512
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:06:38



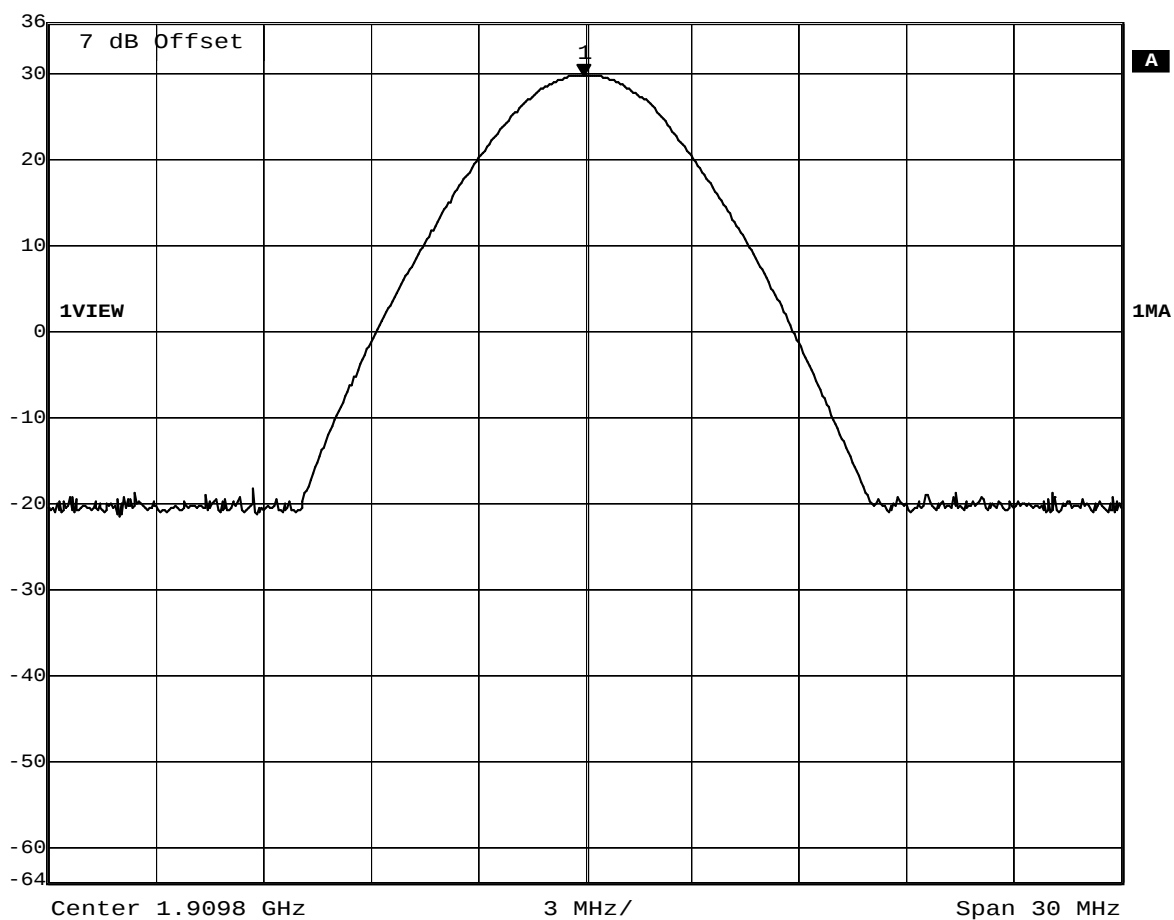
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 30.02 dBm VBW 3 MHz
36 dBm 1.88009018 GHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 661
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:07:44



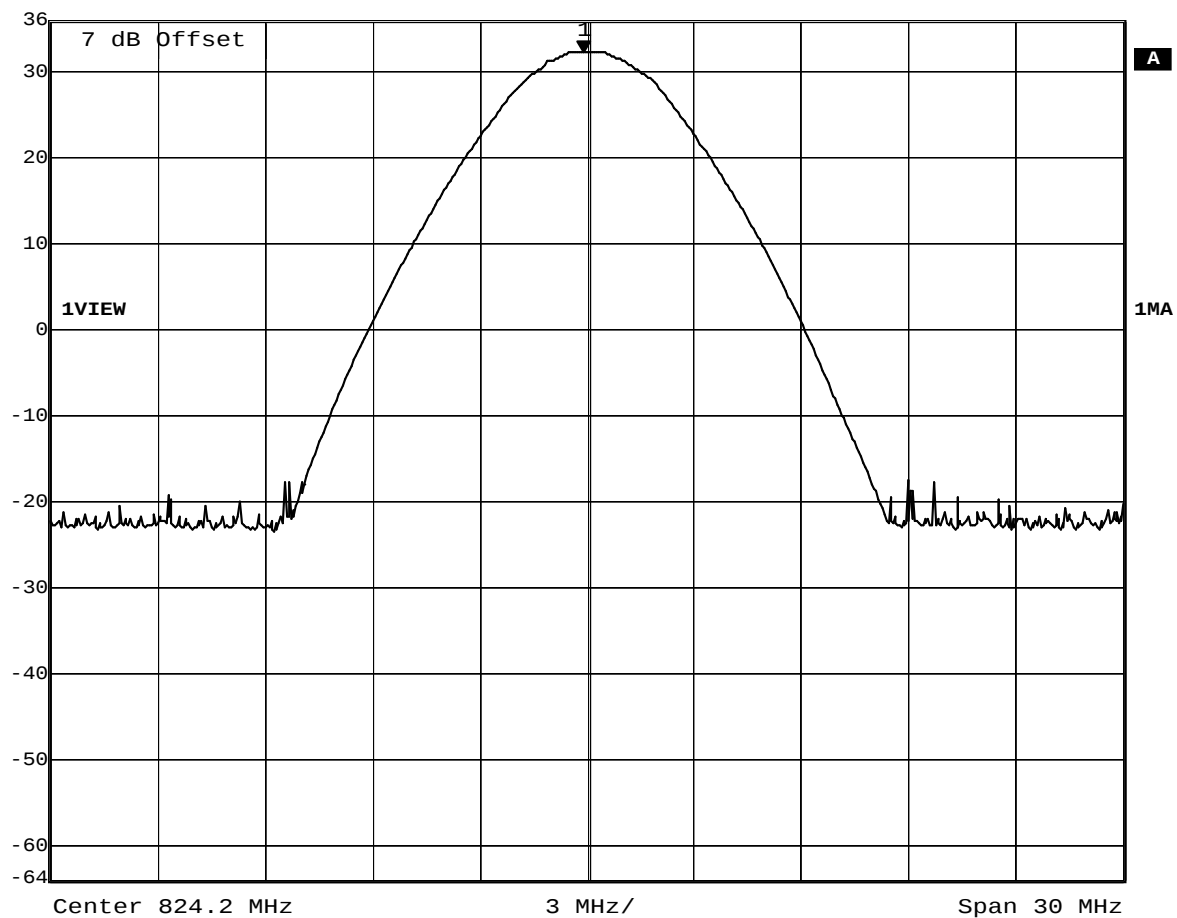
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 29.69 dBm VBW 3 MHz
36 dBm 1.90976994 GHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 810
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:08:42



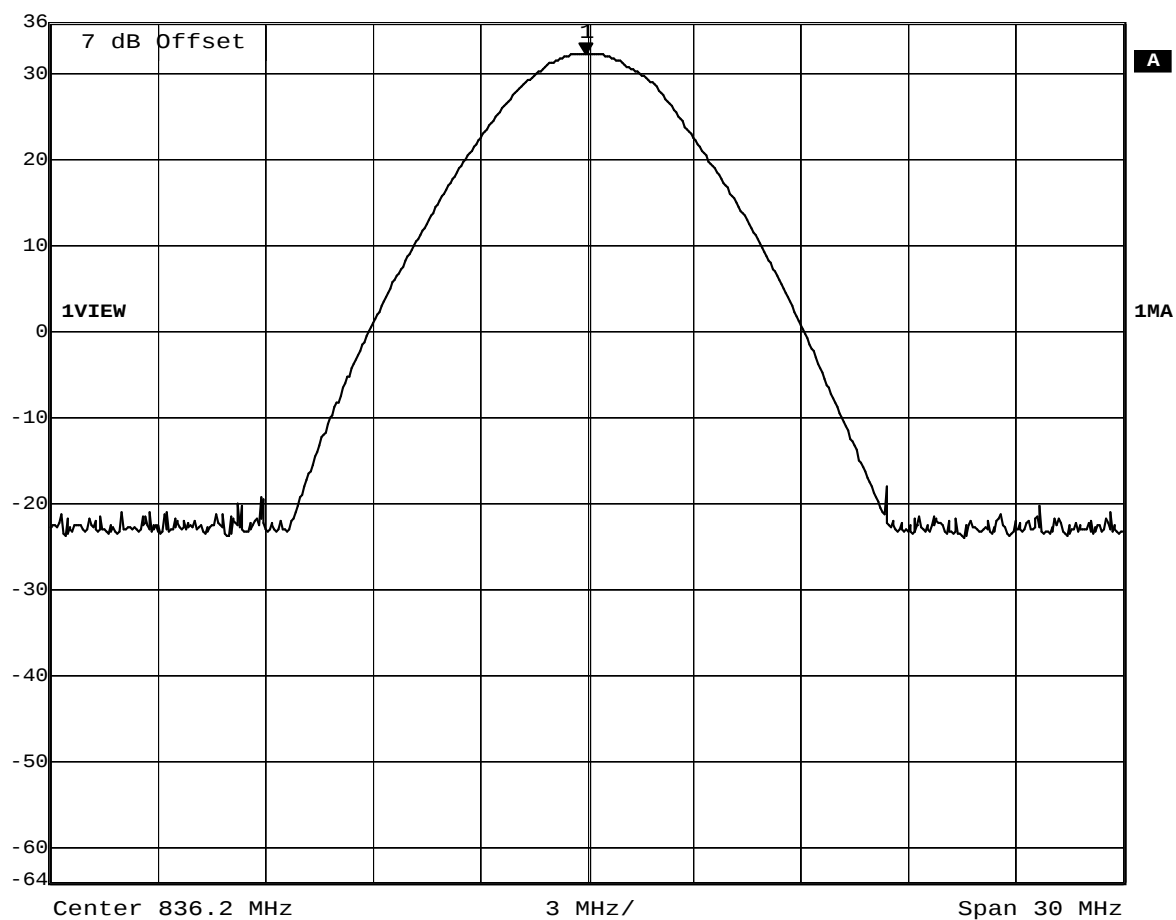
Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
36 dBm	32.24 dBm	VBW	3 MHz		
	824.10981964 MHz	SWT	5 ms	Unit	dBm



Title: Output power conducted / Channel: 128
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:35:53



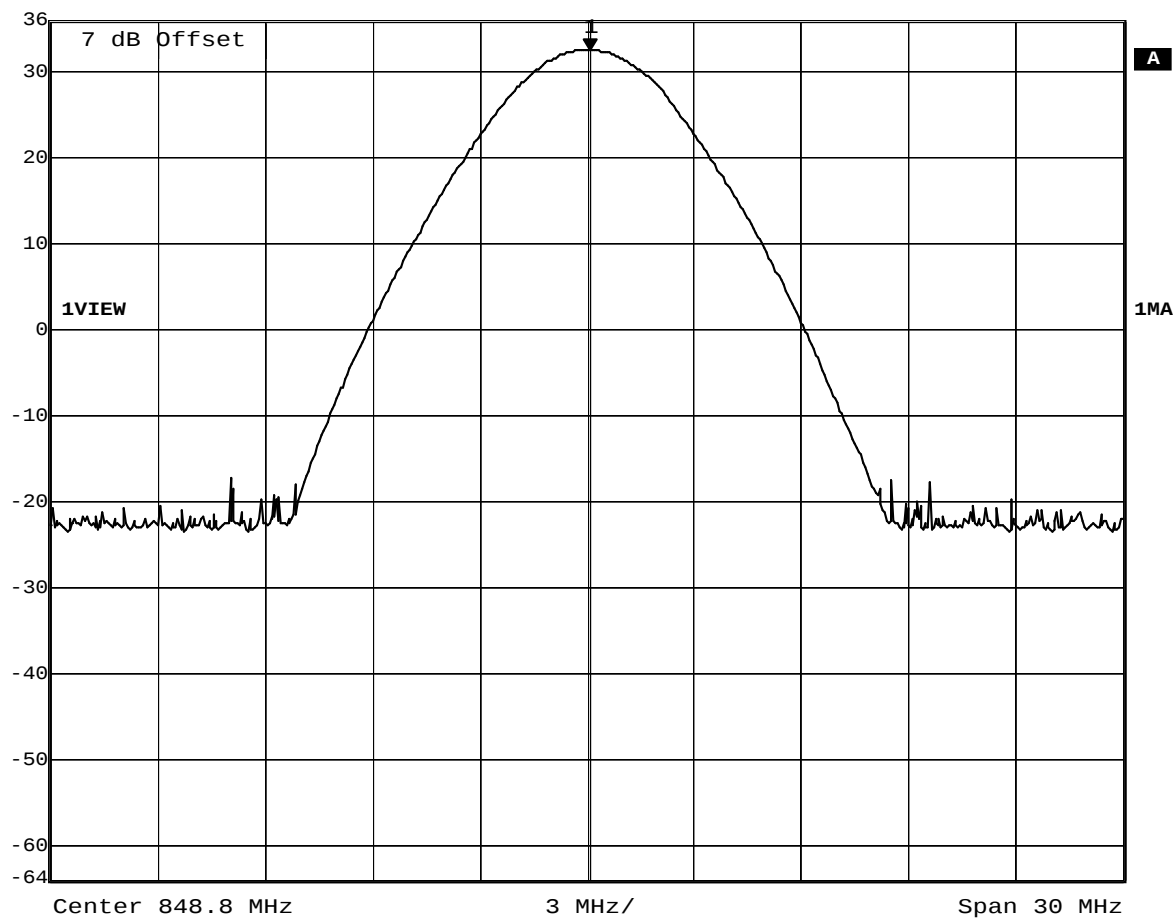
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.20 dBm VBW 3 MHz
36 dBm 836.16993988 MHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 188
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:36:50



Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.36 dBm VBW 3 MHz
36 dBm 848.89018036 MHz SWT 5 ms Unit dBm



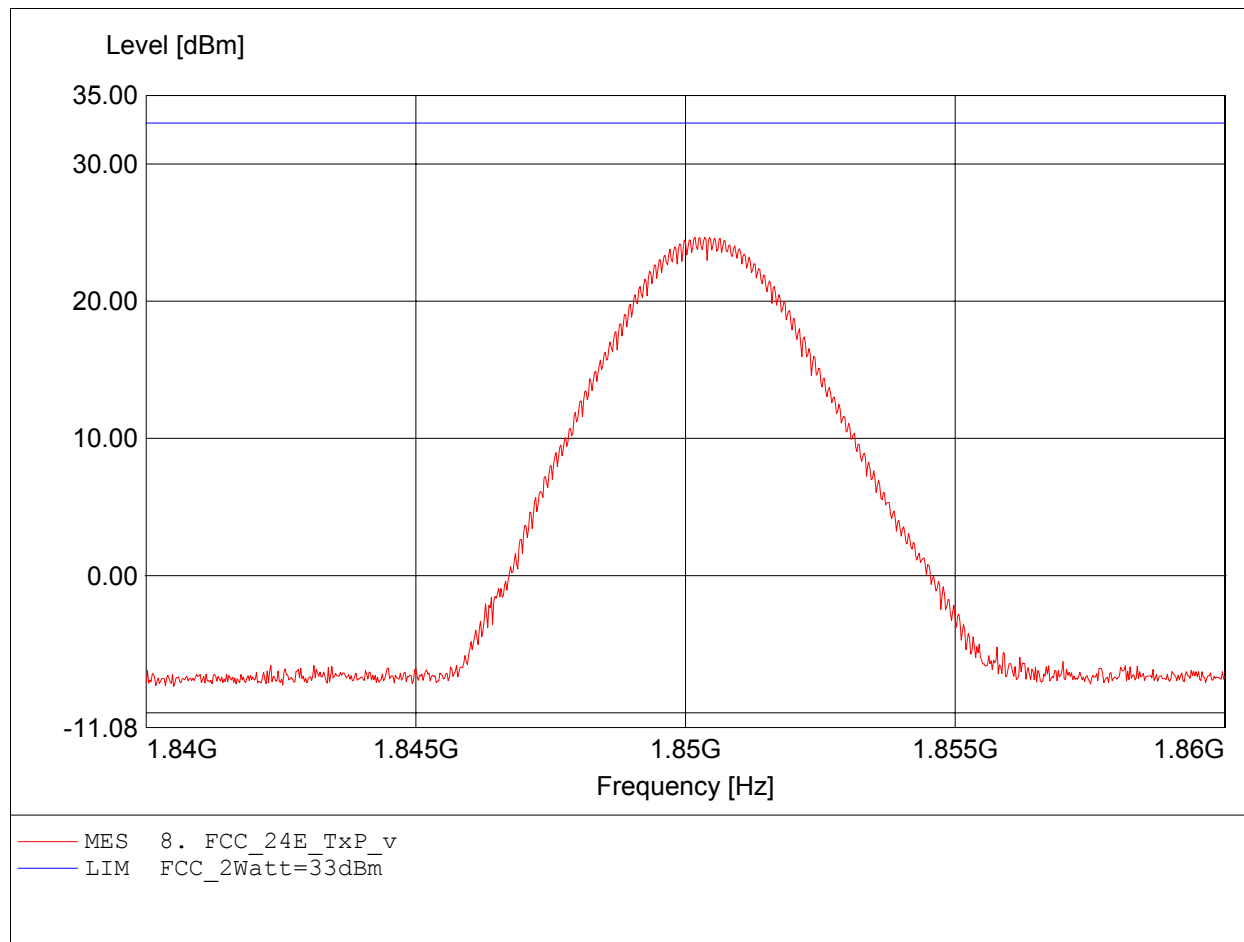
Title: Output power conducted / Channel: 251
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:37:49

Appendix C

ERP, EIRP

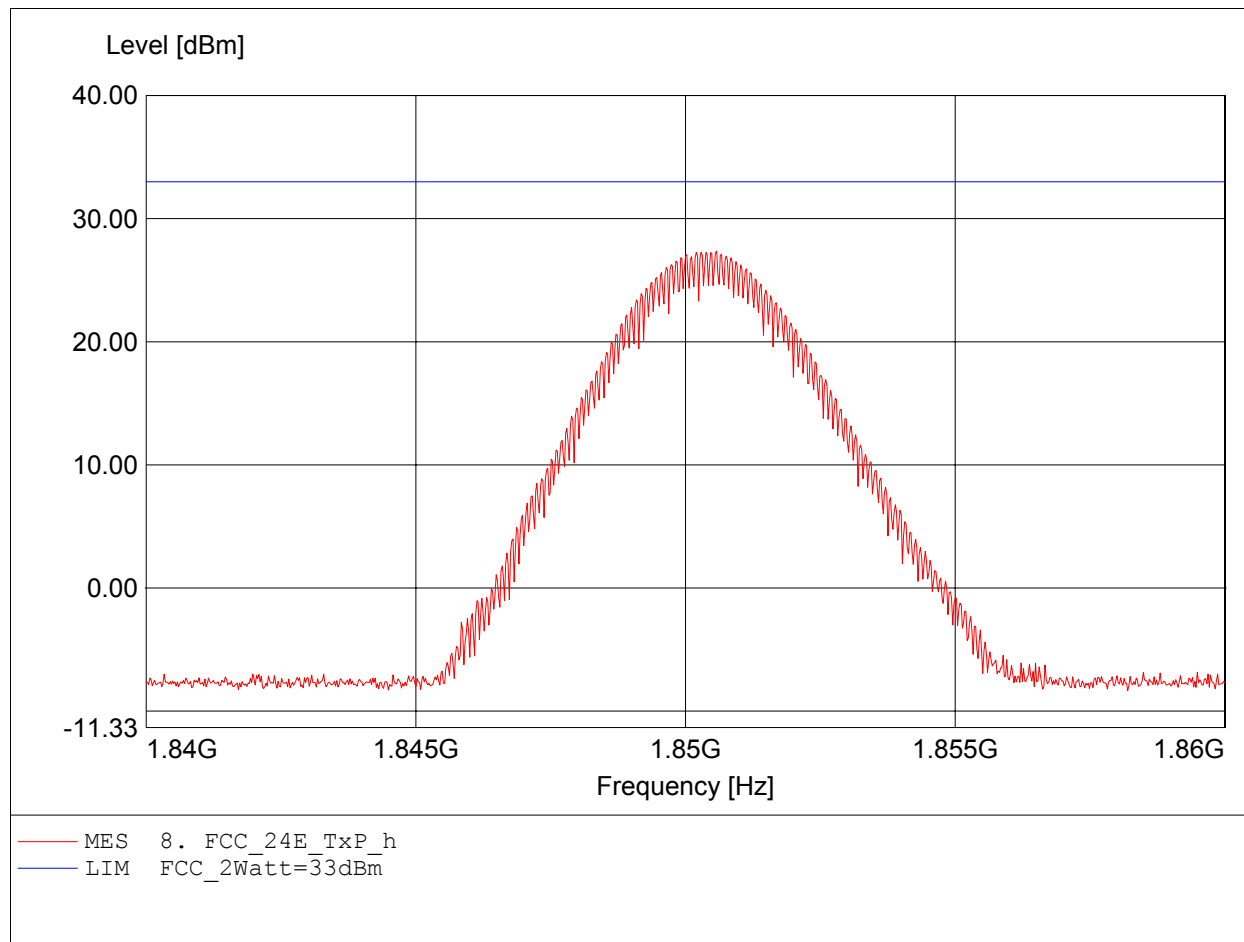
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 24.66dBm, RBW: 3MHz



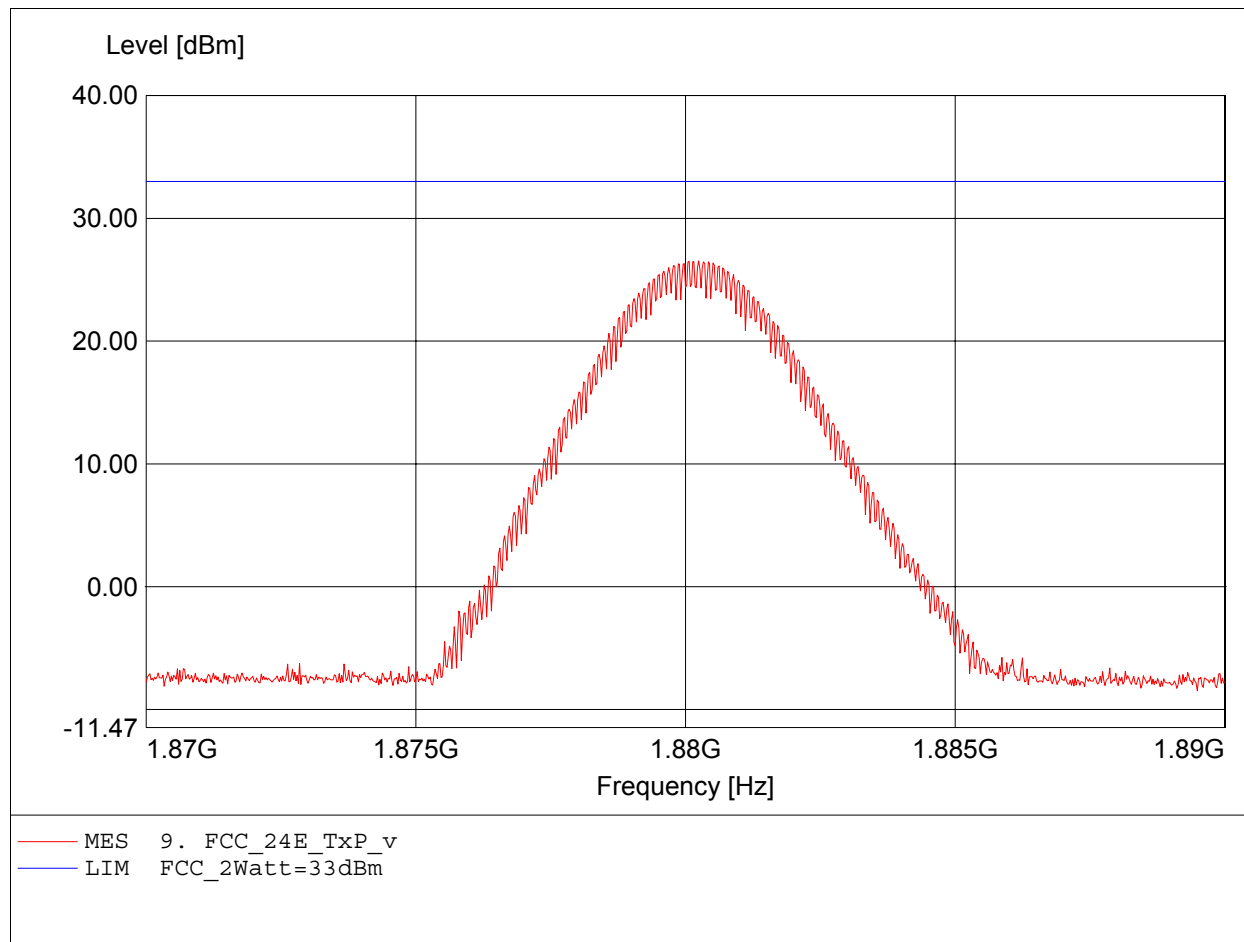
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.851GHz, Pmax: 27.36dBm, RBW: 3MHz



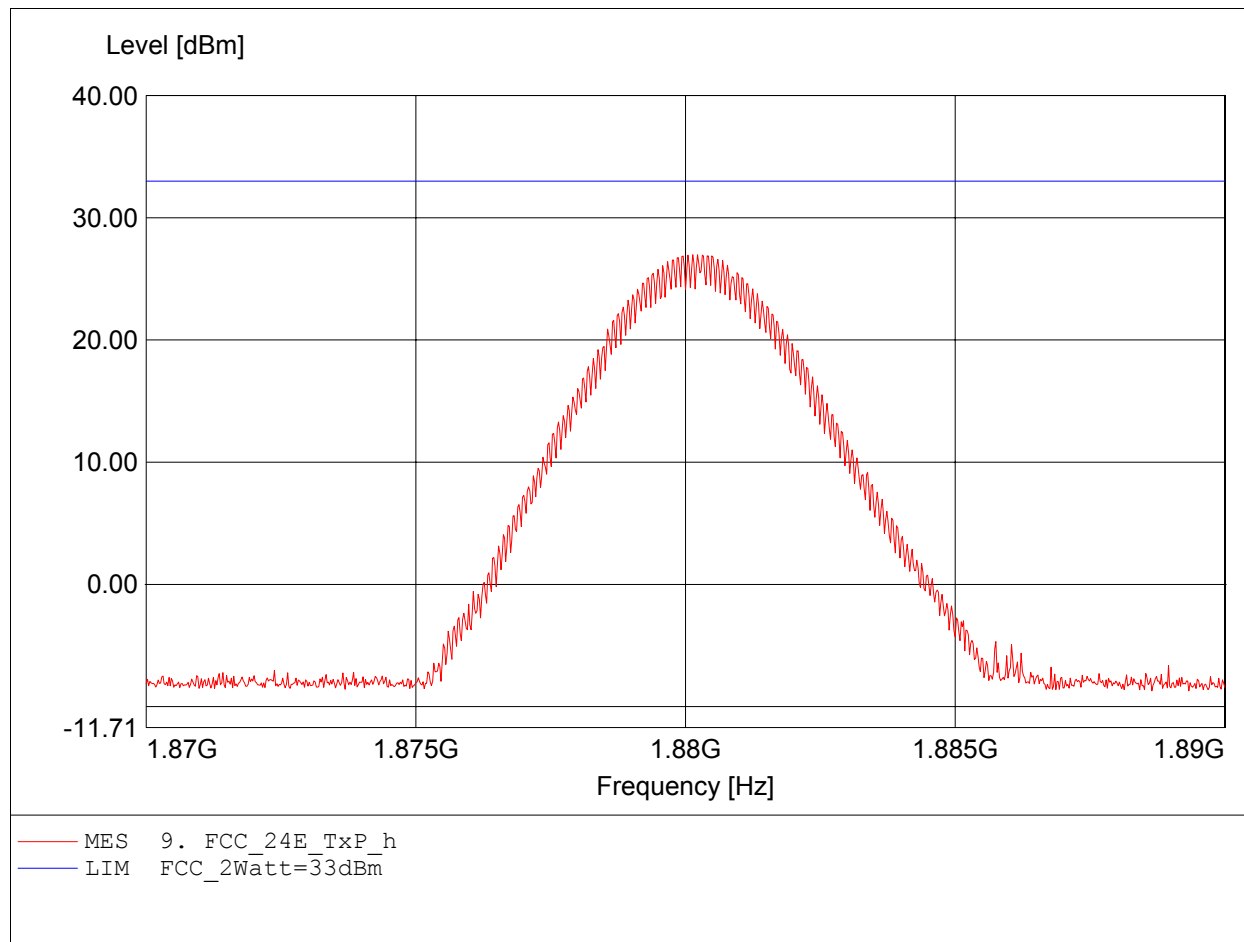
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 26.53dBm, RBW: 3MHz



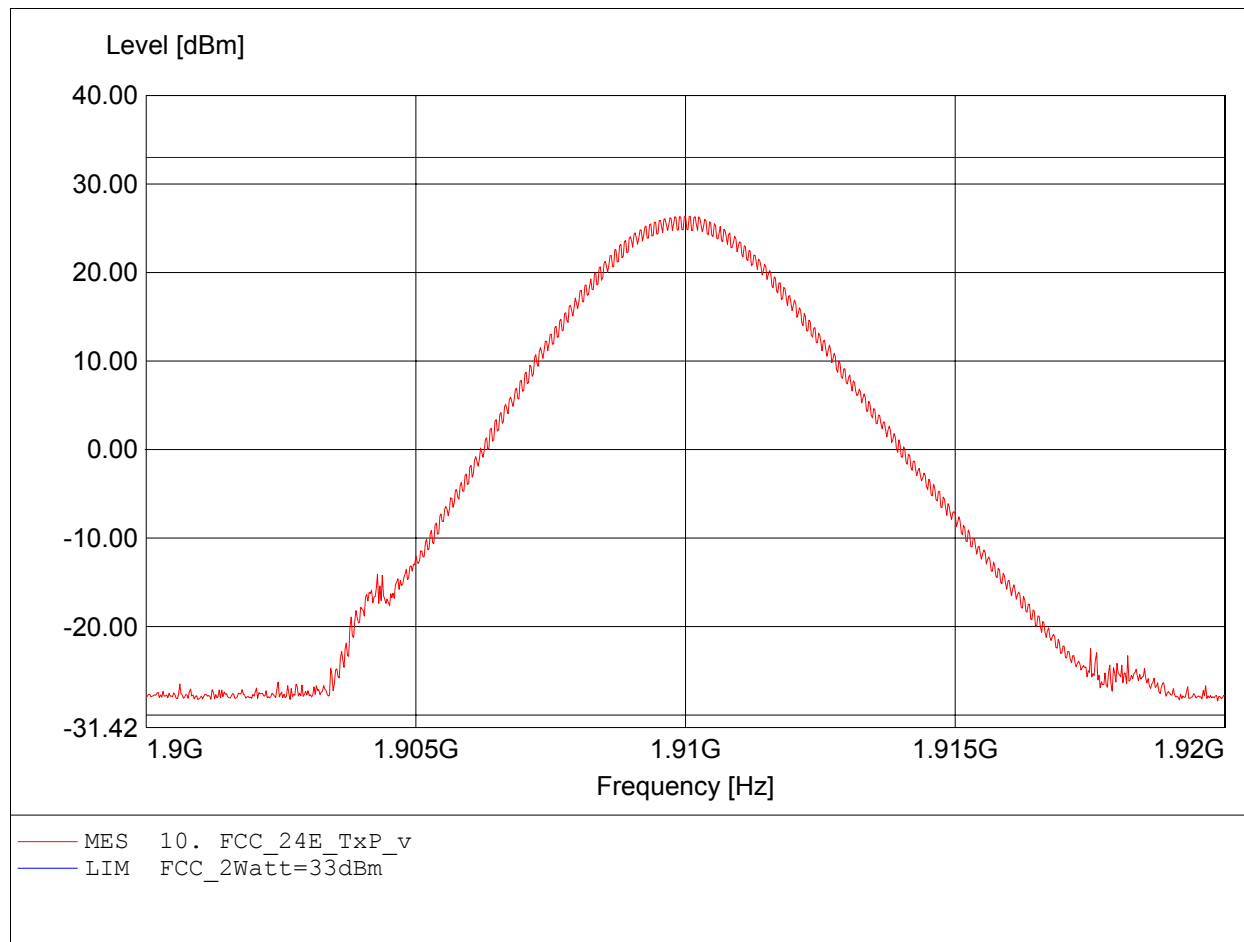
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 26.97dBm, RBW: 3MHz



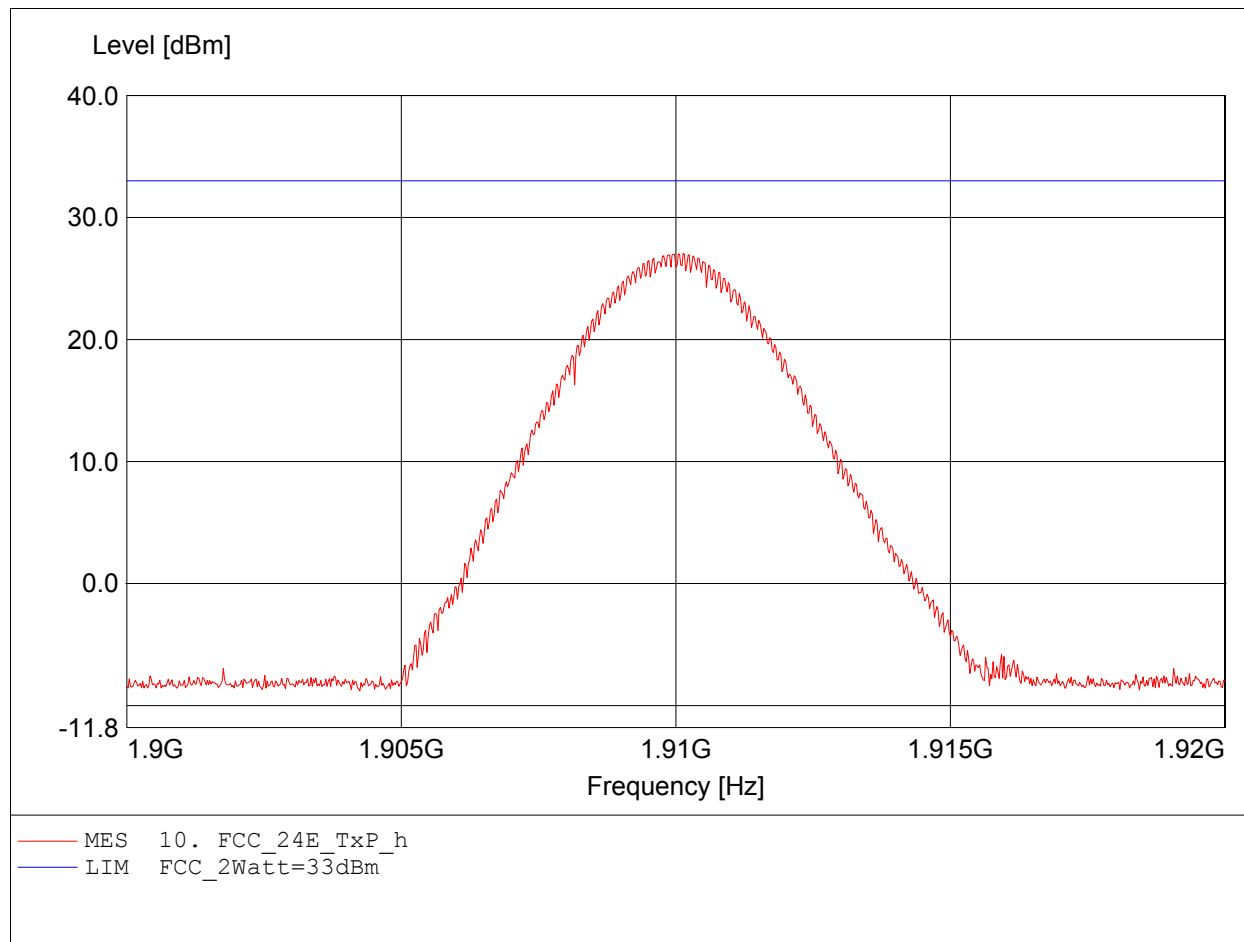
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 26.40dBm, RBW: 3MHz



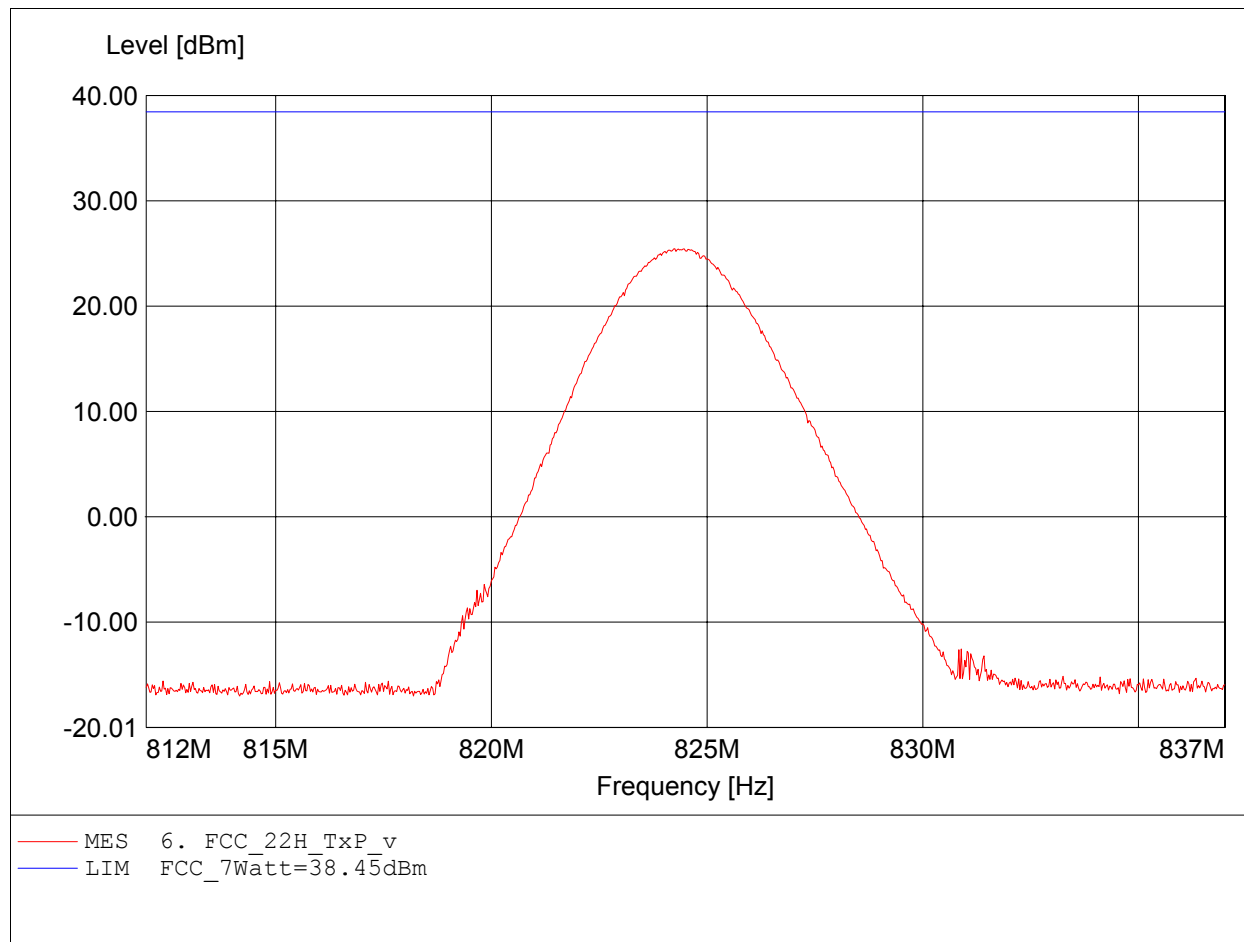
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 27.05dBm, RBW: 3MHz



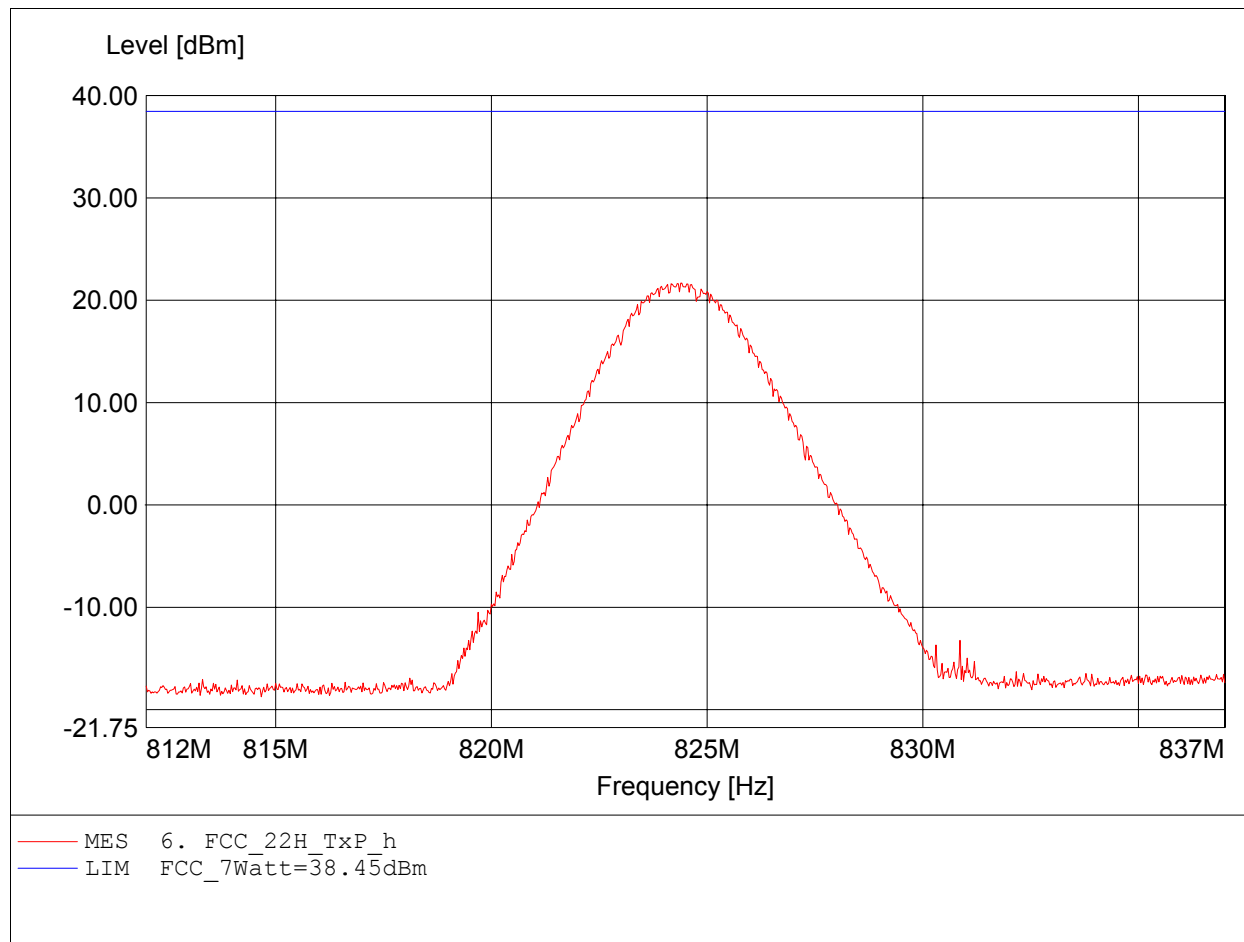
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.250MHz, Pmax: 25.46dBm, RBW: 3MHz



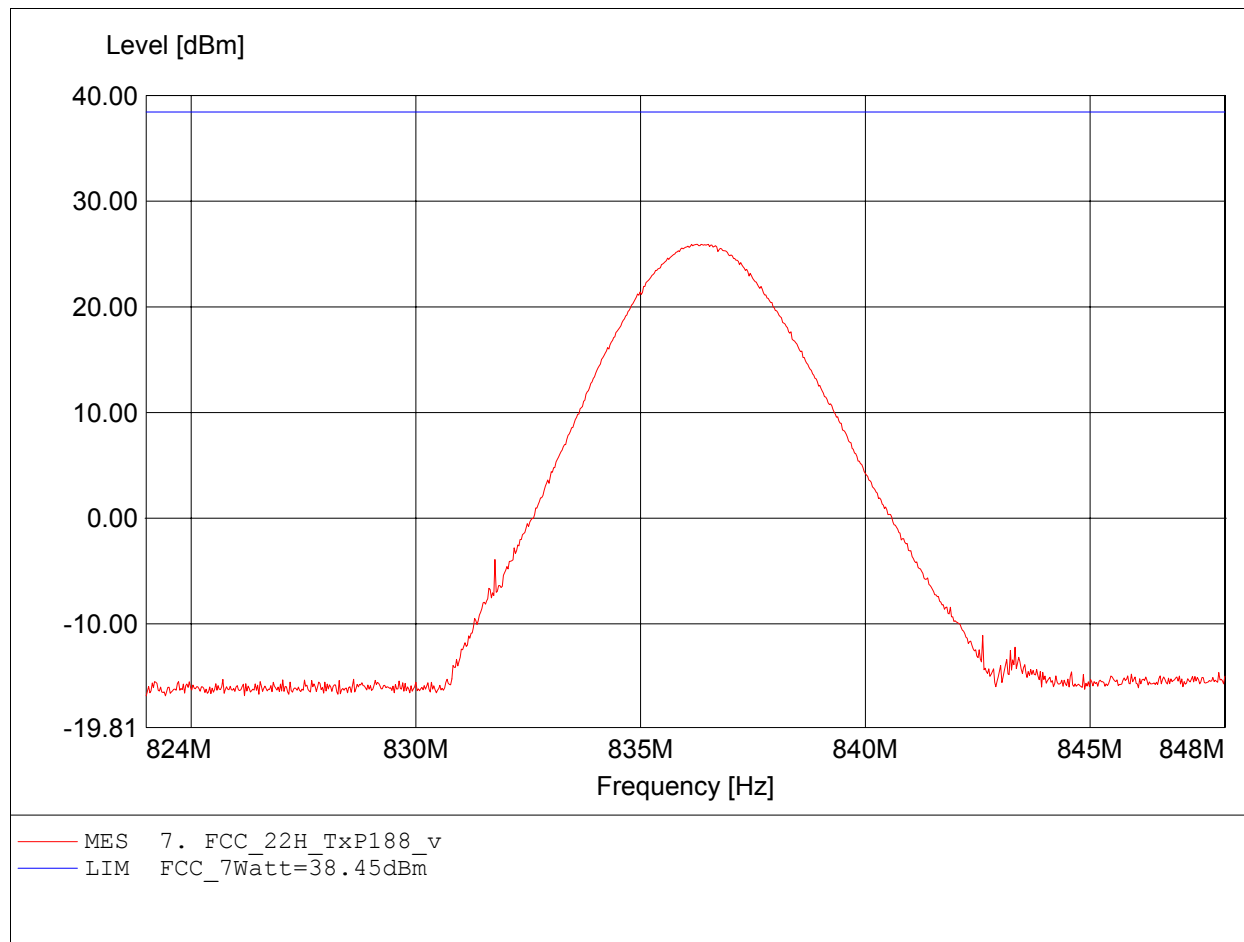
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.417MHz, Pmax: 21.67dBm, RBW: 3MHz



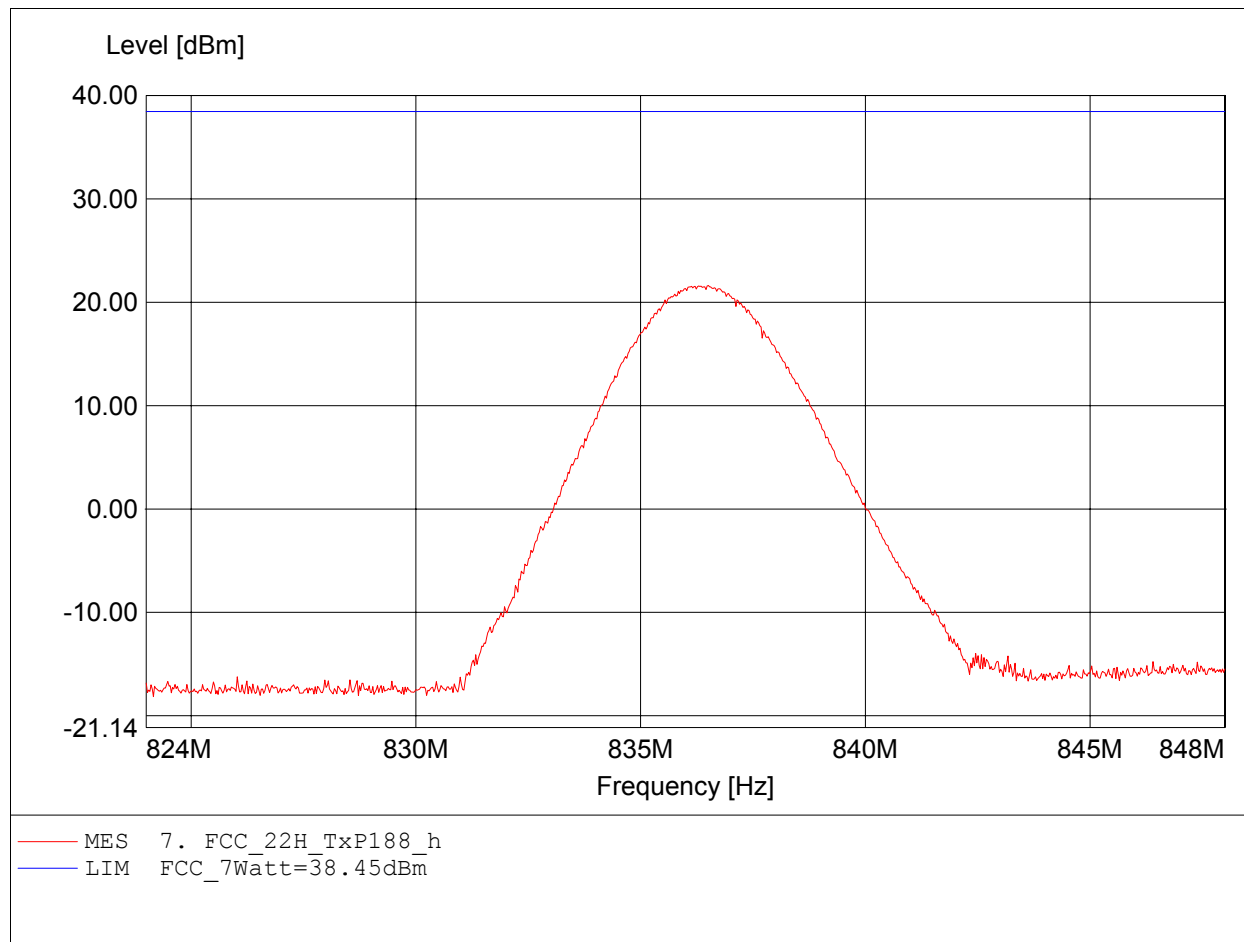
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.507MHz, Pmax: 25.91dBm, RBW: 3MHz



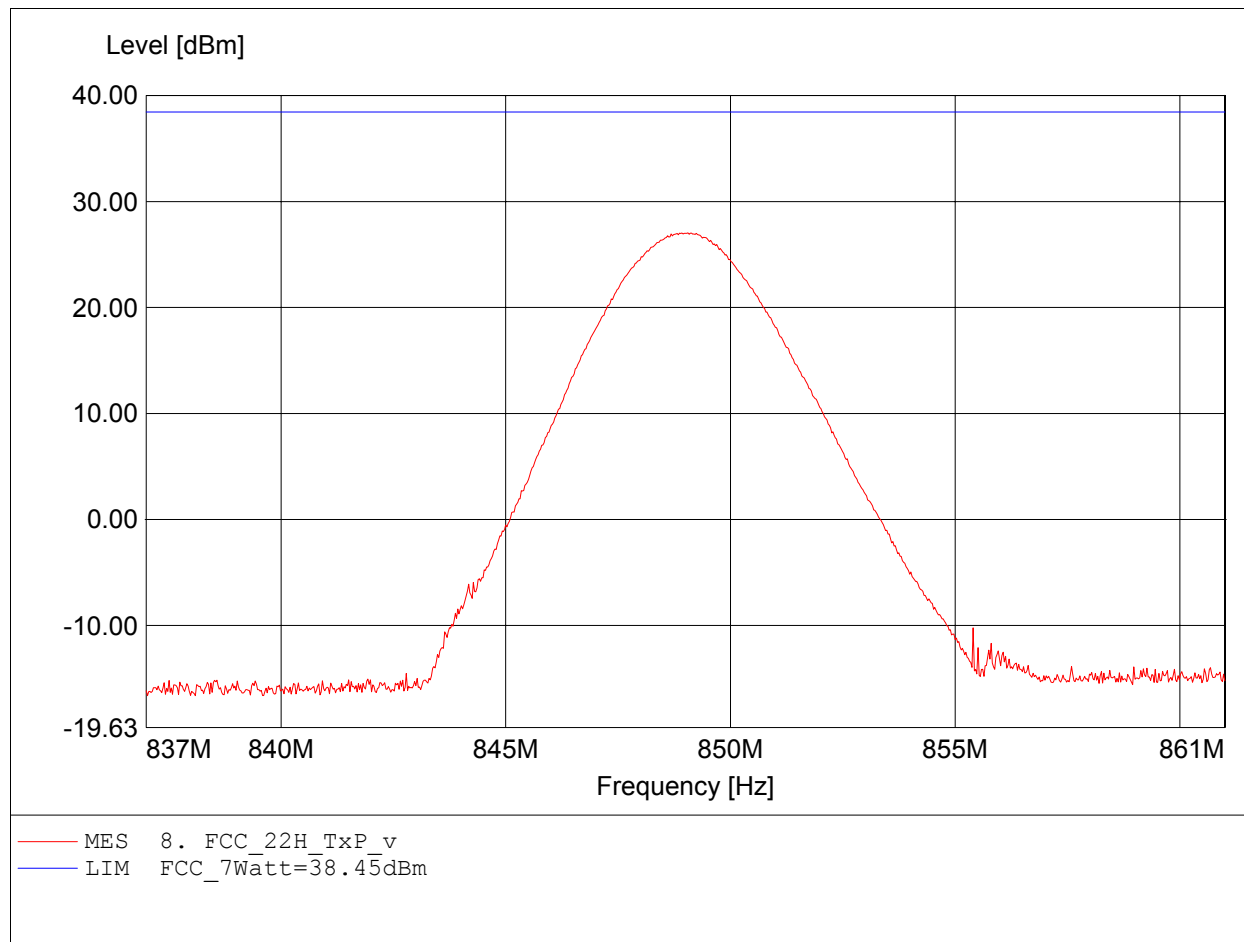
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.507MHz, Pmax: 21.63dBm, RBW: 3MHz



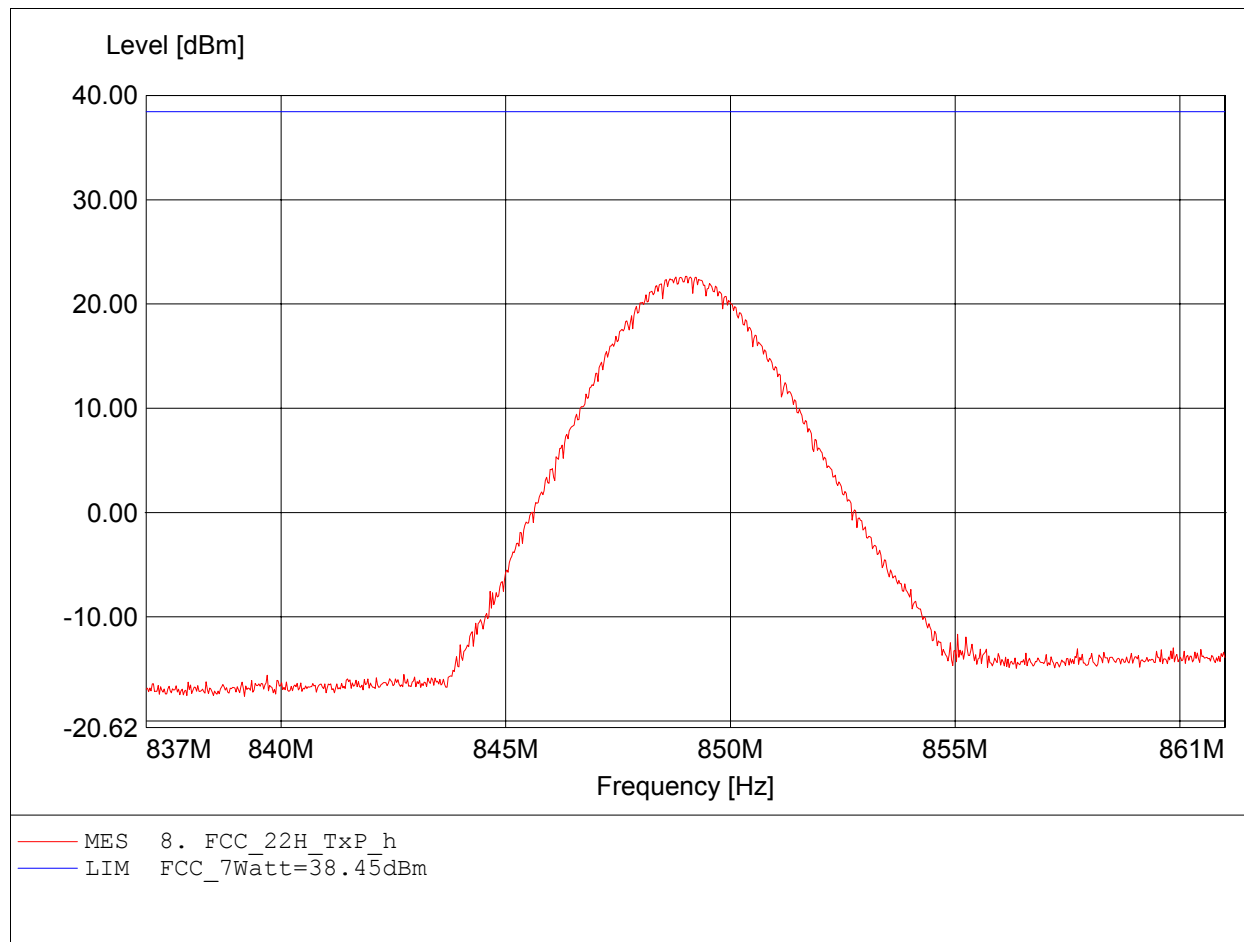
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 849.053MHz, Pmax: 27.03dBm, RBW: 3MHz



Effective Radiated Power
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 849.027MHz, Pmax: 22.66dBm, RBW: 3MHz



Appendix D

Modulation Requirements

Appendix E

Audio Filter Characteristics

Appendix F

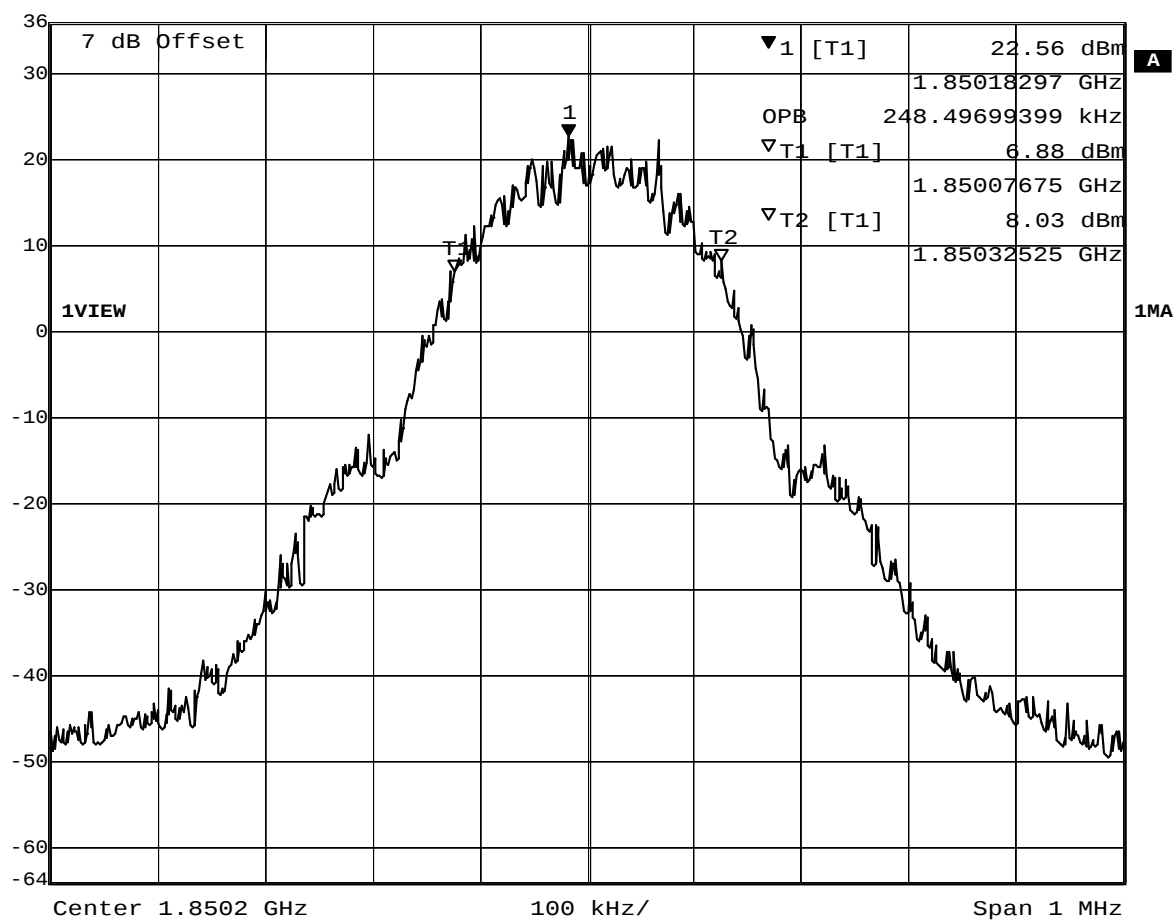
Emission Limitation

Appendix G

Occupied Bandwidth



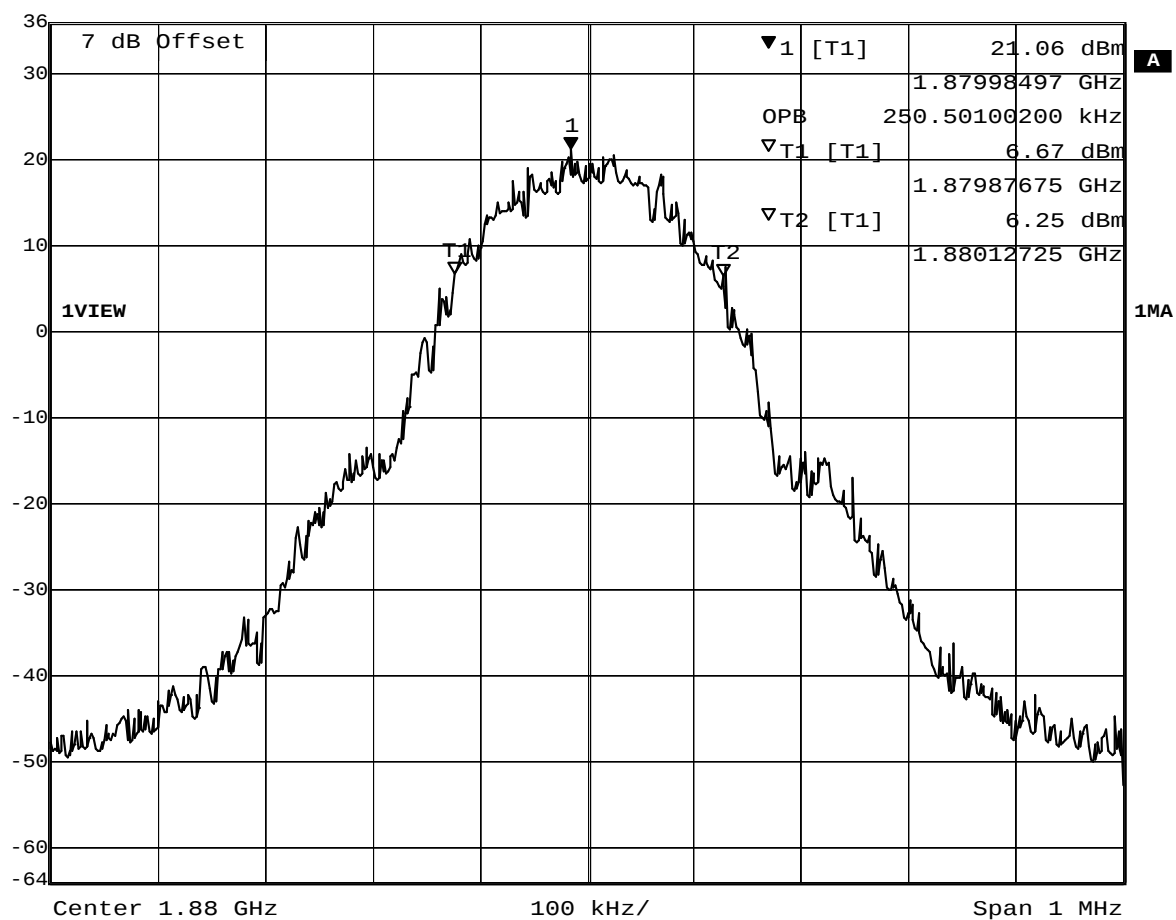
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 22.56 dBm VBW 3 kHz
36 dBm 1.85018297 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth \ Channel: 512
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:13:34



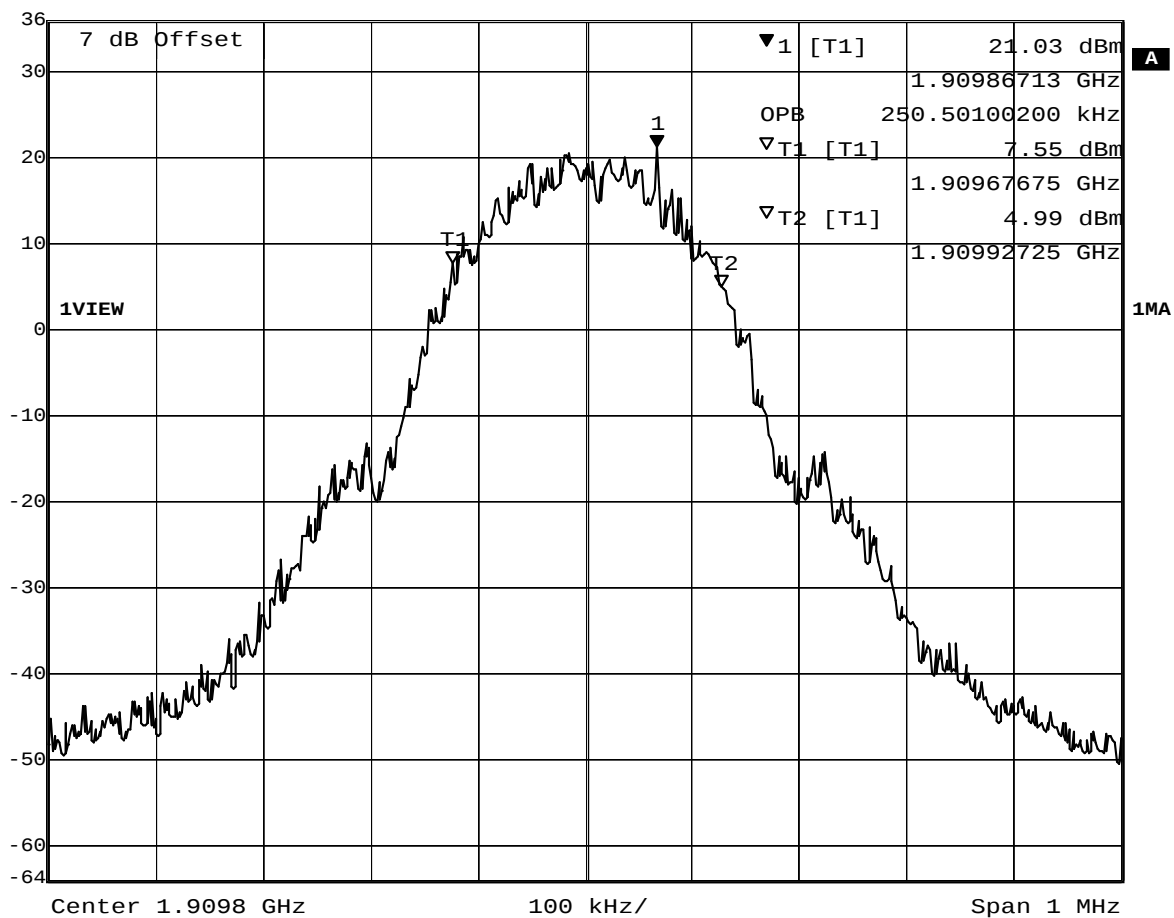
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 21.06 dBm VBW 3 kHz
36 dBm 1.87998497 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 661
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:14:44



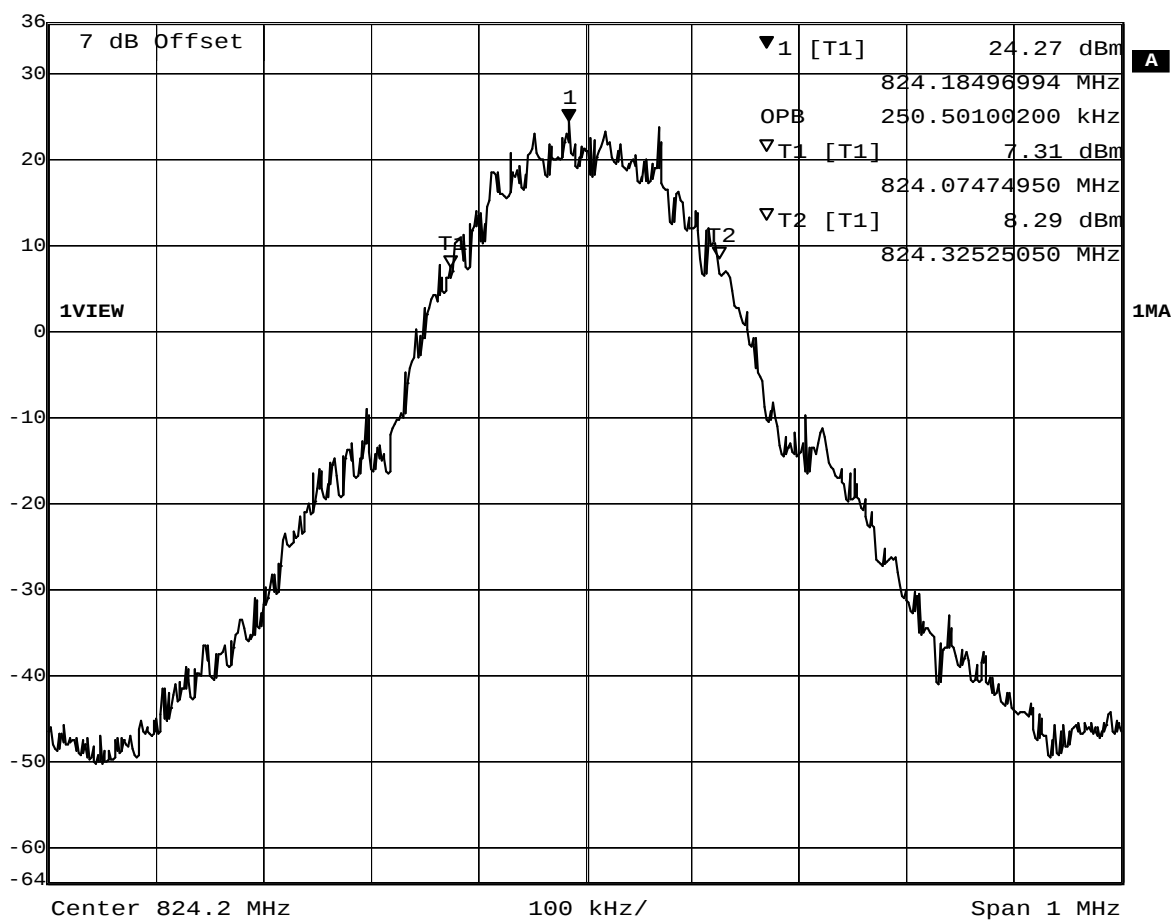
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 21.03 dBm VBW 3 kHz
36 dBm 1.90986713 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 810
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:15:57



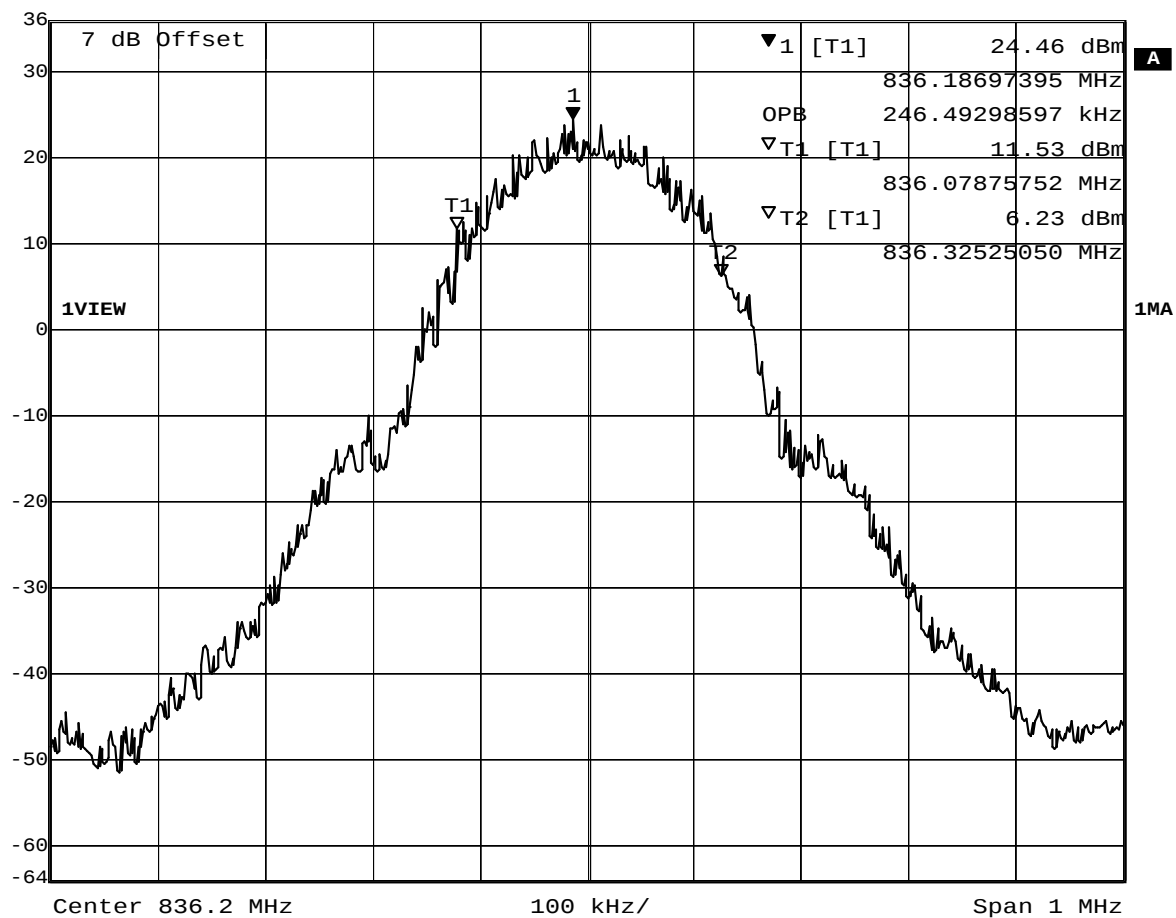
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.27 dBm VBW 3 kHz
36 dBm 824.18496994 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 128
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:41:20



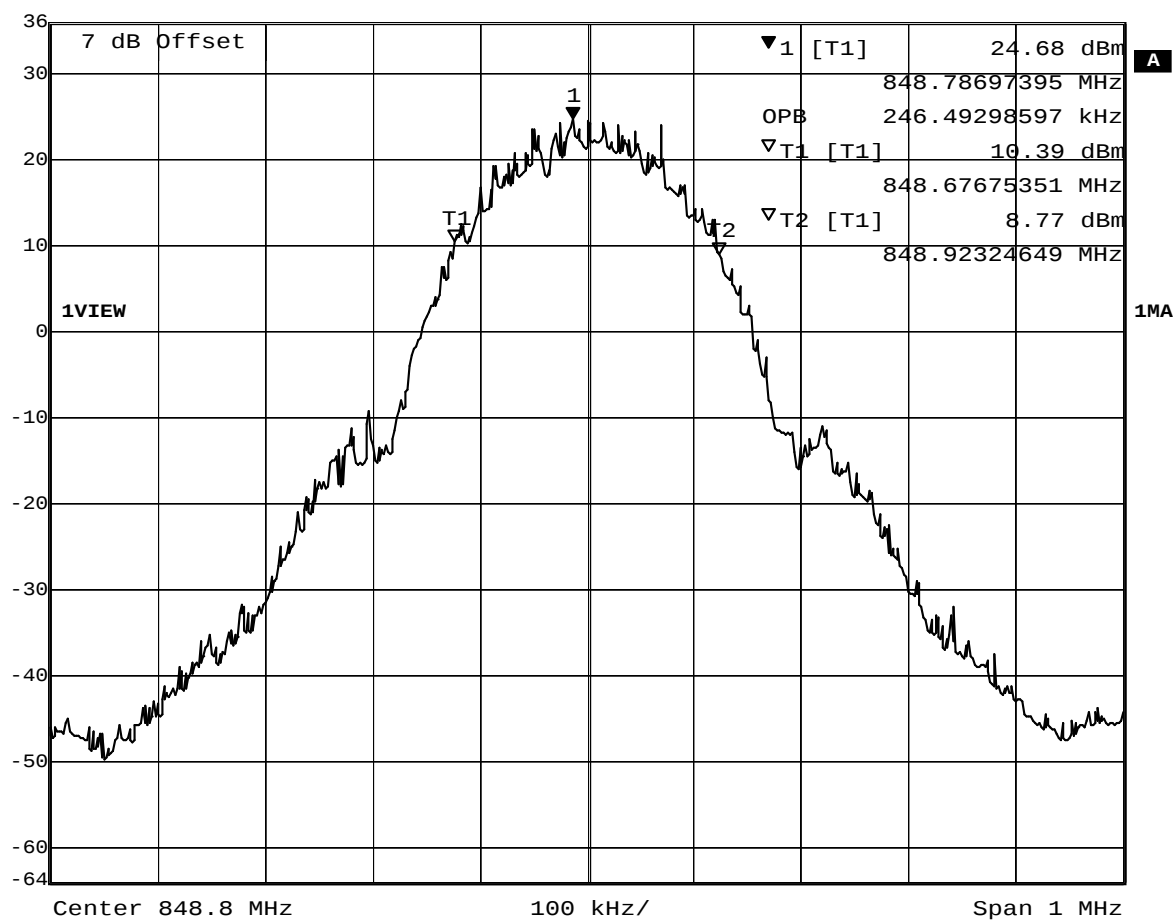
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.46 dBm VBW 3 kHz
36 dBm 836.18697395 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 188
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:42:26



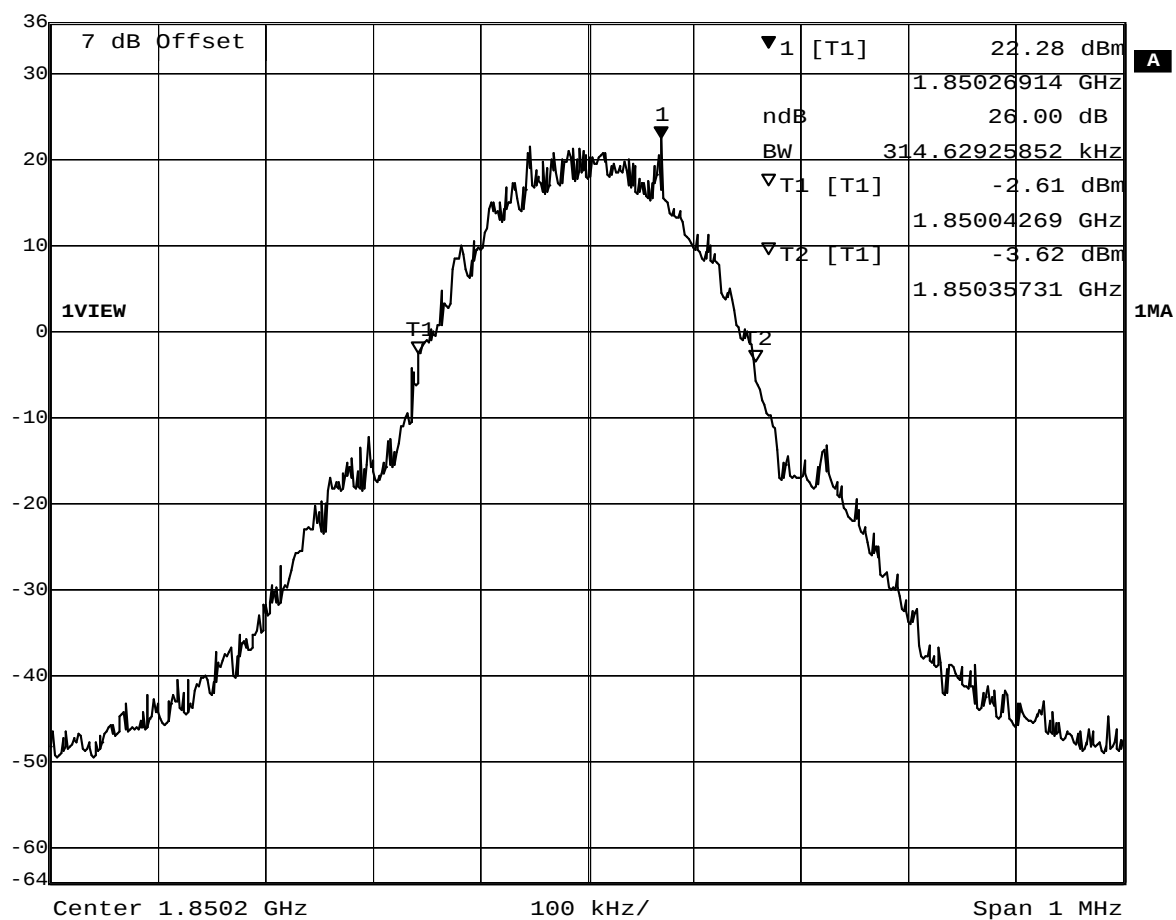
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.68 dBm VBW 3 kHz
36 dBm 848.78697395 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 251
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:44:14



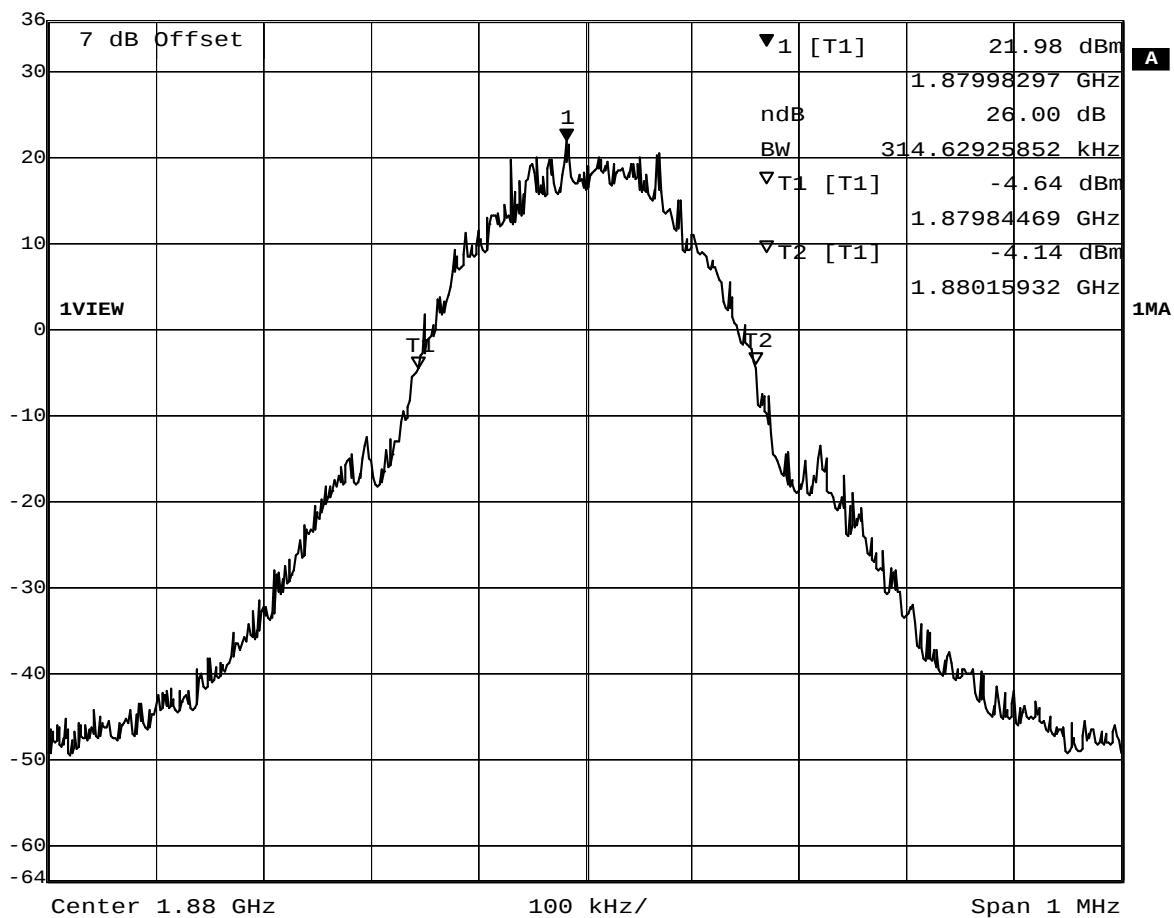
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 314.62925852 kHz SWT 280 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 512
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:18:46



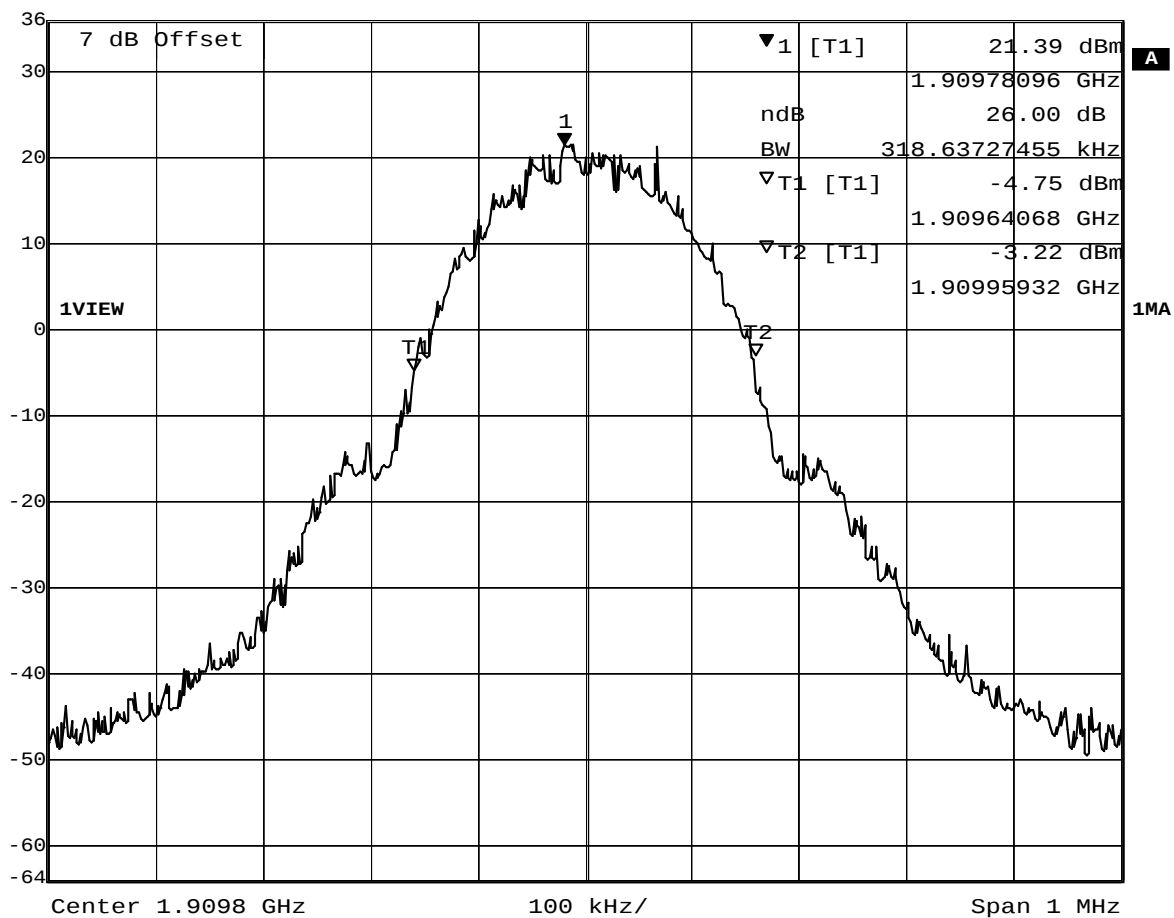
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 314.62925852 kHz SWT 280 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 661
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:20:11



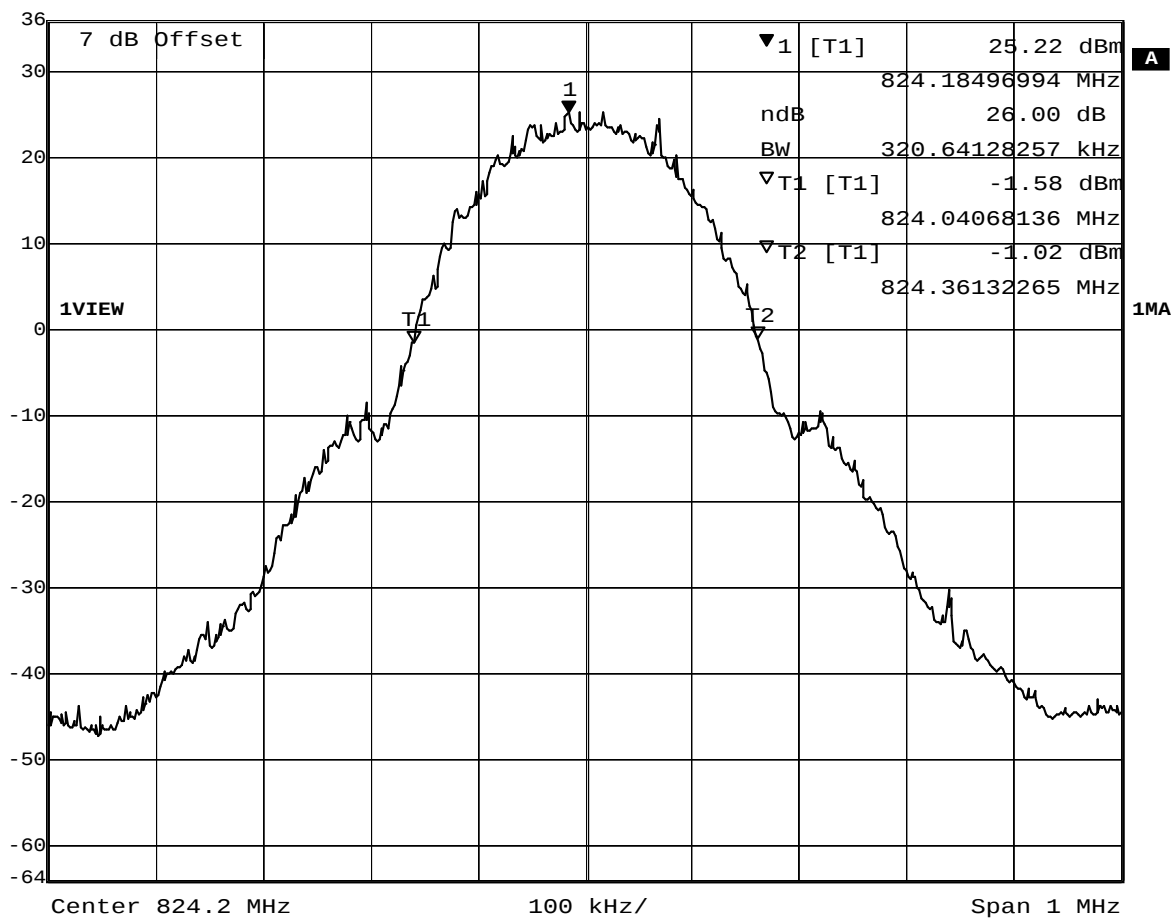
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 318.63727455 kHz SWT 280 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 810
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 07:21:59



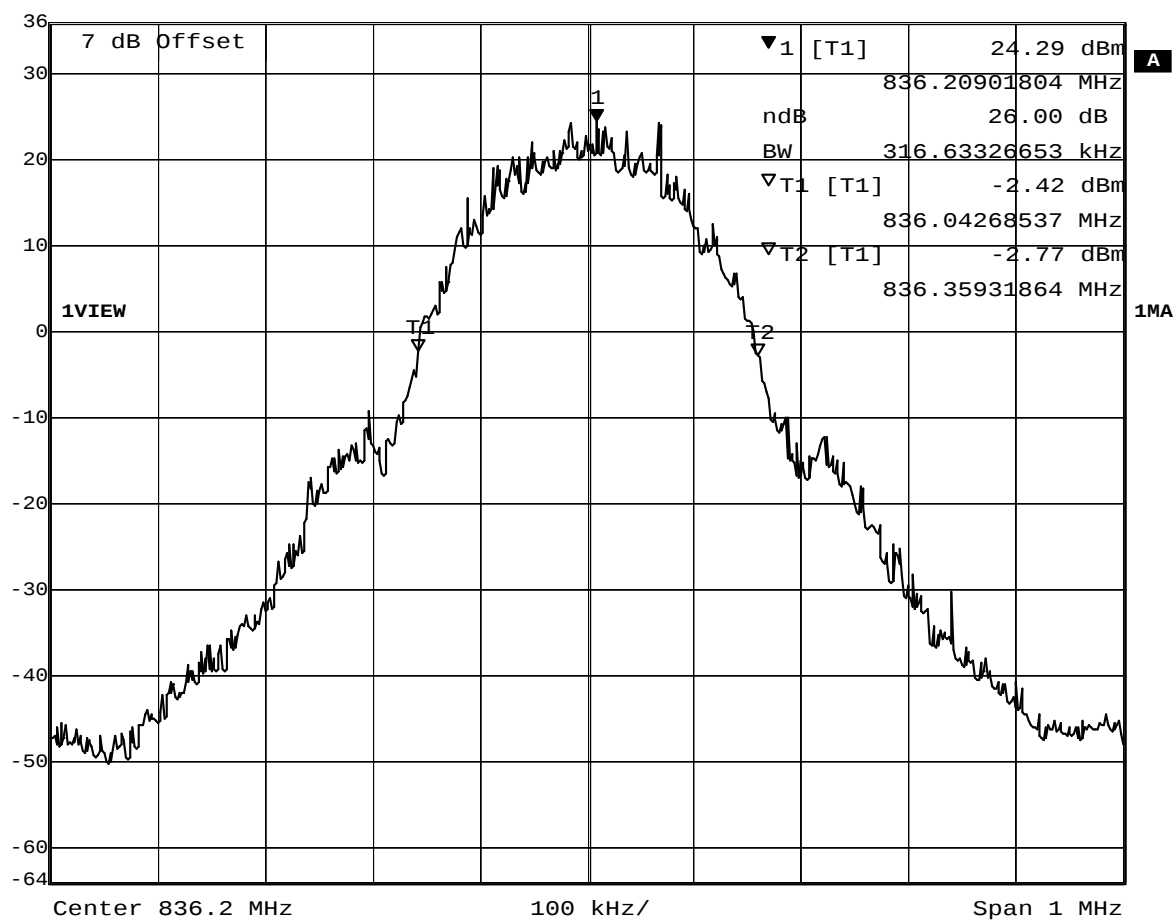
Ref Lvl 36 dBm
Marker 1 [T1 ndB] 26.00 dB
RBW 3 kHz
RF Att 50 dB
VBW 3 kHz
BW 320.64128257 kHz
SWT 280 ms
Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 128
Comment A: Dual Band GSM 850 / PCS 1900 / PG1410
Date: 19.JUL.2005 08:06:48



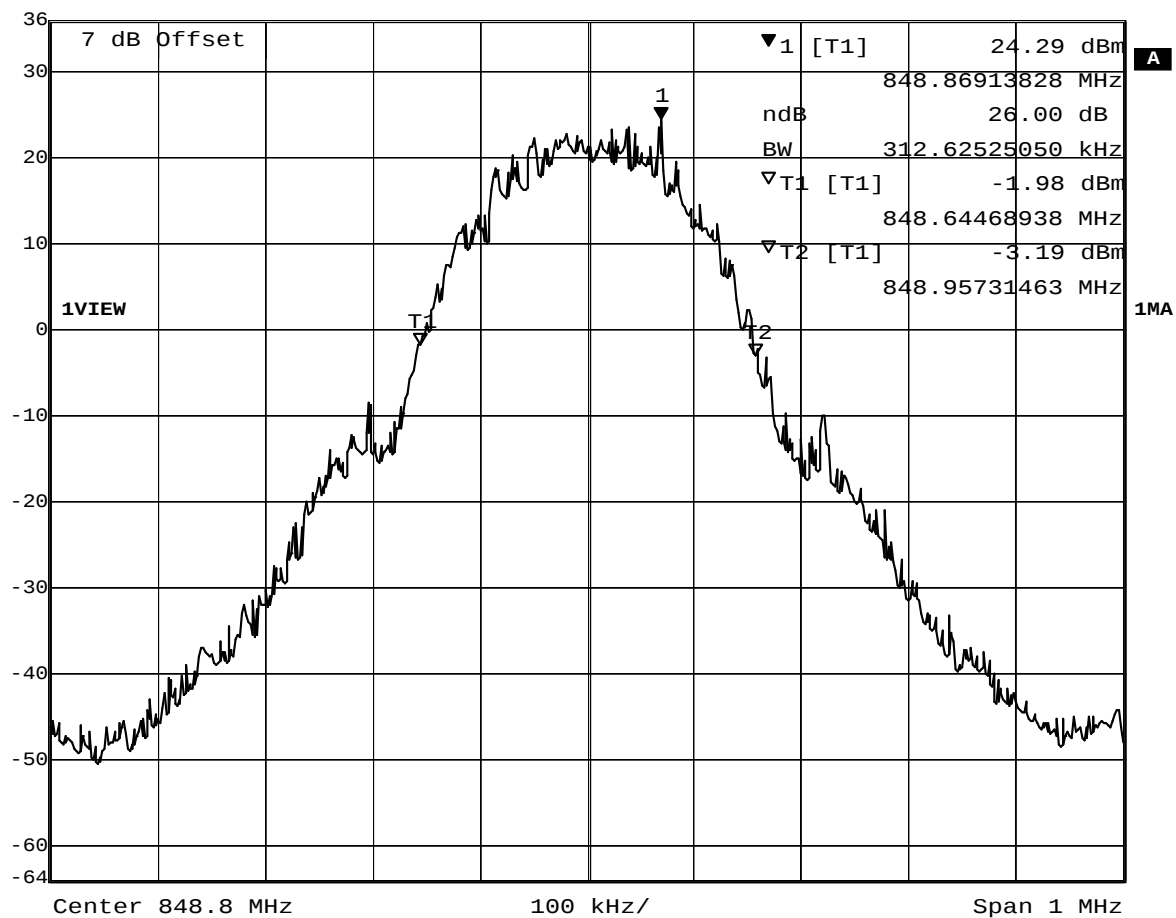
Ref Lvl 36 dBm
Marker 1 [T1 ndB] 26.00 dB
RBW 3 kHz
RF Att 50 dB
VBW 3 kHz
BW 316.63326653 kHz
SWT 280 ms
Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 188
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 08:07:55



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



Title: Emission Bandwidth (-26 dB) / Channel: 251
Comment A: Dual Band GSM 850 / PCS 1900 / PG-1410
Date: 19.JUL.2005 08:09:57

Appendix H

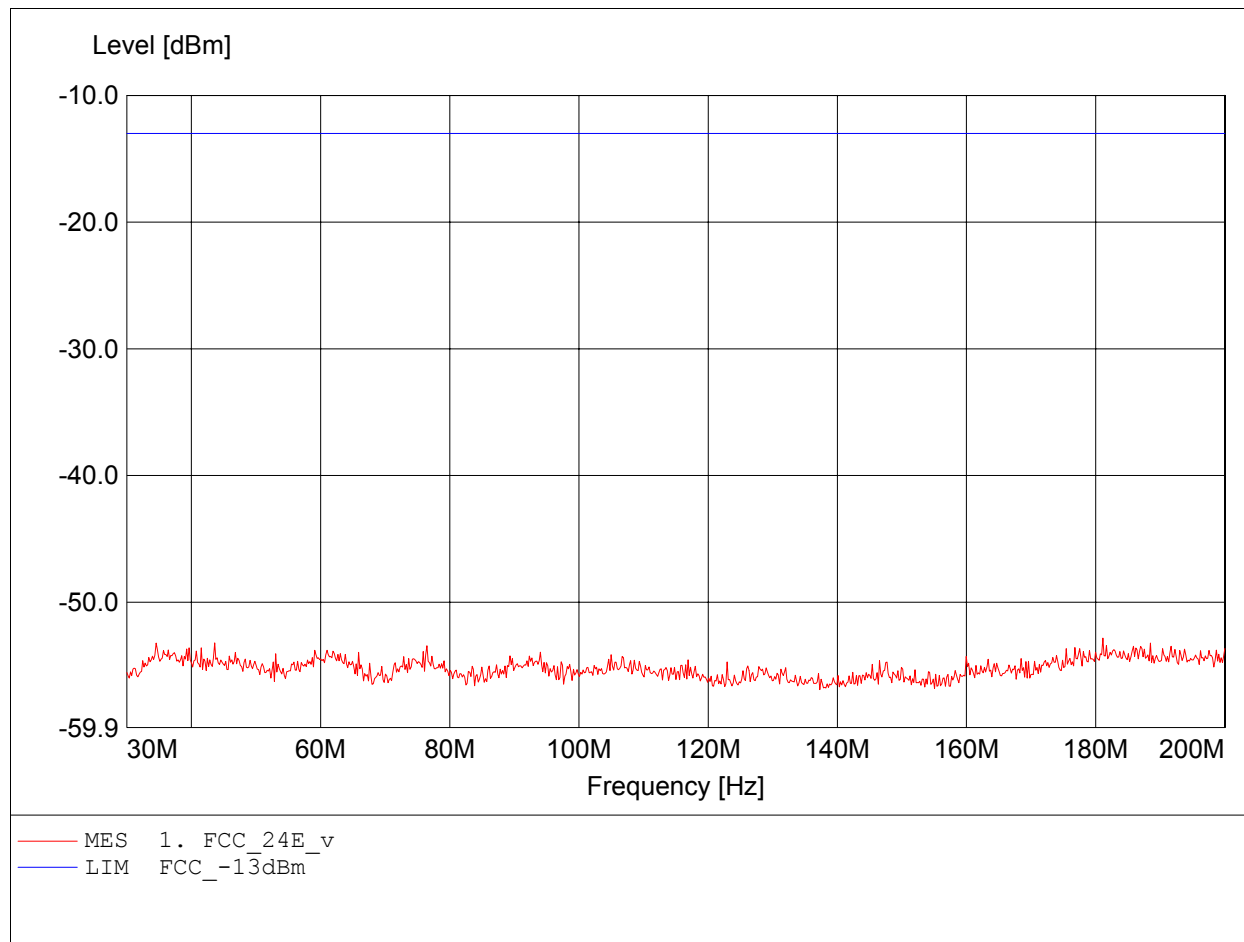
Out of Band Emission at Antenna Terminals Mobile Emissions In Base
Frequency Range

Appendix I

Field Strength of Spurious Radiation

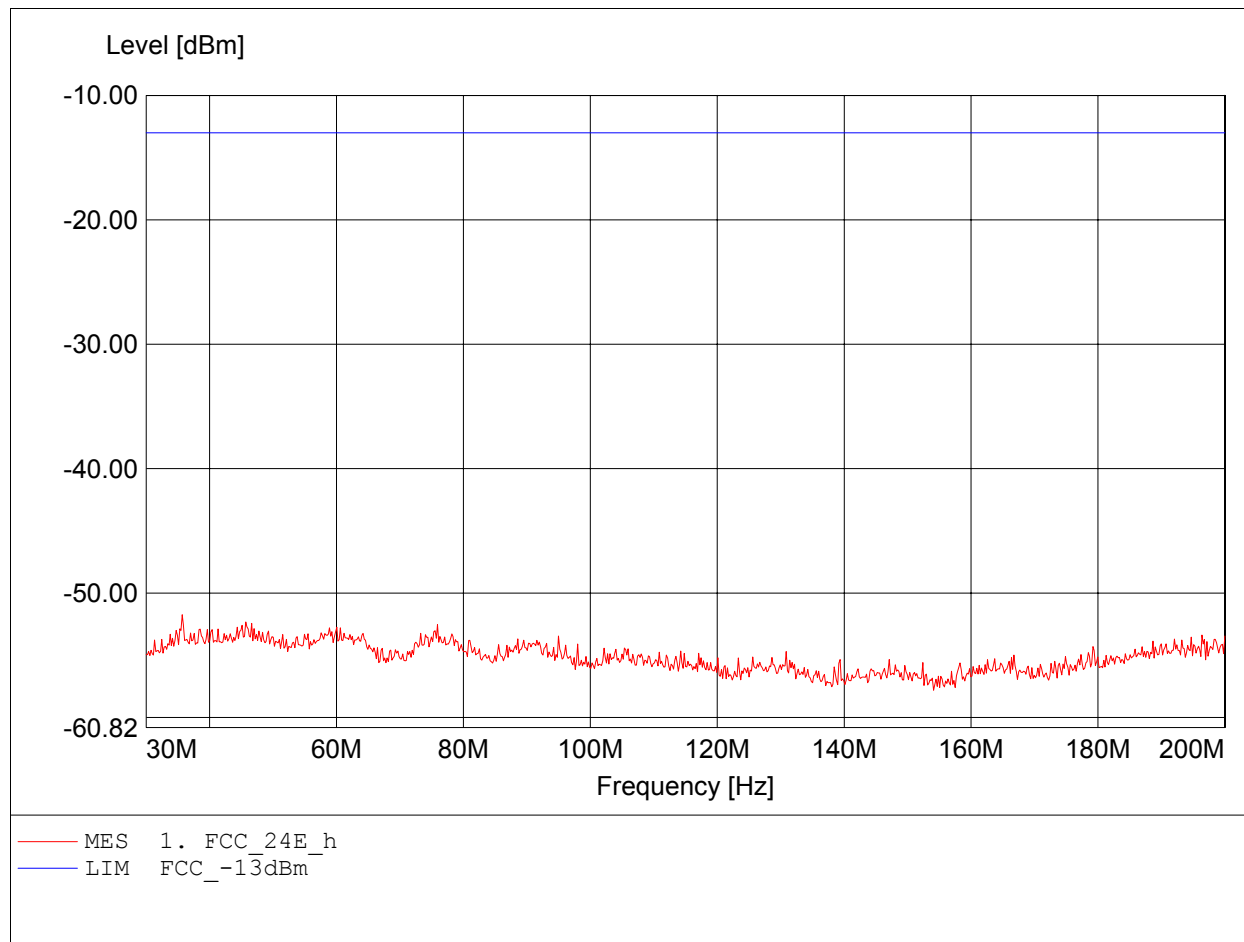
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 181.111MHz, Pmax: -52.83dBm, RBW: 1MHz



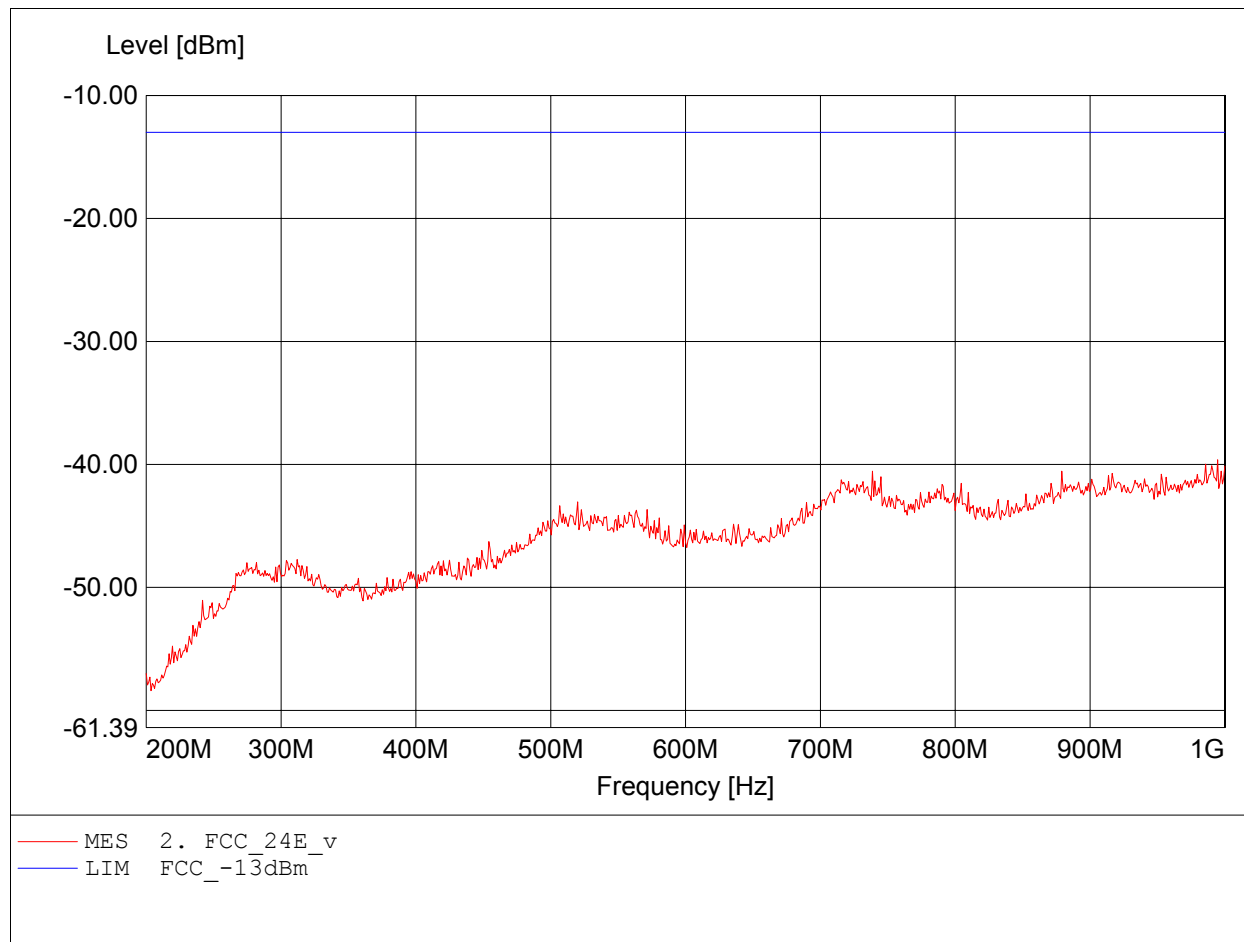
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 35.667MHz, Pmax: -51.75dBm, RBW: 1MHz



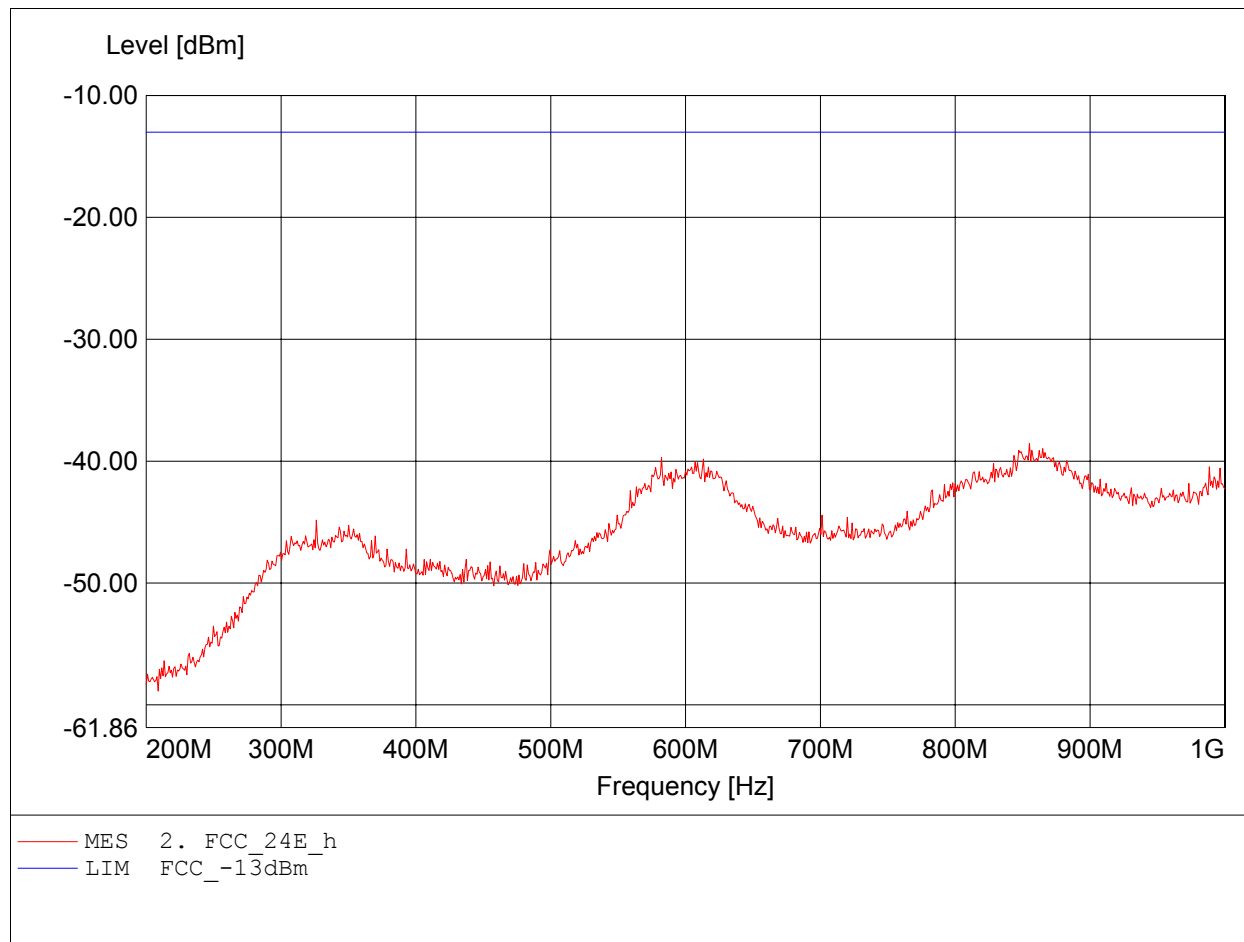
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 994.667MHz, Pmax: -39.61dBm, RBW: 1MHz



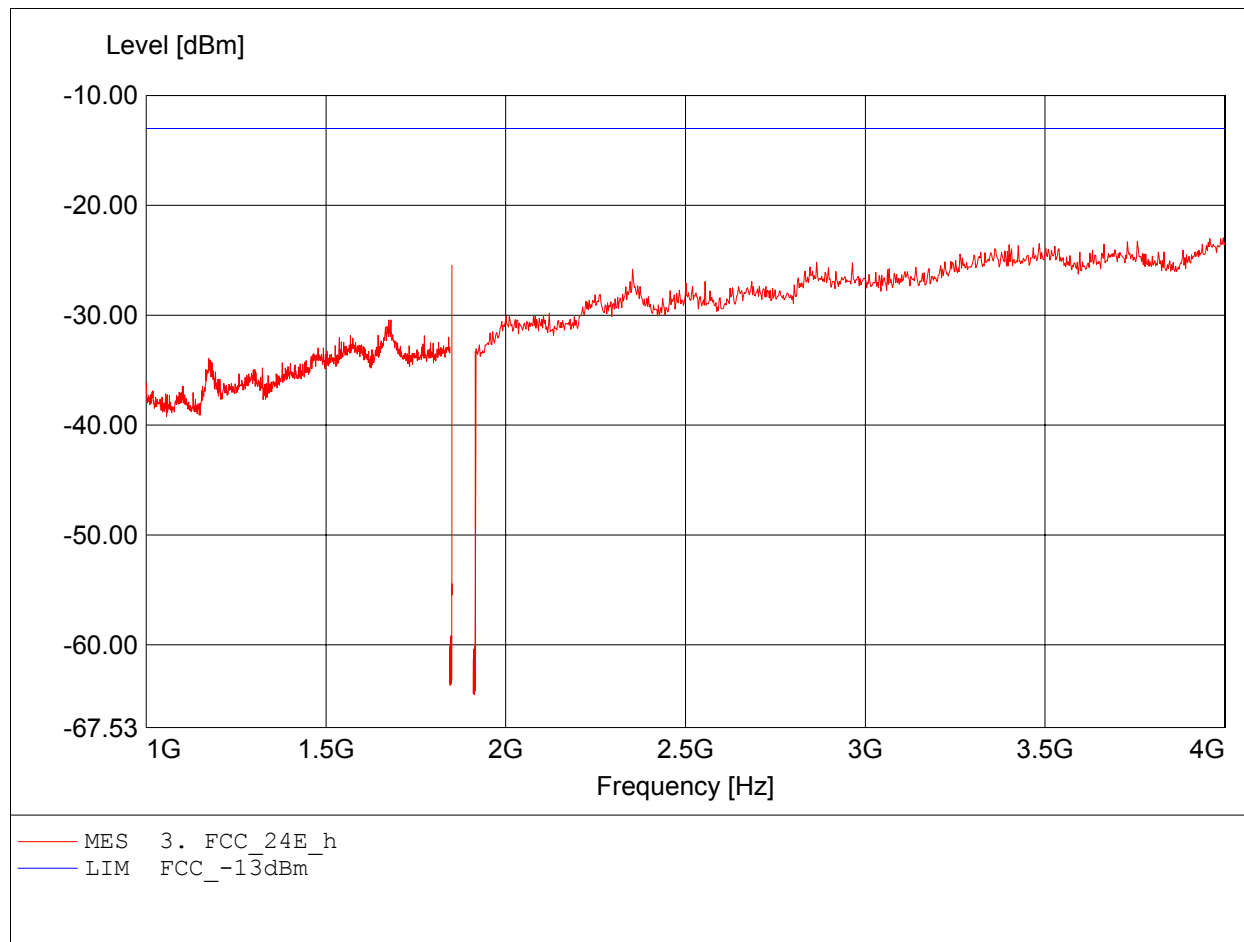
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 855.111MHz, Pmax: -38.56dBm, RBW: 1MHz



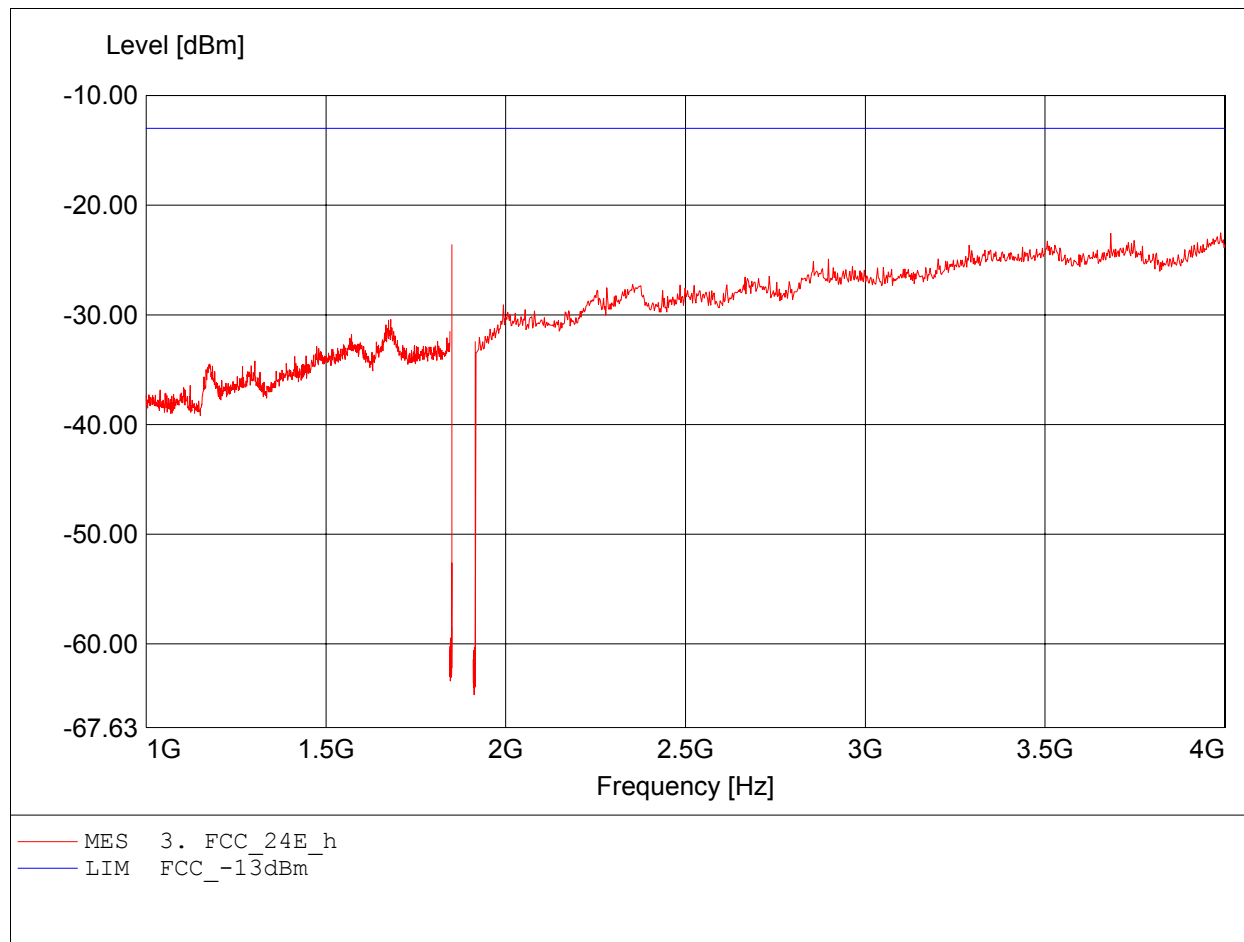
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.995GHz, Pmax: -22.96dBm, RBW: 1MHz/3kHz



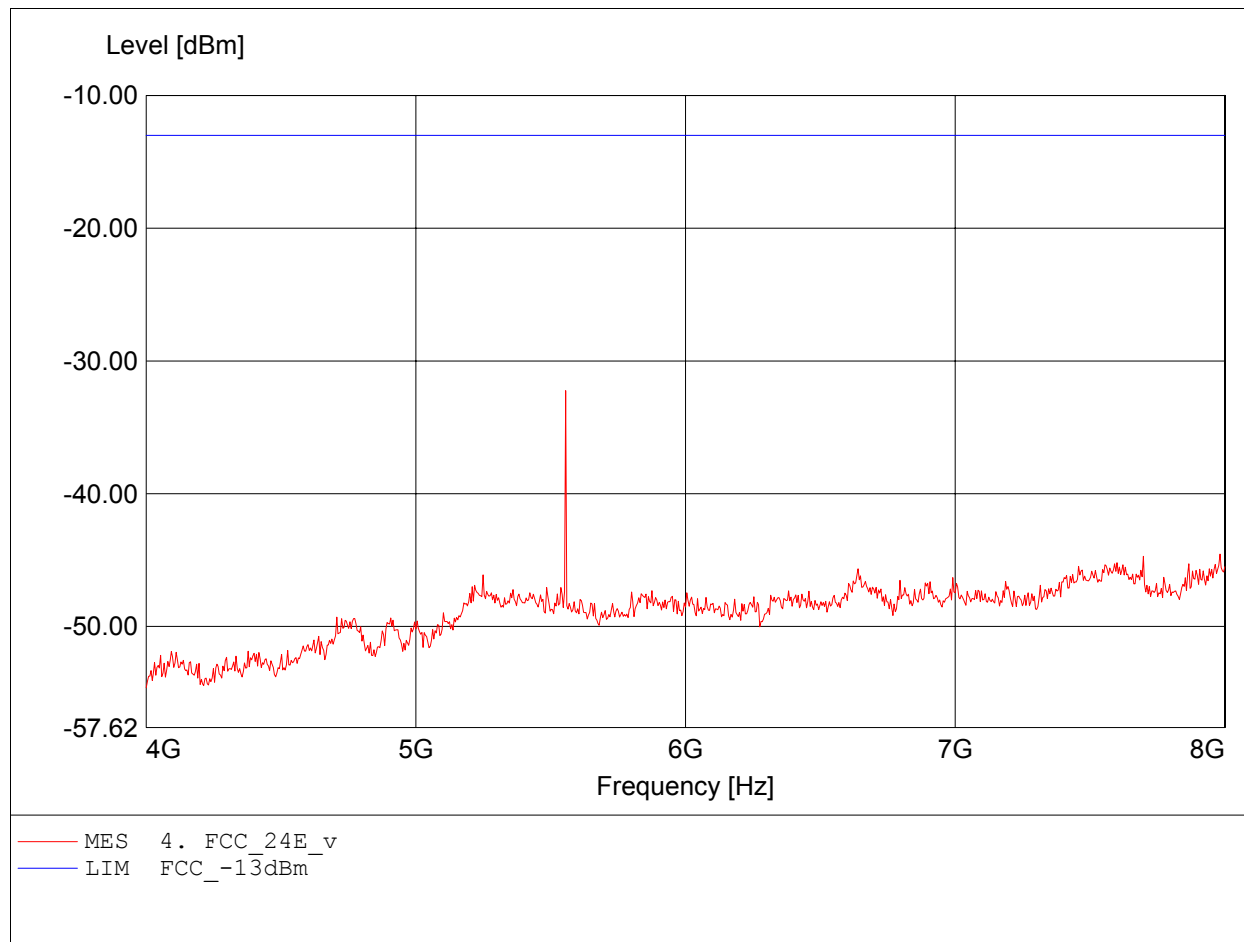
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.988GHz, Pmax: -22.53dBm, RBW: 1MHz/3kHz



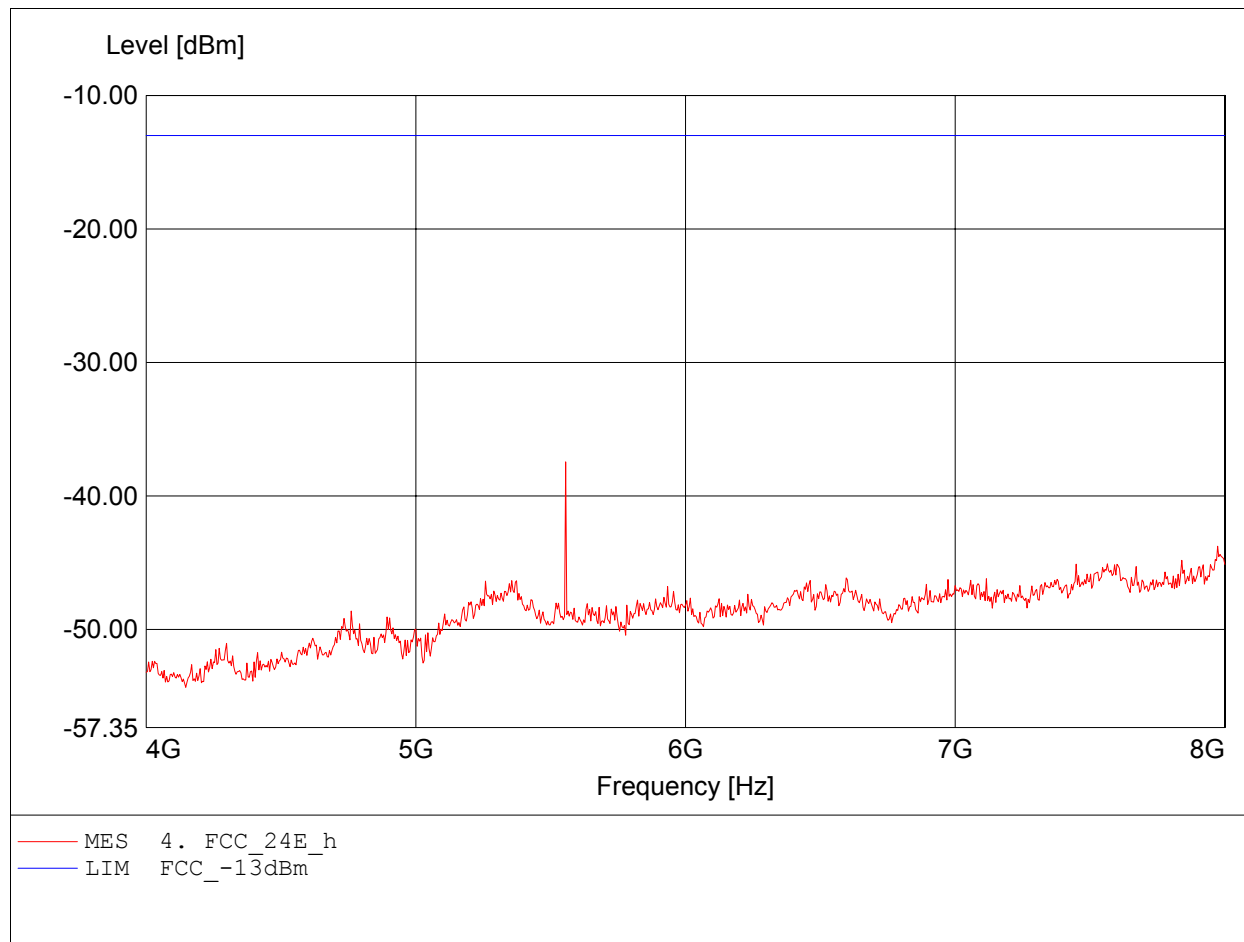
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -32.23dBm, RBW: 1MHz



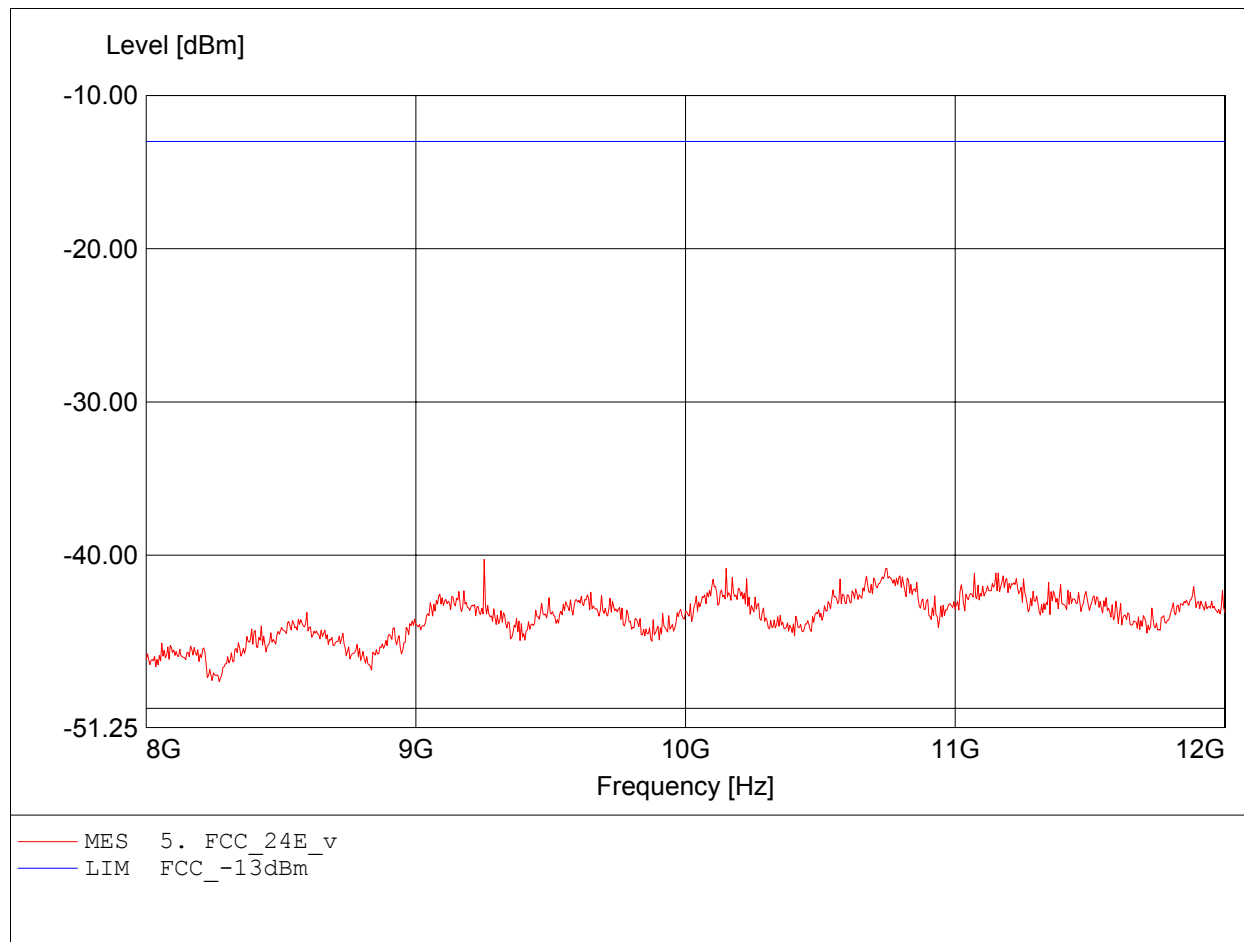
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -37.45dBm, RBW: 1MHz



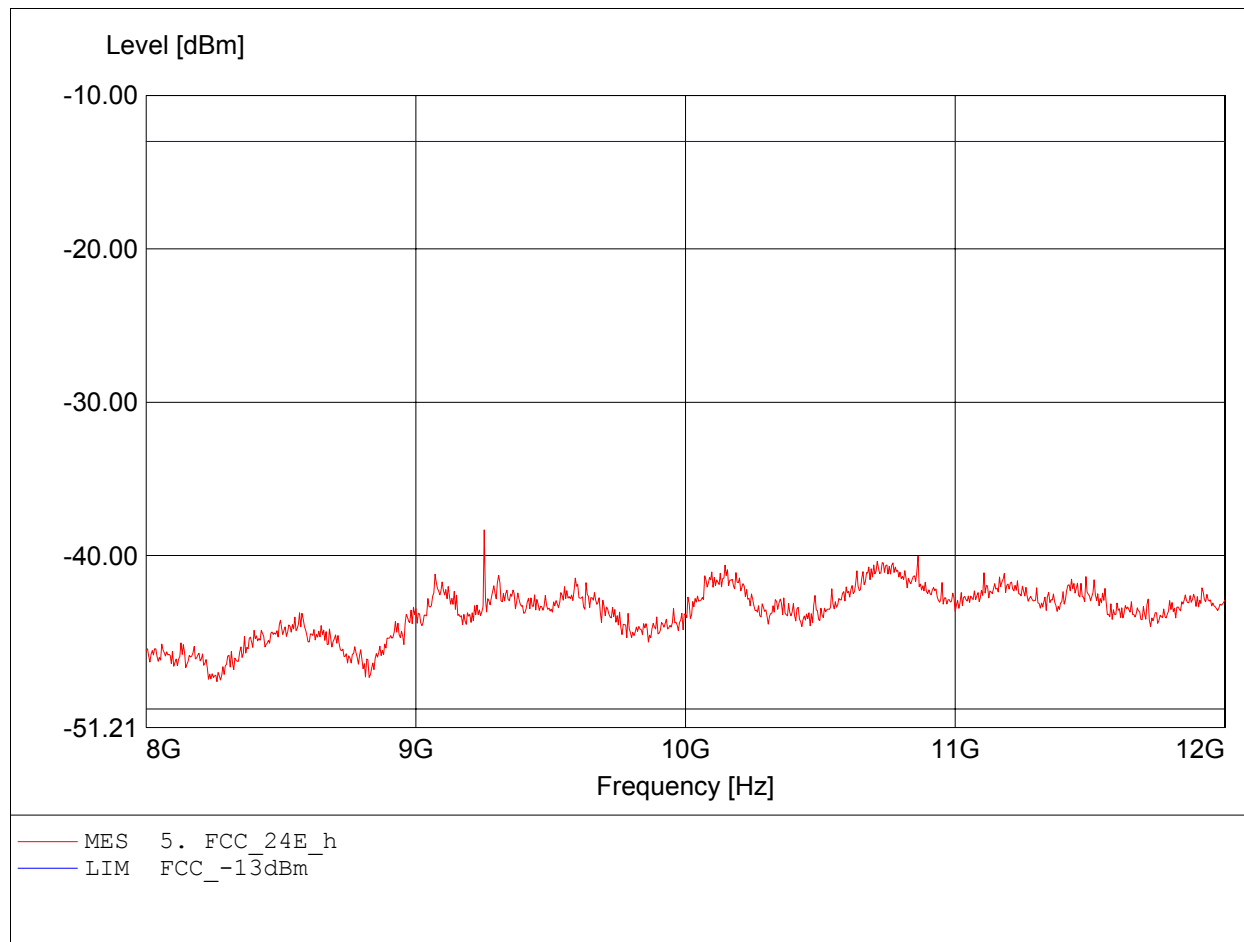
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -40.27dBm, RBW: 1MHz



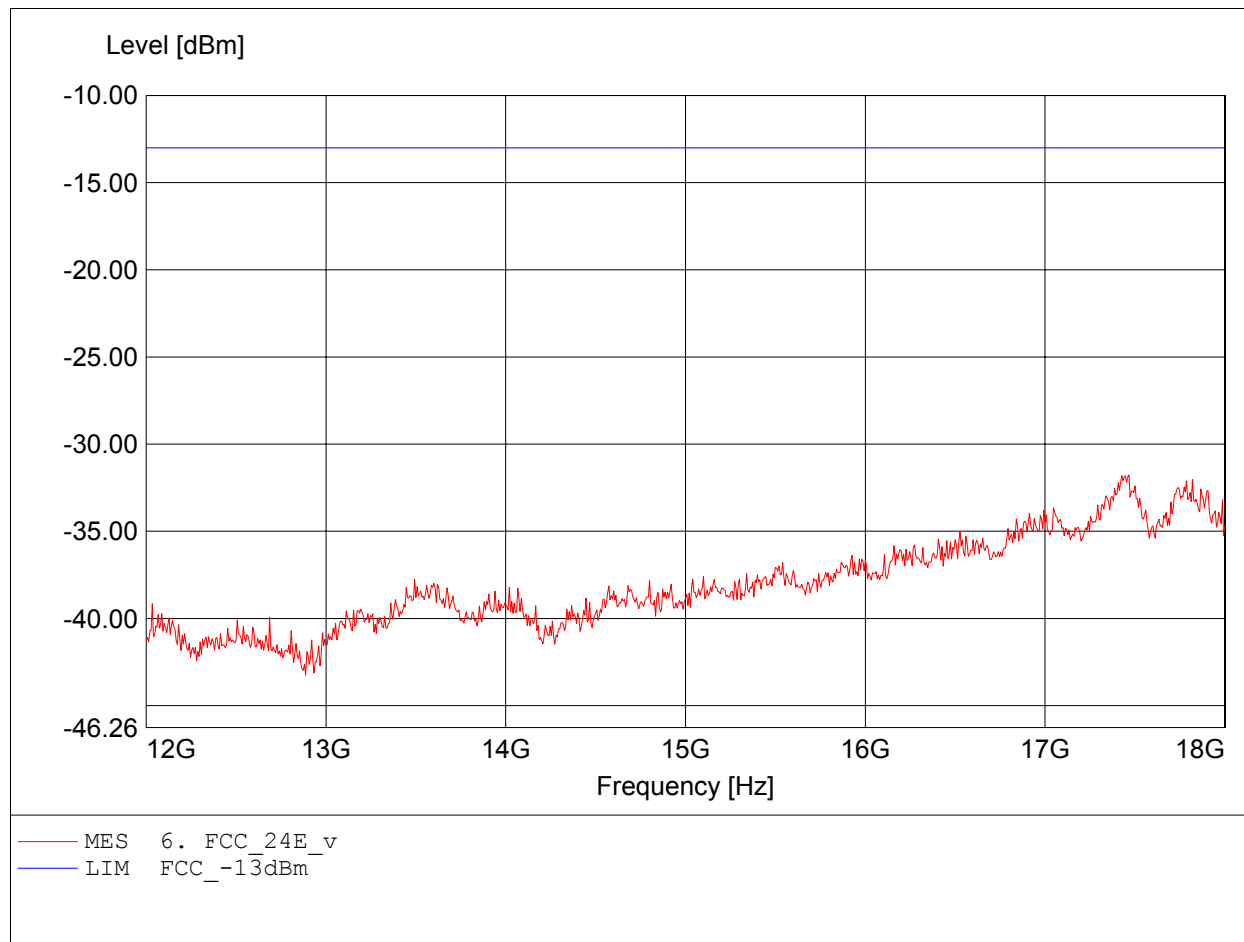
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -38.32dBm, RBW: 1MHz



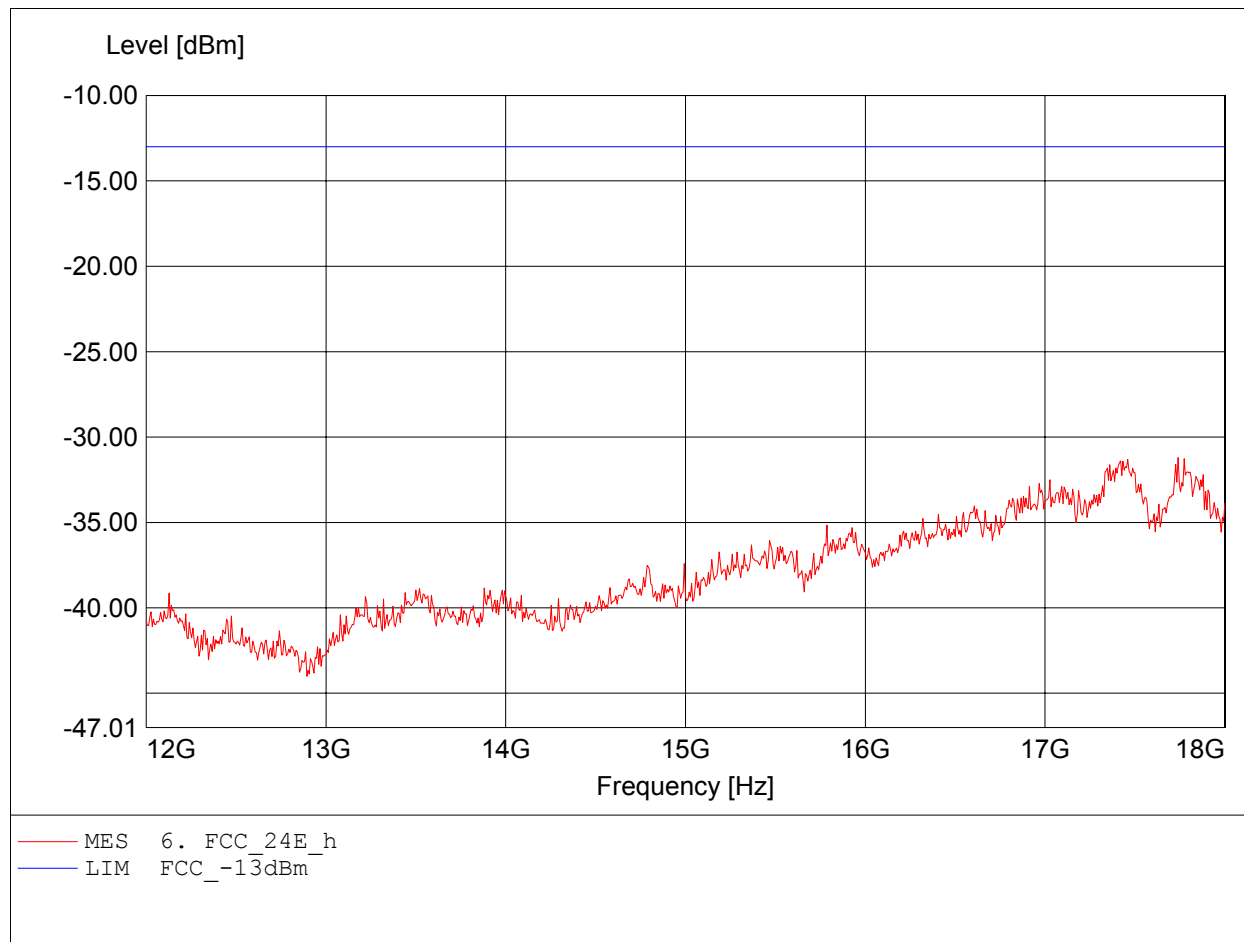
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.467GHz, Pmax: -31.77dBm, RBW: 1MHz



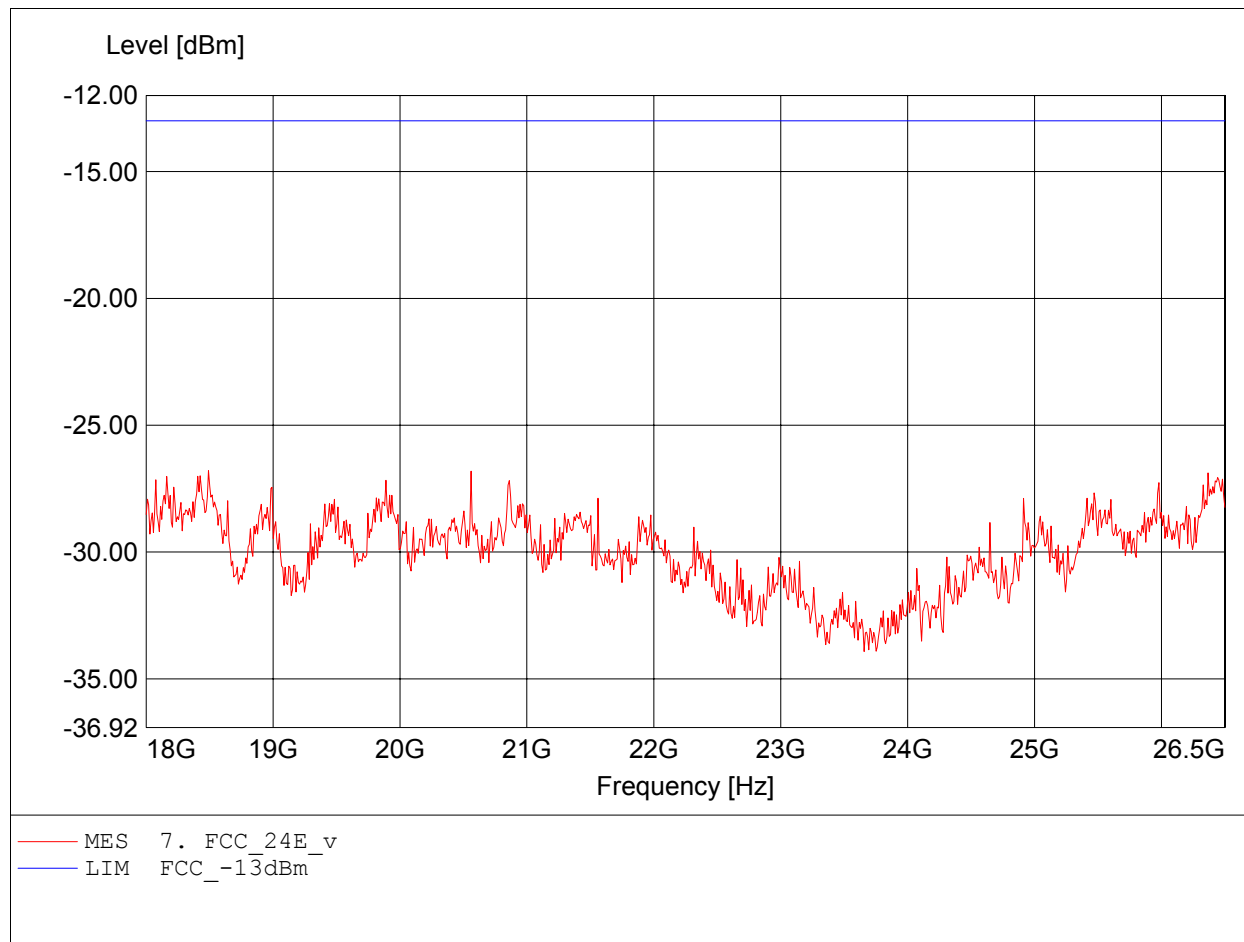
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.740GHz, Pmax: -31.20dBm, RBW: 1MHz



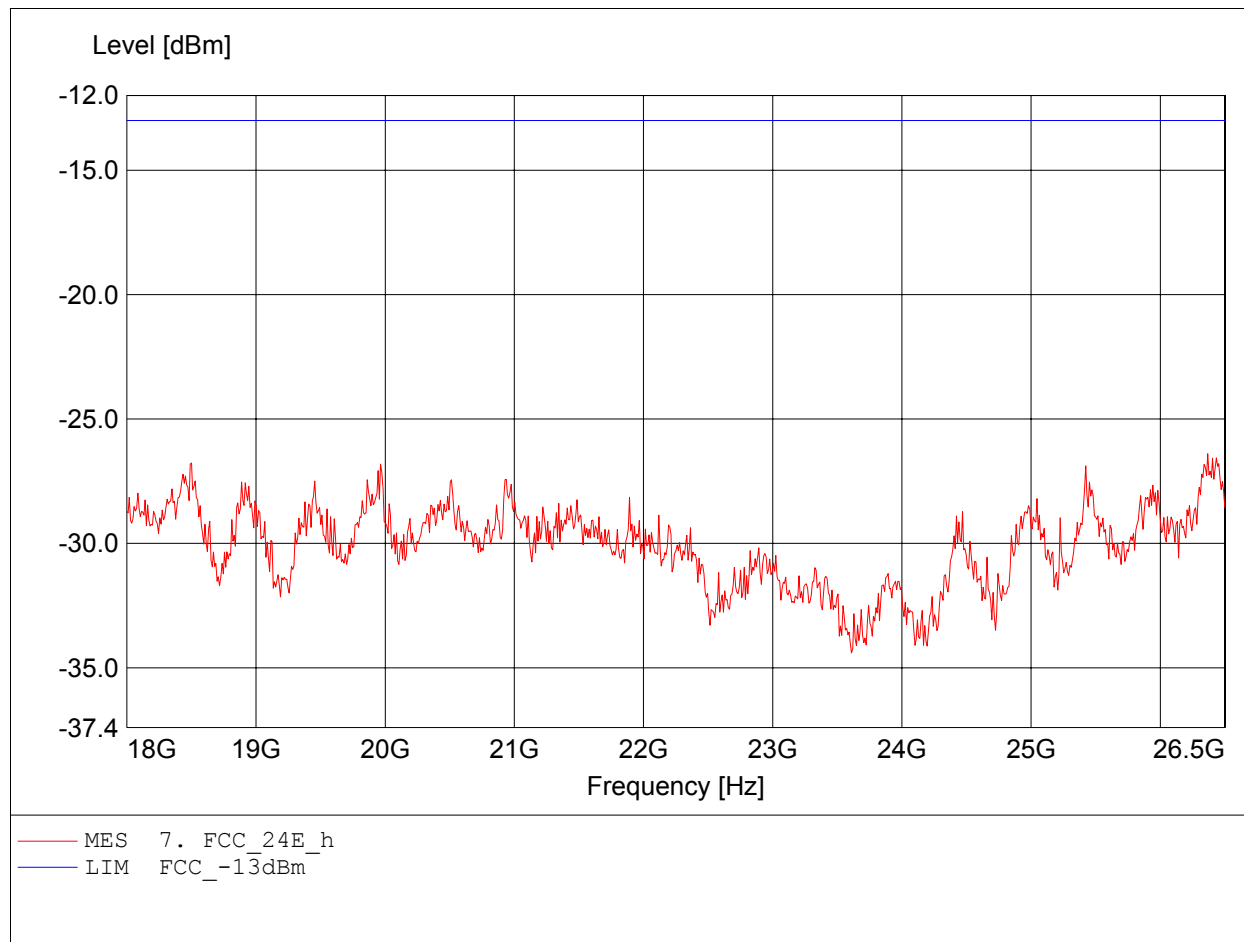
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.491GHz, Pmax: -26.79dBm, RBW: 1MHz



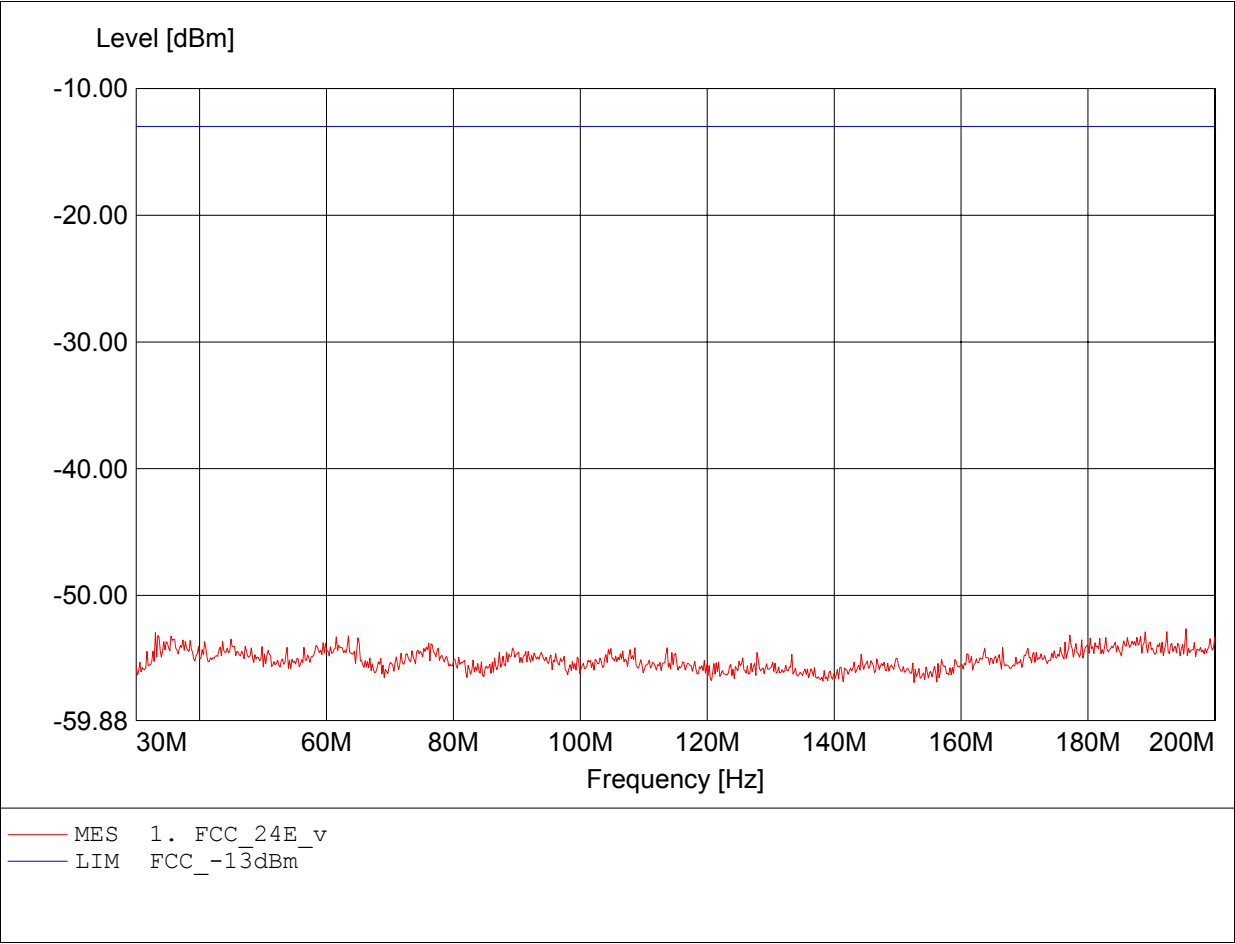
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 512
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.368GHz, Pmax: -26.39dBm, RBW: 1MHz



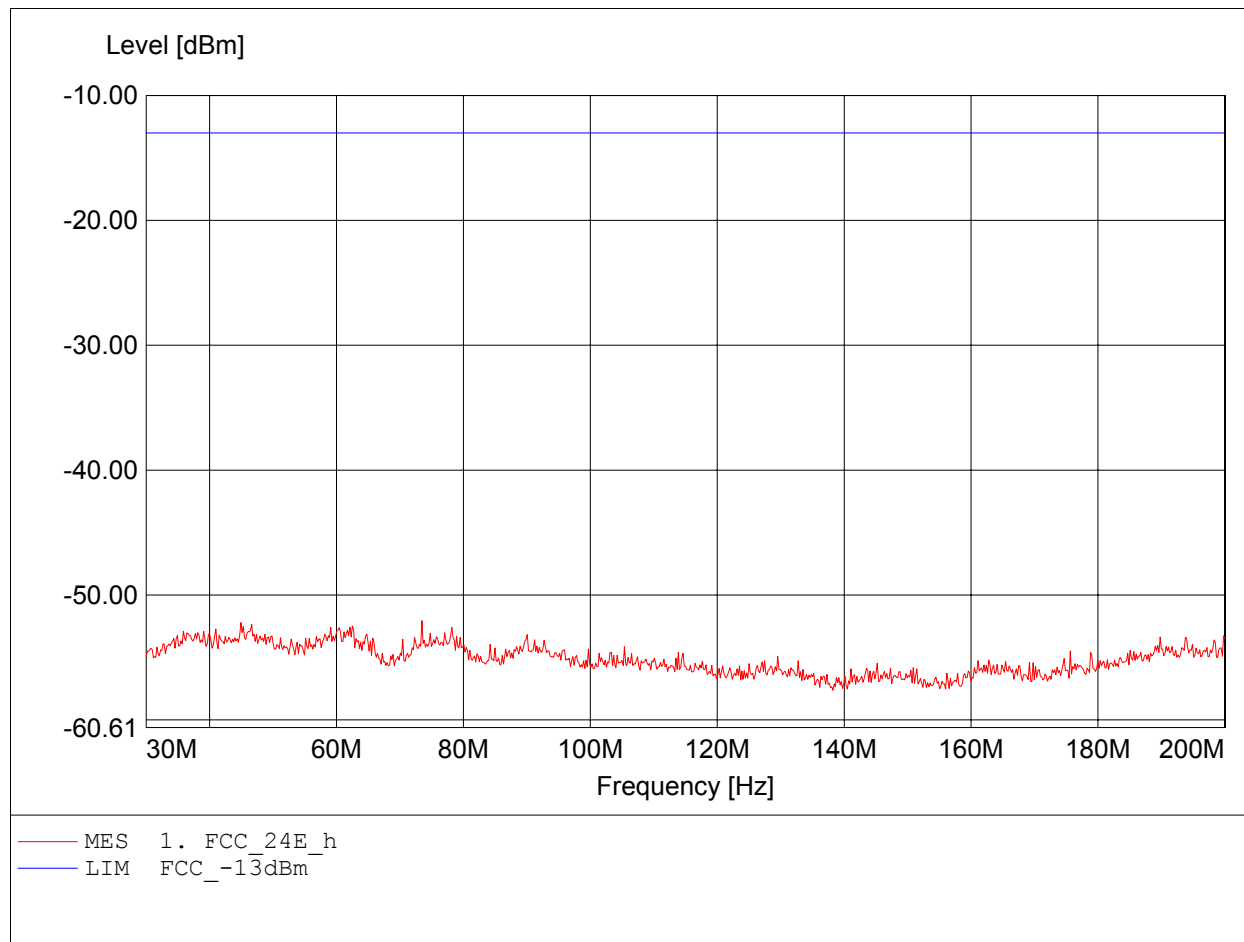
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.467MHz, Pmax: -52.65dBm, RBW: 1MHz



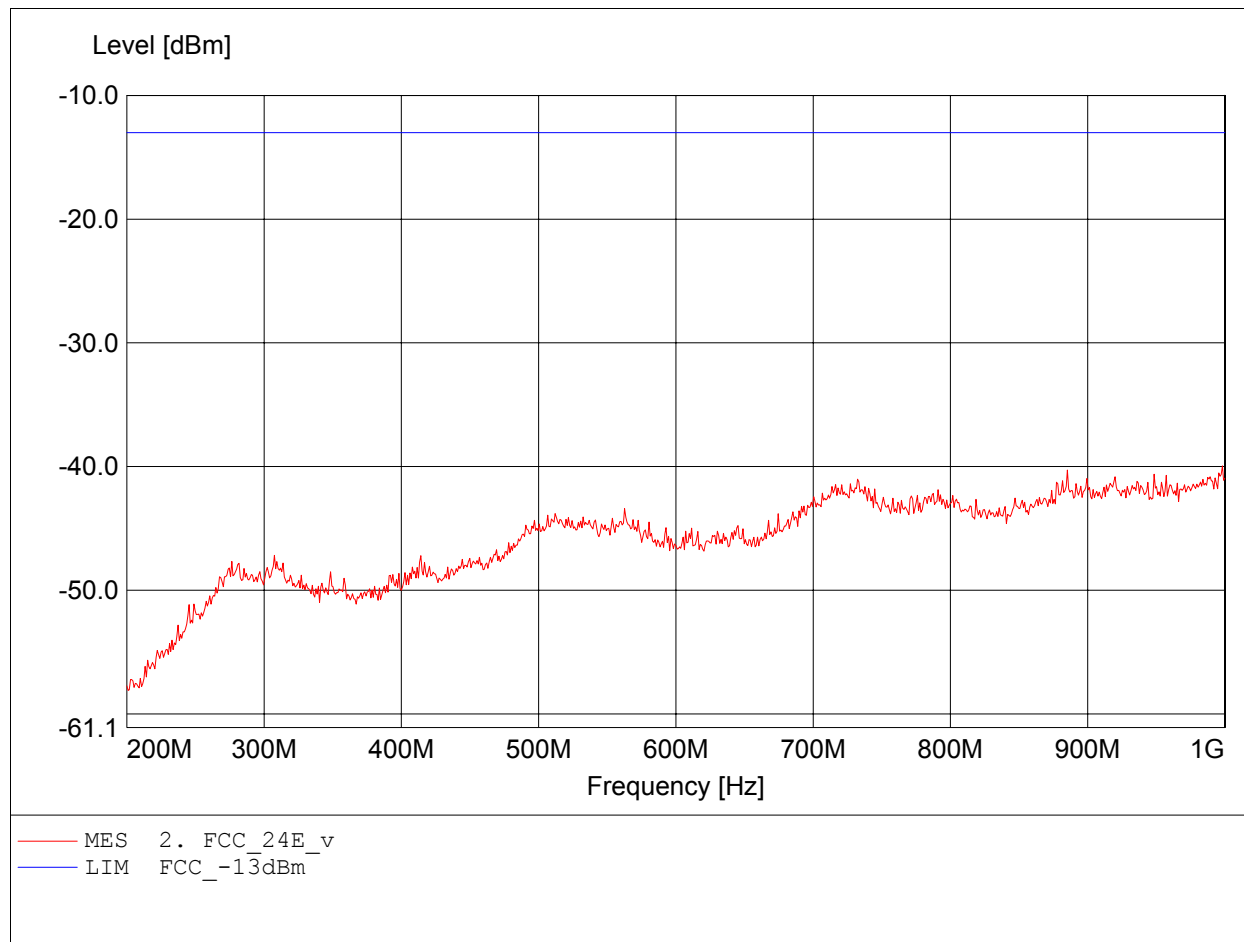
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 73.444MHz, Pmax: -52.05dBm, RBW: 1MHz



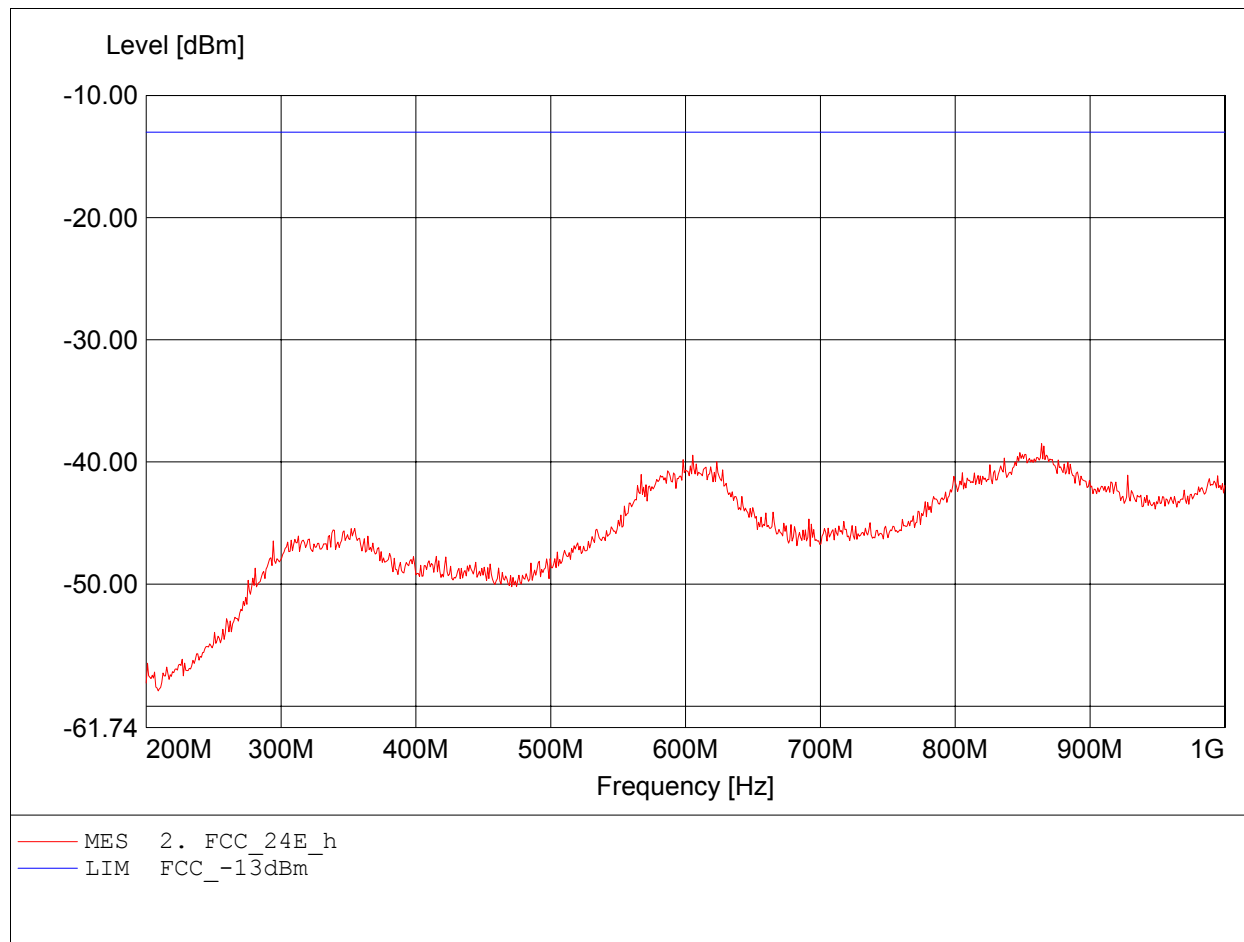
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 998.222MHz, Pmax: -39.93dBm, RBW: 1MHz



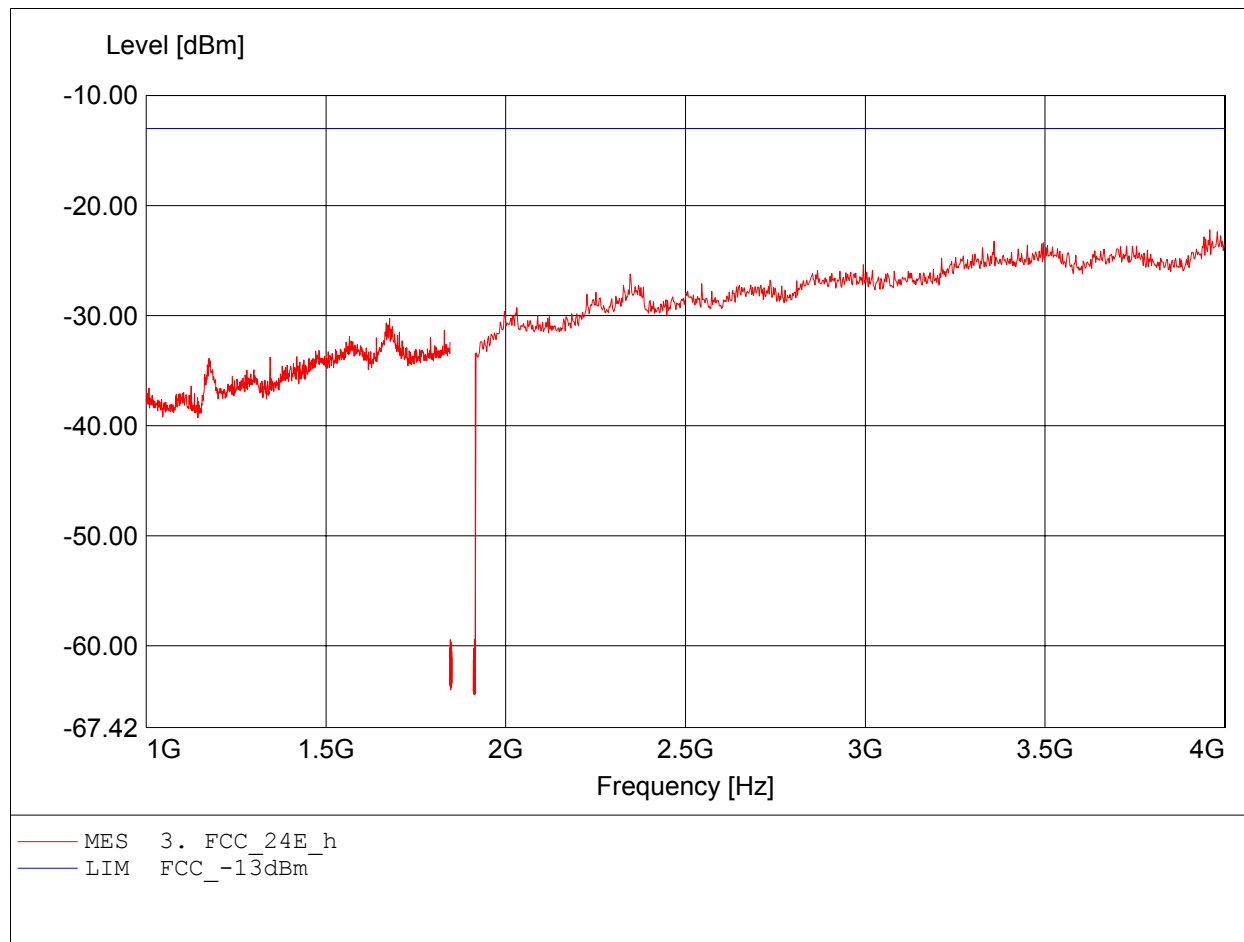
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 864.000MHz, Pmax: -38.50dBm, RBW: 1MHz



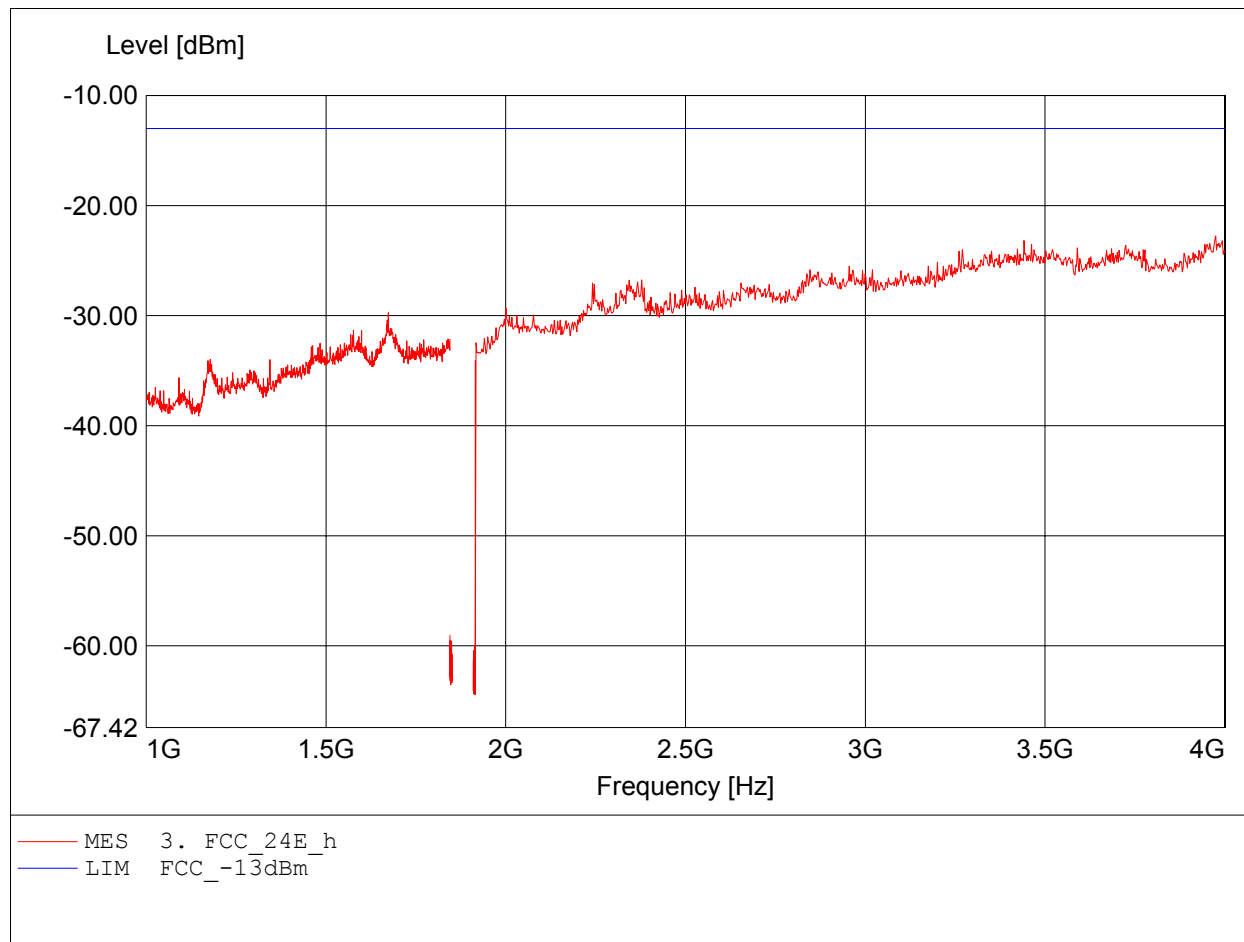
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.958GHz, Pmax: -22.20dBm, RBW: 1MHz/3kHz



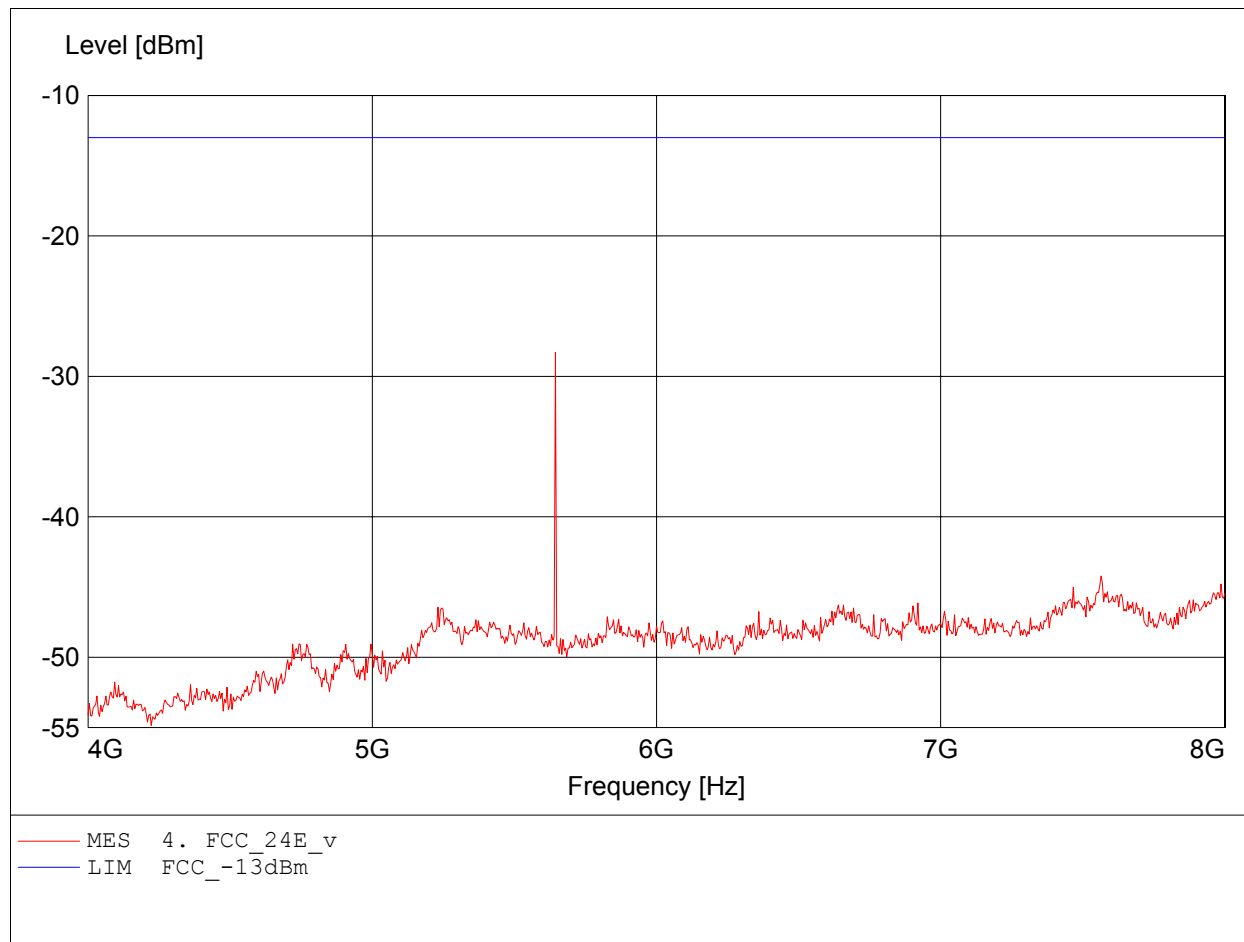
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.975GHz, Pmax: -22.76dBm, RBW: 1MHz/3kHz



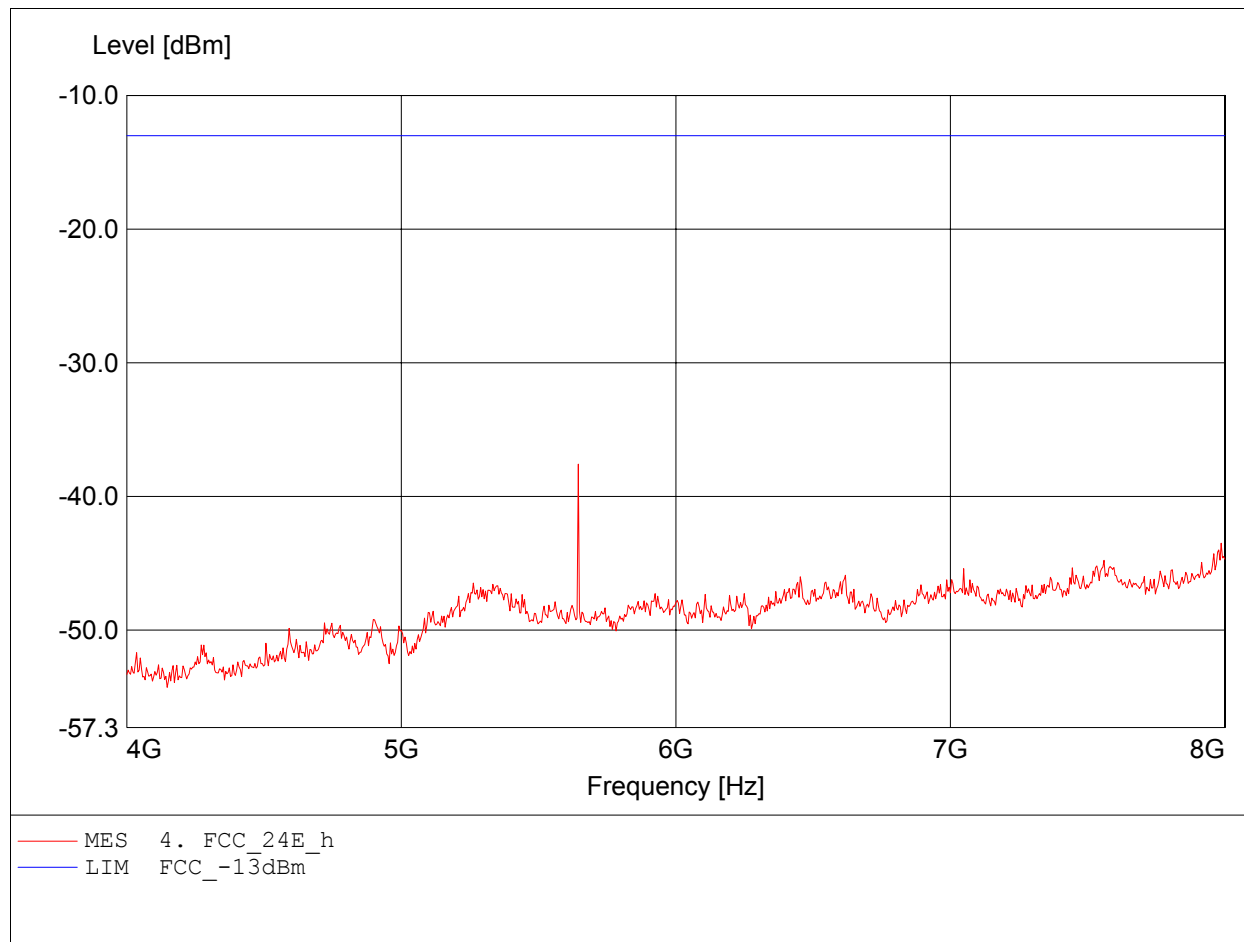
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -28.30dBm, RBW: 1MHz



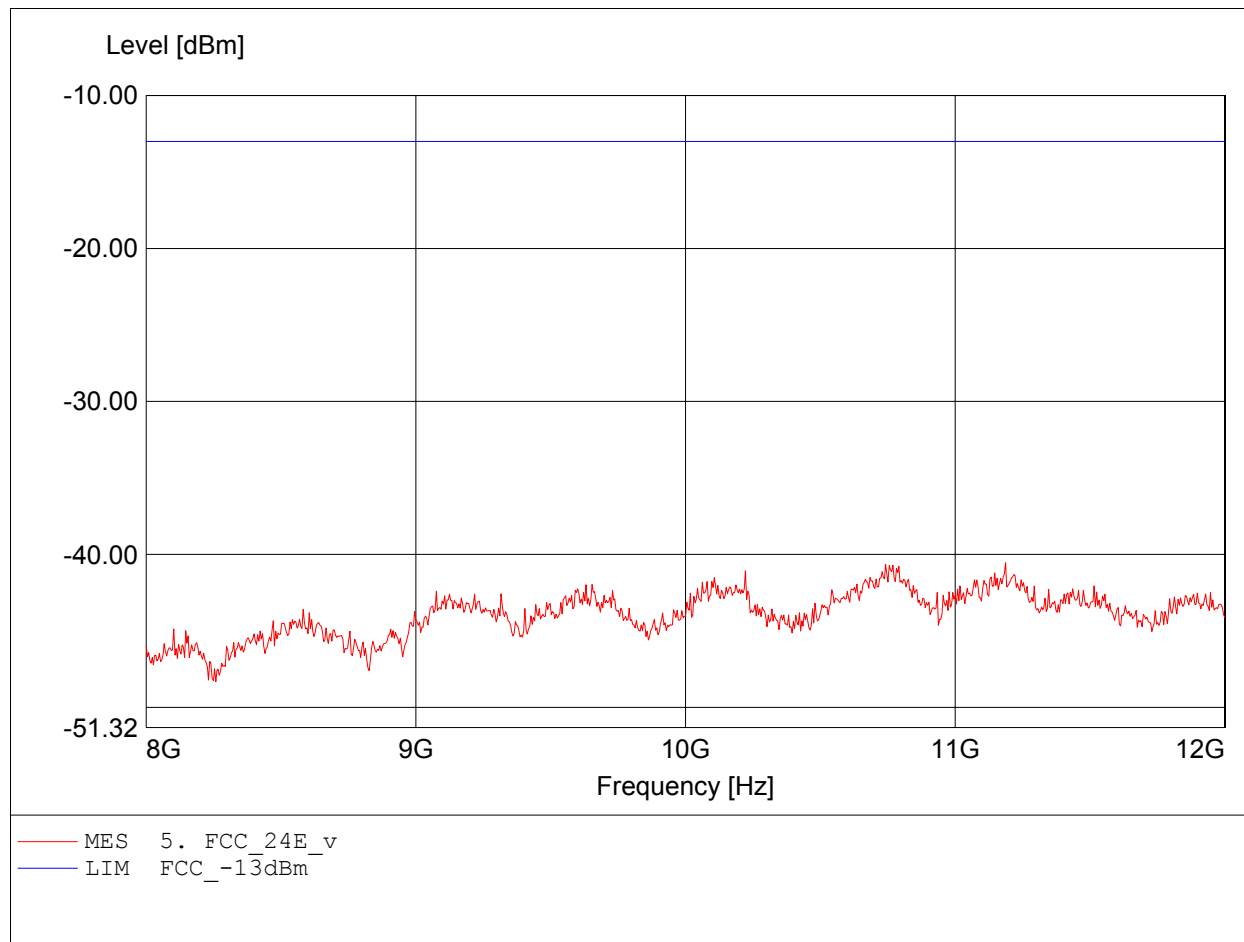
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -37.58dBm, RBW: 1MHz



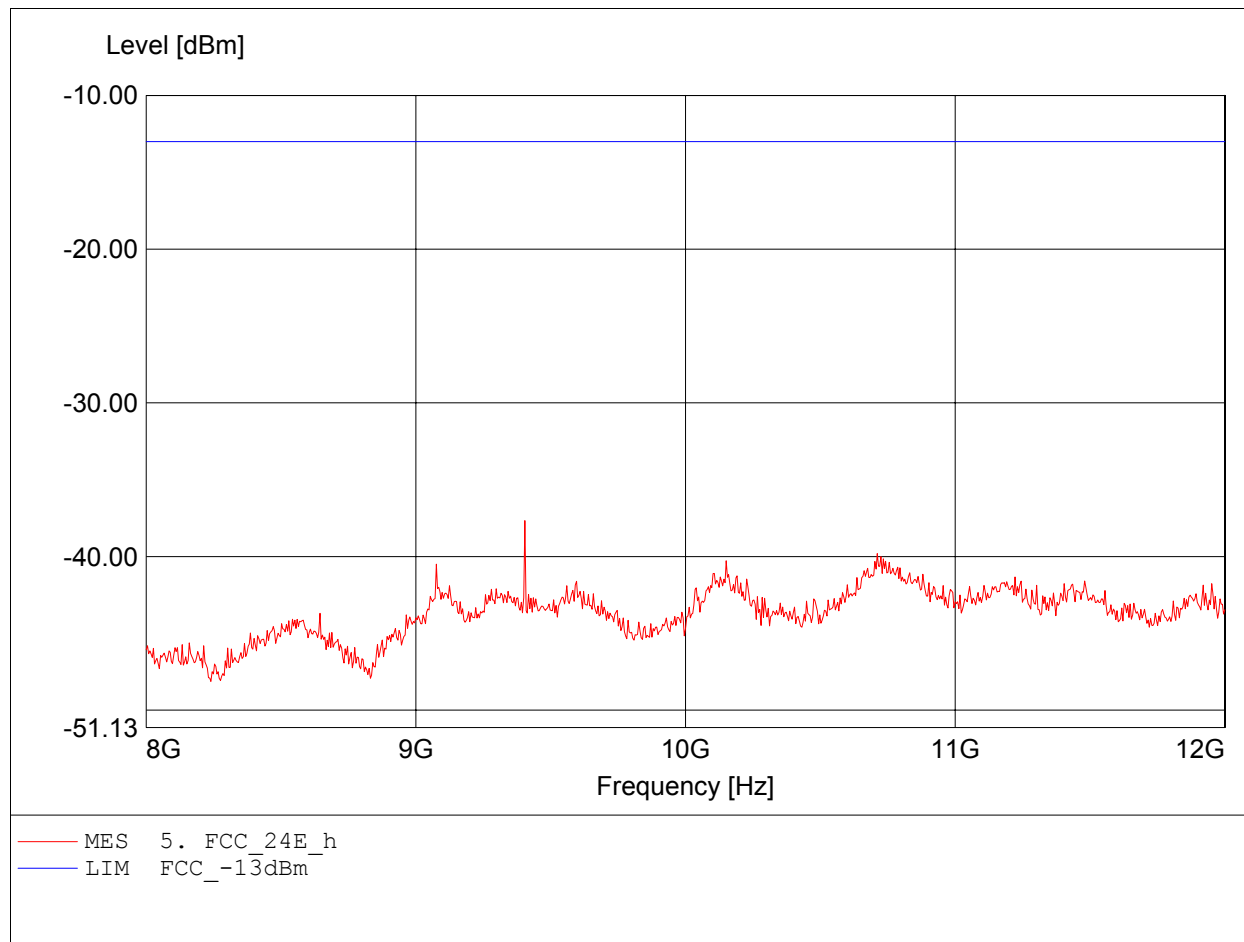
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.187GHz, Pmax: -40.54dBm, RBW: 1MHz



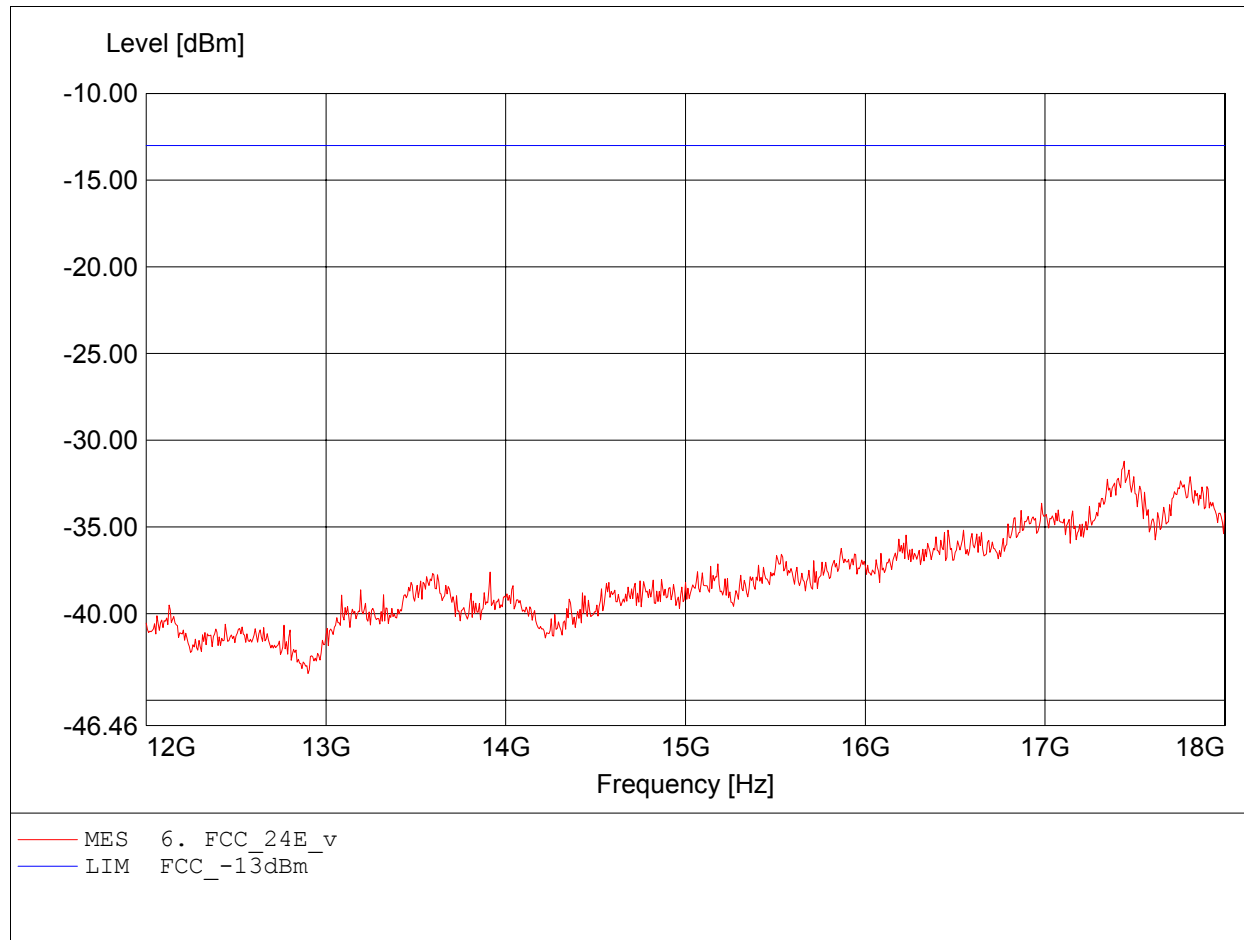
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.404GHz, Pmax: -37.66dBm, RBW: 1MHz



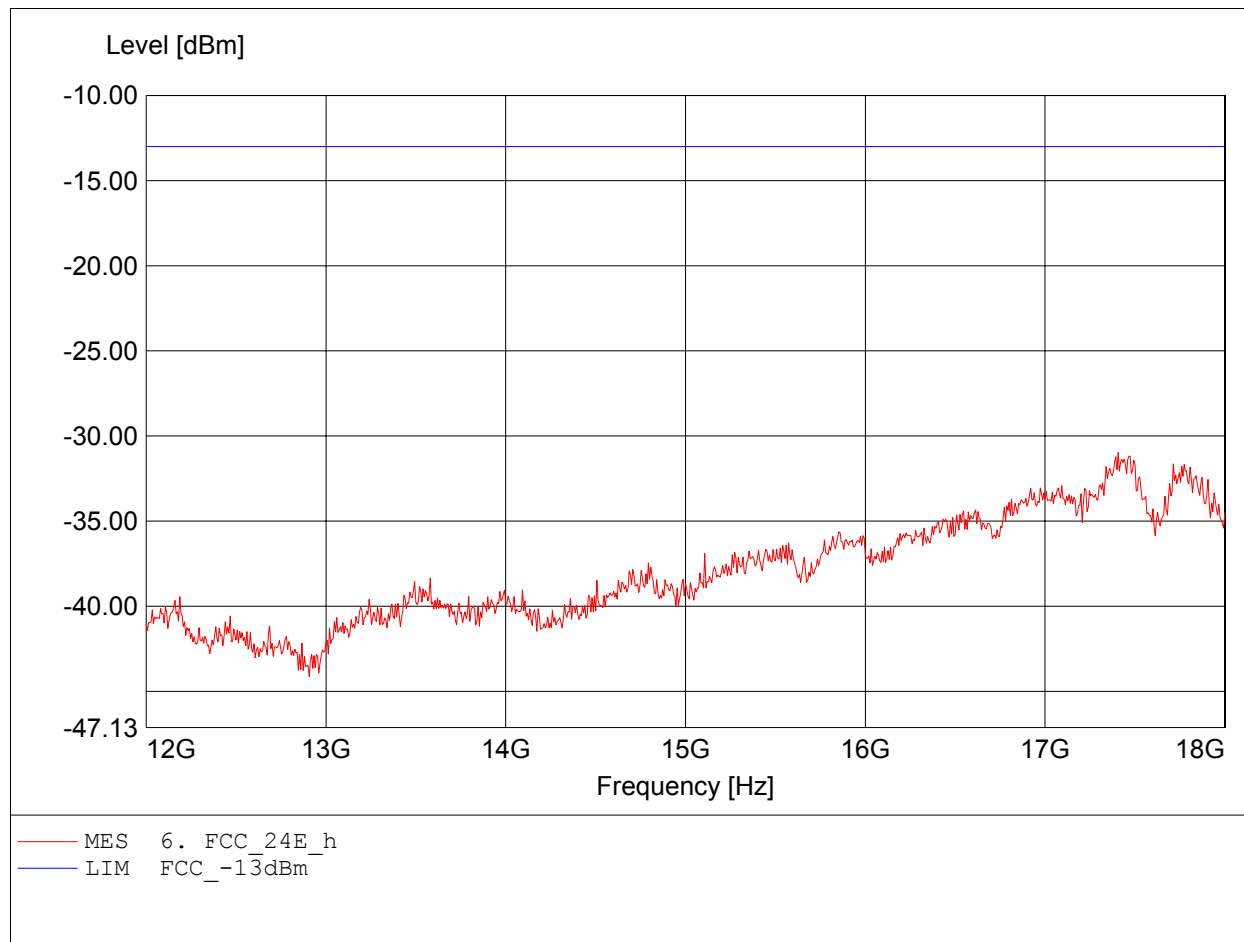
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.440GHz, Pmax: -31.21dBm, RBW: 1MHz



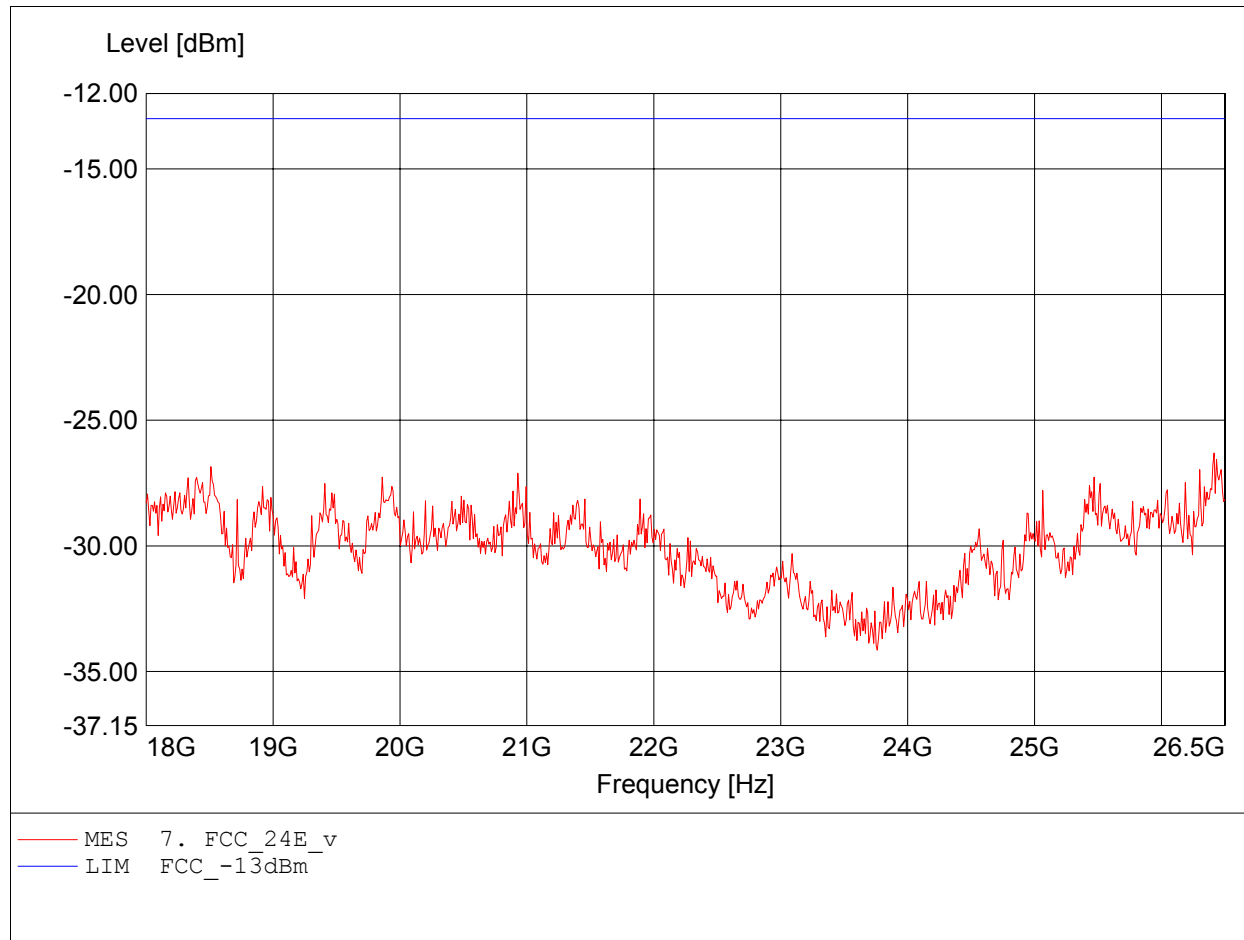
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.407GHz, Pmax: -30.98dBm, RBW: 1MHz



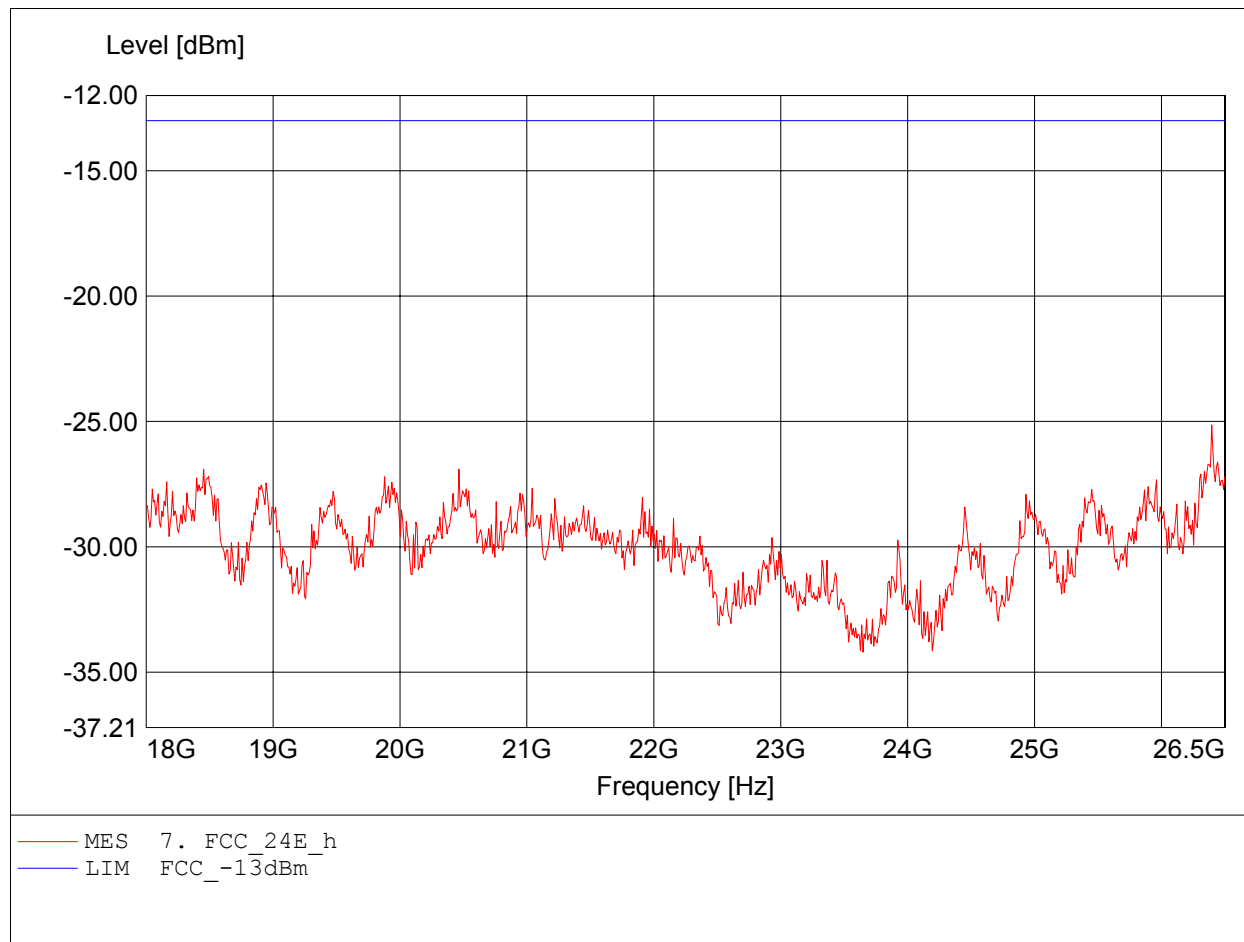
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.415GHz, Pmax: -26.31dBm, RBW: 1MHz



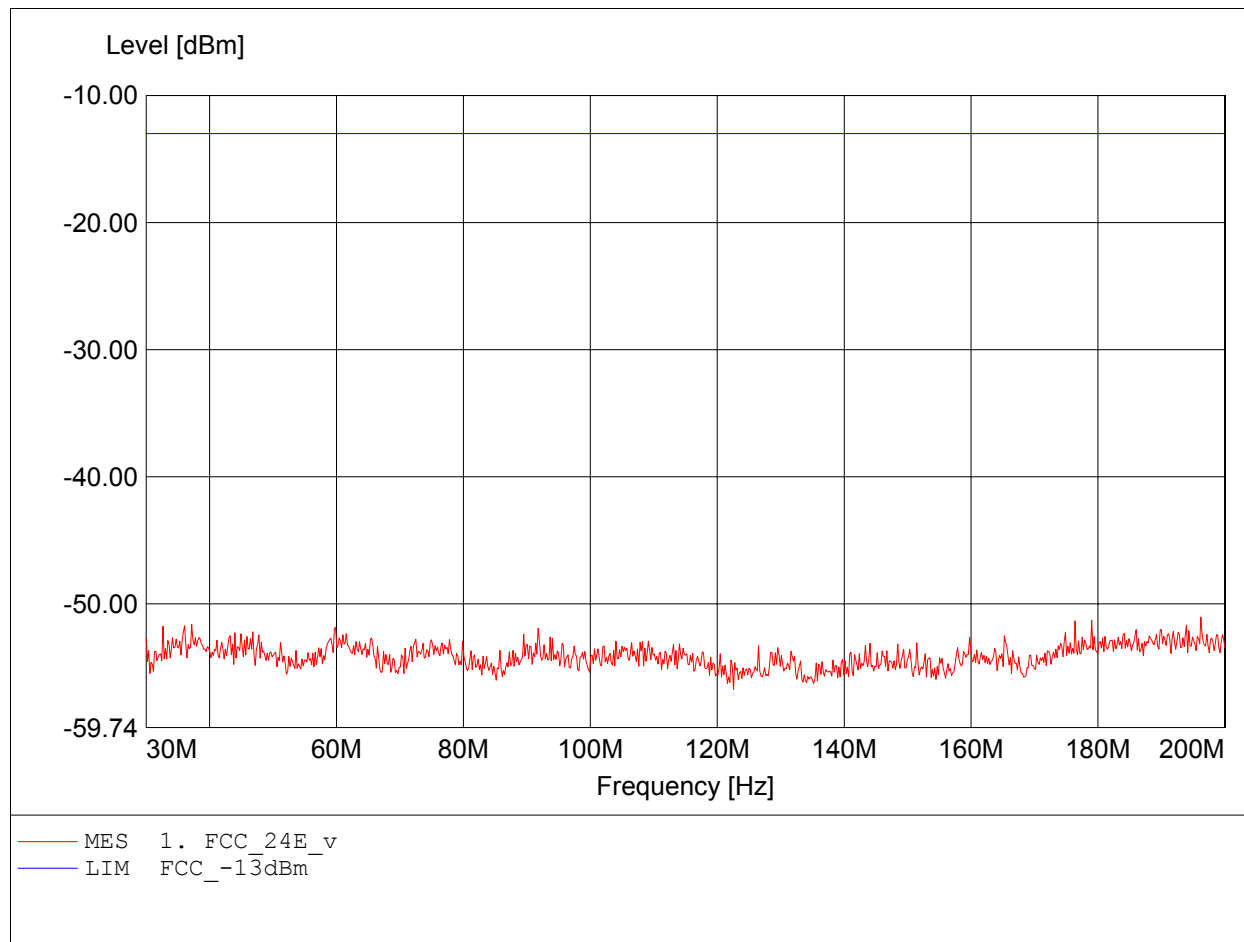
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 661
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.396GHz, Pmax: -25.14dBm, RBW: 1MHz



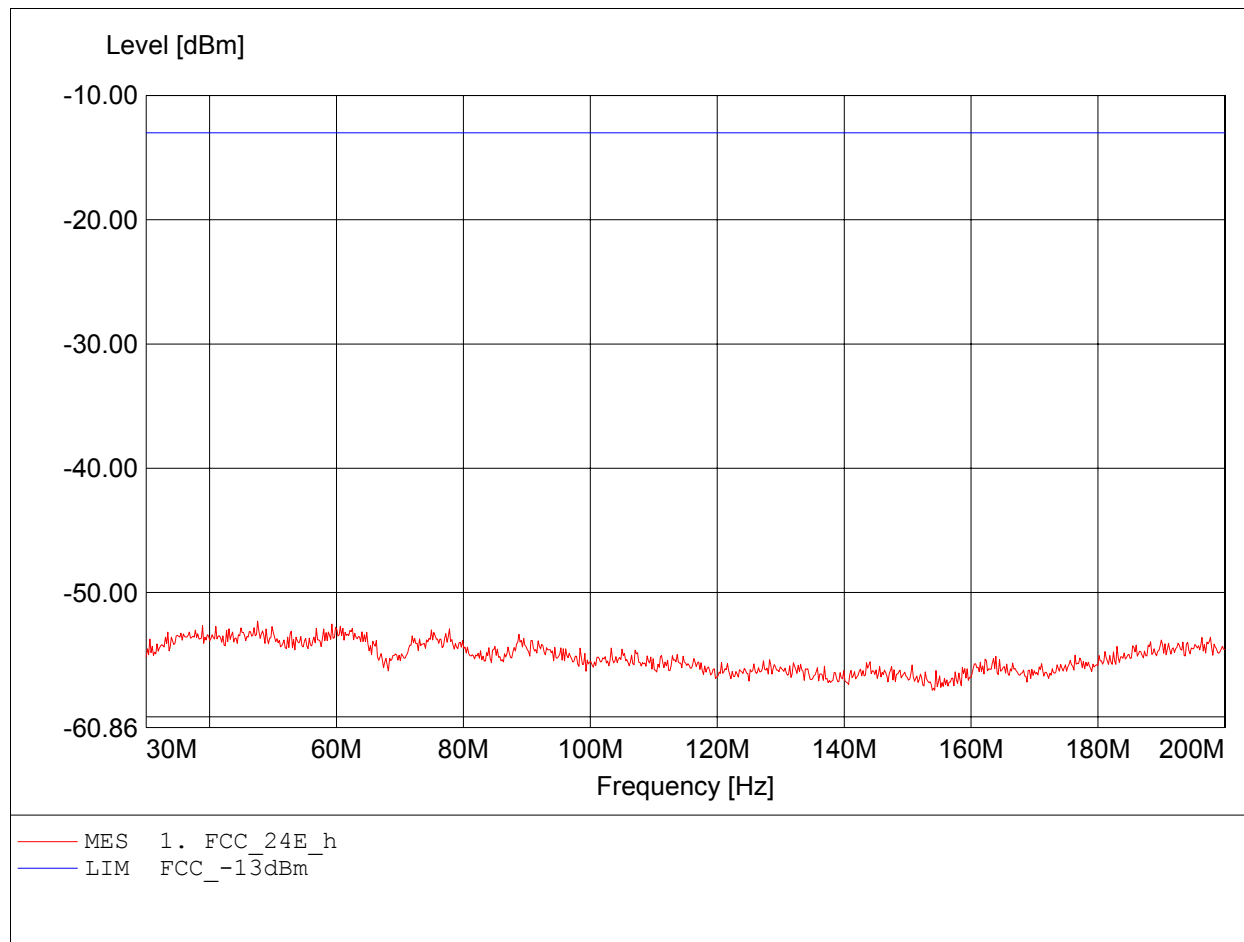
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.222MHz, Pmax: -51.04dBm, RBW: 1MHz



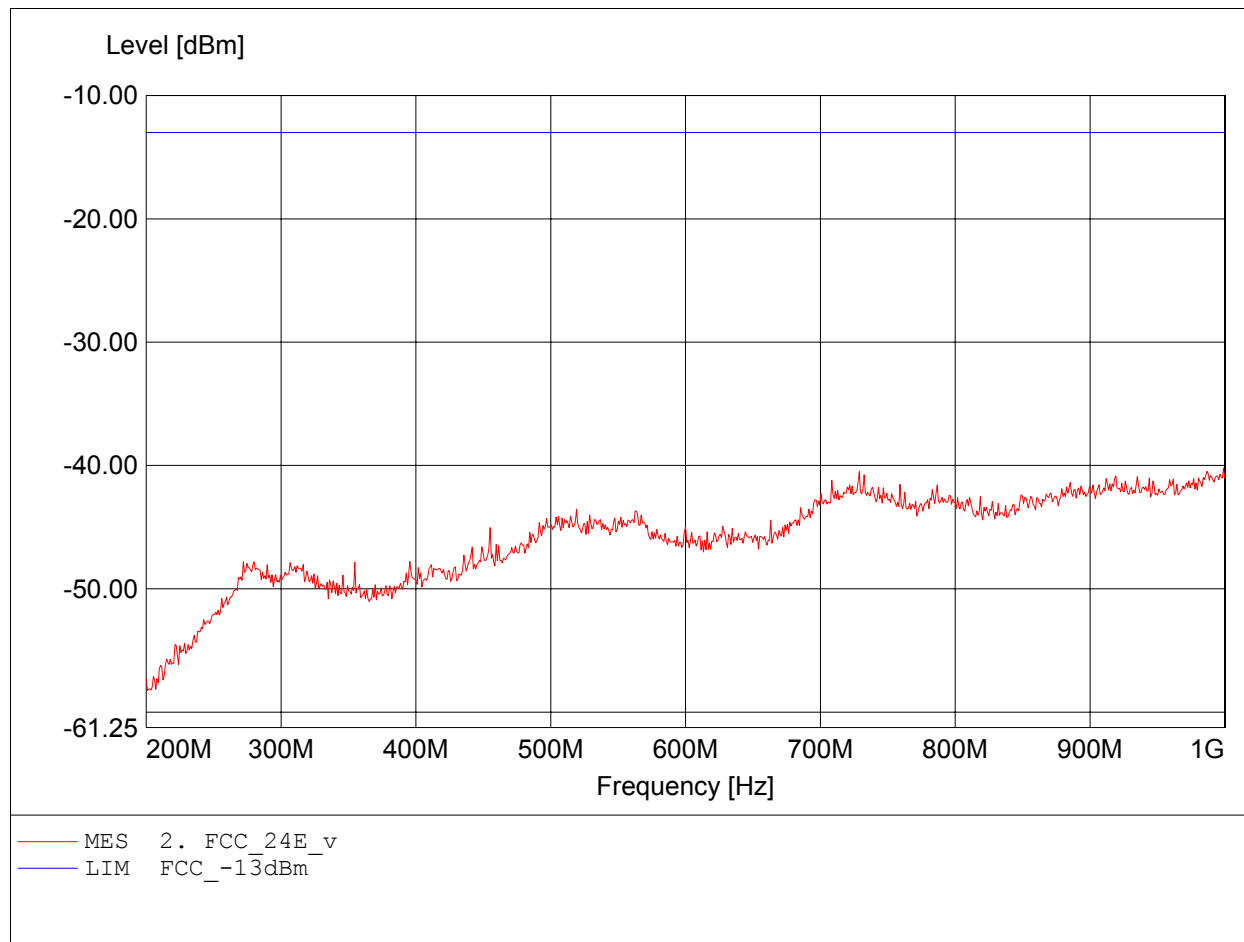
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 47.567MHz, Pmax: -52.29dBm, RBW: 1MHz



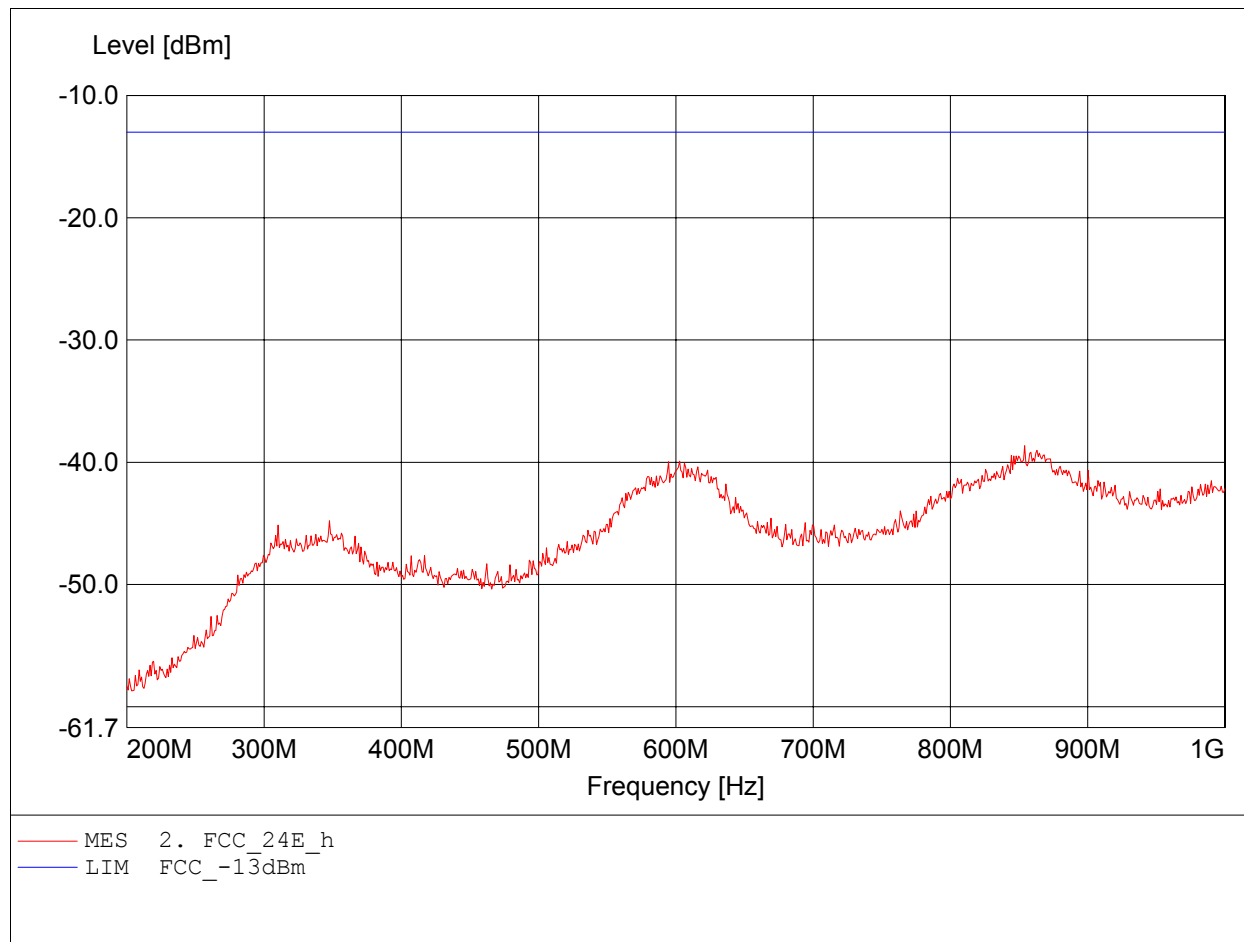
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 999.111MHz, Pmax: -40.20dBm, RBW: 1MHz



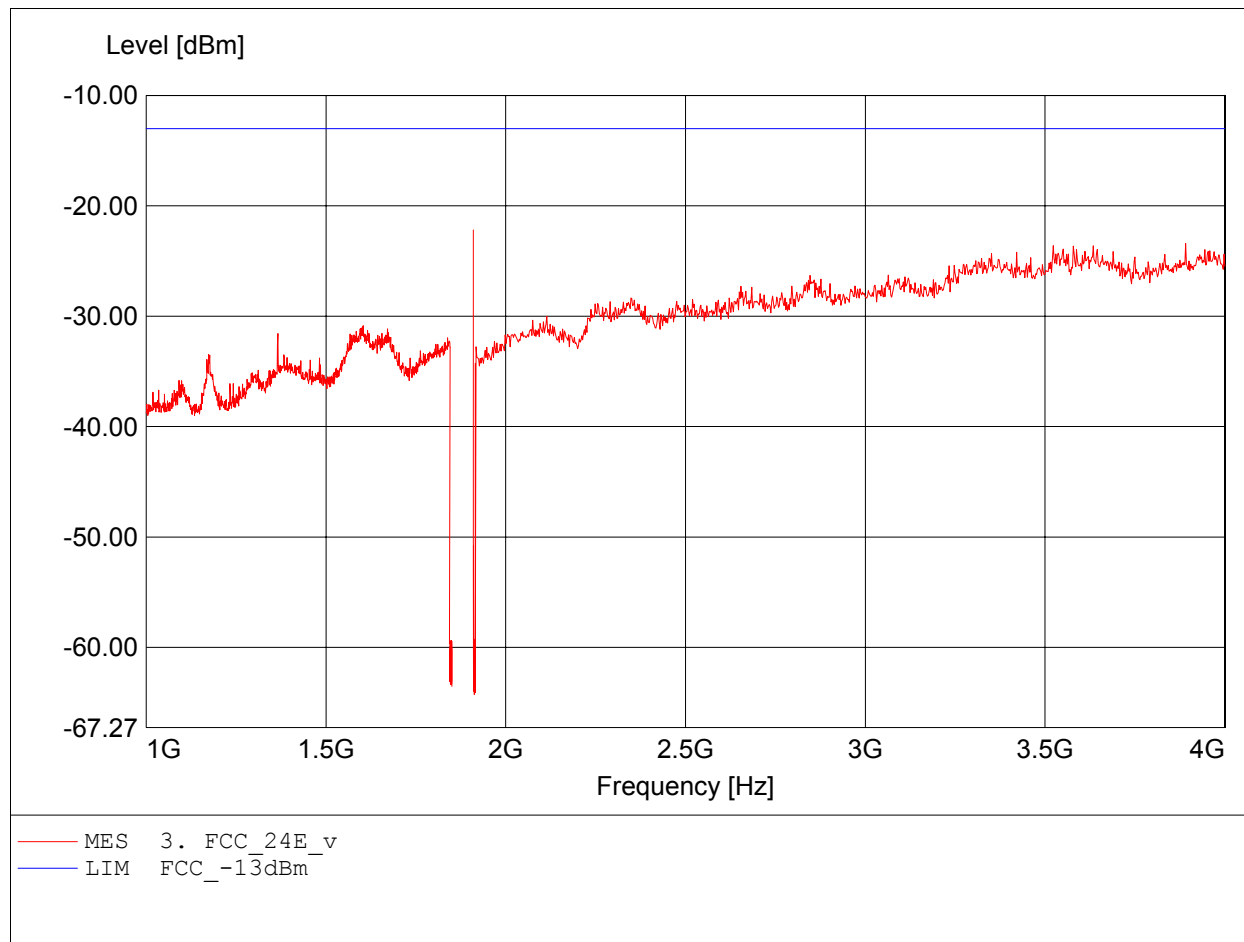
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 854.222MHz, Pmax: -38.64dBm, RBW: 1MHz



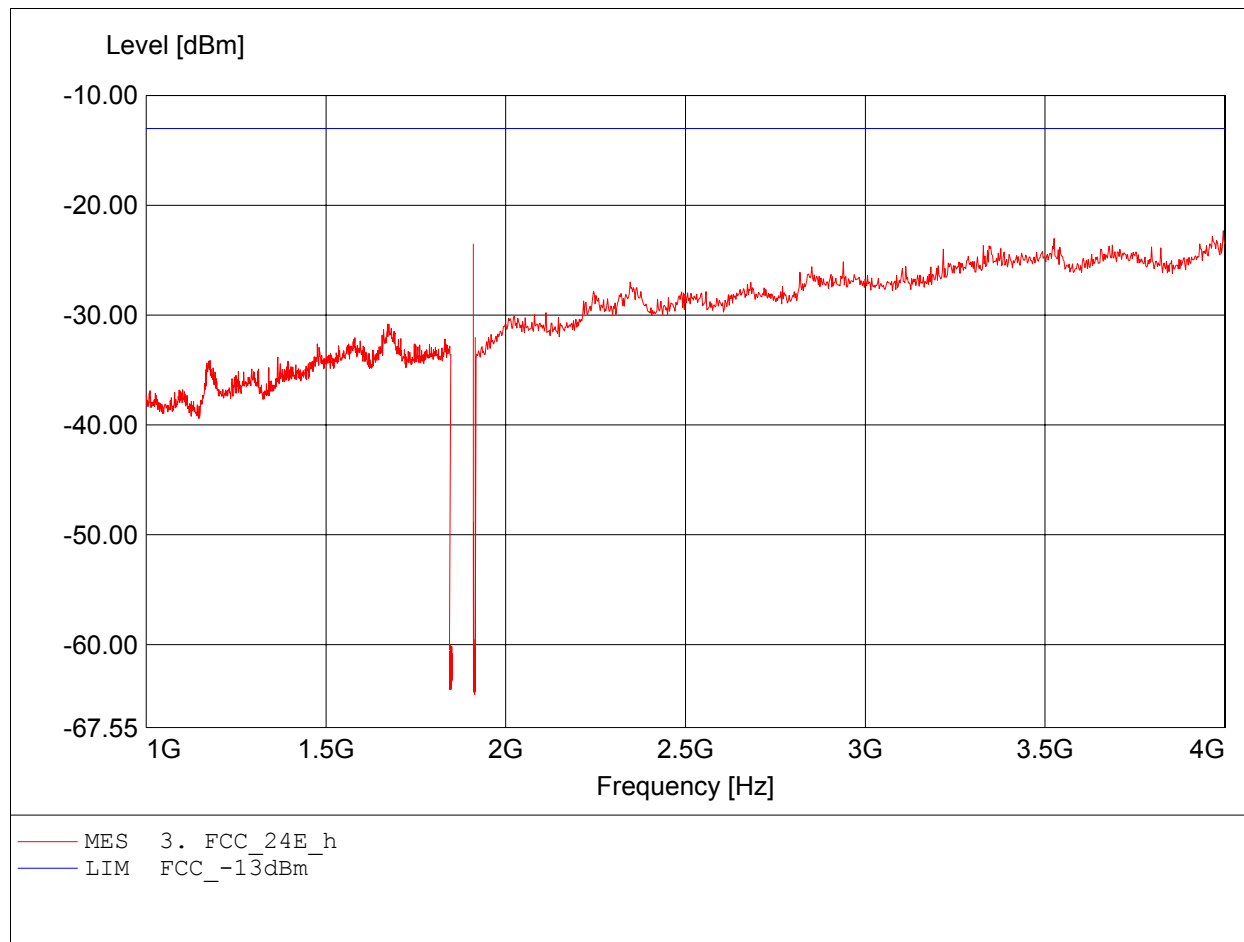
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -22.18dBm, RBW: 1MHz/3kHz



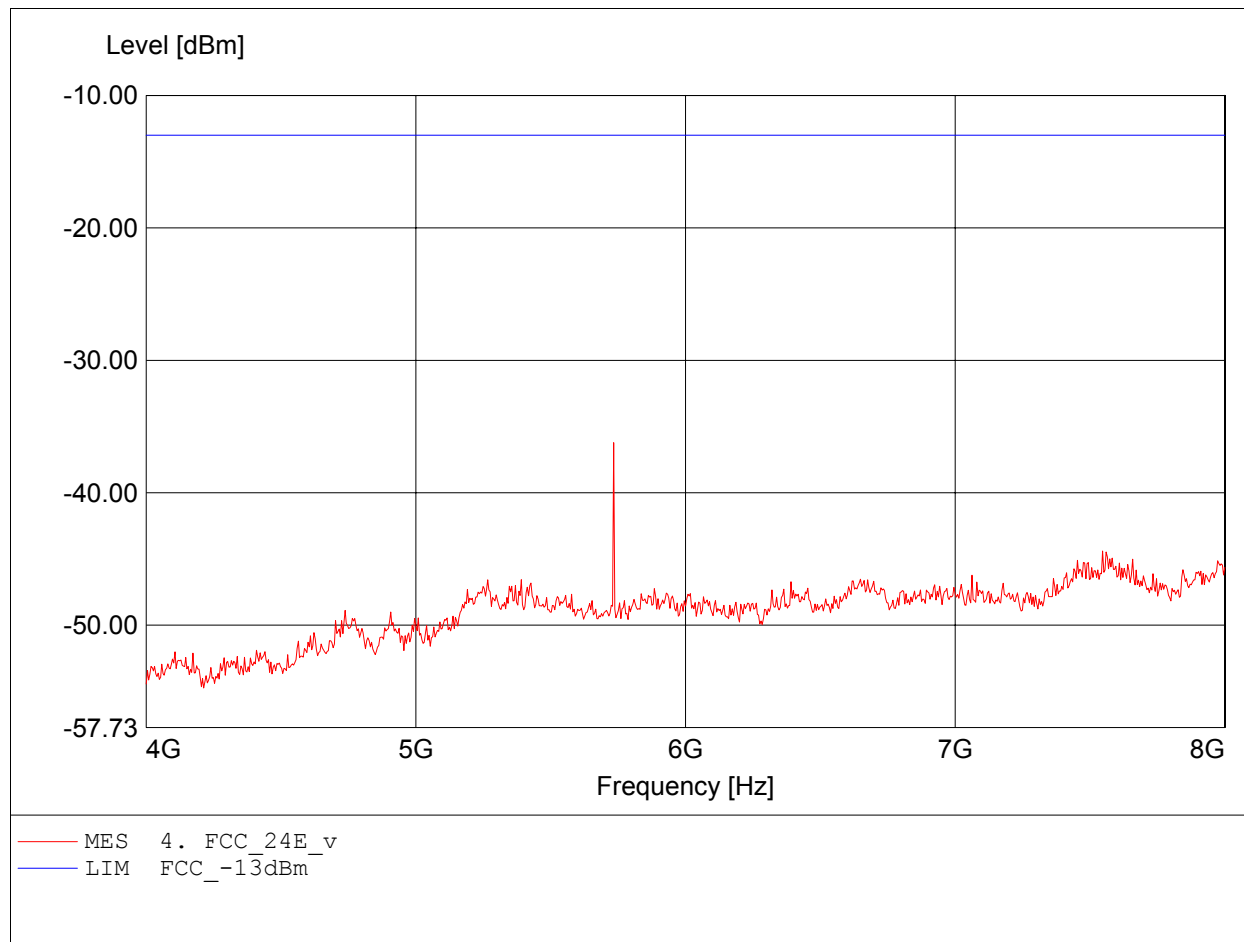
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.995GHz, Pmax: -22.32dBm, RBW: 1MHz/3kHz



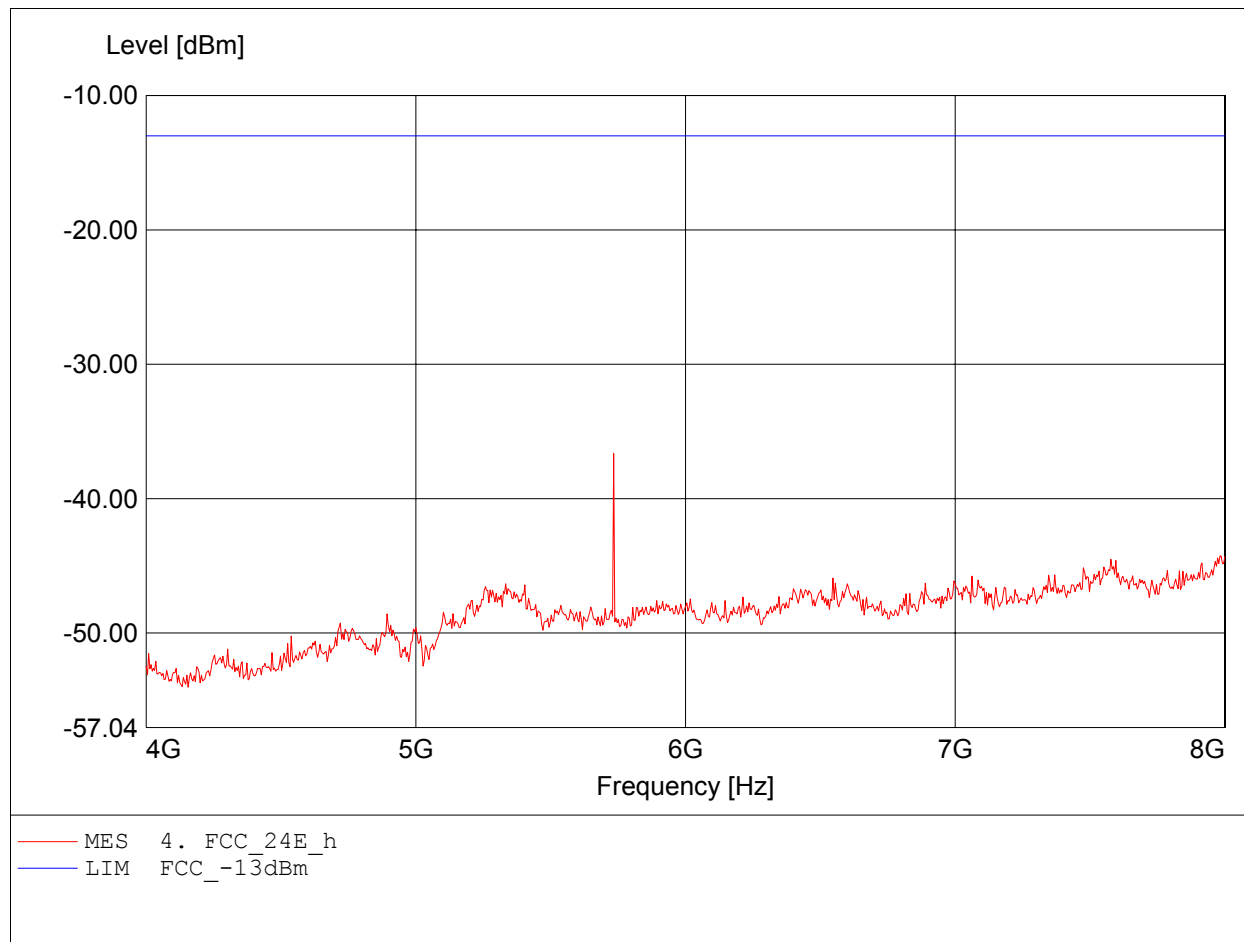
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.733GHz, Pmax: -36.21dBm, RBW: 1MHz



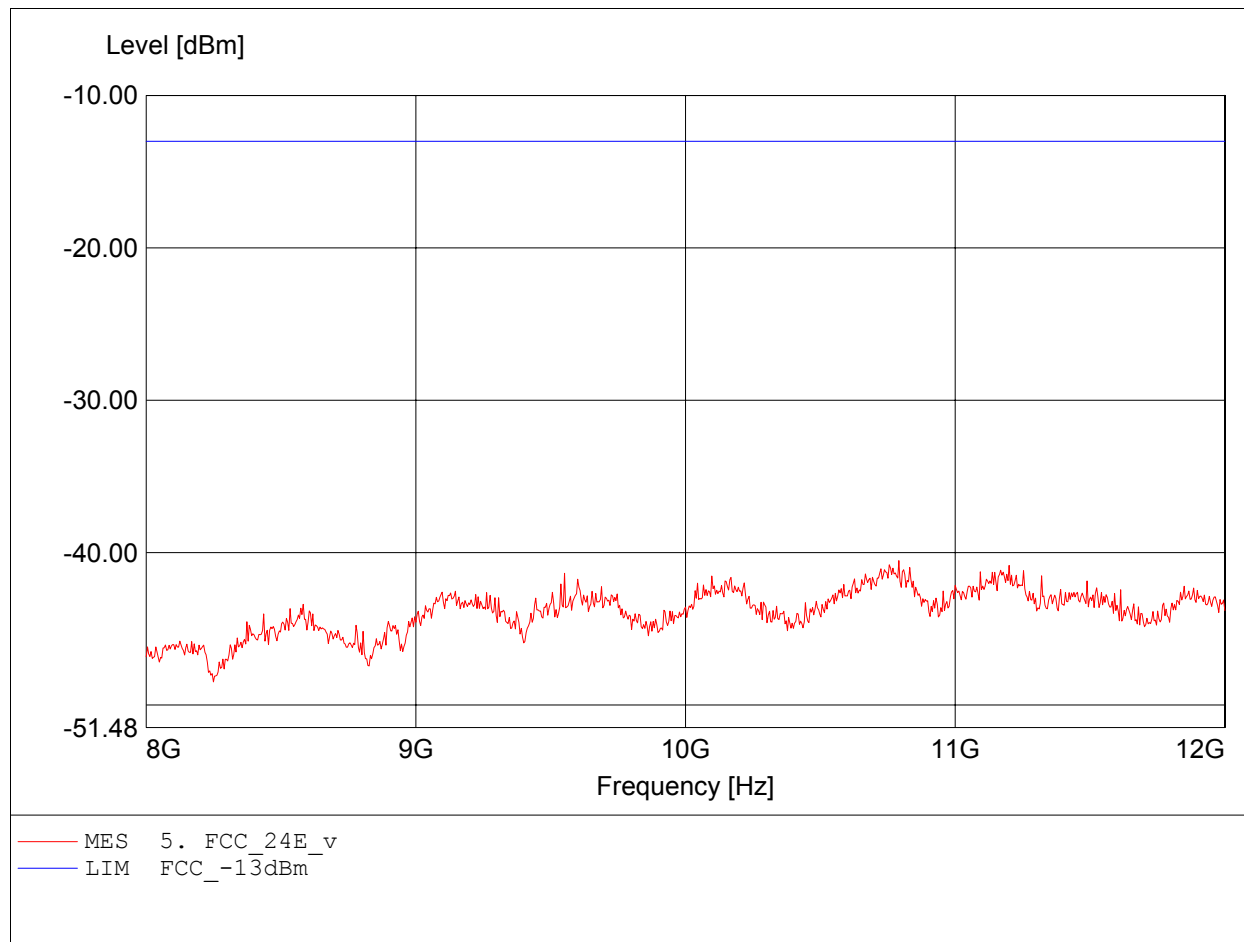
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.733GHz, Pmax: -36.64dBm, RBW: 1MHz



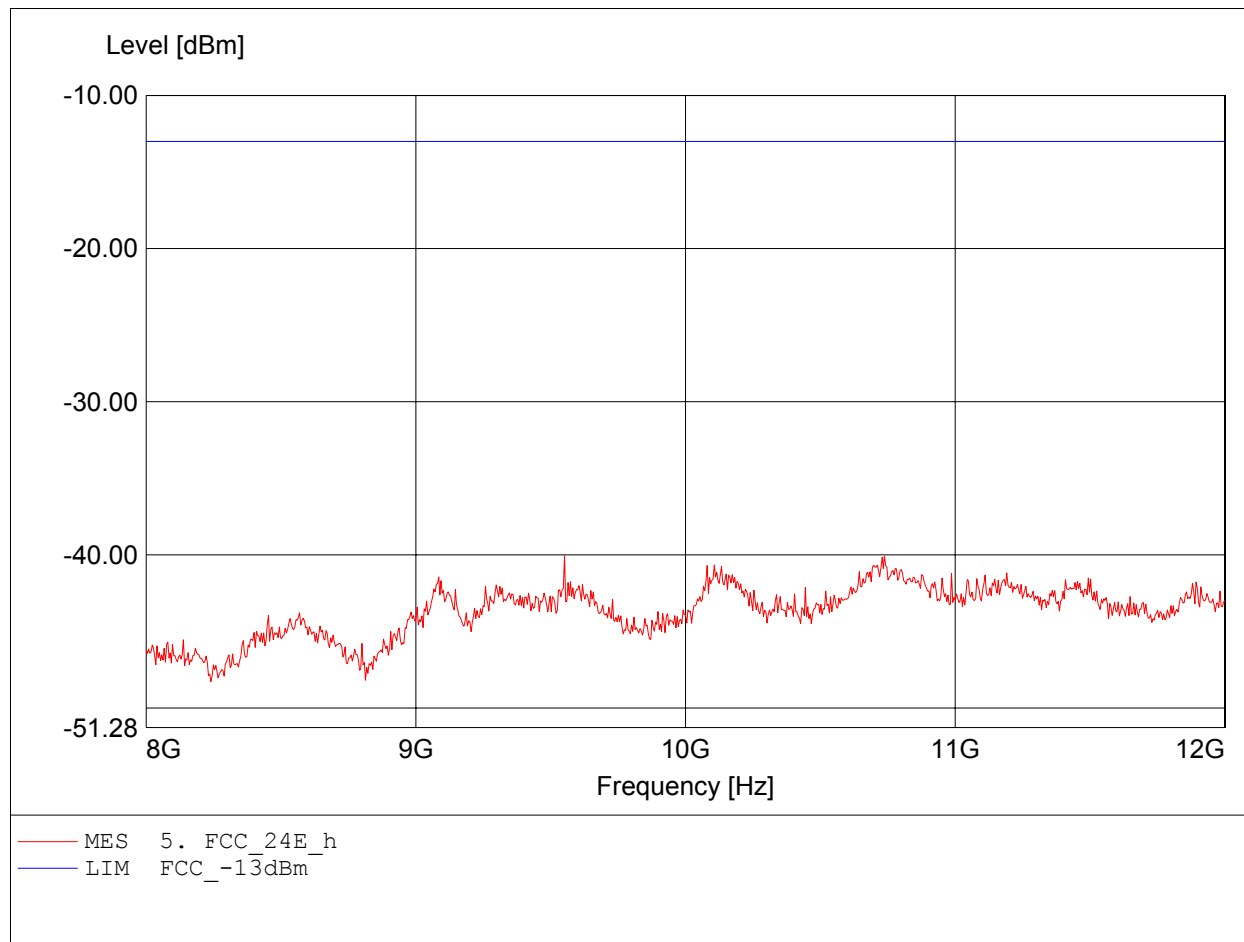
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.791GHz, Pmax: -40.52dBm, RBW: 1MHz



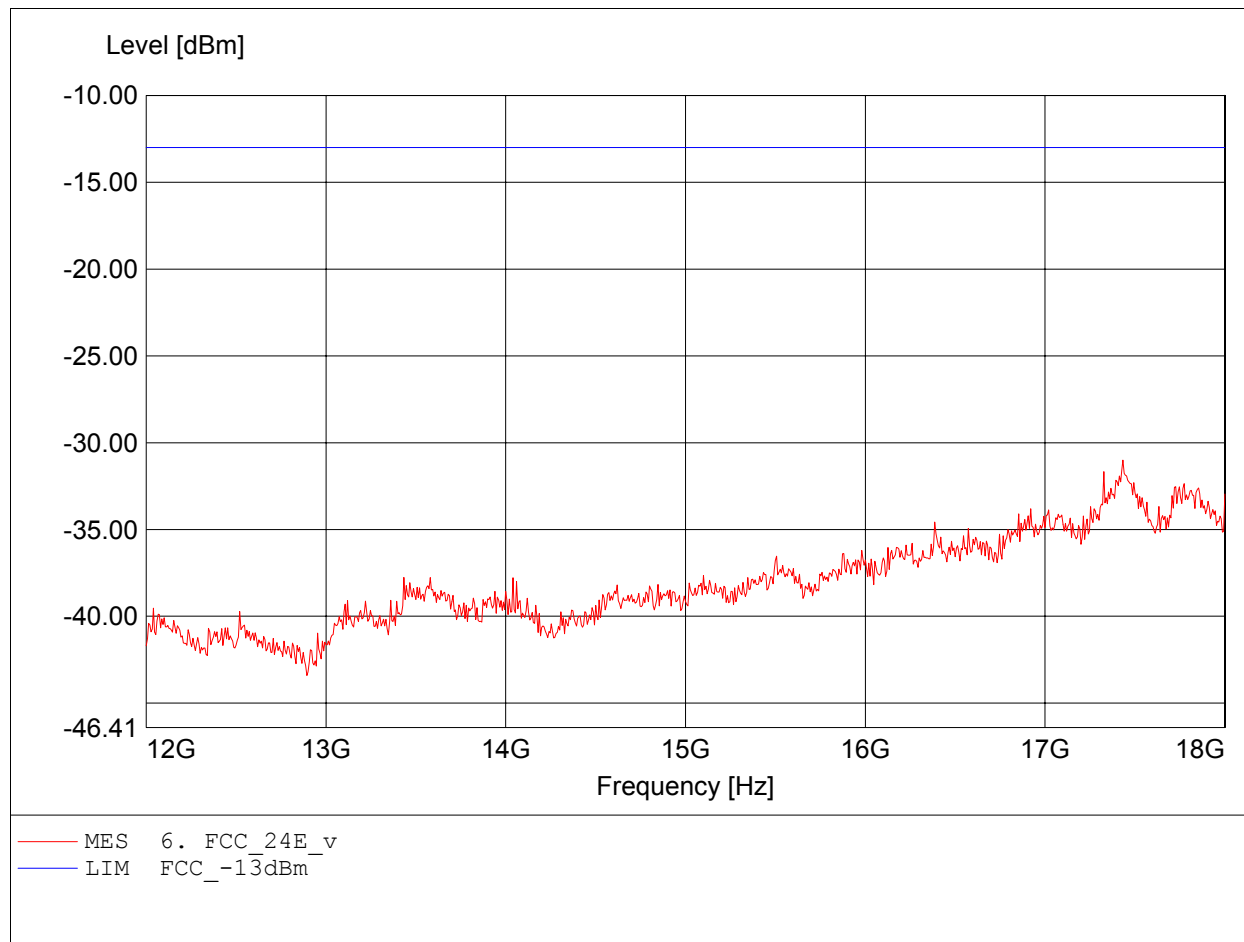
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -40.06dBm, RBW: 1MHz



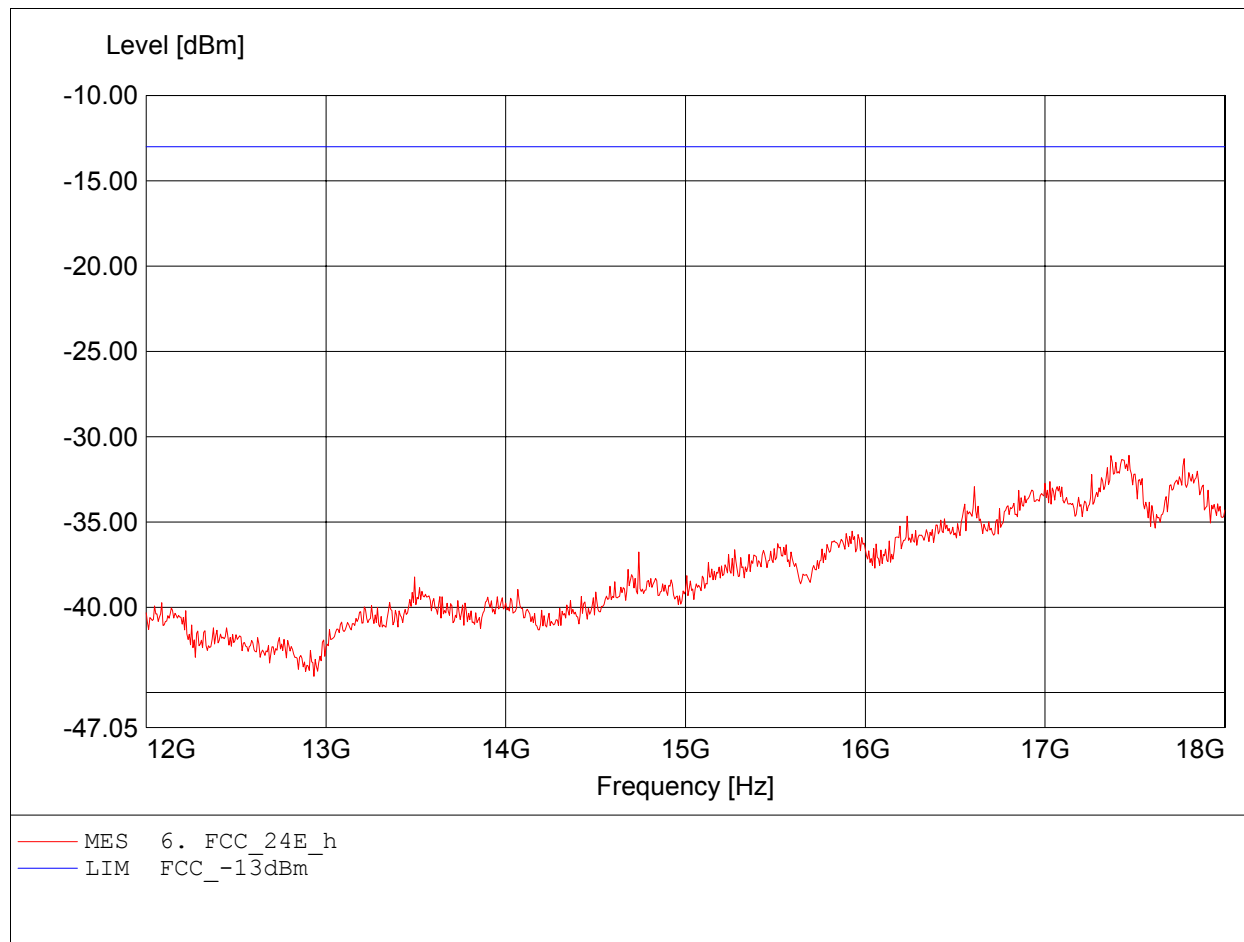
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.433GHz, Pmax: -31.00dBm, RBW: 1MHz



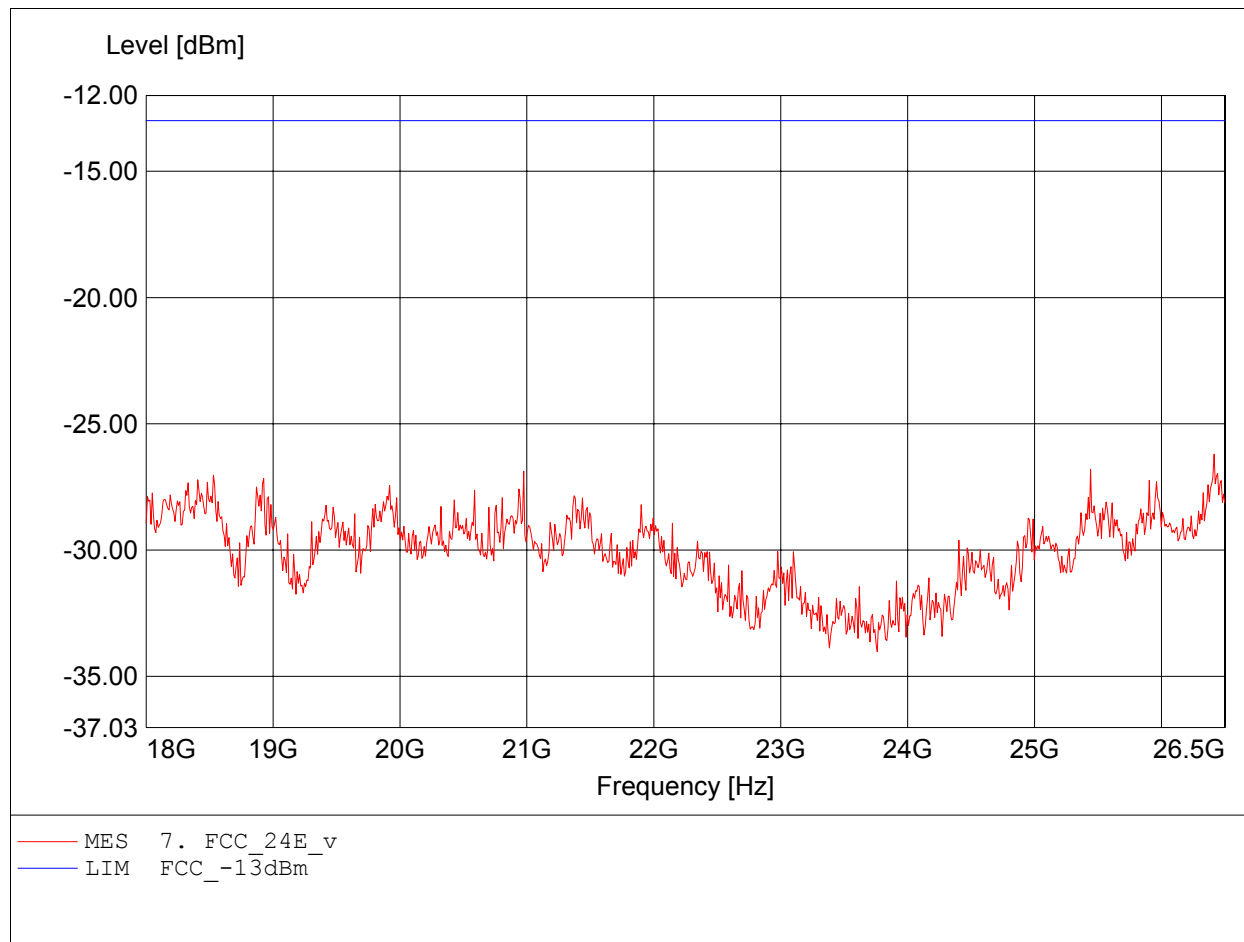
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.467GHz, Pmax: -31.09dBm, RBW: 1MHz



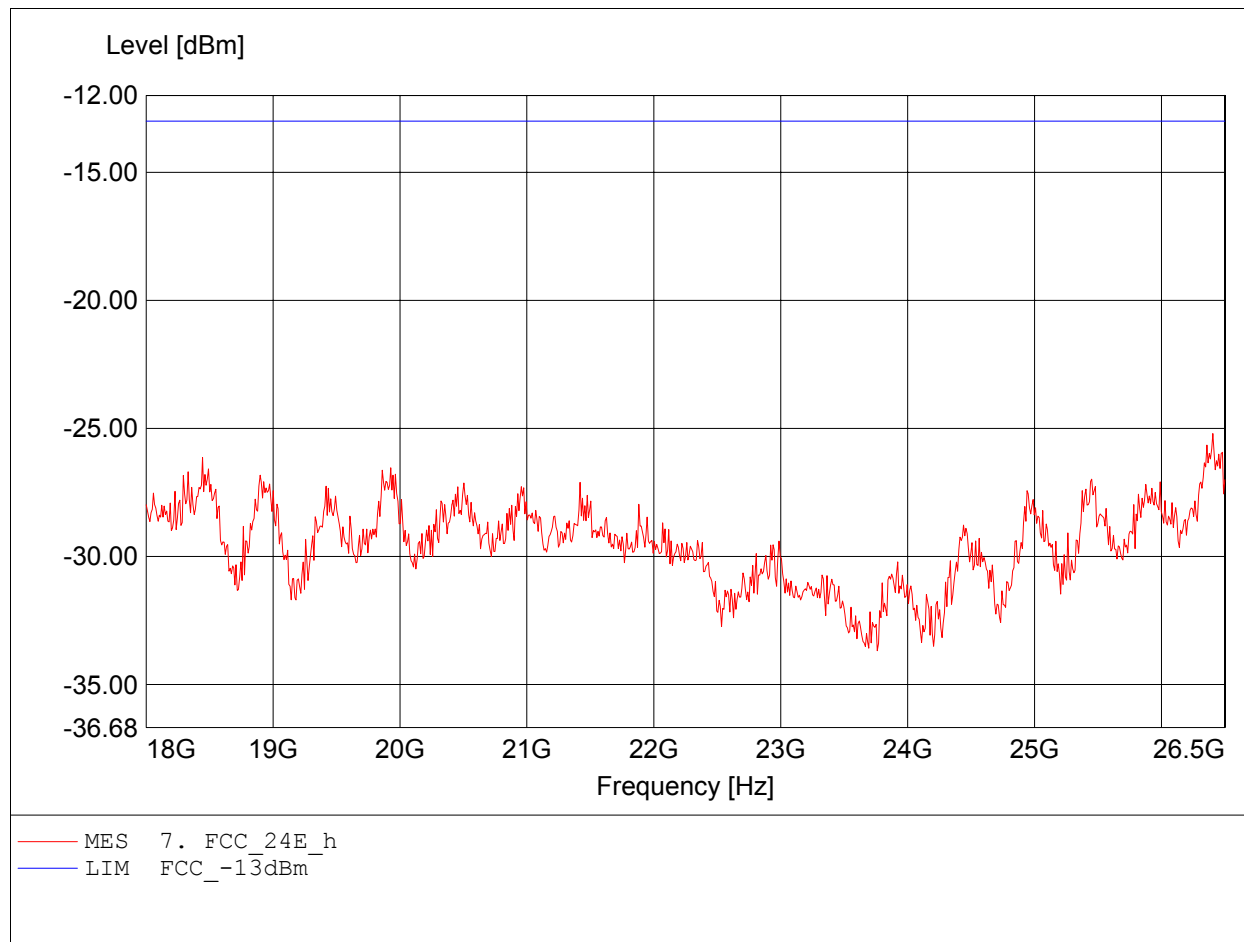
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.415GHz, Pmax: -26.20dBm, RBW: 1MHz



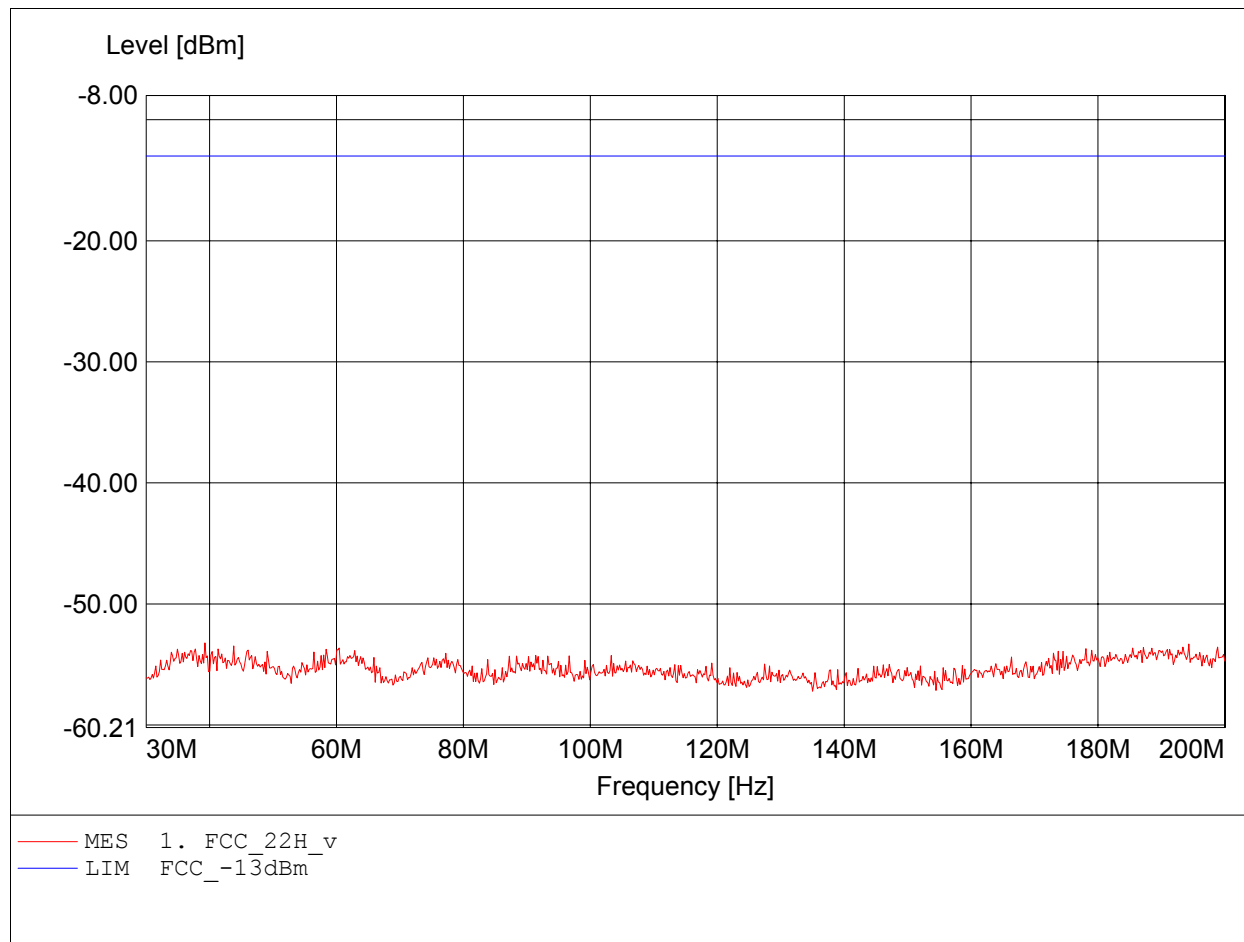
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 810
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.406GHz, Pmax: -25.20dBm, RBW: 1MHz



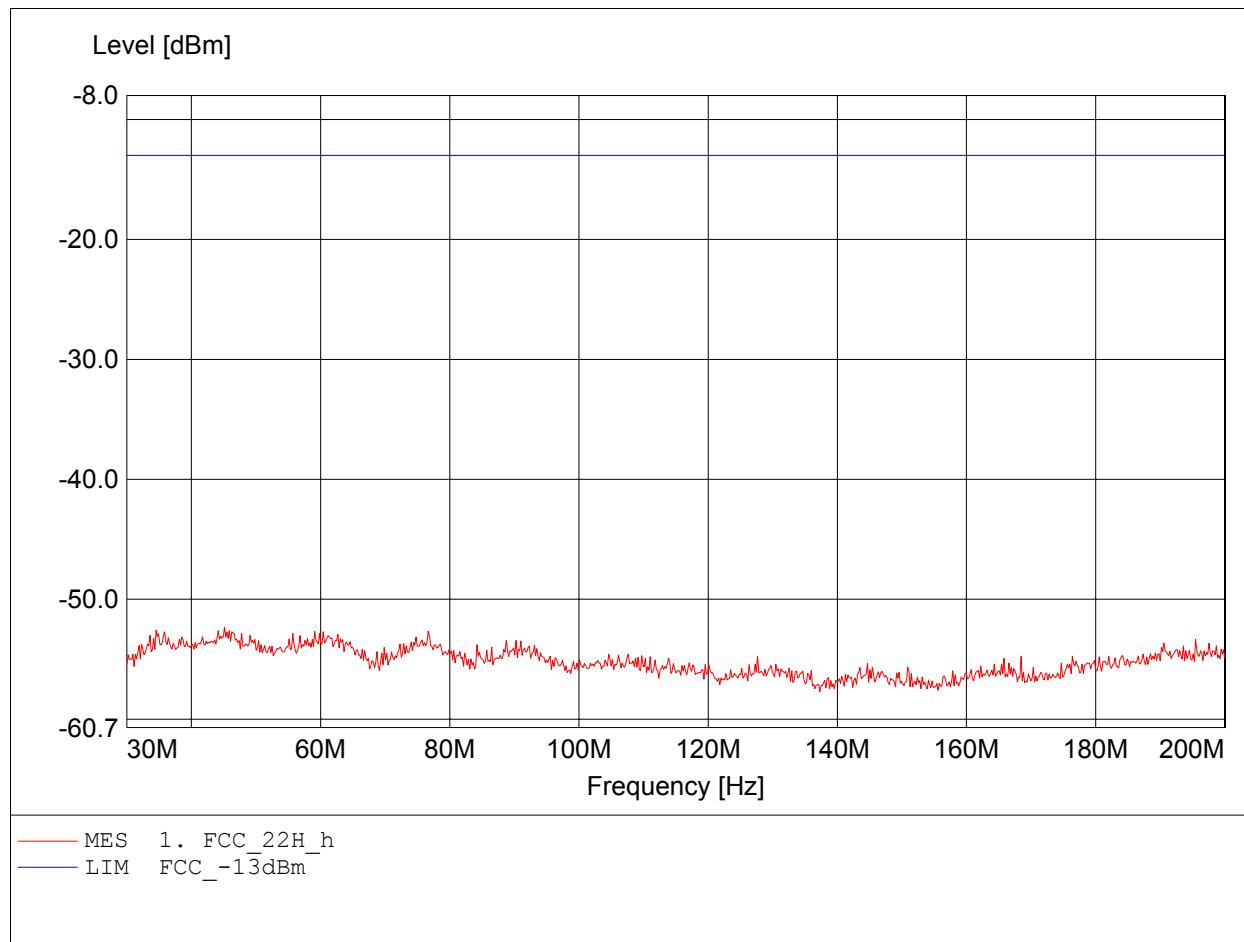
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 39.256MHz, Pmax: -53.21dBm, RBW: 1MHz



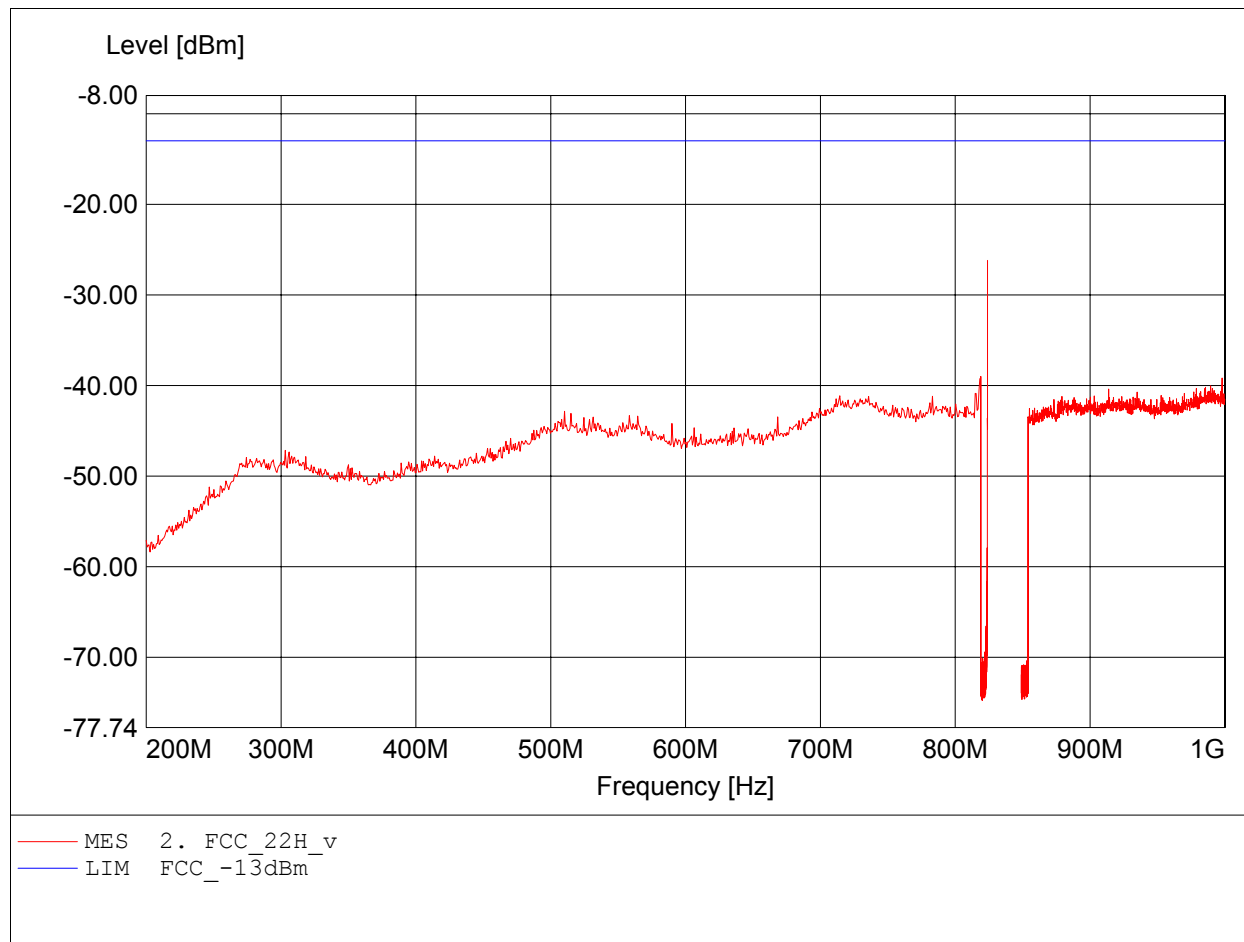
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 45.111MHz, Pmax: -52.34dBm, RBW: 1MHz



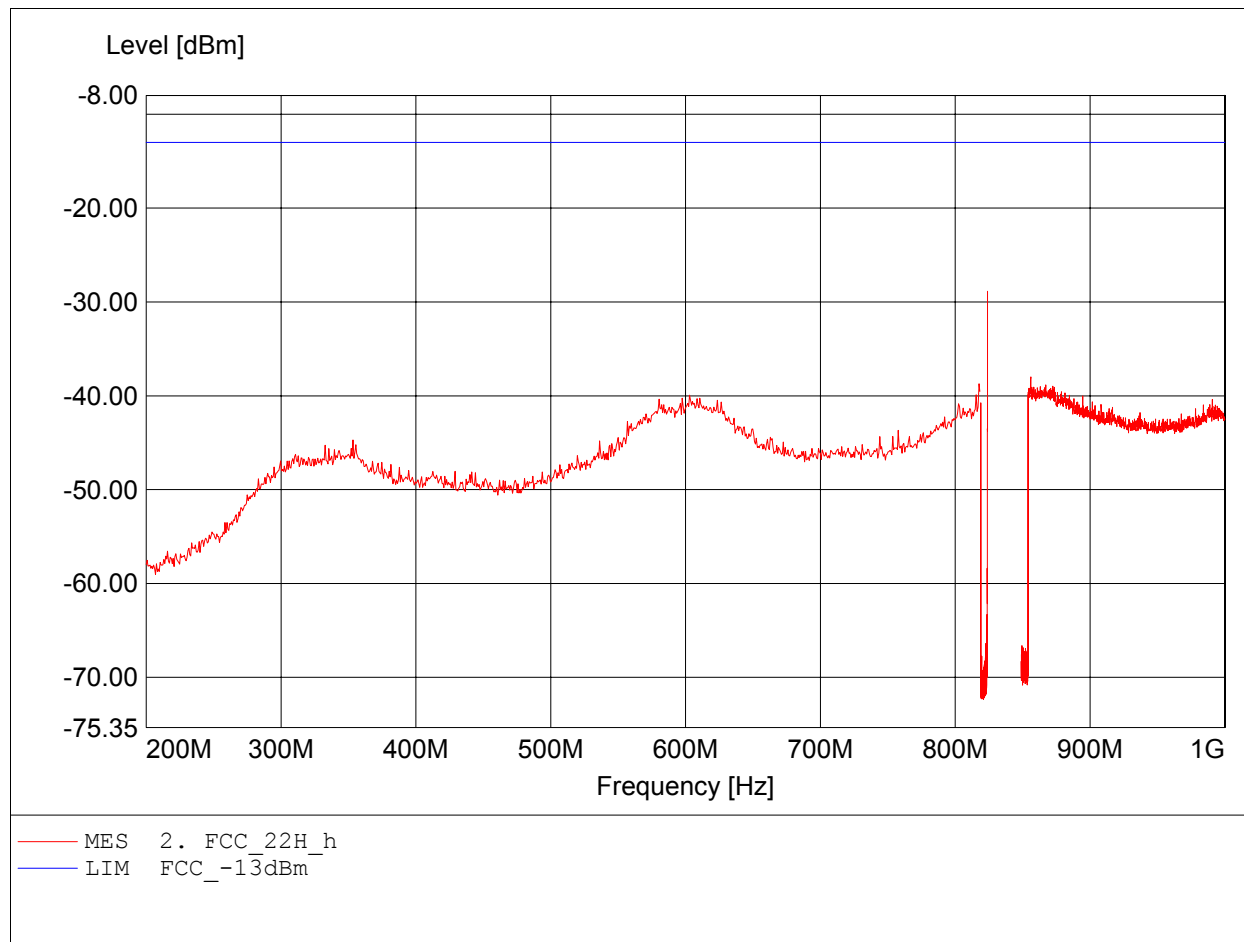
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.994MHz, Pmax: -26.19dBm, RBW: 1MHz



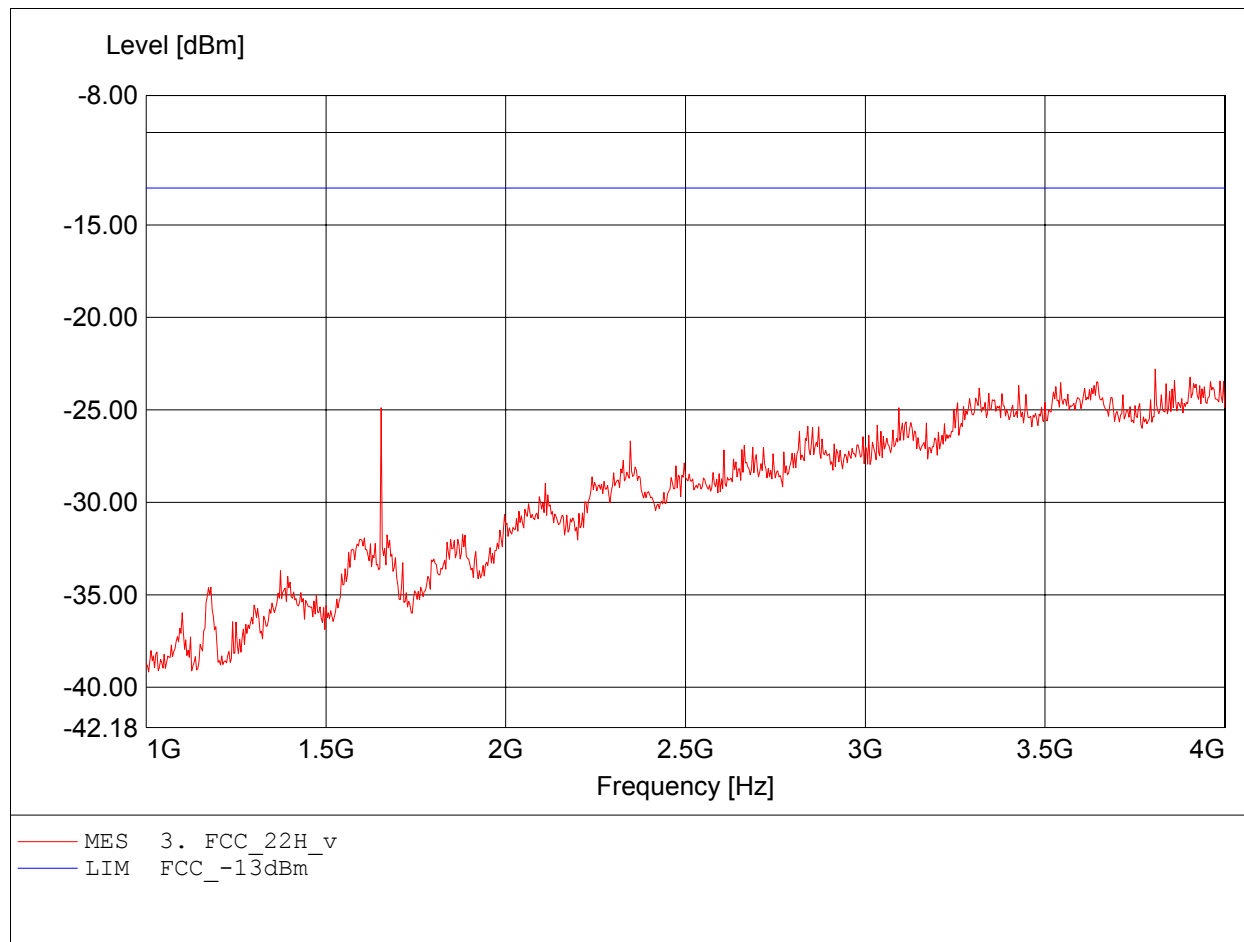
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.983MHz, Pmax: -28.85dBm, RBW: 1MHz



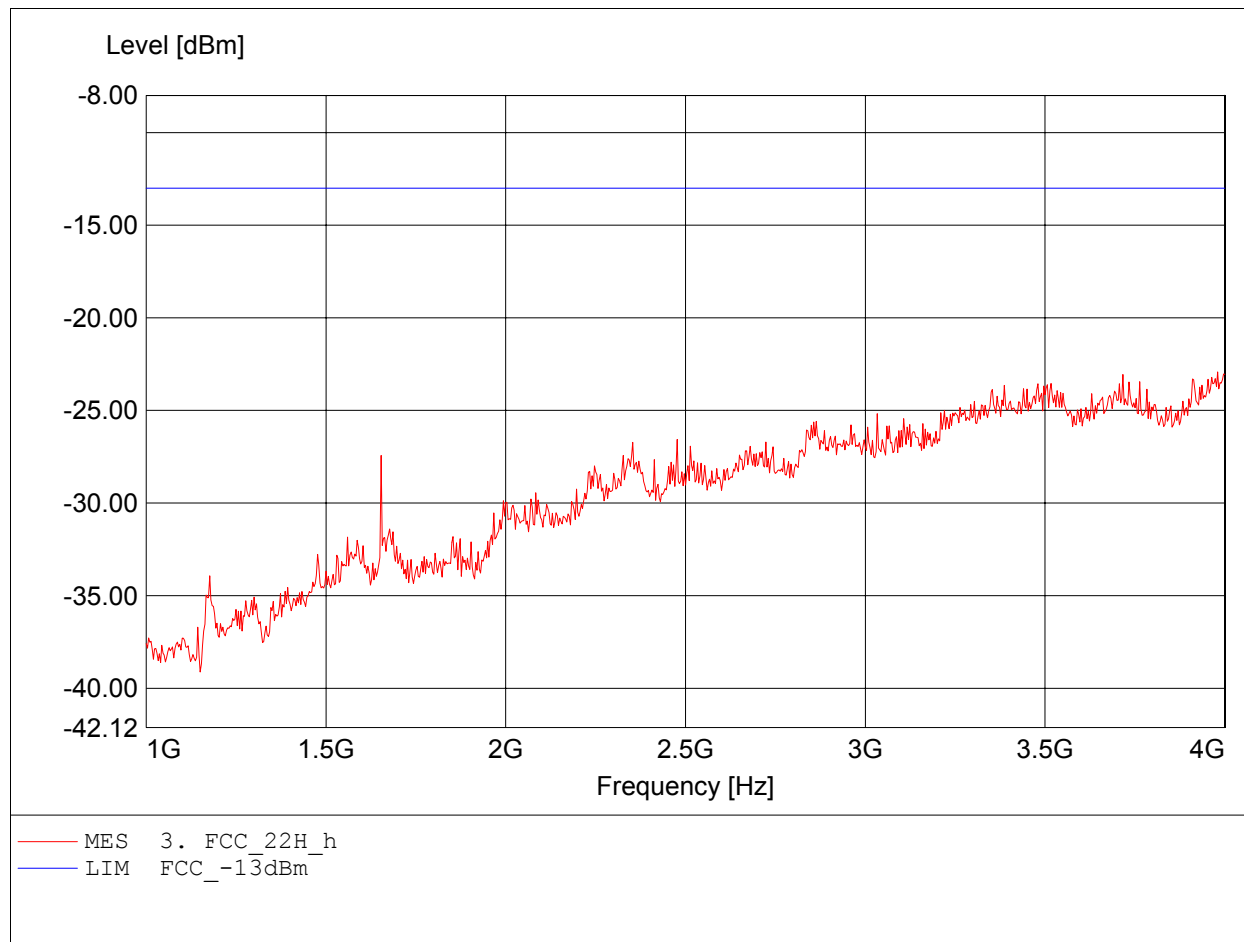
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.807GHz, Pmax: -22.79dBm, RBW: 1MHz



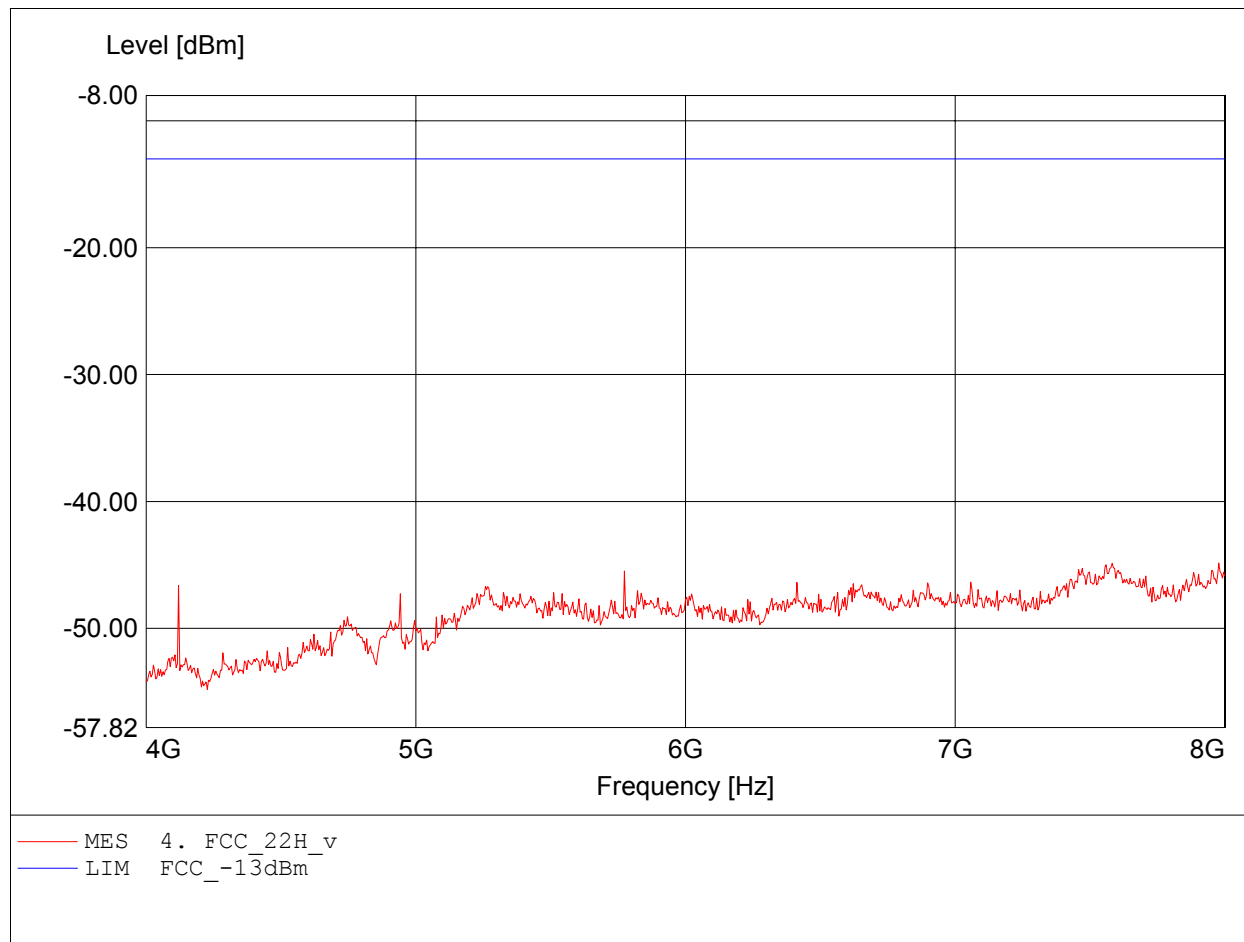
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.980GHz, Pmax: -22.92dBm, RBW: 1MHz



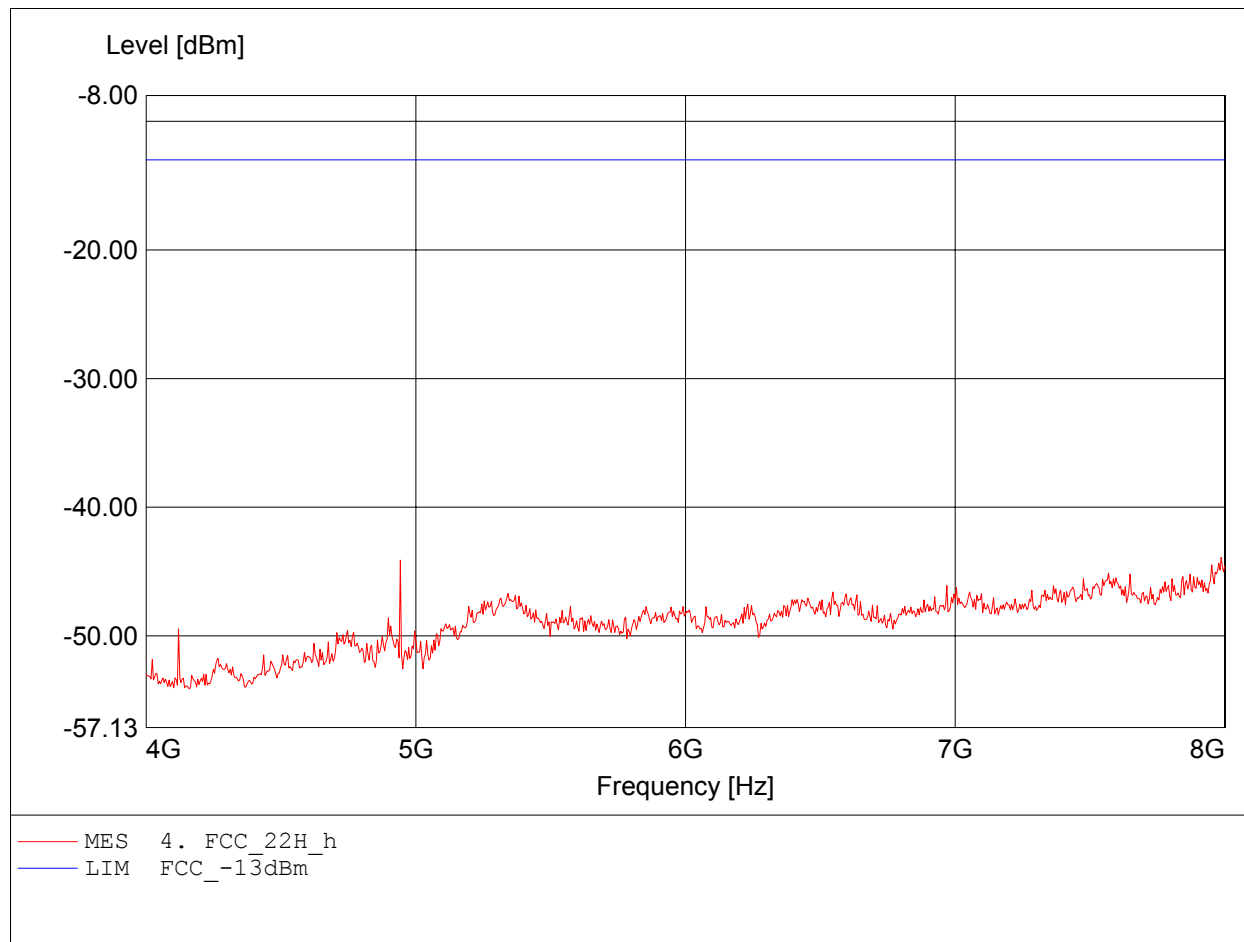
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.978GHz, Pmax: -44.85dBm, RBW: 1MHz



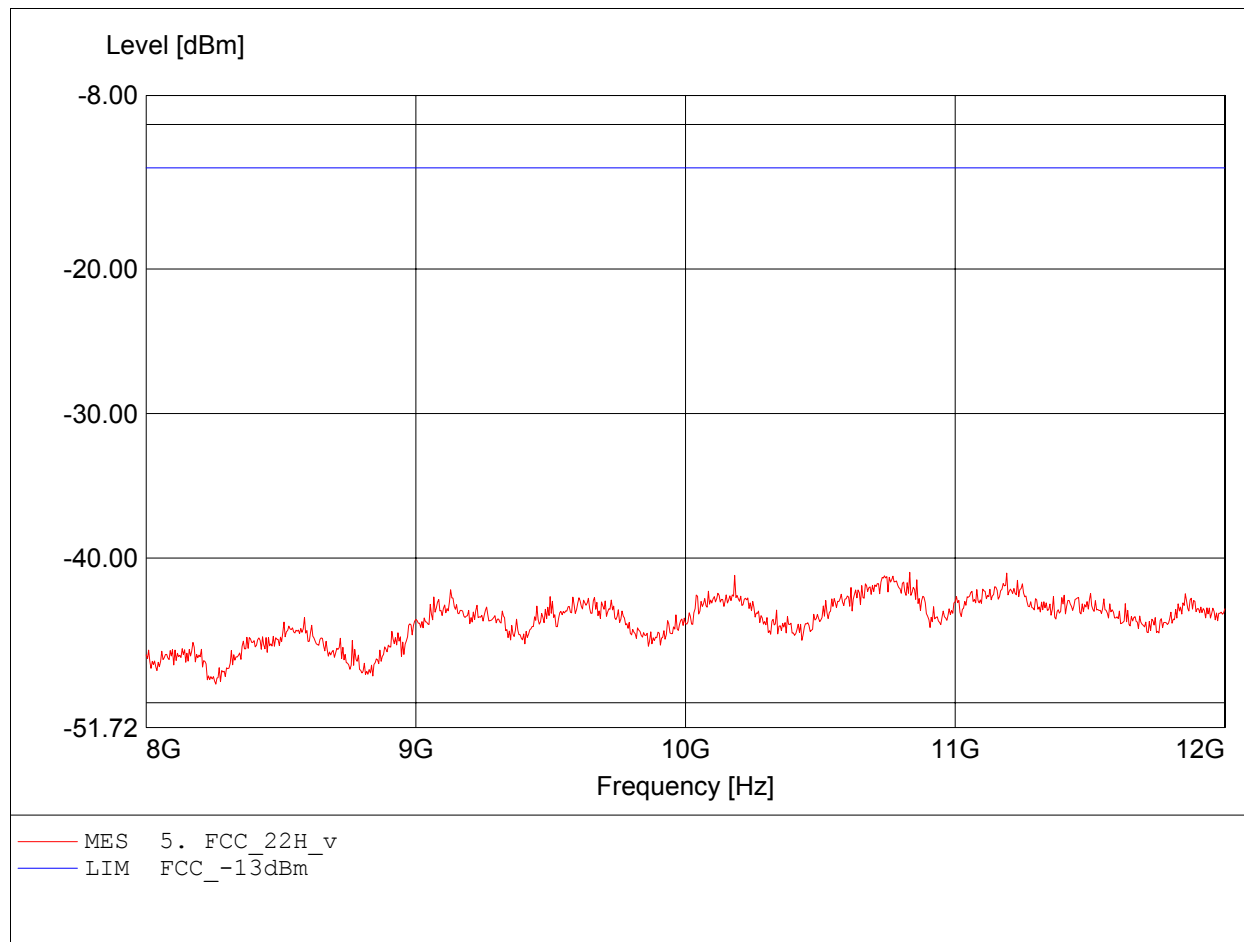
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.987GHz, Pmax: -43.91dBm, RBW: 1MHz



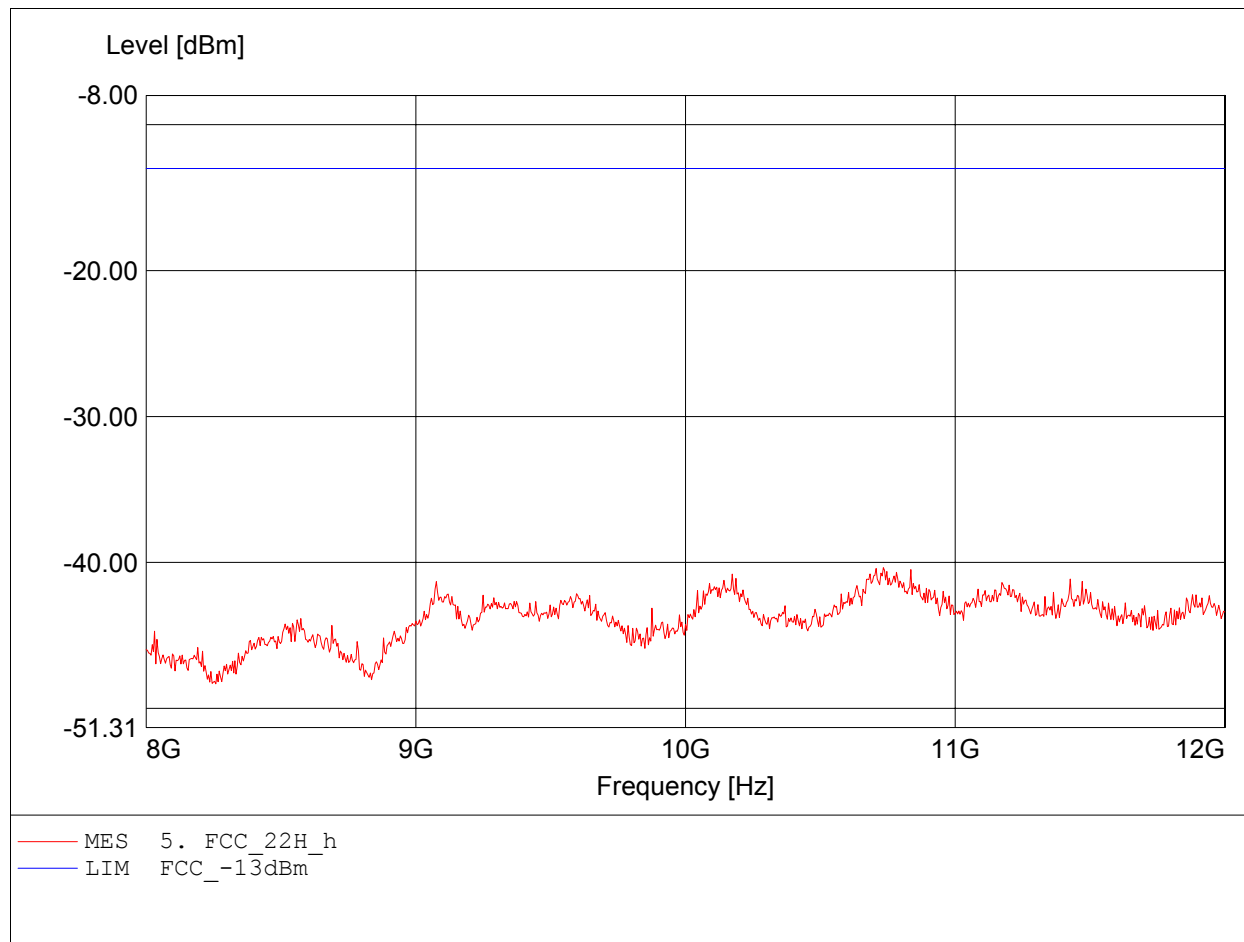
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.831GHz, Pmax: -40.98dBm, RBW: 1MHz



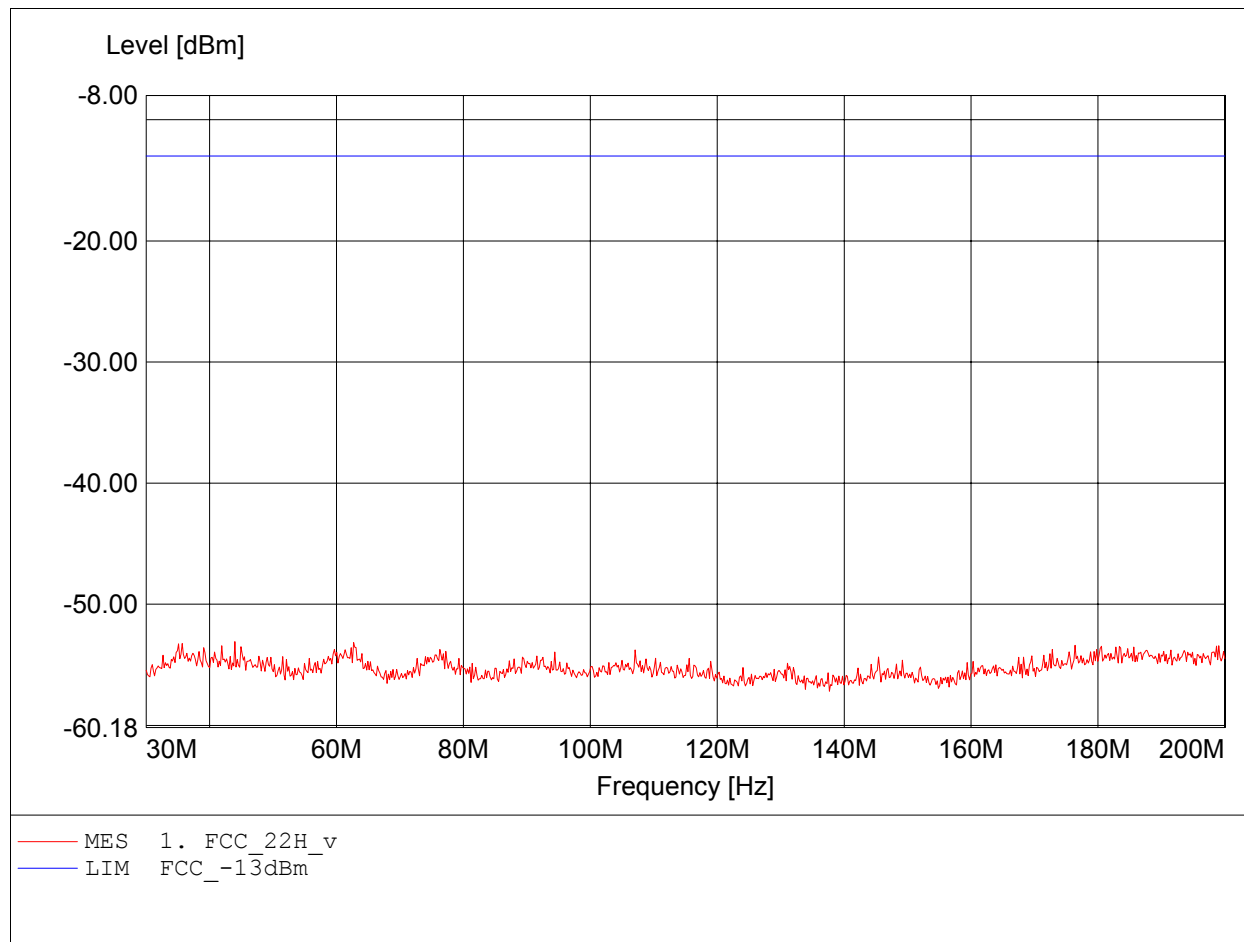
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 128
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.733GHz, Pmax: -40.35dBm, RBW: 1MHz



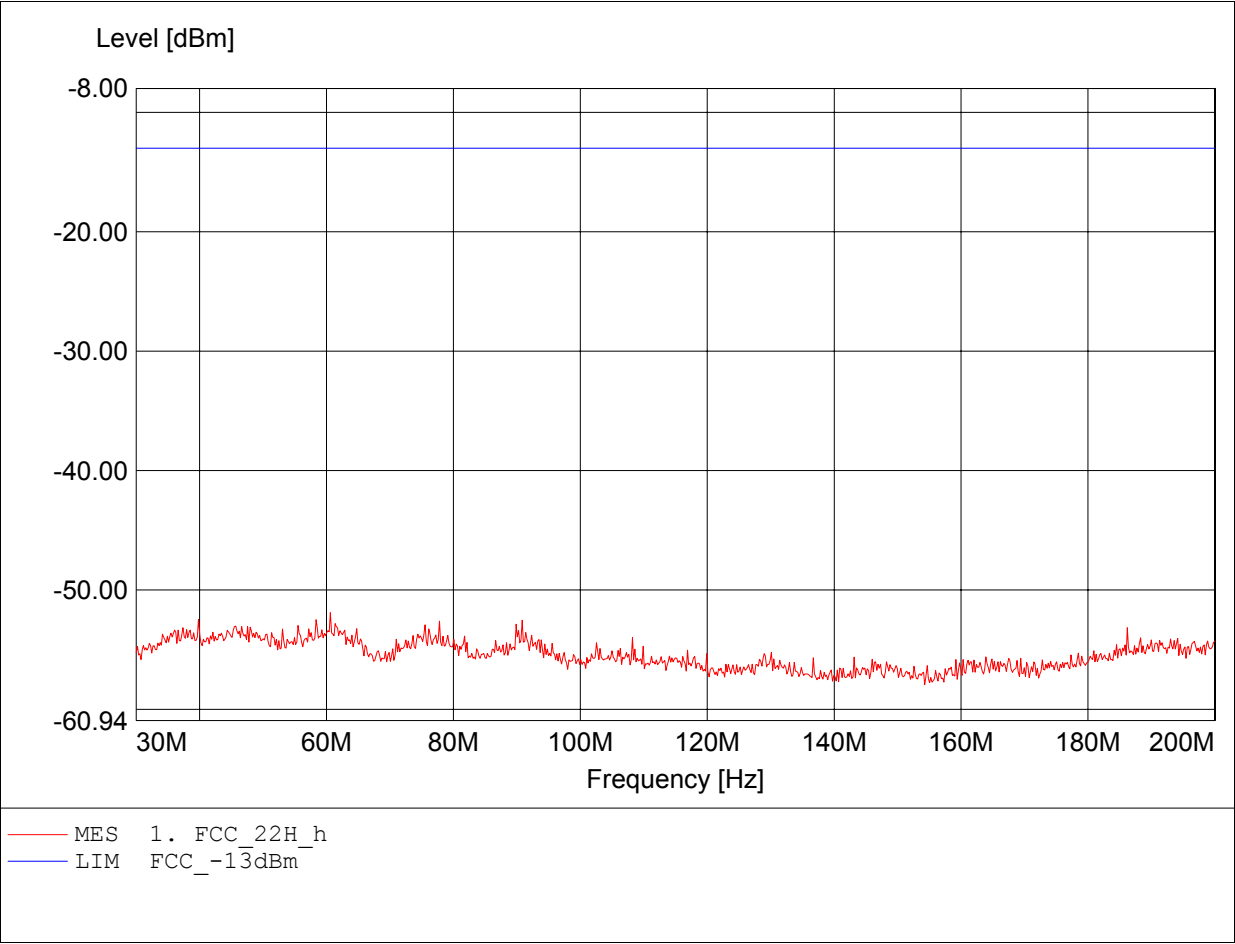
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 43.978MHz, Pmax: -53.09dBm, RBW: 1MHz



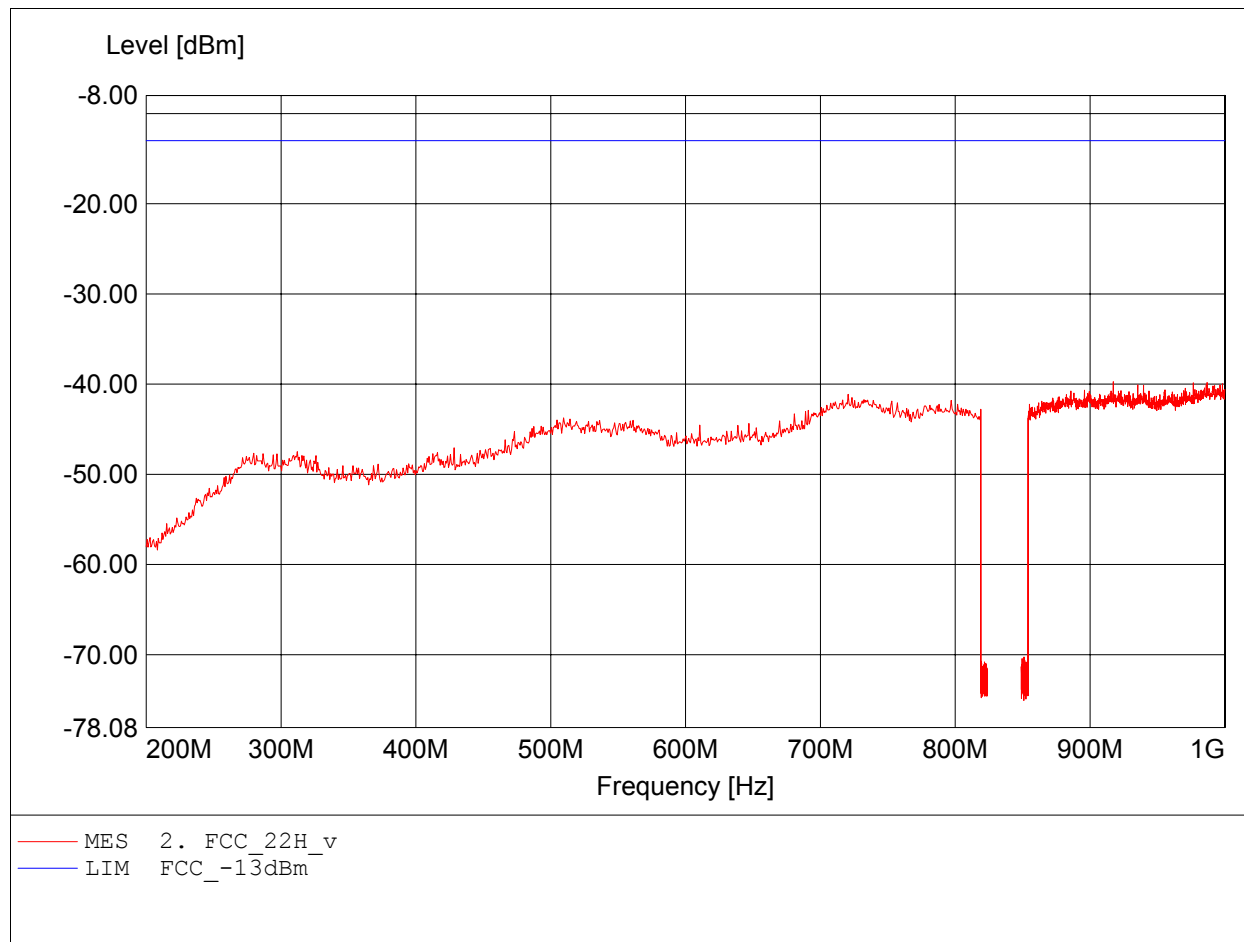
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 60.600MHz, Pmax: -51.91dBm, RBW: 1MHz



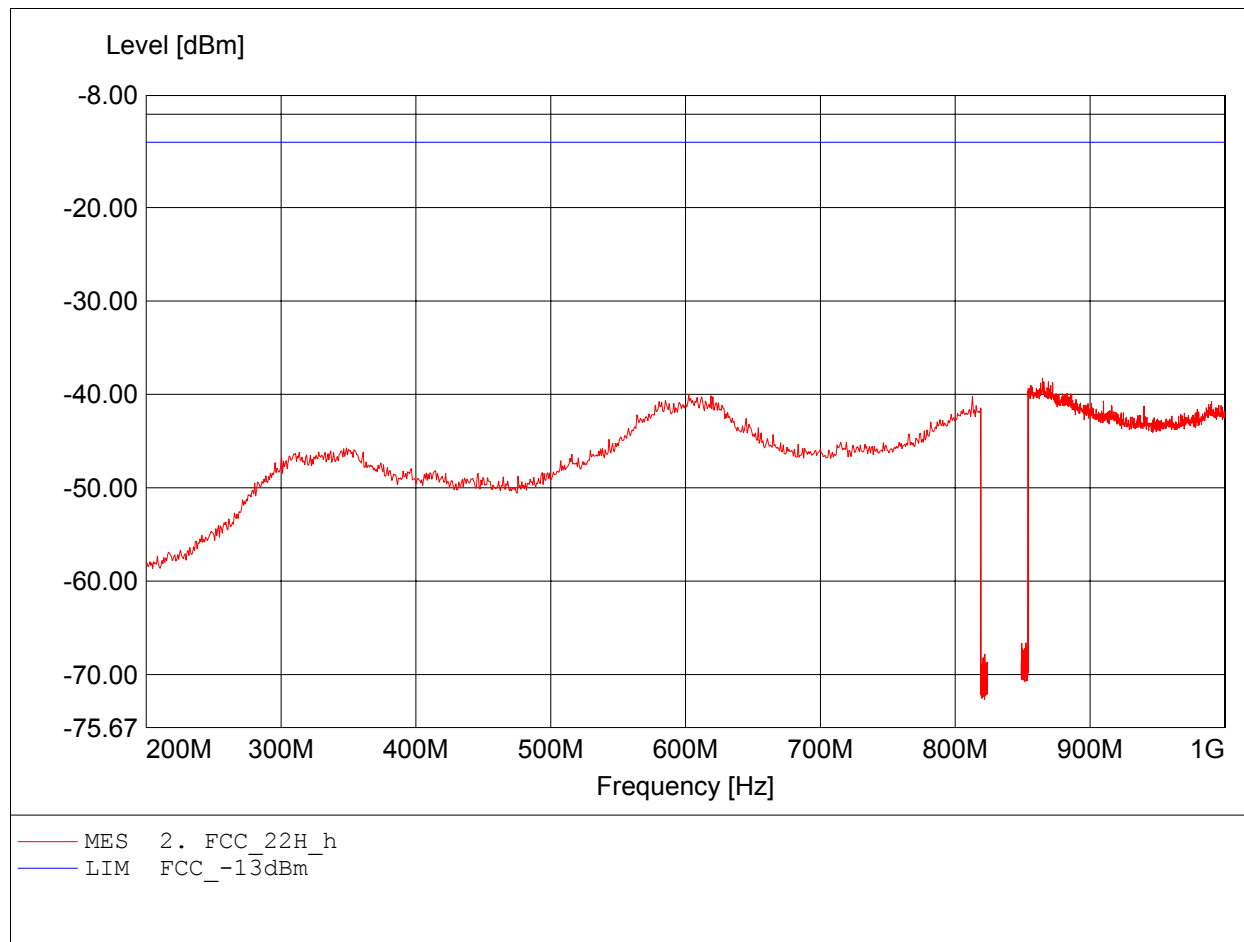
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 917.267MHz, Pmax: -39.73dBm, RBW: 1MHz



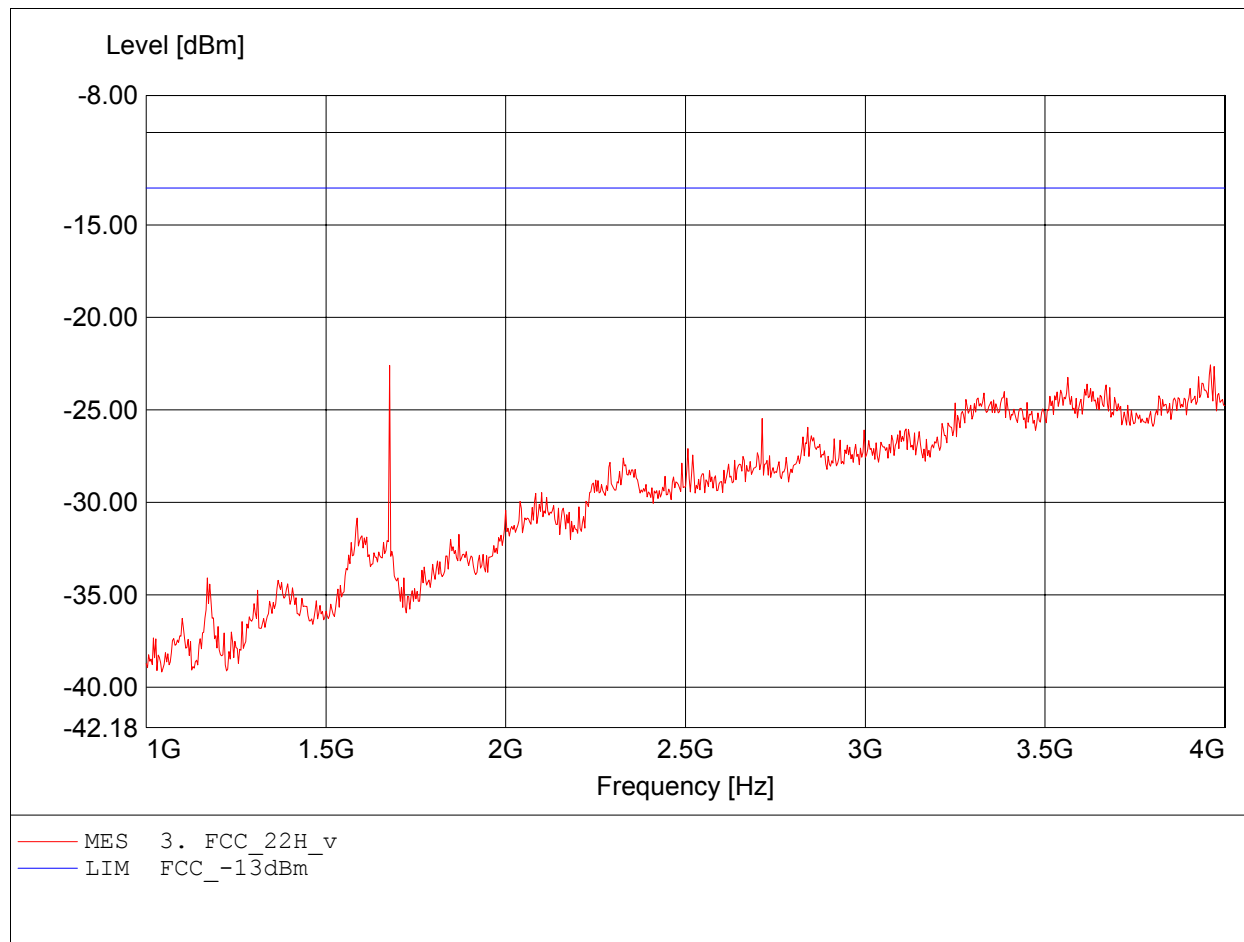
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 864.707MHz, Pmax: -38.25dBm, RBW: 1MHz



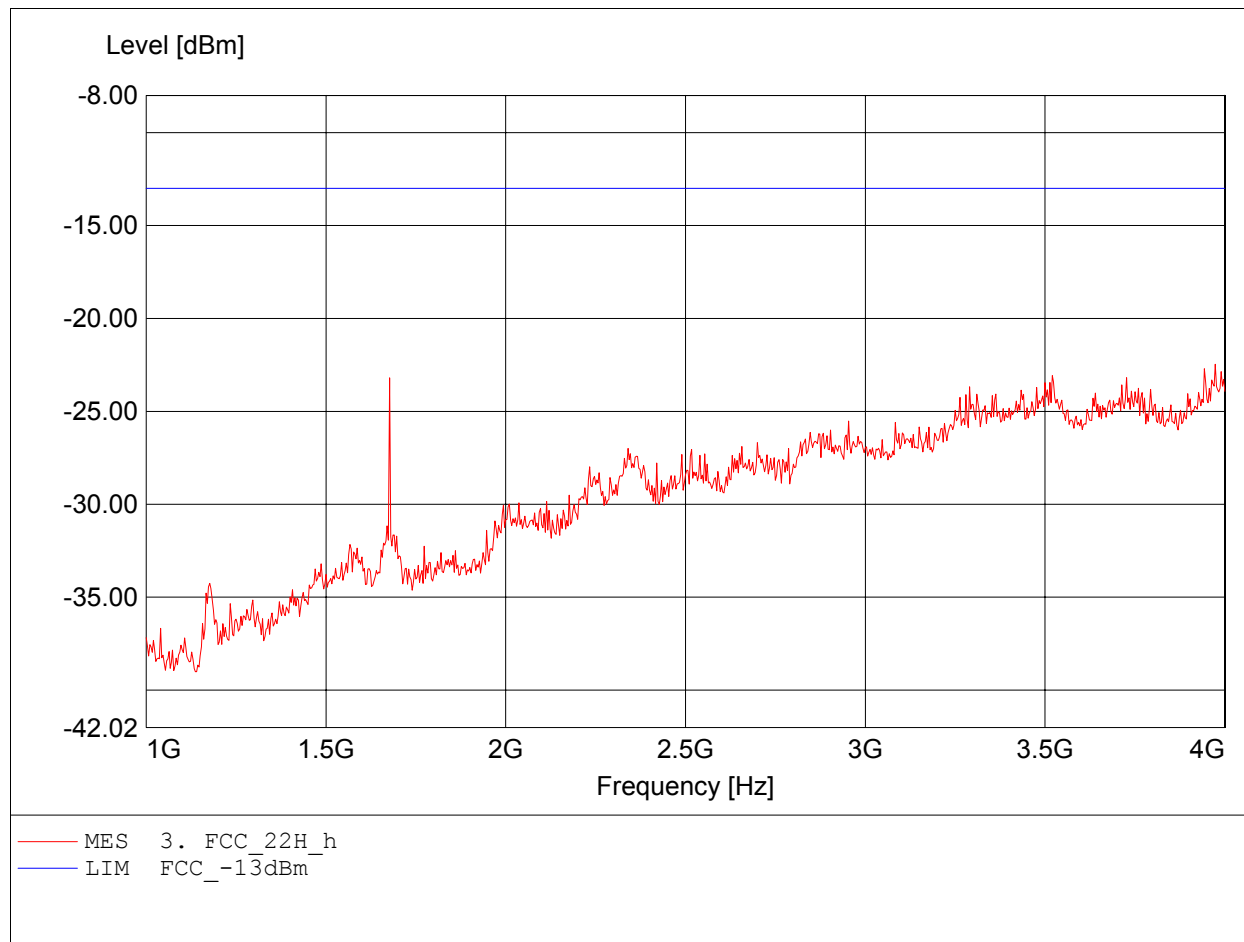
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.960GHz, Pmax: -22.57dBm, RBW: 1MHz



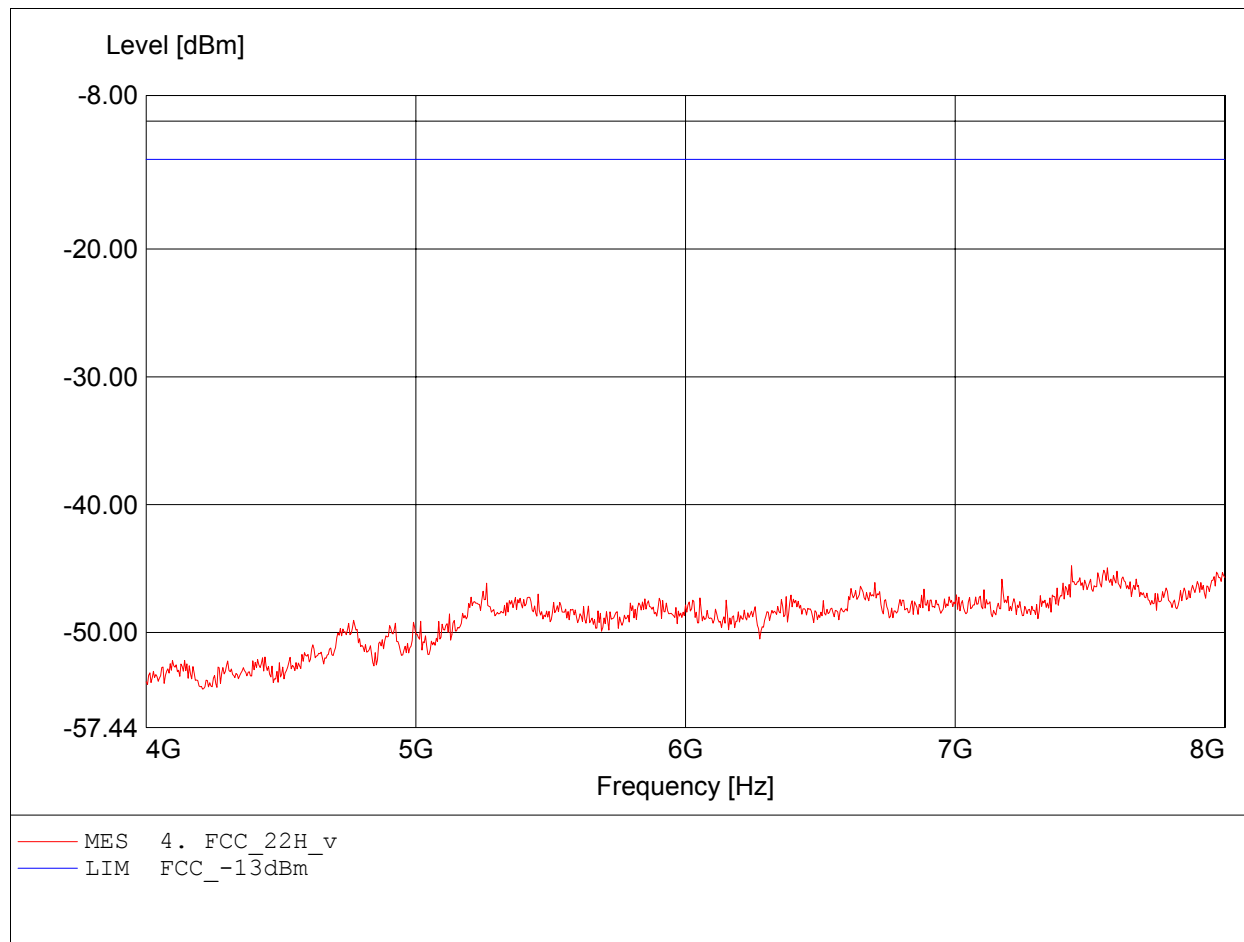
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.973GHz, Pmax: -22.47dBm, RBW: 1MHz



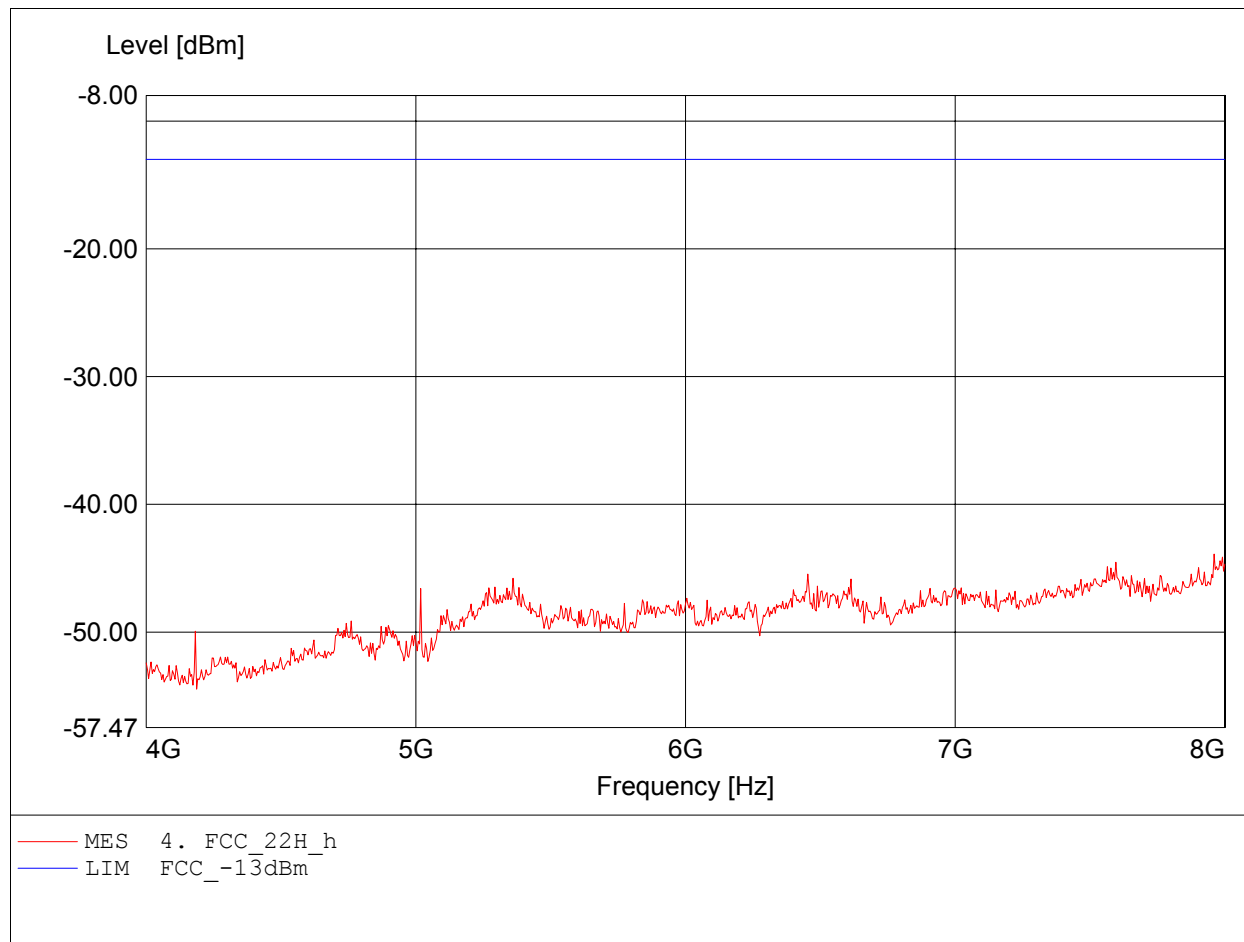
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.431GHz, Pmax: -44.78dBm, RBW: 1MHz



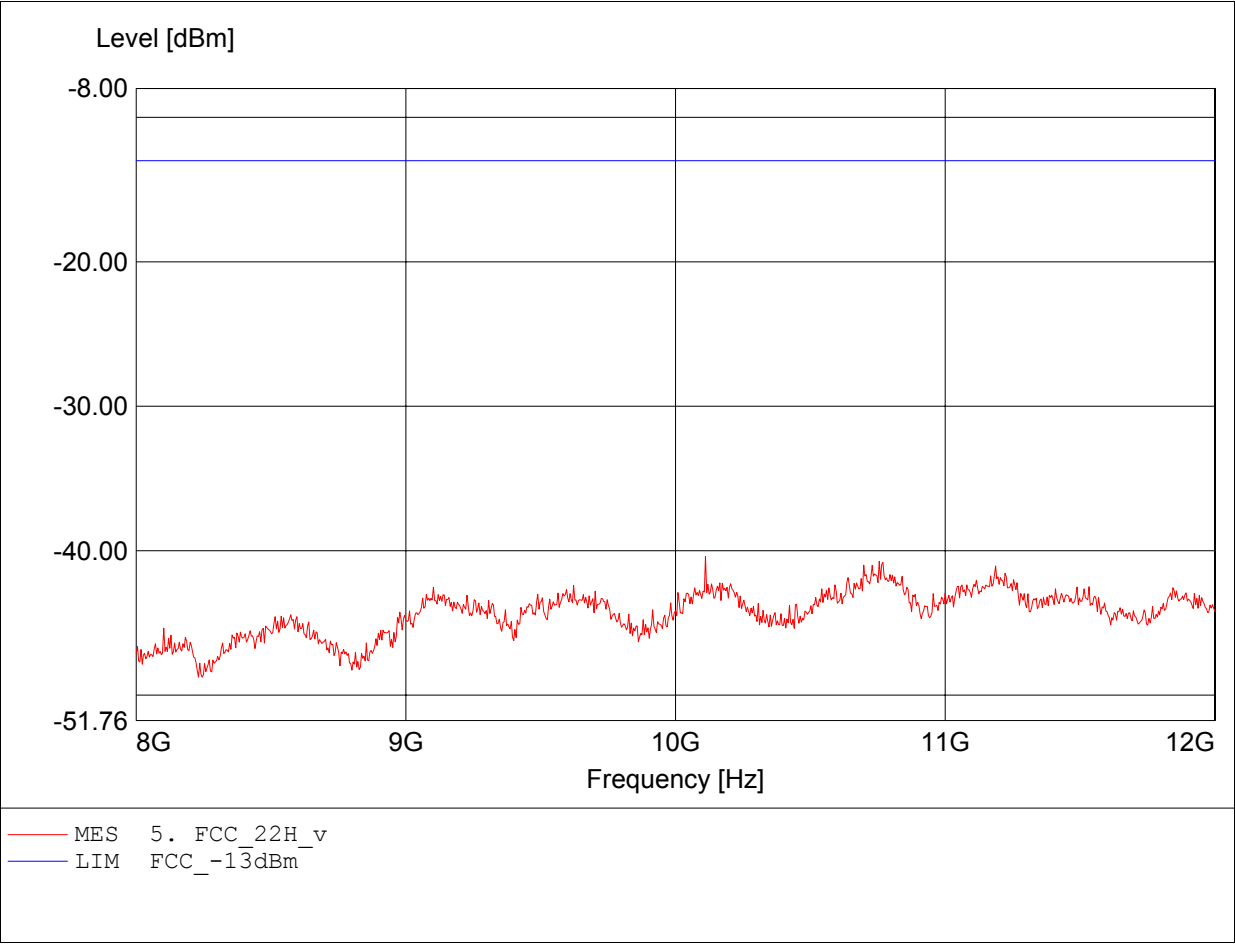
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.960GHz, Pmax: -43.90dBm, RBW: 1MHz



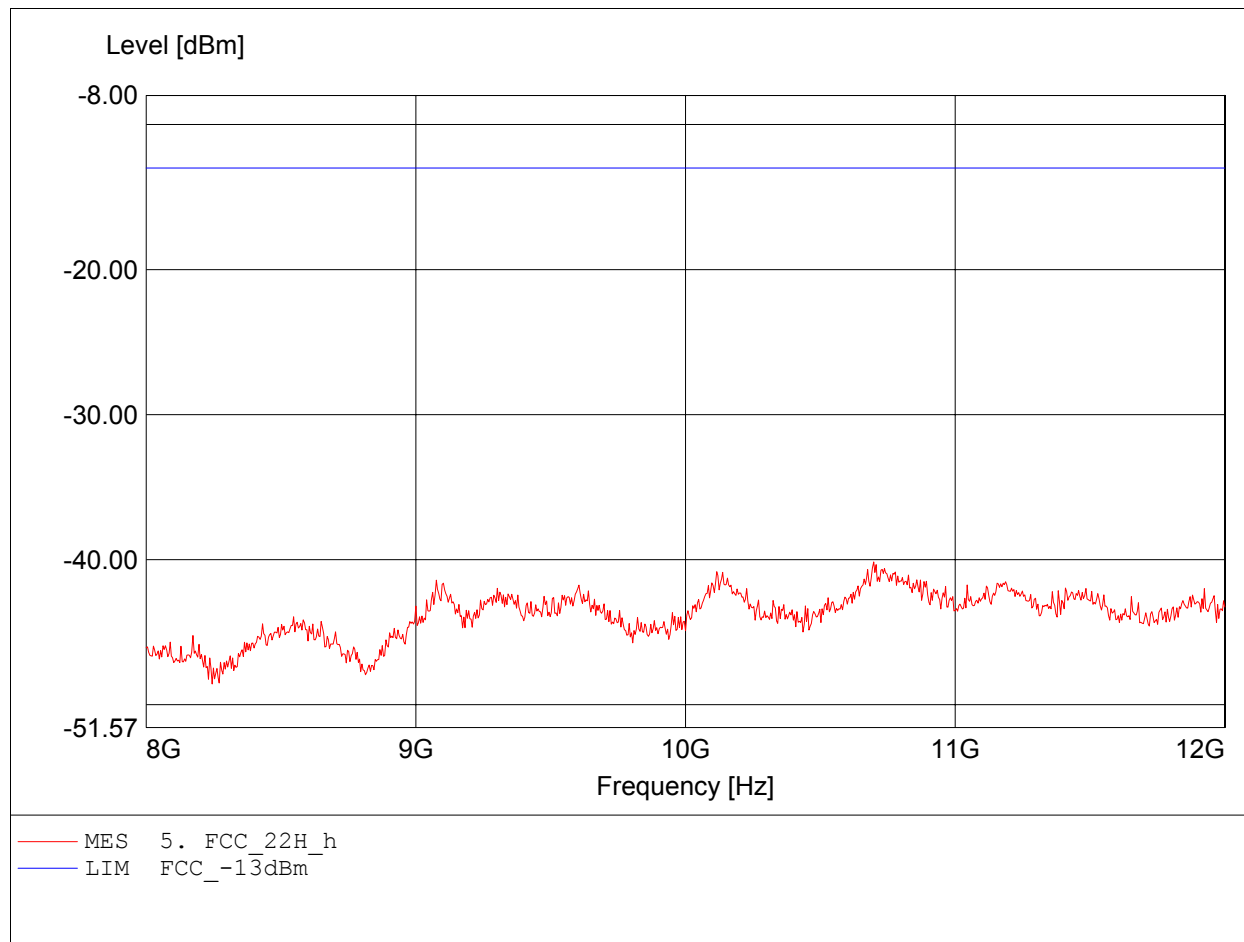
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.111GHz, Pmax: -40.39dBm, RBW: 1MHz



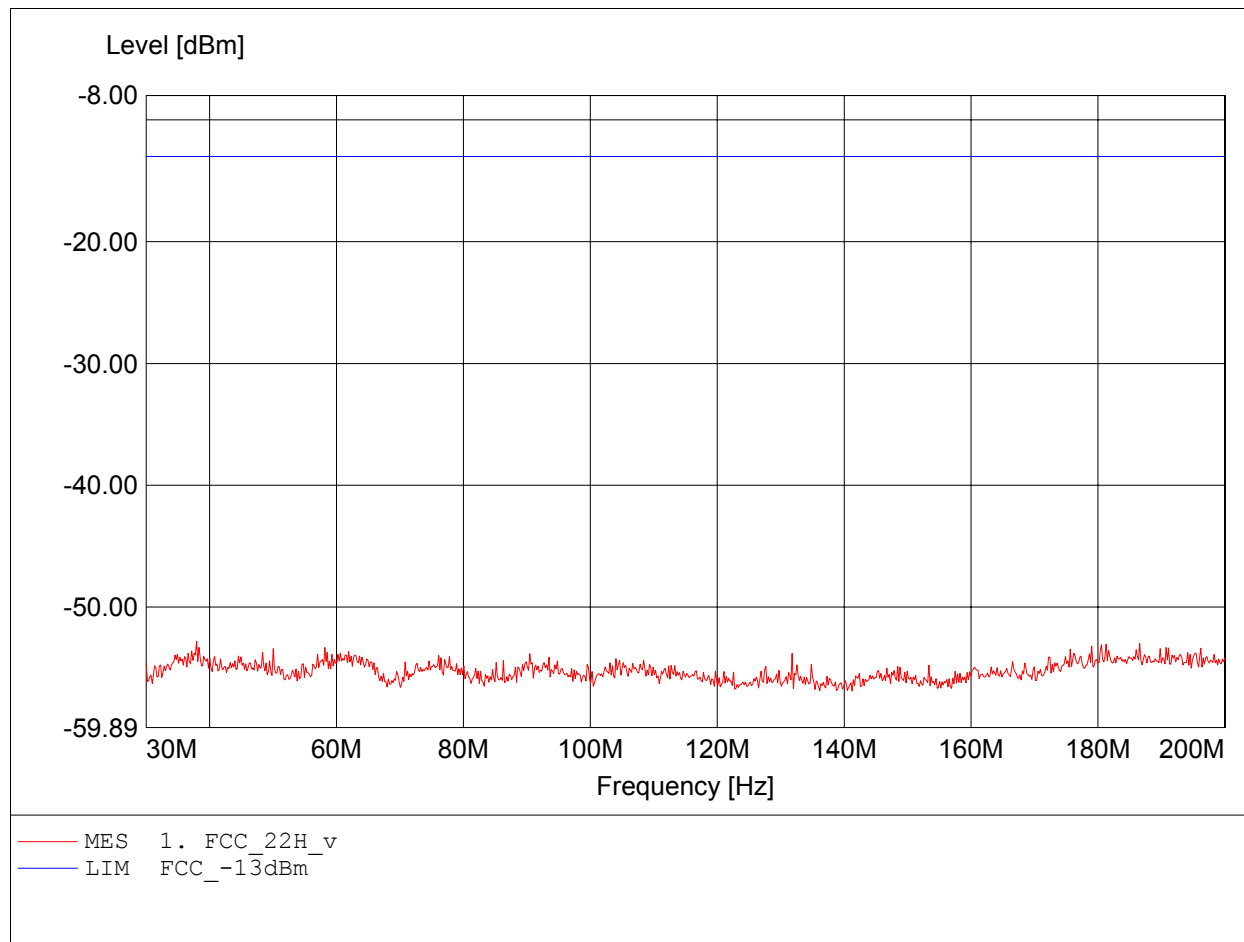
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 188
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.698GHz, Pmax: -40.15dBm, RBW: 1MHz



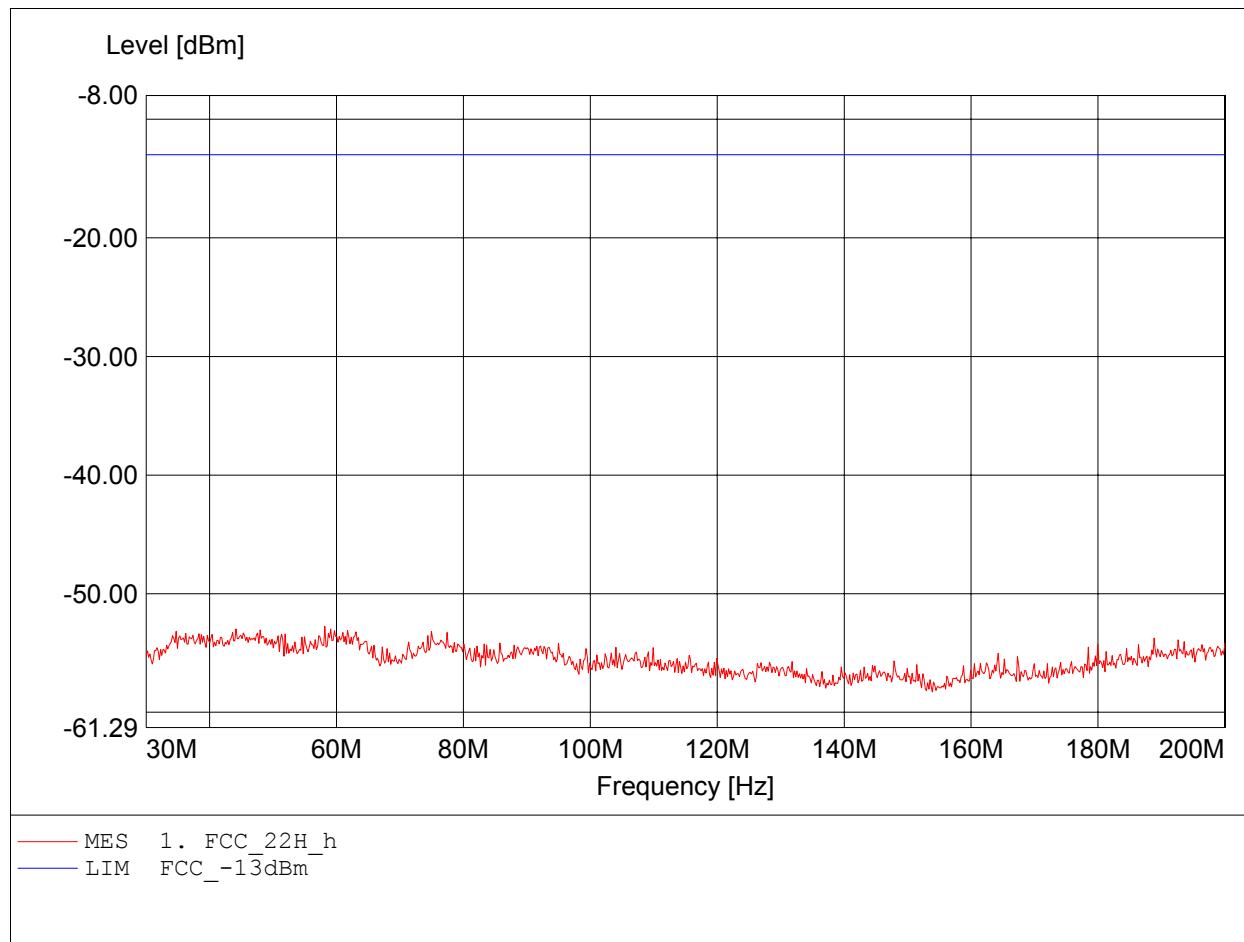
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 37.933MHz, Pmax: -52.81dBm, RBW: 1MHz



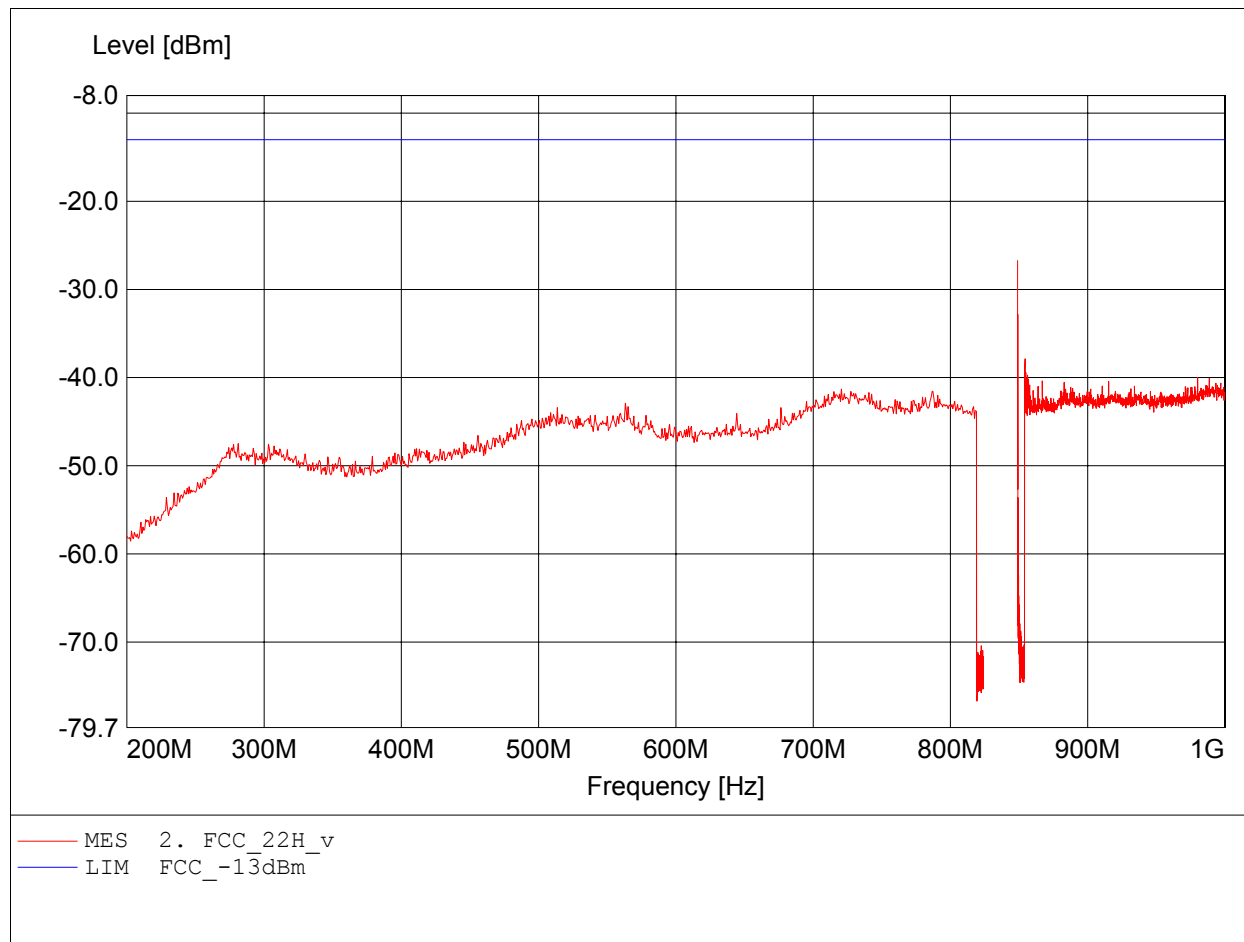
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 58.144MHz, Pmax: -52.76dBm, RBW: 1MHz



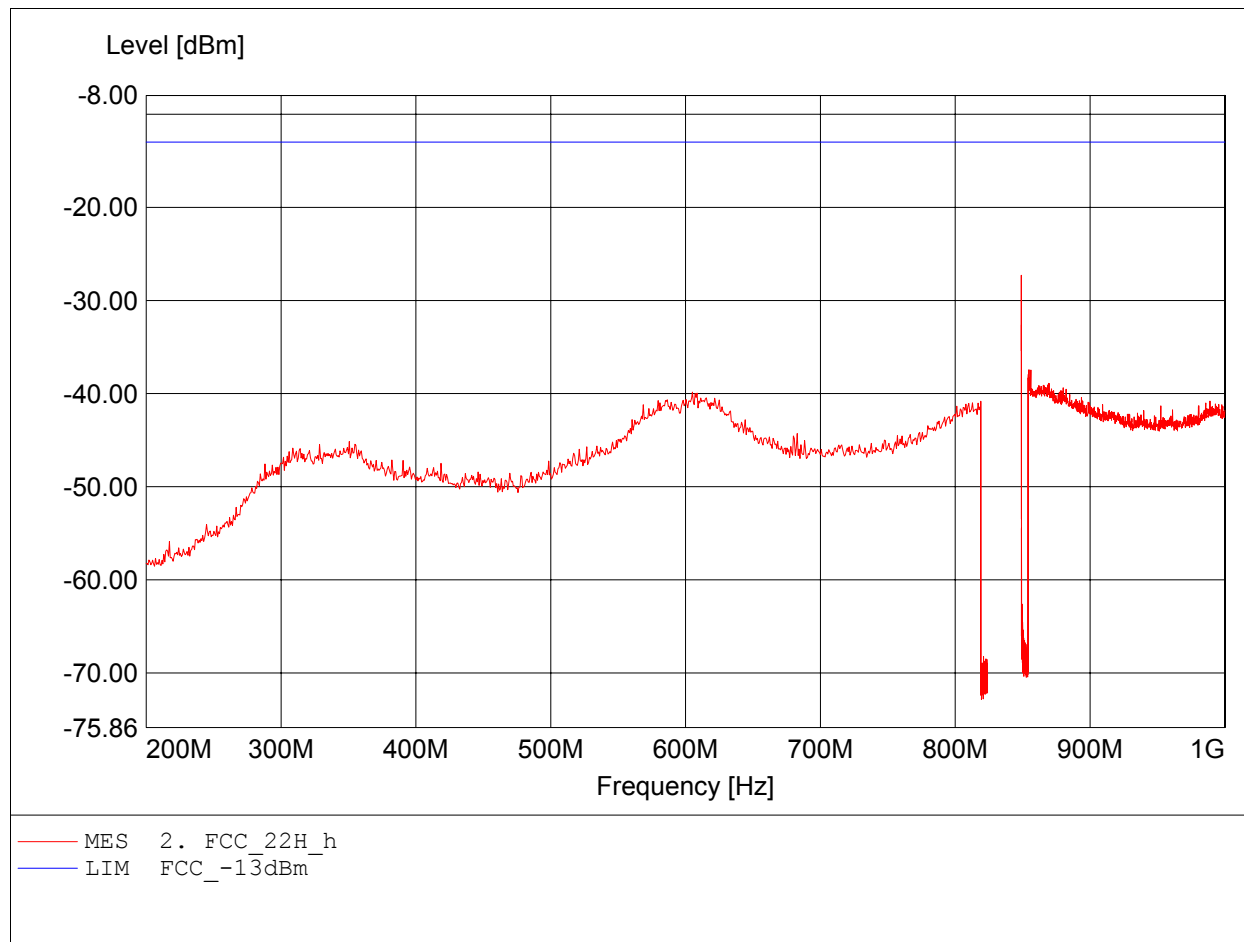
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.017MHz, Pmax: -26.72dBm, RBW: 1MHz



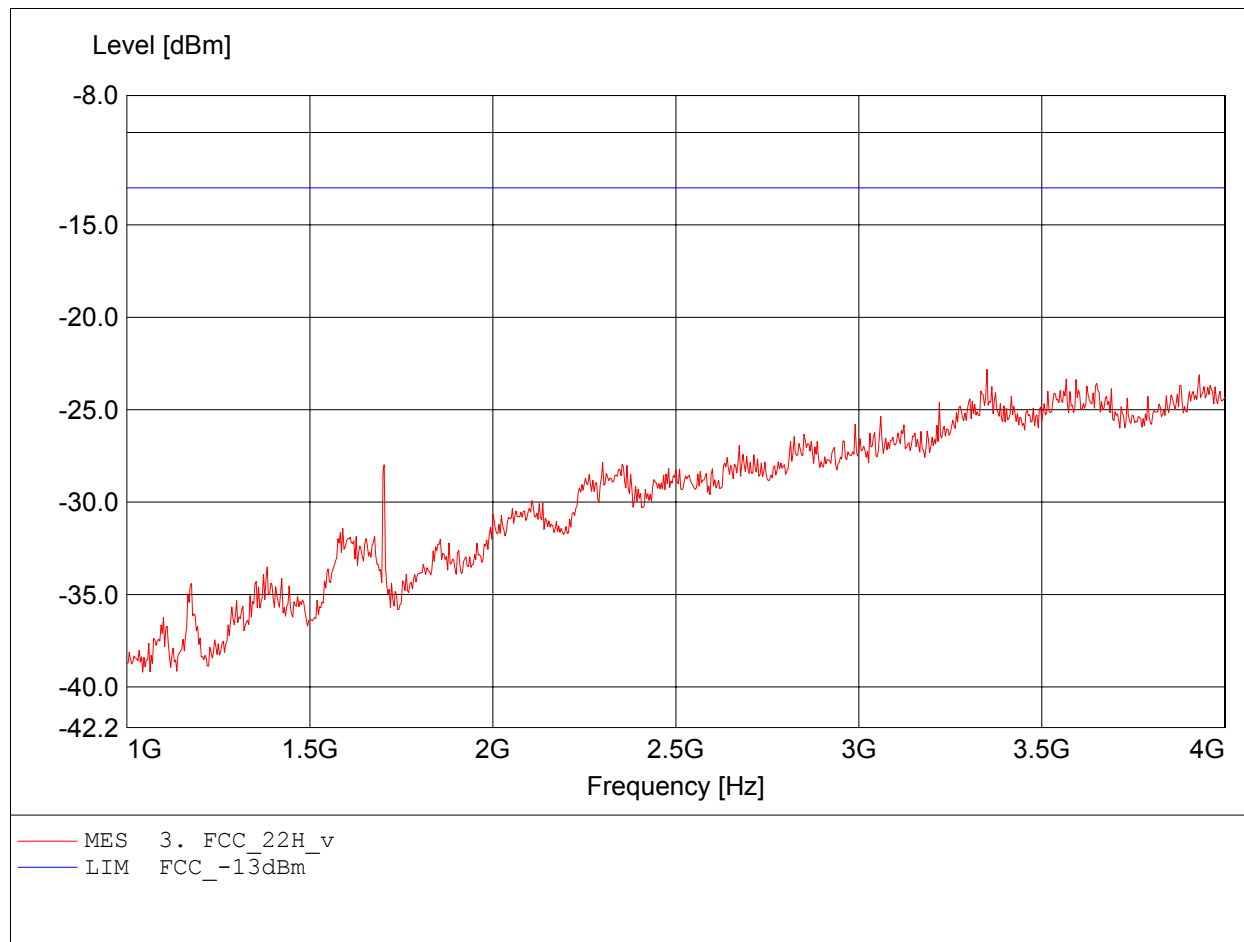
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.2 V DC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.017MHz, Pmax: -27.29dBm, RBW: 1MHz



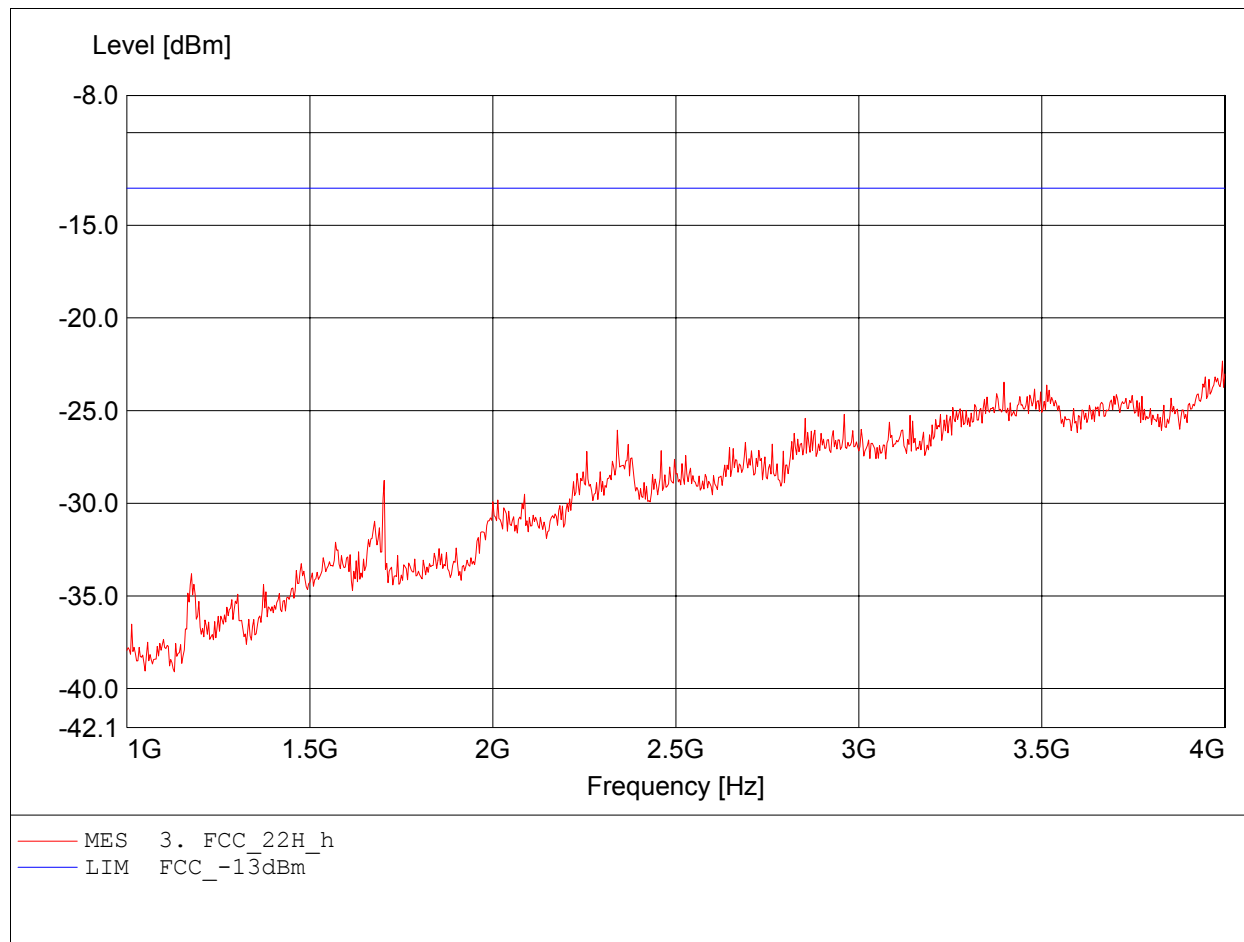
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.350GHz, Pmax: -22.82dBm, RBW: 1MHz



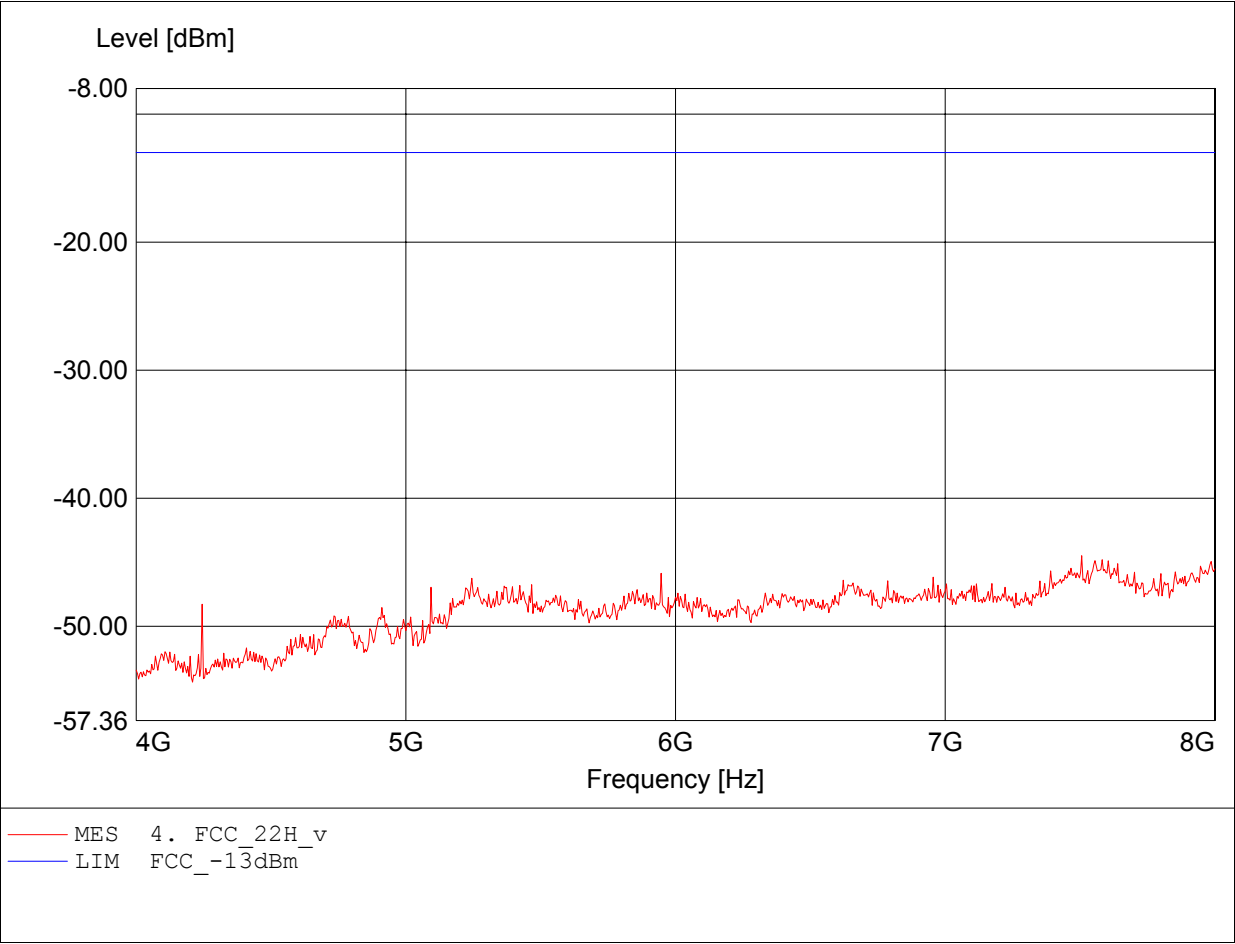
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.993GHz, Pmax: -22.32dBm, RBW: 1MHz



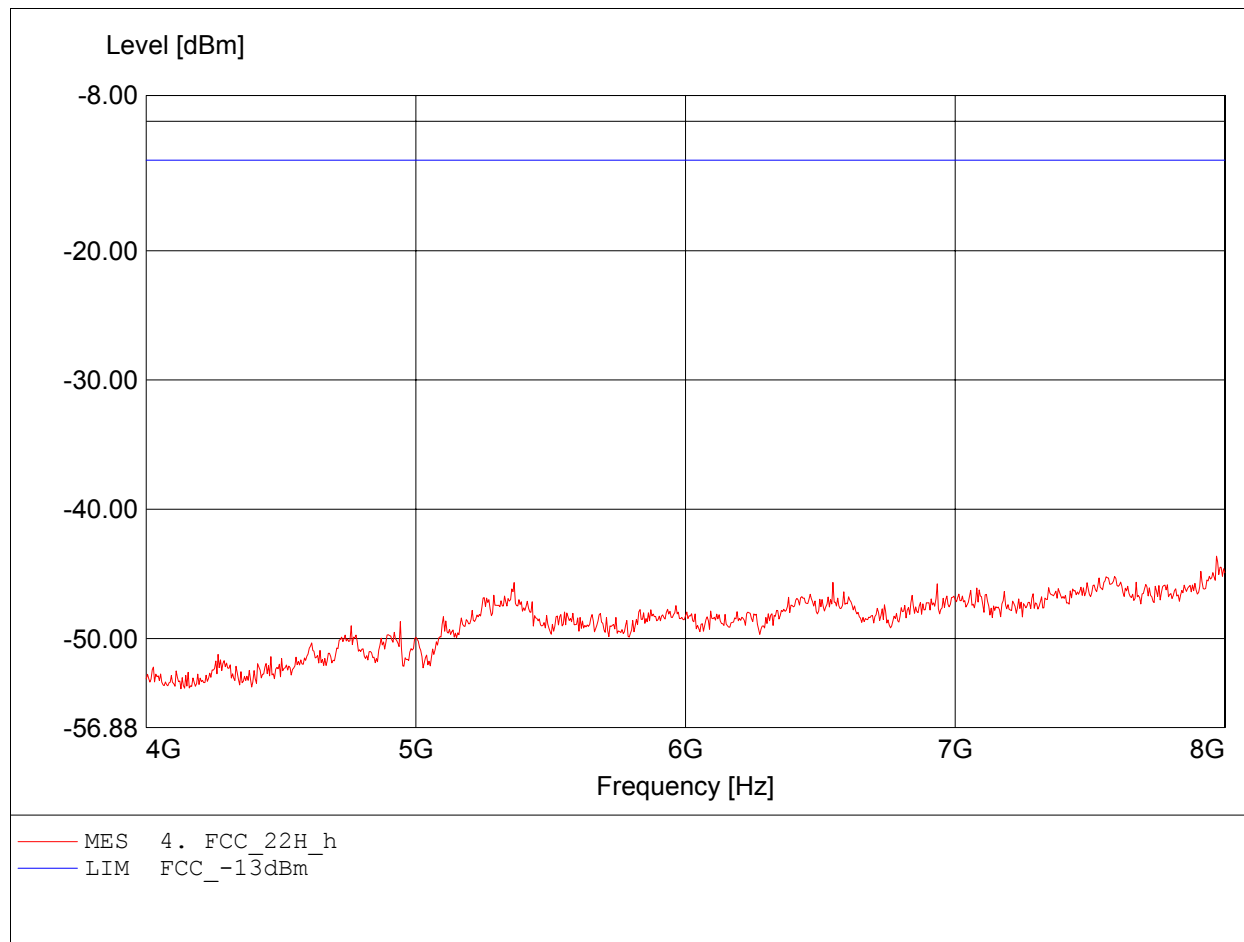
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.507GHz, Pmax: -44.49dBm, RBW: 1MHz



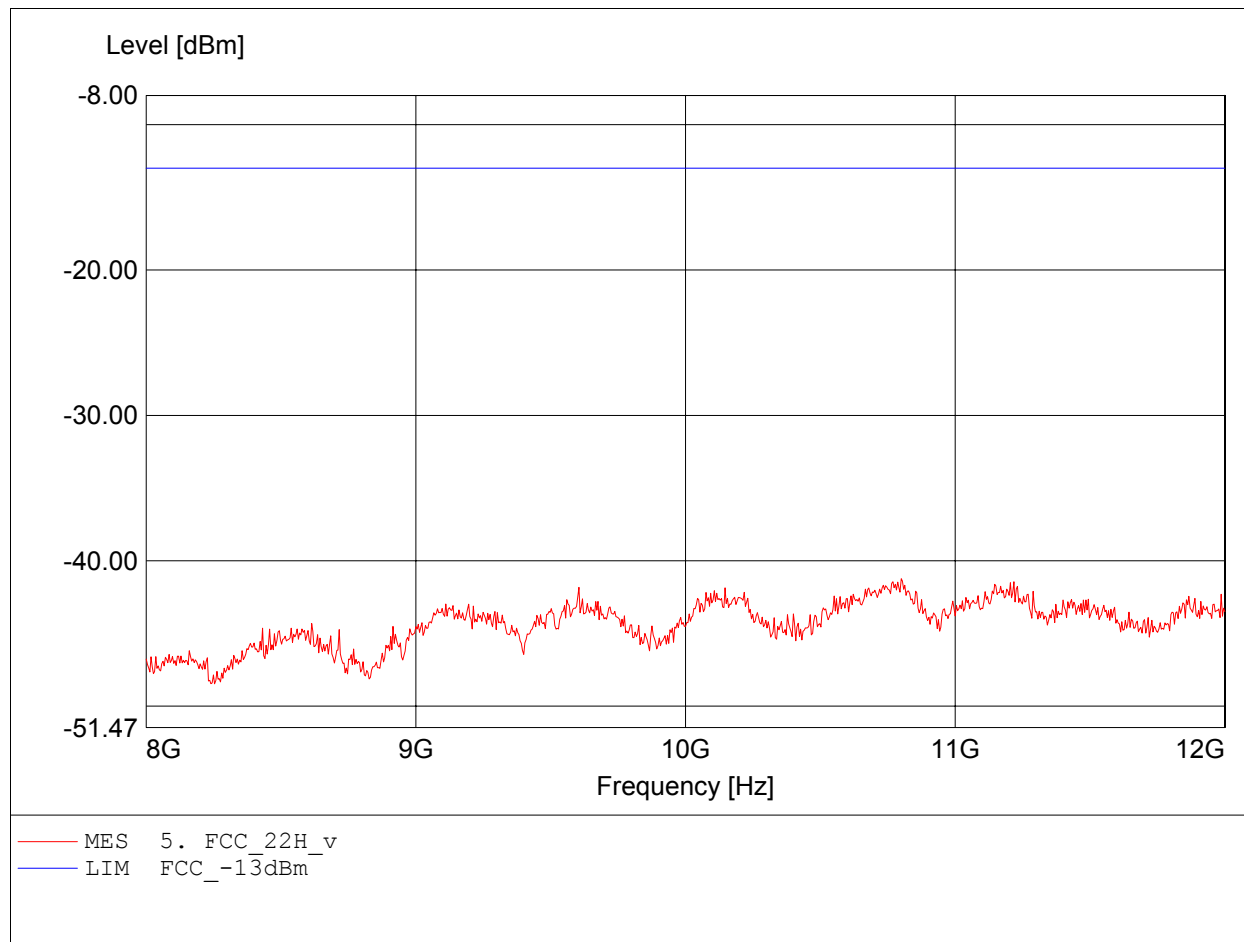
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.969GHz, Pmax: -43.61dBm, RBW: 1MHz



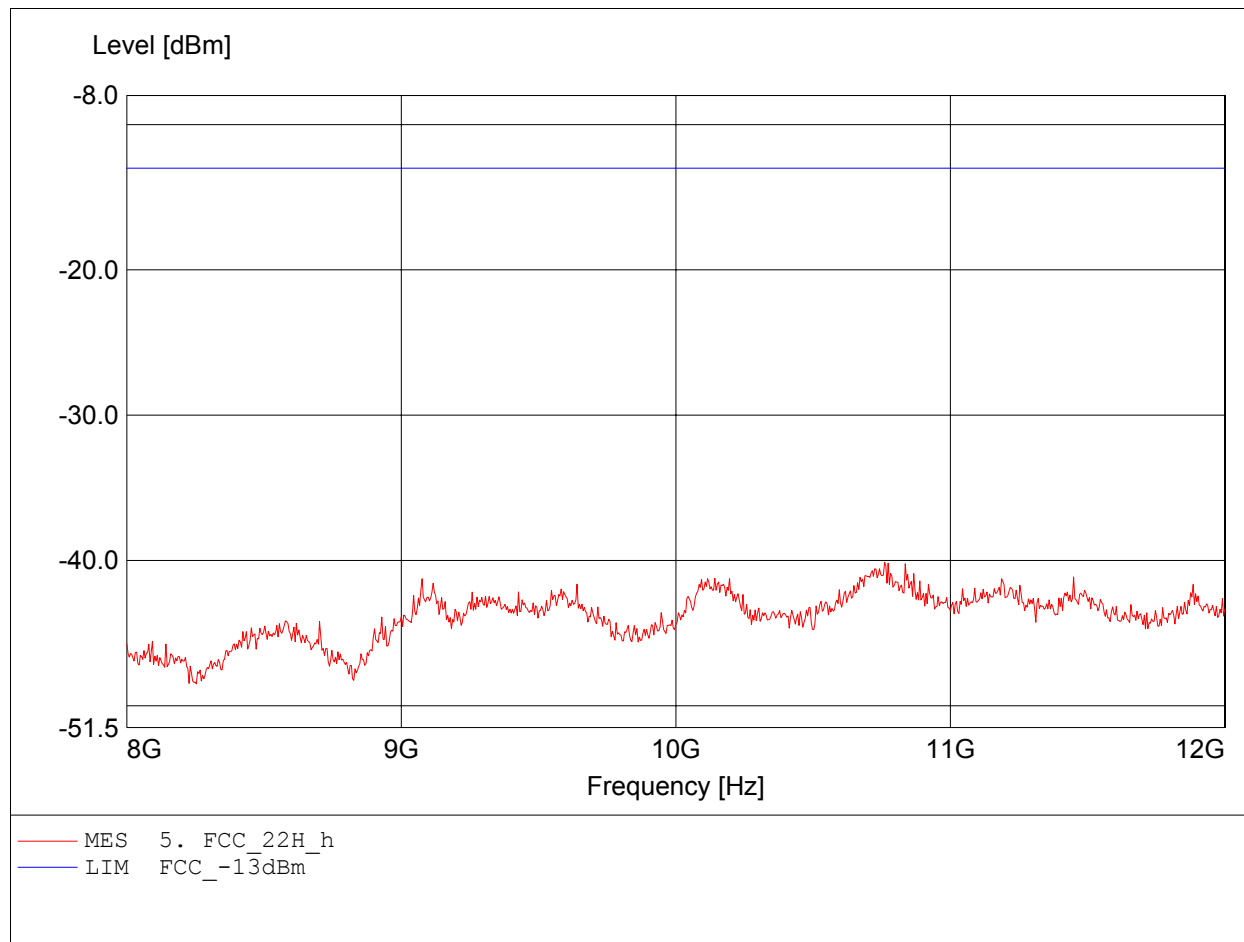
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.800GHz, Pmax: -41.24dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Applicant: Pantech Ltd.
EUT: Dual Band 850 (E-GSM) / PCS 1900 (with WAP & GPRS)
Model/Channel: PG-1410 / Ch.: 251
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC (battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.760GHz, Pmax: -40.13dBm, RBW: 1MHz

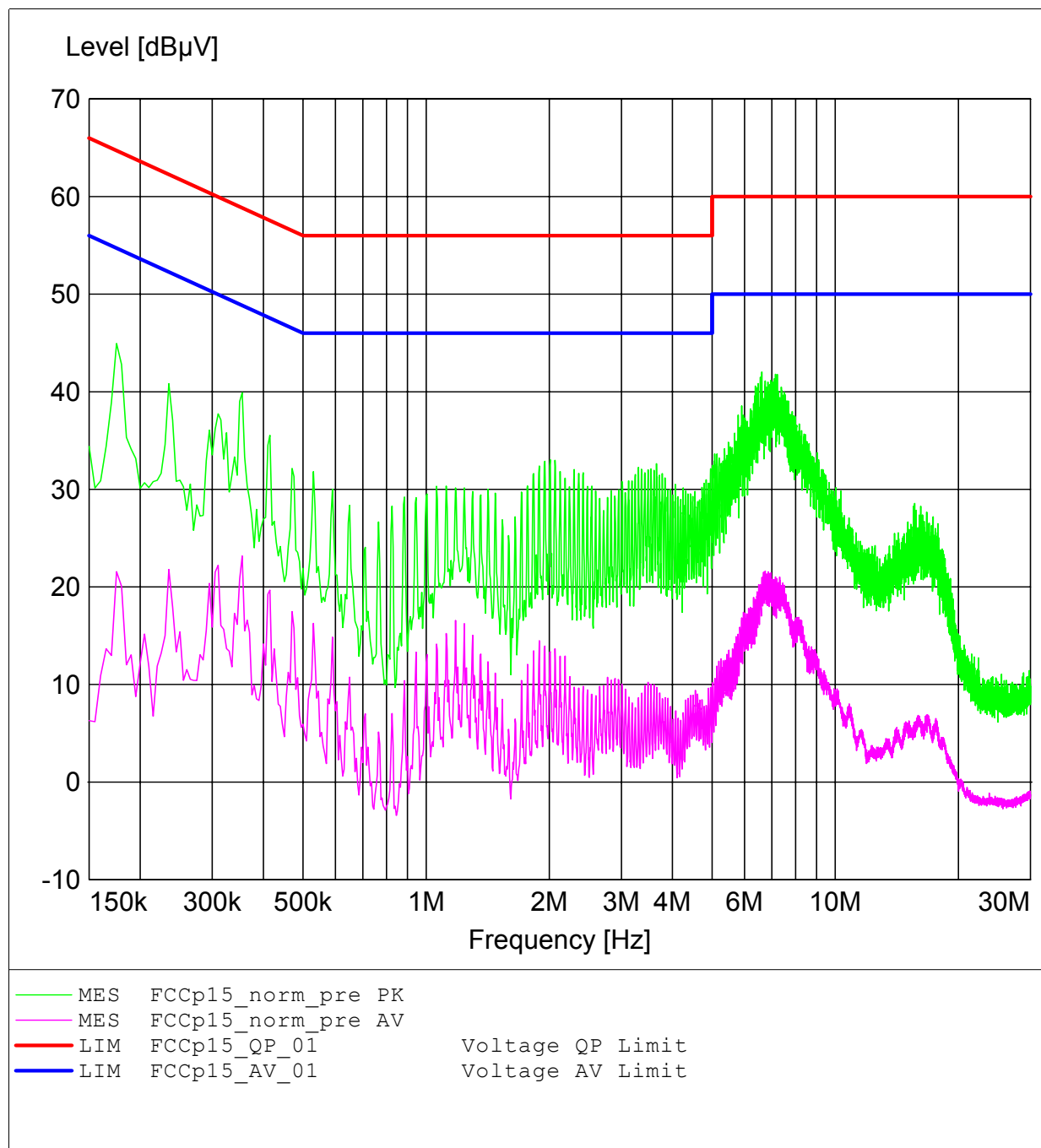


Appendix J

Line Conducted Emissions

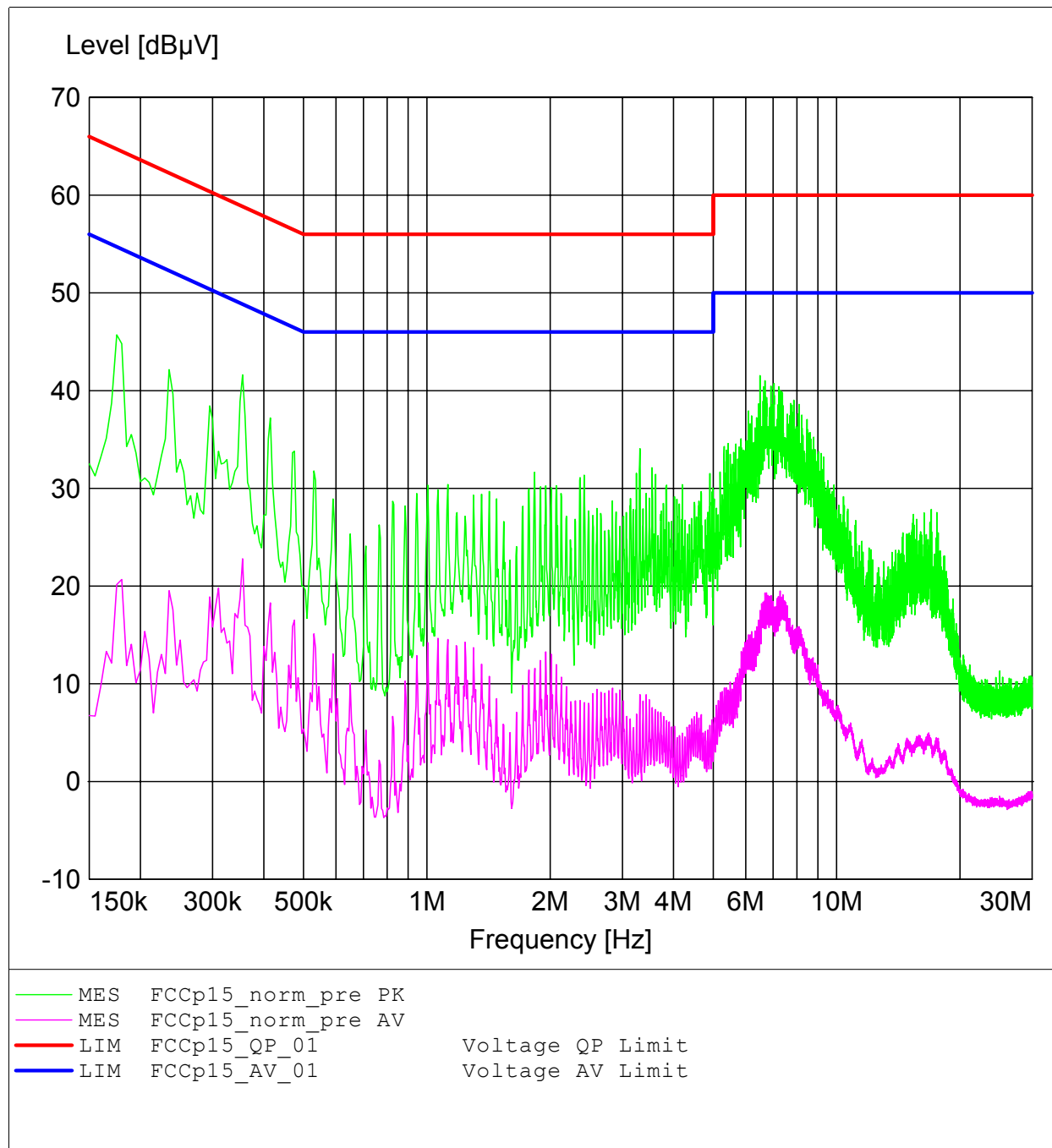
EMI voltage test in the ac-mains according to FCC part 15

EUT: DUAL BAND GSM850 (E-GSM)/PCS1900 (WITH WAP & GPRS)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-1410 mode: LINK AND CHARGING
ADAPTOR: 5265C2-EU



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

EUT: DUAL BAND GSM850 (E-GSM)/PCS1900 (WITH WAP & GPRS)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-1410 mode: LINK AND CHARGING
ADAPTOR: 5265C2-EU



Appendix K

Frequency Stability vs. Temperature

No diagrams
Refer to point 13.2

Appendix L

Frequency Stability vs. Voltage

No diagrams
Refer to point 14.2