

Annex B

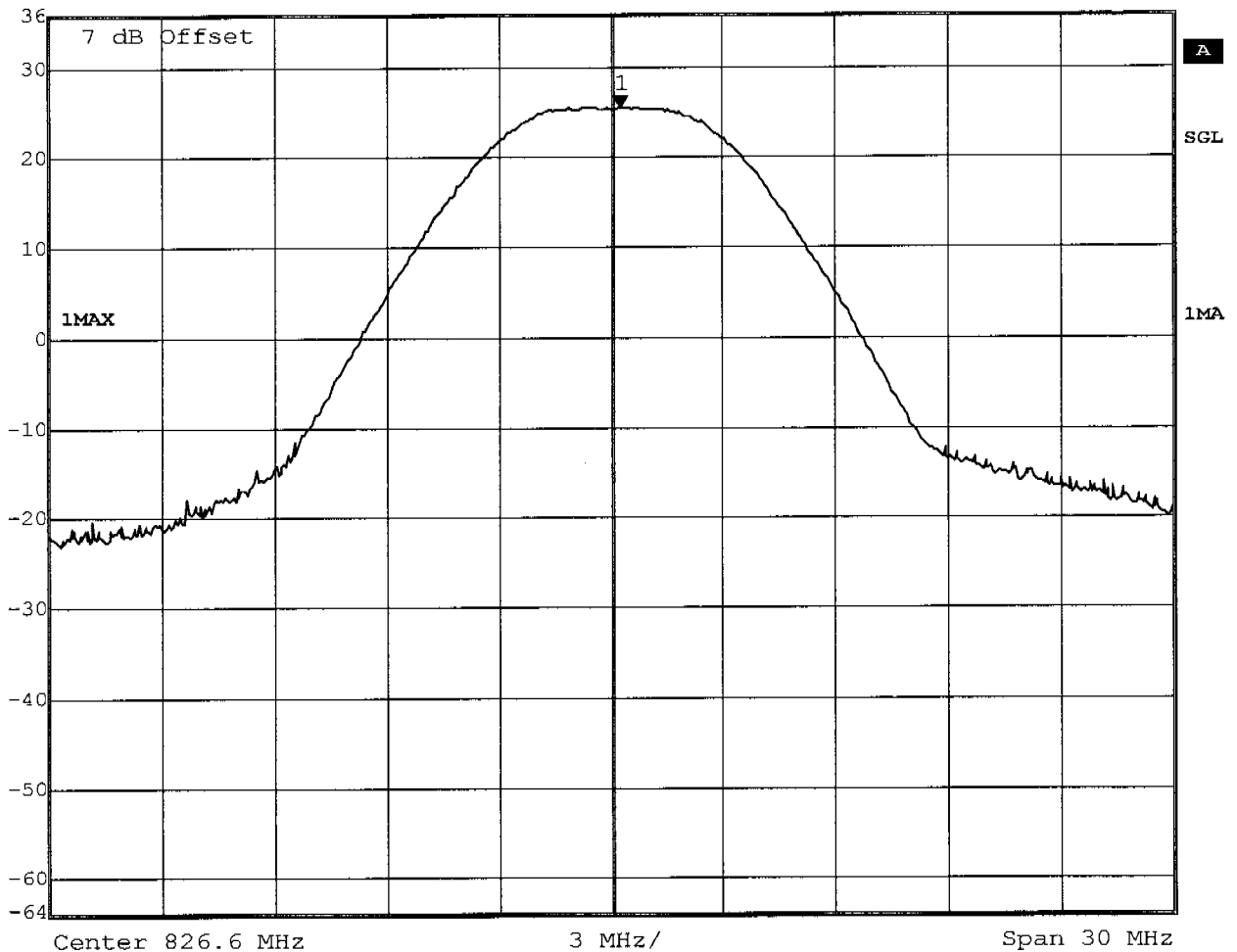
RF power output conducted

**FCC Part 22 H
Output power conducted**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4133
Comment 2	
Comment 3	



	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	25.47 dBm	VBW	3 MHz		
36 dBm	826.87054108 MHz	SWT	5 ms	Unit	dBm



Date: 18.APR.2008 13:06:27

Measurement diagram

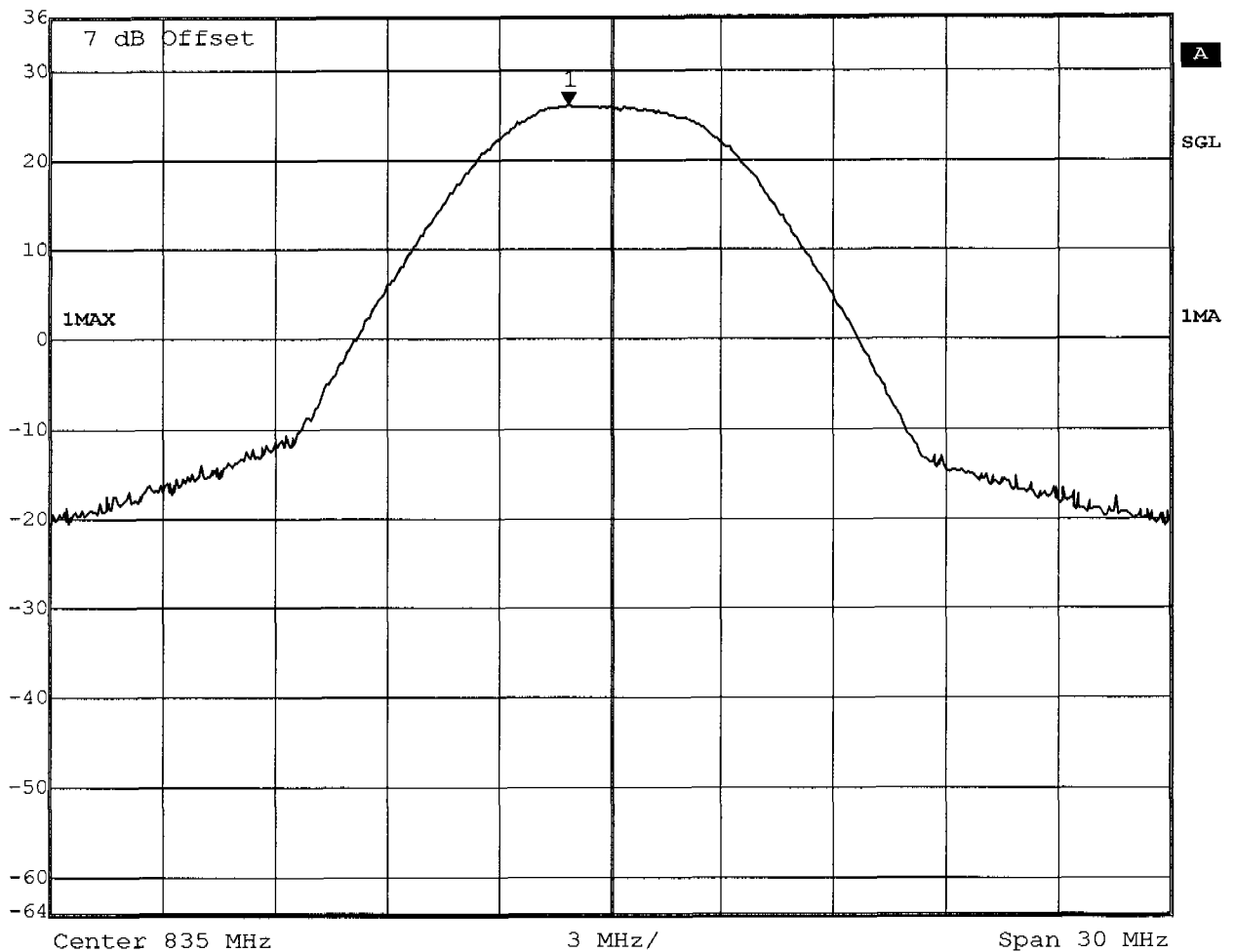
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Output power conducted**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4175
Comment 2	
Comment 3	



Ref Lvl	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
36 dBm	26.00 dBm	VBW	3 MHz	Unit	dBm
	833.88777555 MHz	SWT	5 ms		



Date: 18.APR.2008 13:05:35

Measurement diagram

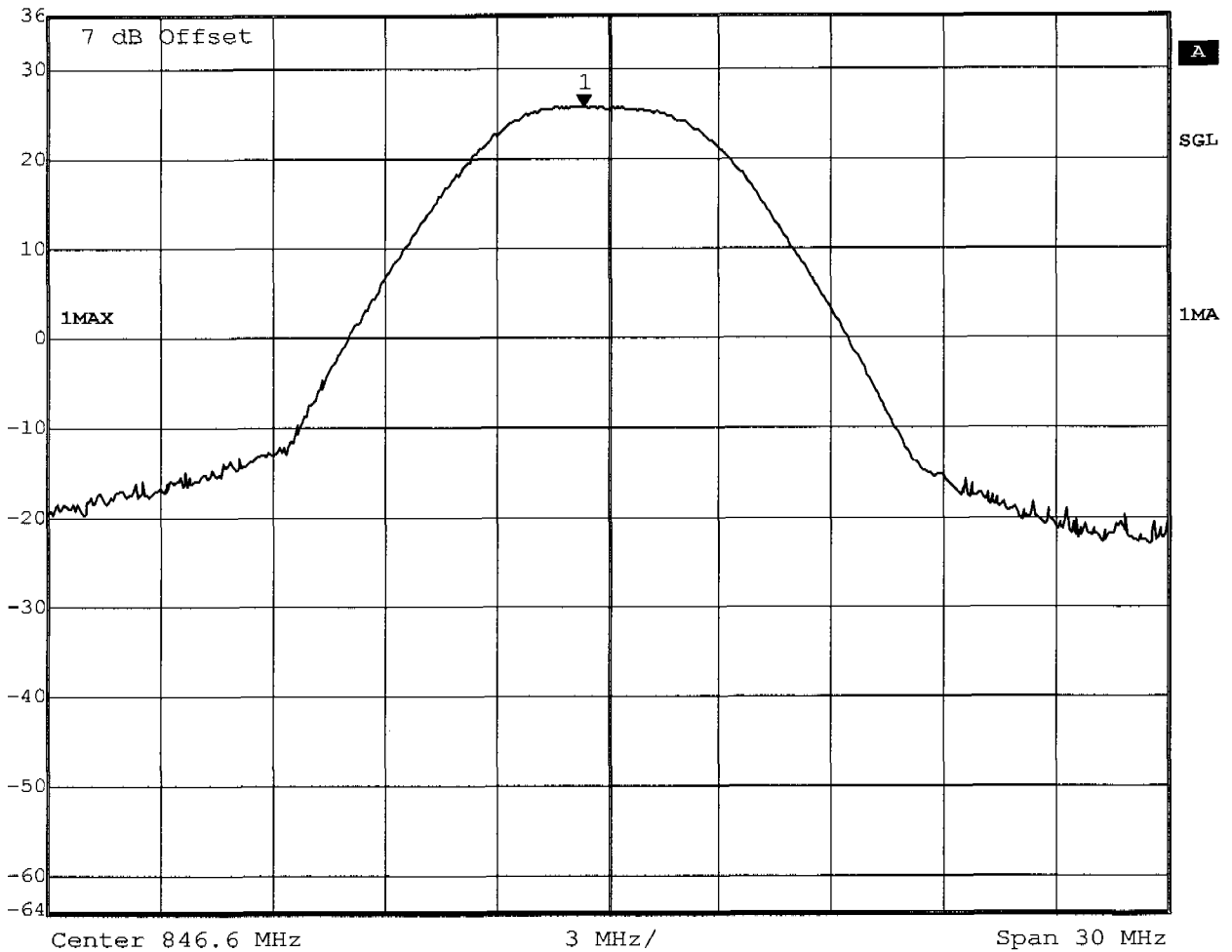
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Output power conducted**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4232
Comment 2	
Comment 3	



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	25.71 dBm	VBW	3 MHz	
36 dBm	845.96873747 MHz	SWT	5 ms	Unit dBm



Date: 18.APR.2008 13:05:05

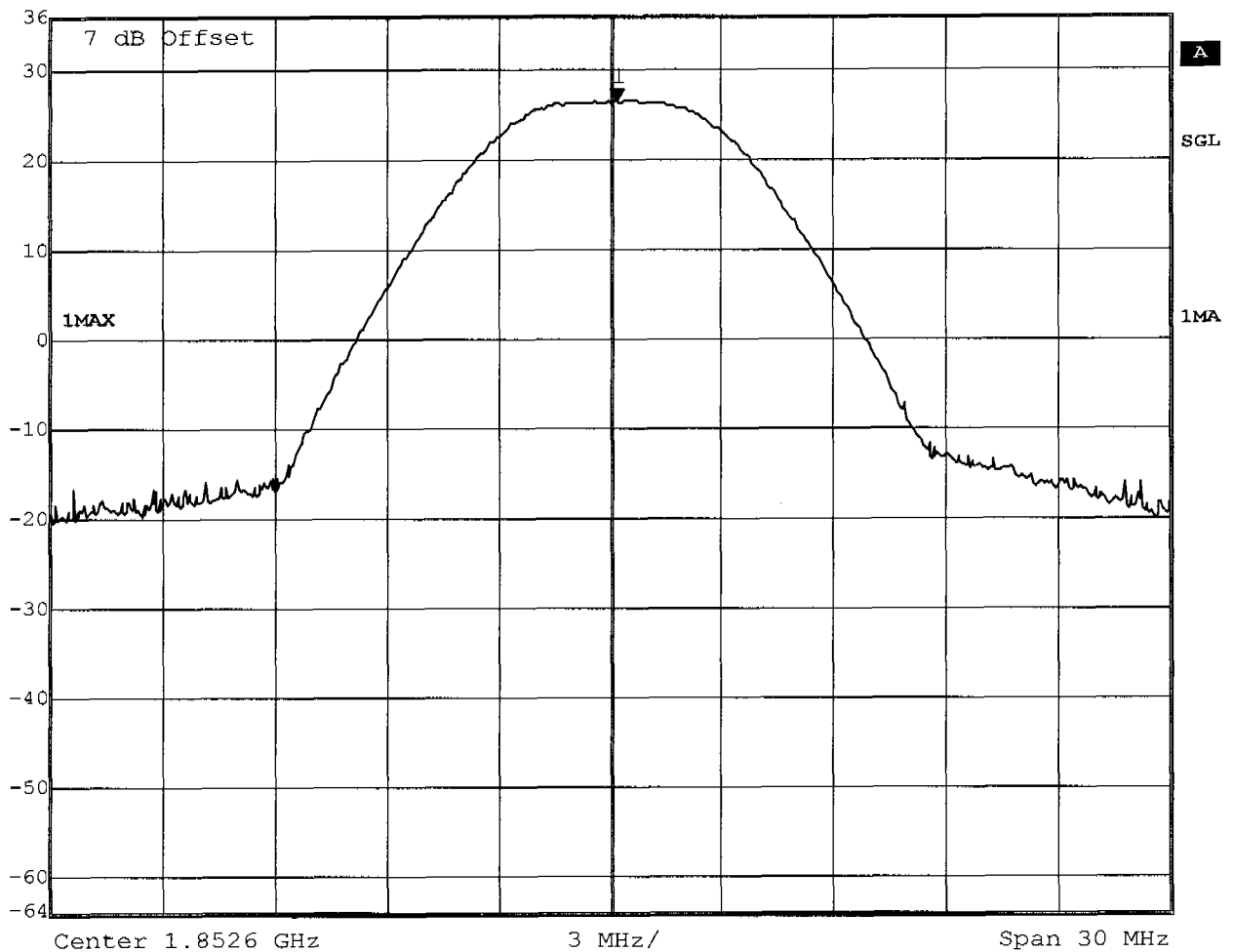
Measurement diagram

**FCC Part 24 E
Output power**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9263
Comment 2	
Comment 3	



Ref Lvl	36 dBm	Marker 1 [T1]	26.41 dBm	RBW	3 MHz	RF Att	50 dB
			1.85281042 GHz	VBW	3 MHz	Unit	dBm
				SWT	5 ms		



Date: 18.APR.2008 12:33:28

Measurement diagram

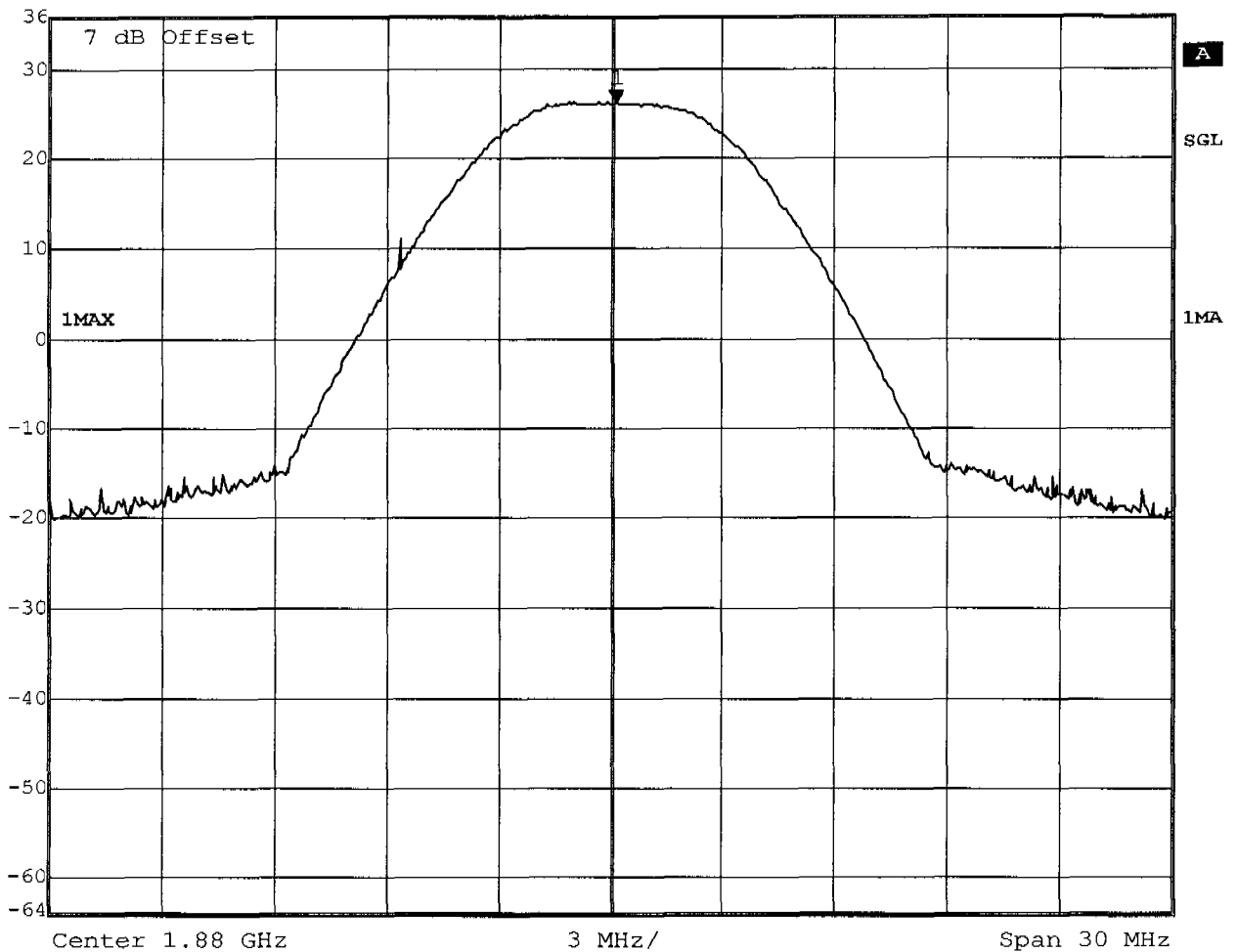
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

FCC Part 24 E
Output power

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9400
Comment 2	
Comment 3	



	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	26.06 dBm	VBW	3 MHz		
36 dBm	1.88015030 GHz	SWT	5 ms	Unit	dBm

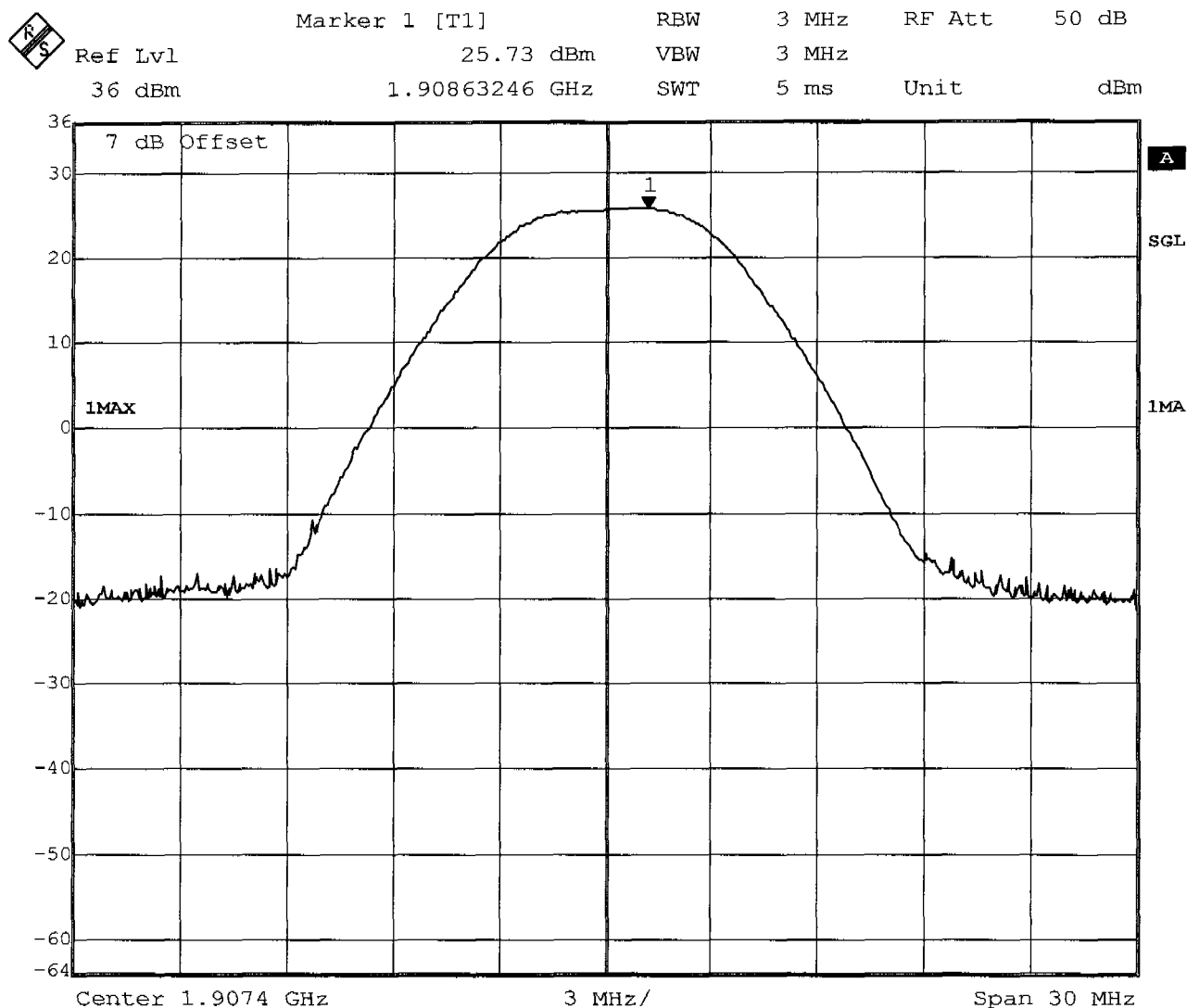


Date: 18.APR.2008 12:32:45

Measurement diagram

**FCC Part 24 E
Output power**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9537
Comment 2	
Comment 3	



Date: 18.APR.2008 12:31:51

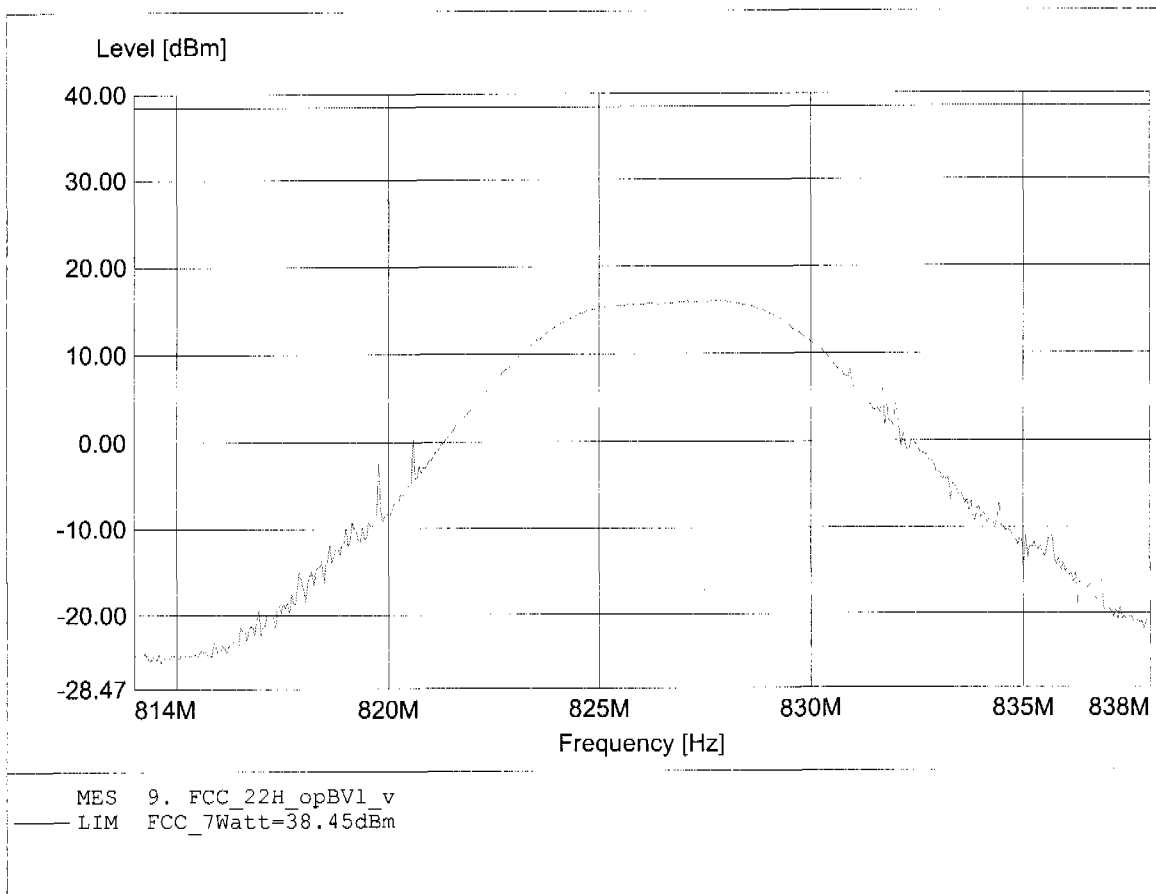
Measurement diagram

Annex C

RF power output radiated

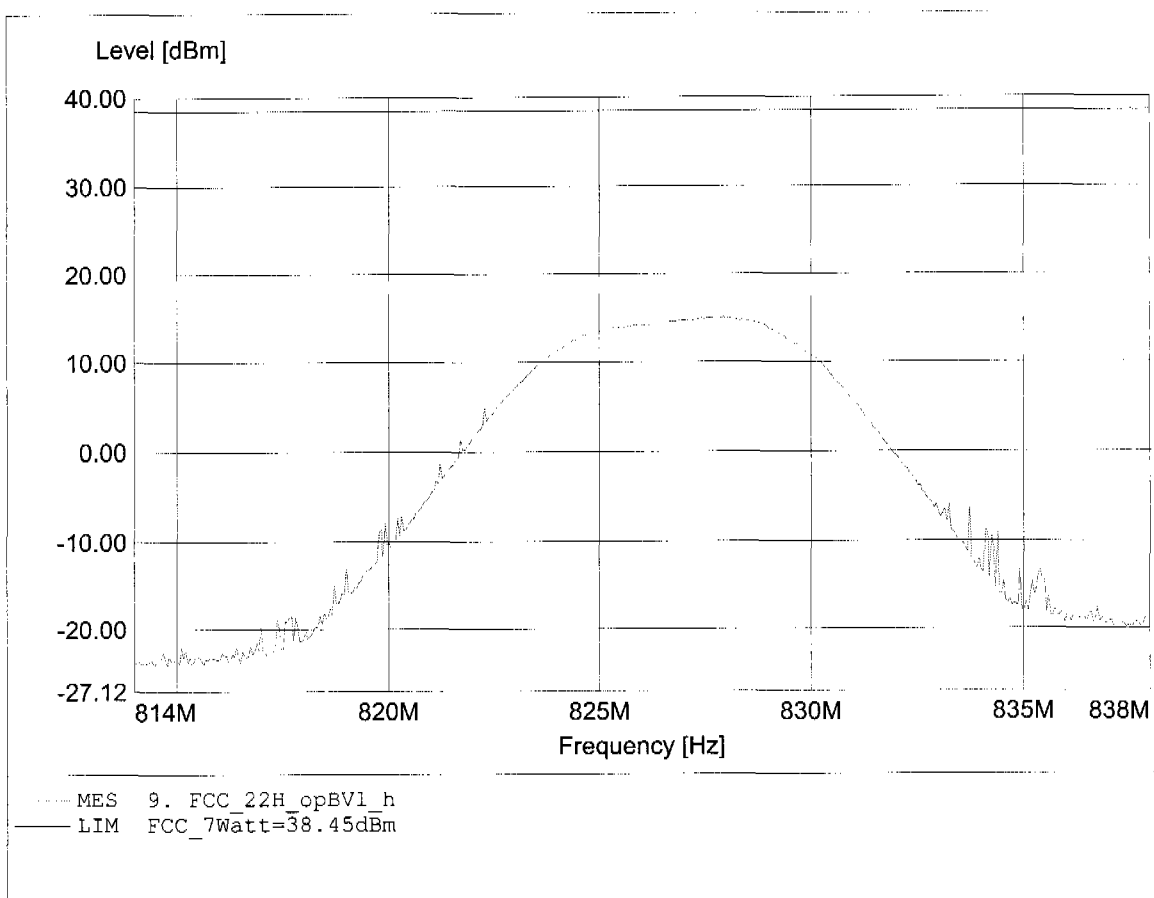
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 827.756MHz, Pmax: 16.07dBm, RBW: 3MHz



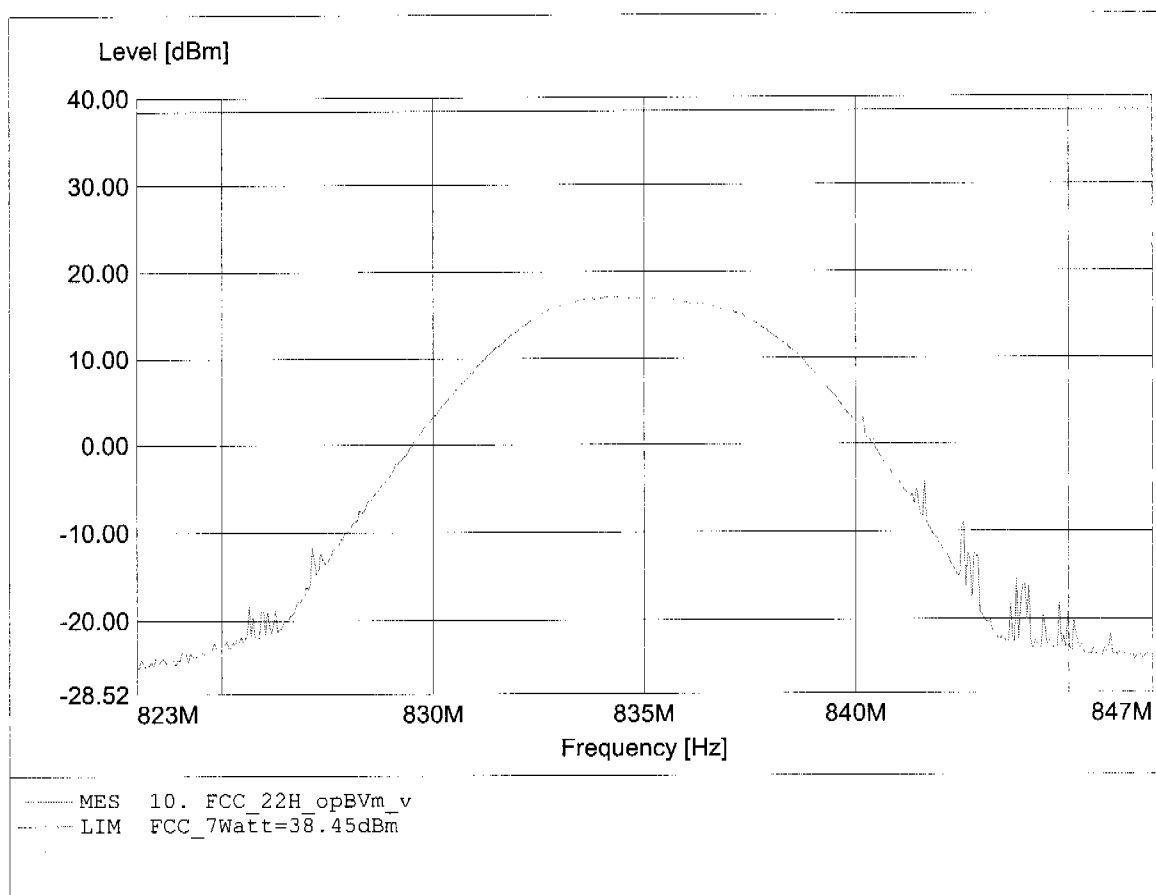
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 827.948MHz, Pmax: 15.08dBm, RBW: 3MHz



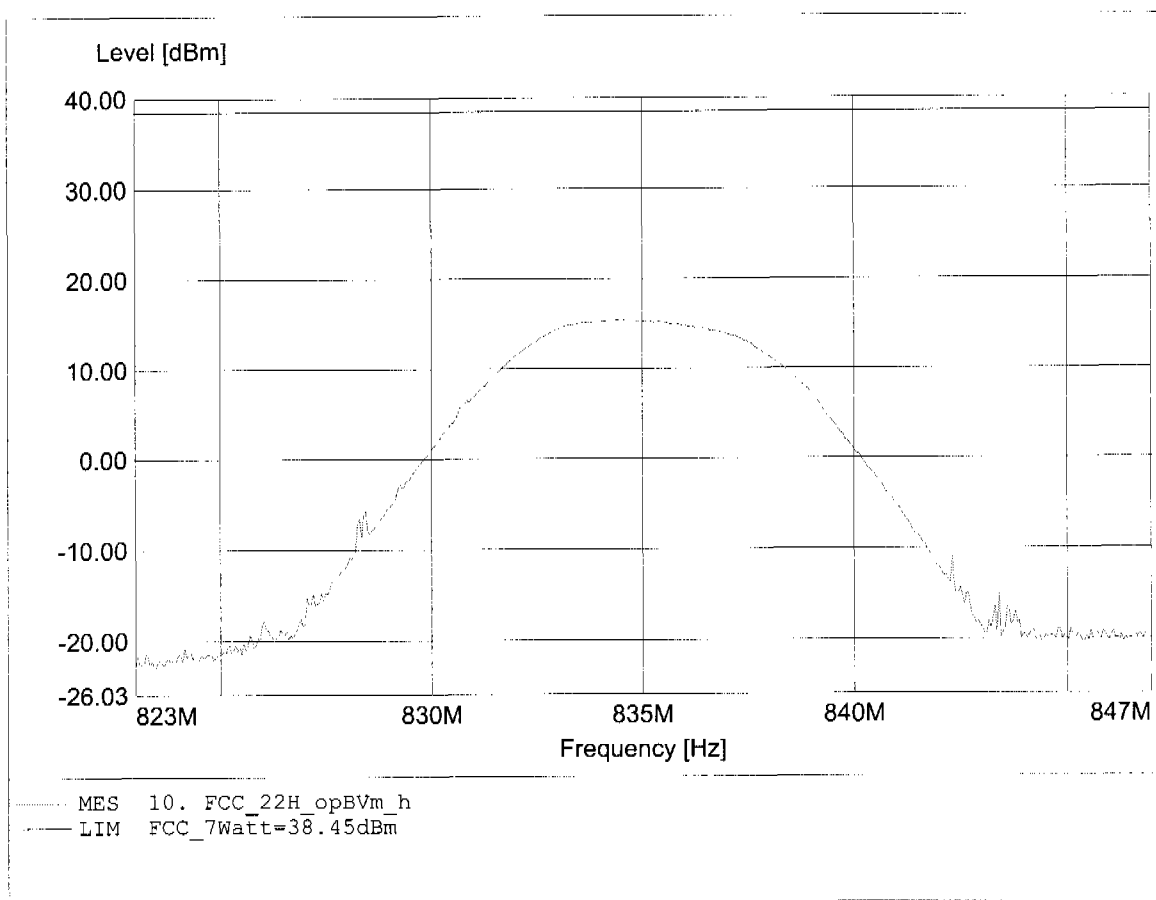
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 834.735MHz, Pmax: 17.14dBm, RBW: 3MHz



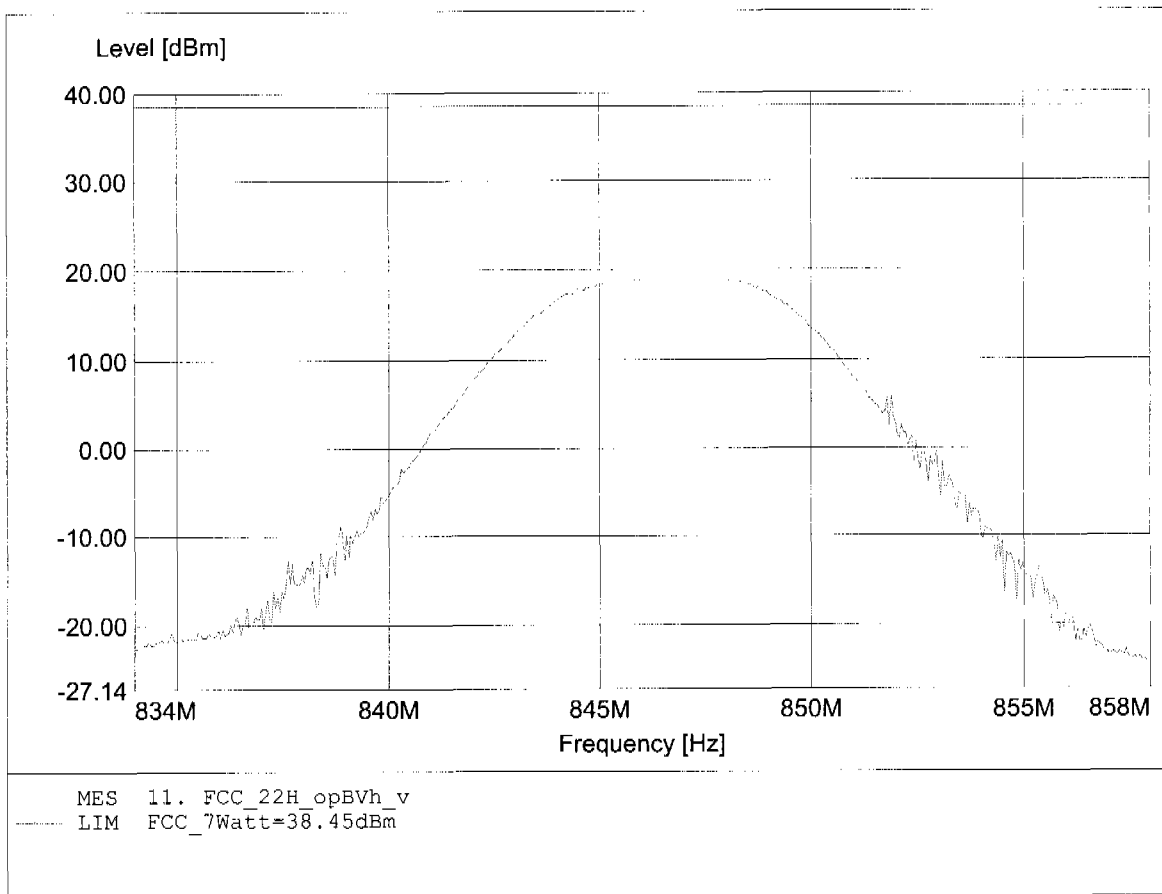
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 834.639MHz, Pmax: 15.52dBm, RBW: 3MHz



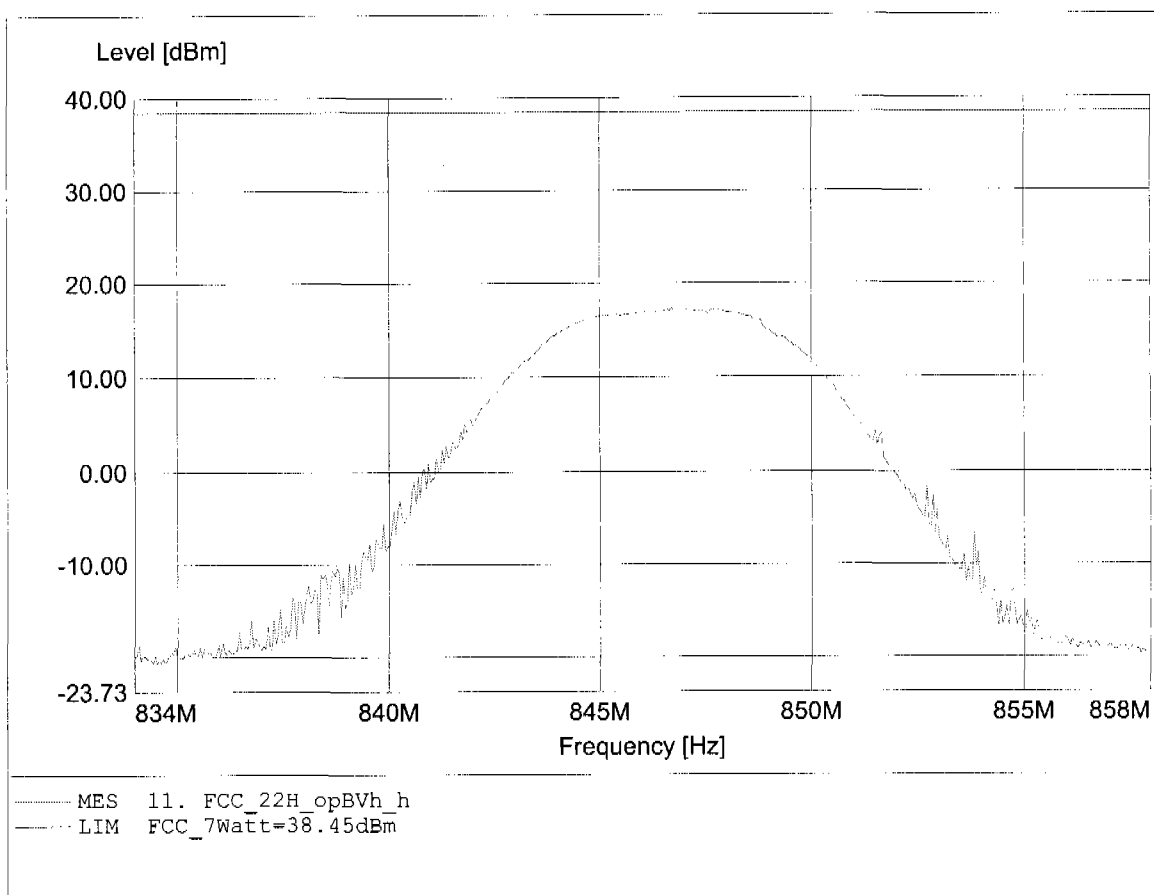
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 847.371MHz, Pmax: 19.44dBm, RBW: 3MHz



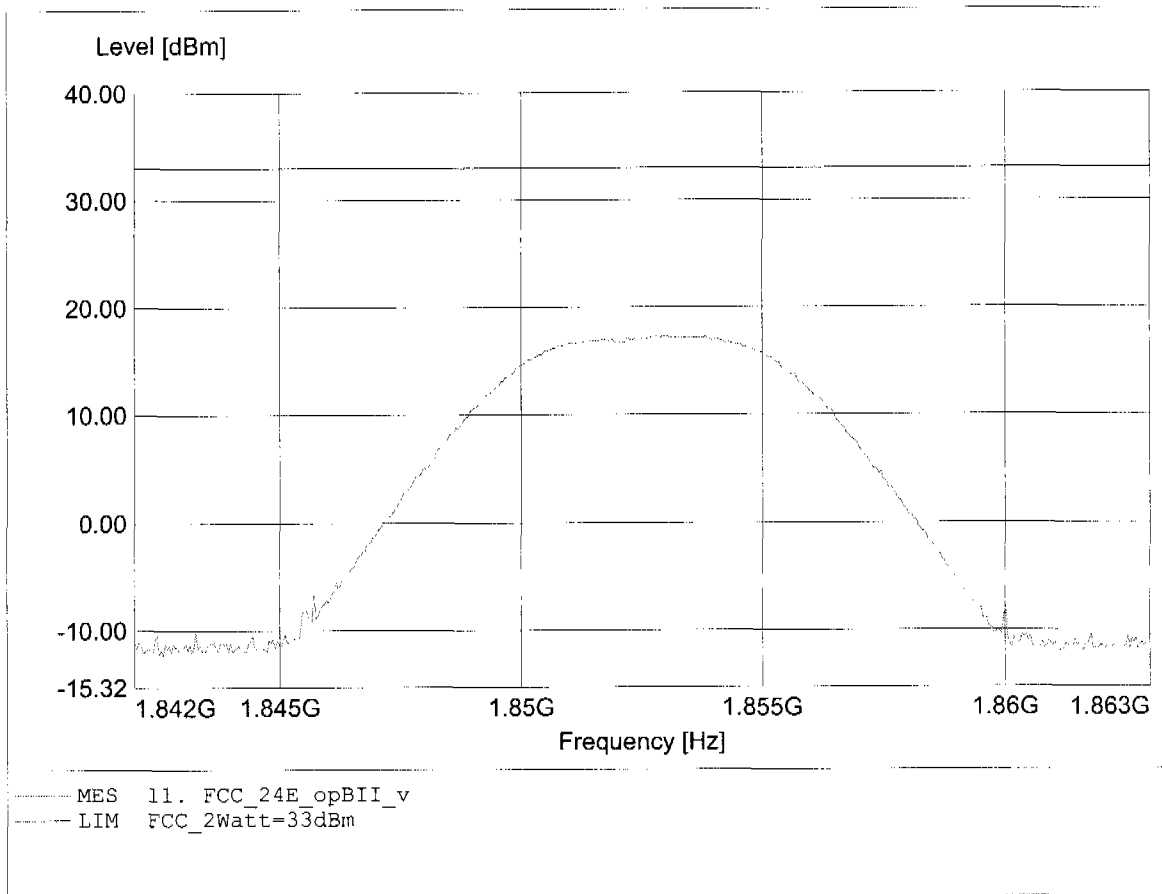
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 846.697MHz, Pmax: 17.27dBm, RBW: 3MHz



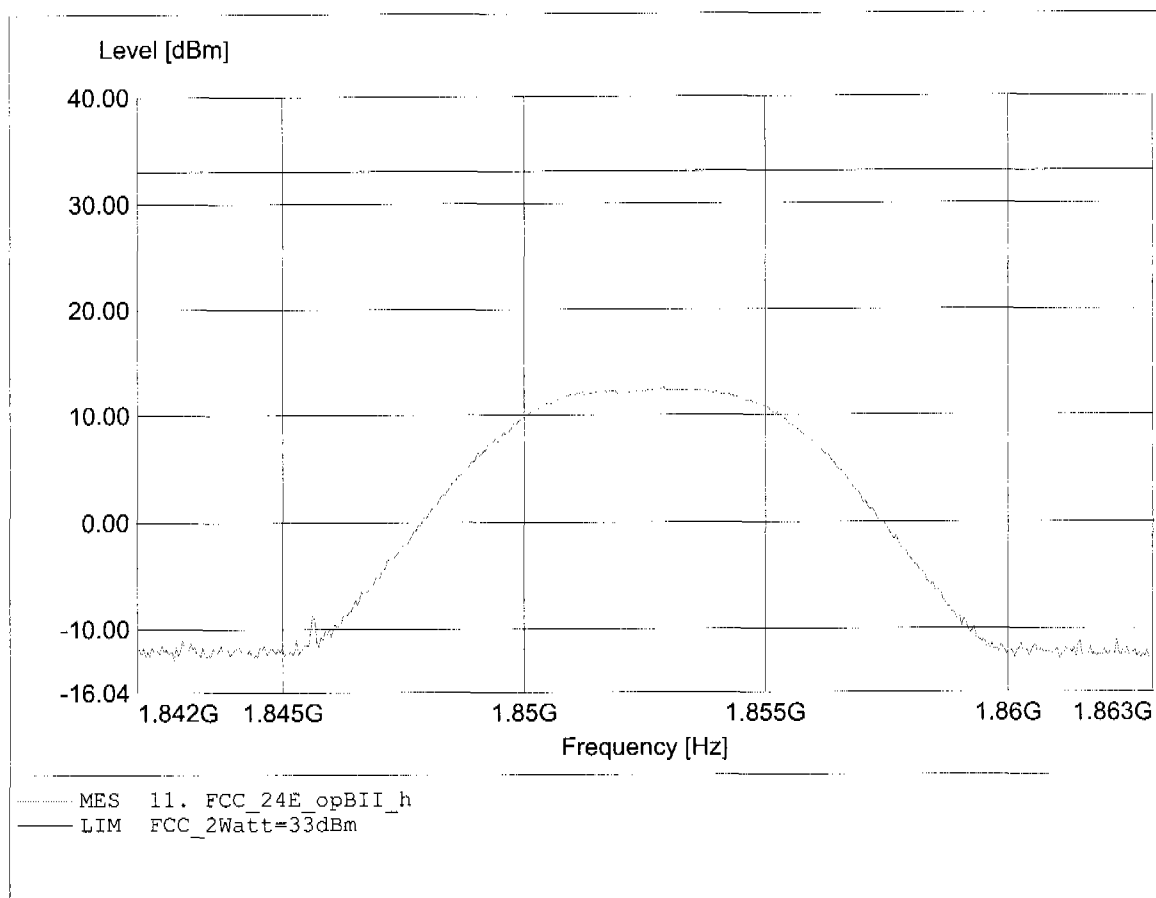
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.853GHz, Pmax: 17.36dBm, RBW: 3MHz



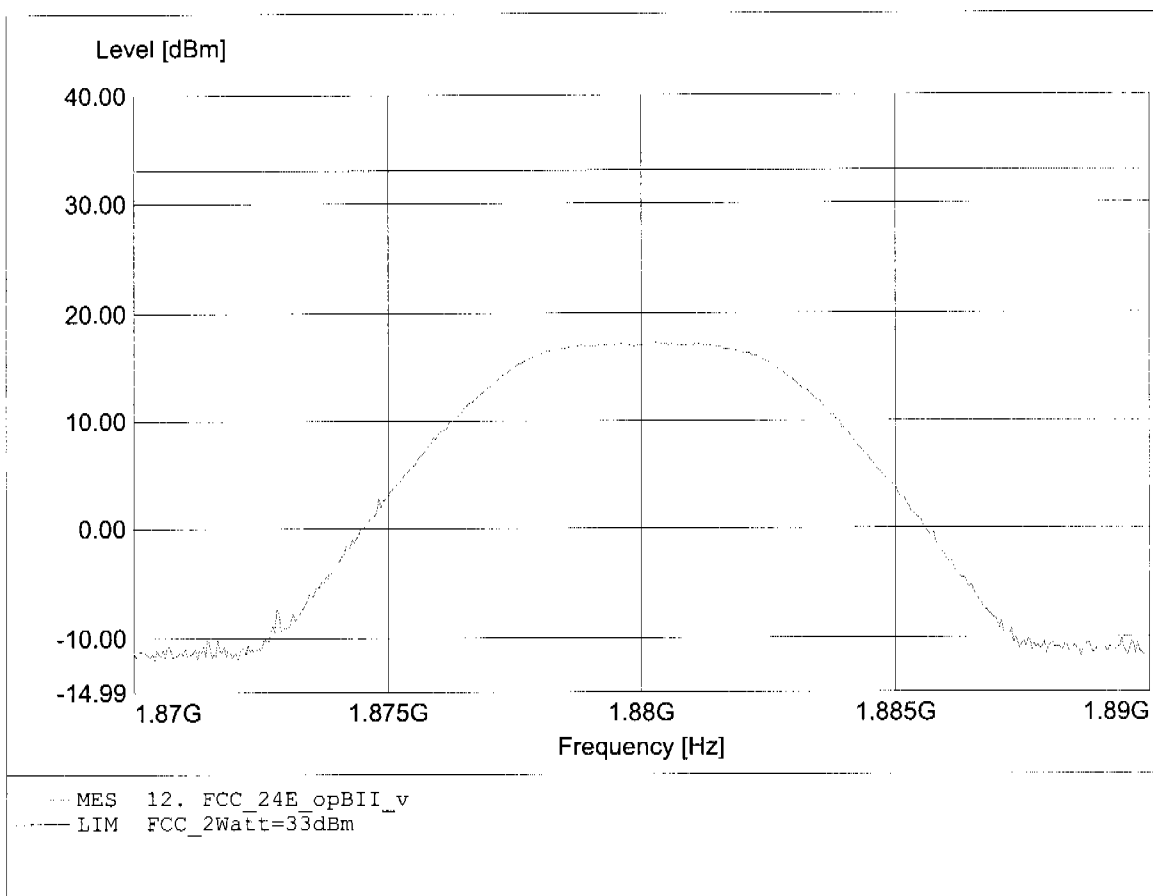
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.853GHz, Pmax: 12.59dBm, RBW: 3MHz



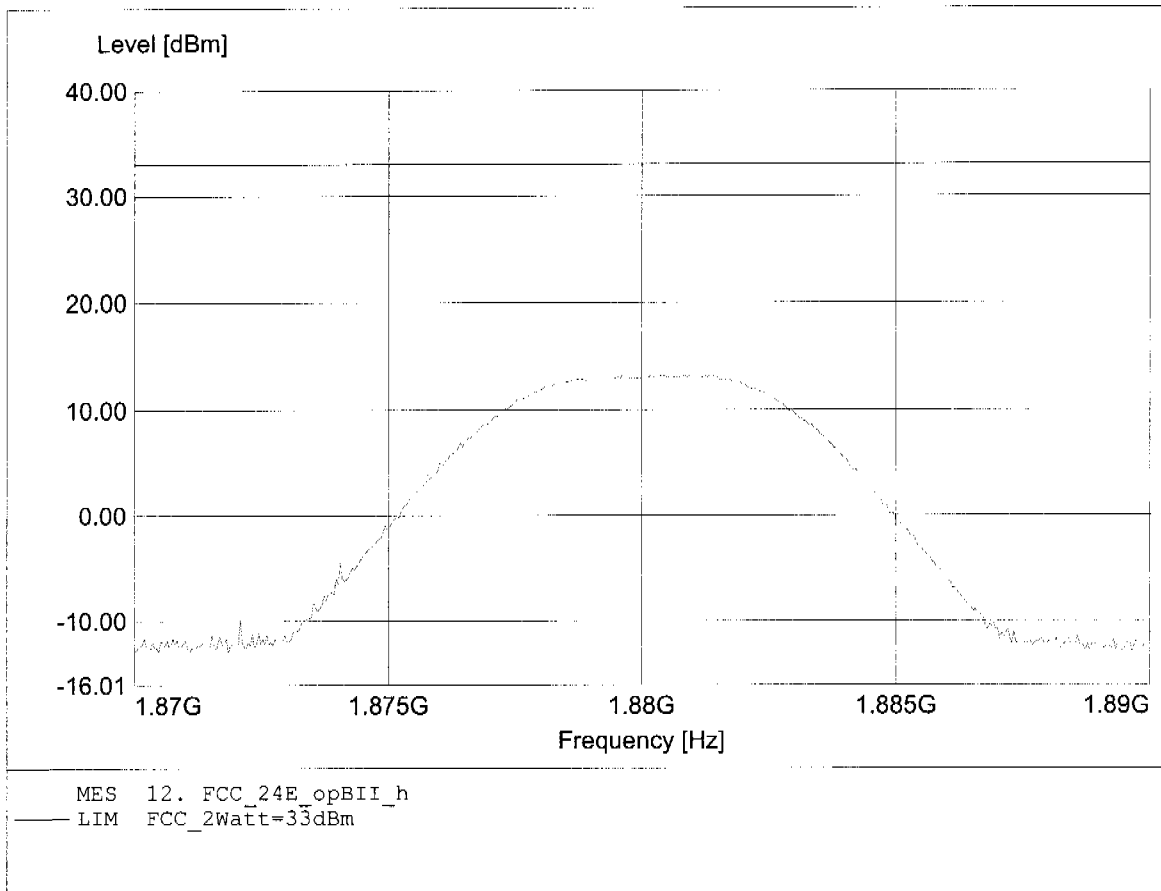
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.880GHz, Pmax: 17.27dBm, RBW: 3MHz



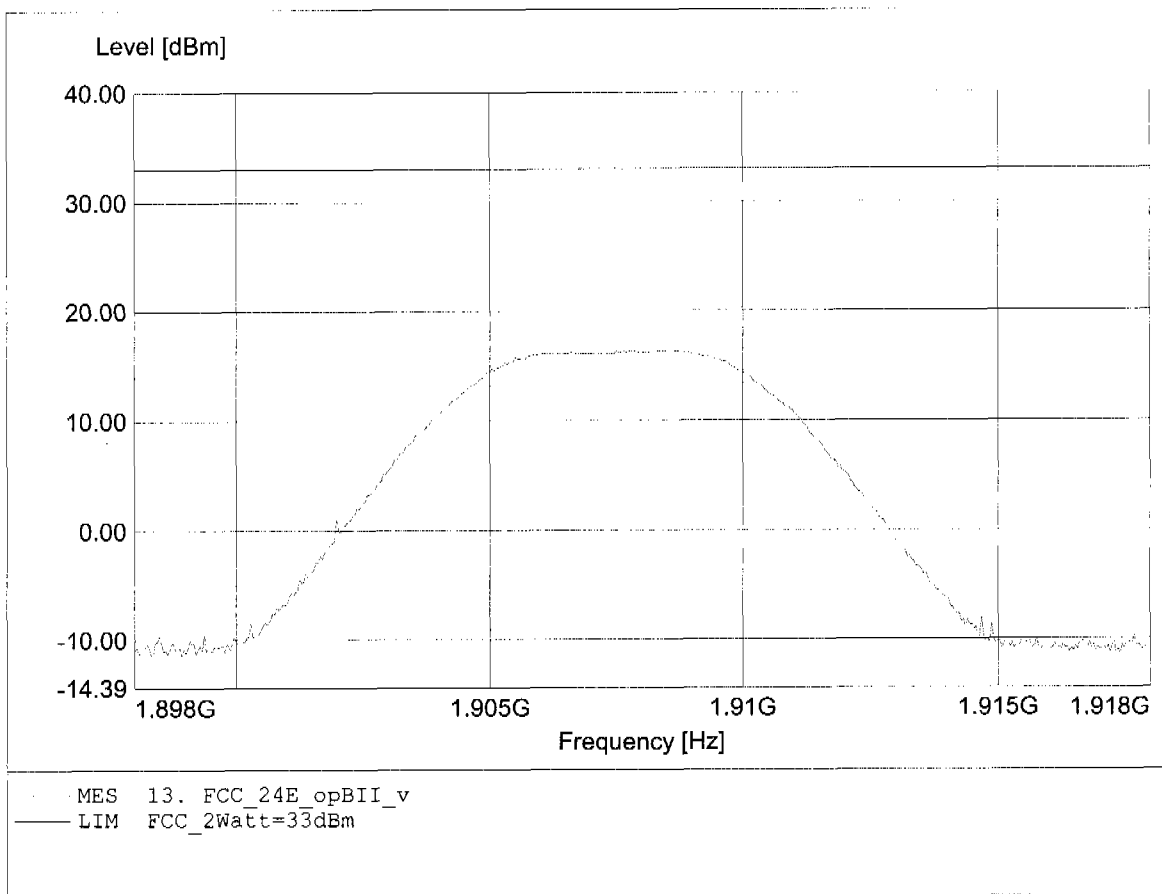
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.880GHz, Pmax: 13.31dBm, RBW: 3MHz



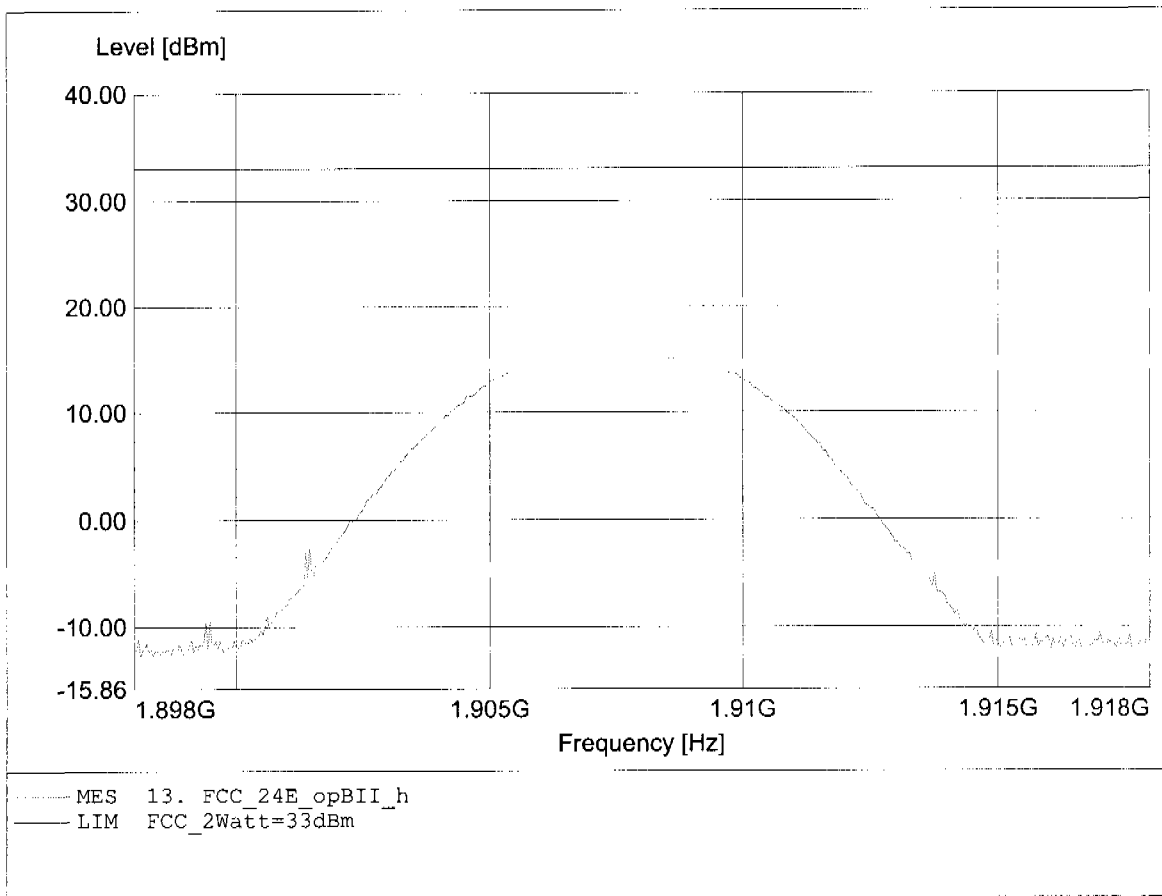
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.909GHz, Pmax: 16.38dBm, RBW: 3MHz



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

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.909GHz, Pmax: 15.08dBm, RBW: 3MHz



Annex D

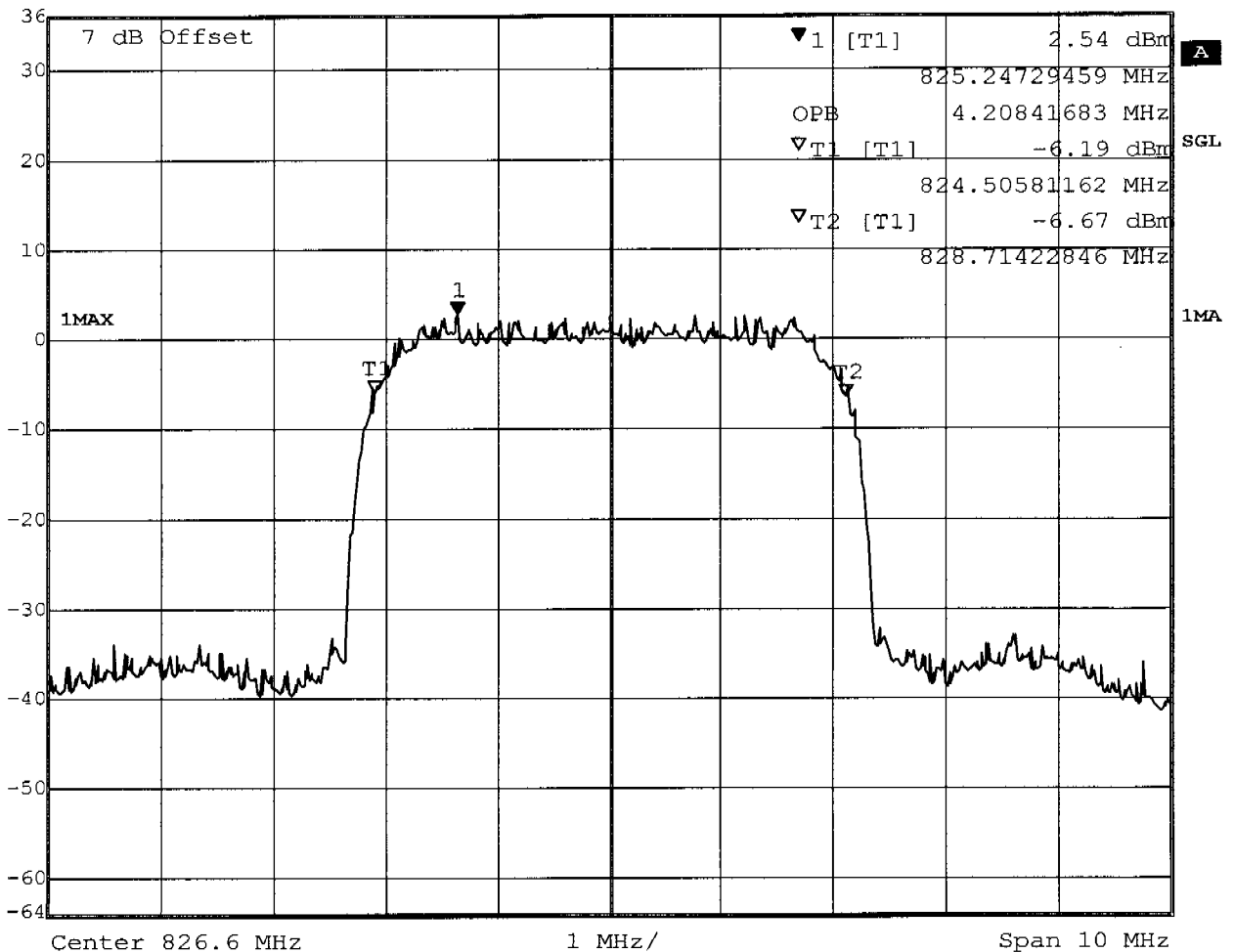
Occupied bandwidth, emission bandwidth

**FCC Part 22 H
Occupied Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4133
Comment 2	
Comment 3	



UNCAL	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	2.54 dBm	VBW	3 kHz		
36 dBm	825.24729459 MHz	SWT	280 ms	Unit	dBm



Date: 18.APR.2008 13:02:01

Measurement diagram

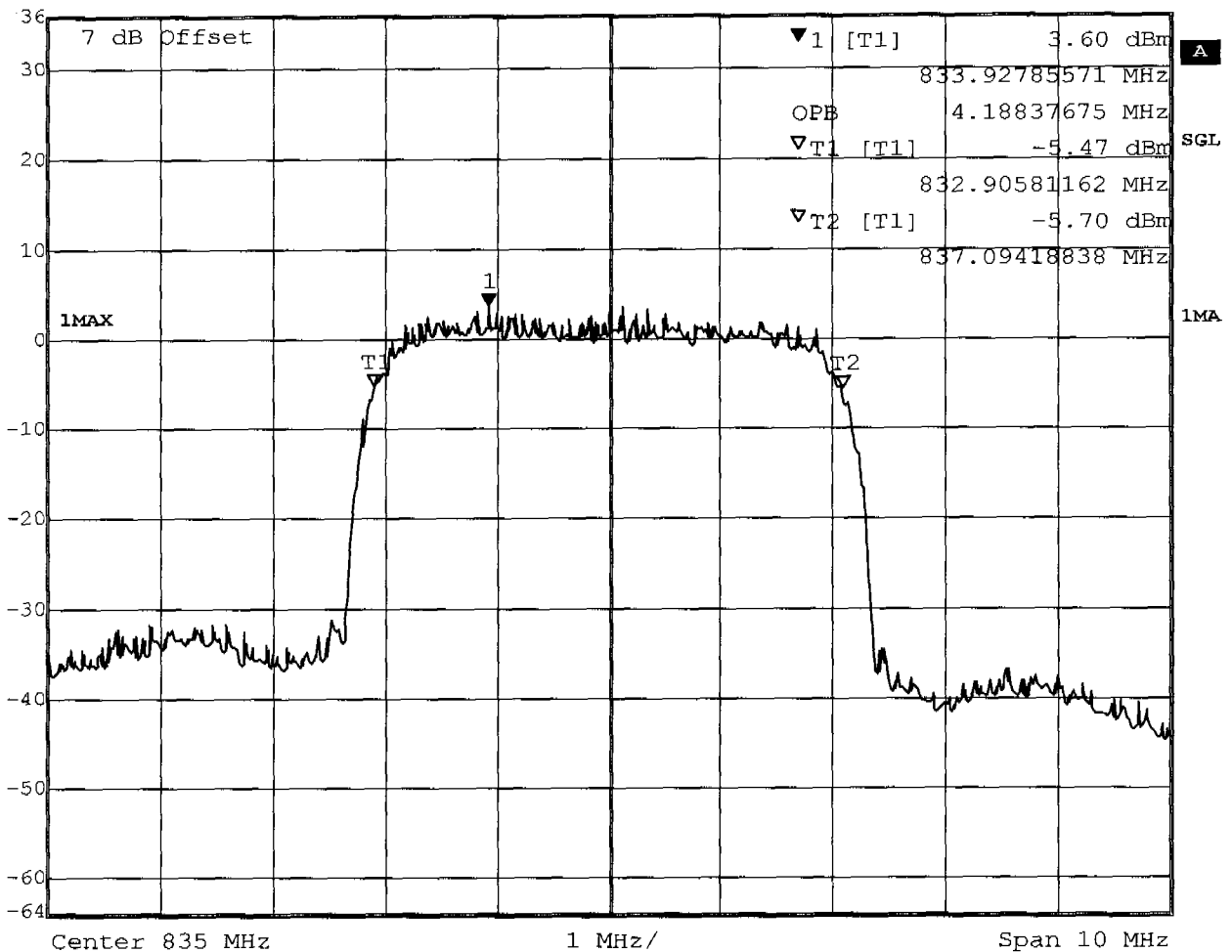
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Occupied Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4175
Comment 2	
Comment 3	



UNCAL	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	3.60 dBm	VBW	3 kHz		
36 dBm	833.92785571 MHz	SWT	280 ms	Unit	dBm



Date: 18.APR.2008 13:02:55

Measurement diagram

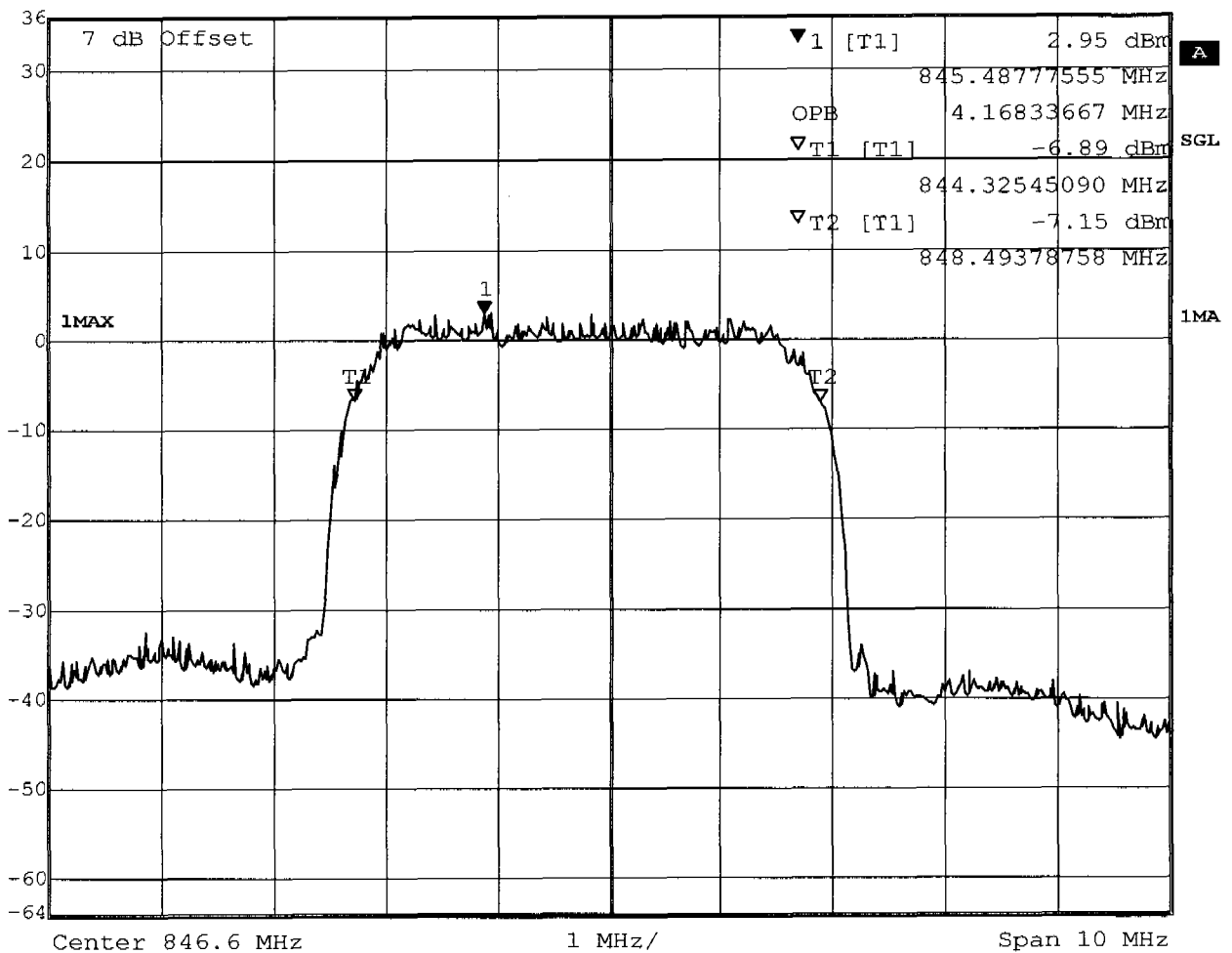
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Occupied Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4232
Comment 2	
Comment 3	



UNCAL	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	2.95 dBm	VBW	3 kHz		
36 dBm	845.48777555 MHz	SWT	280 ms	Unit	dBm



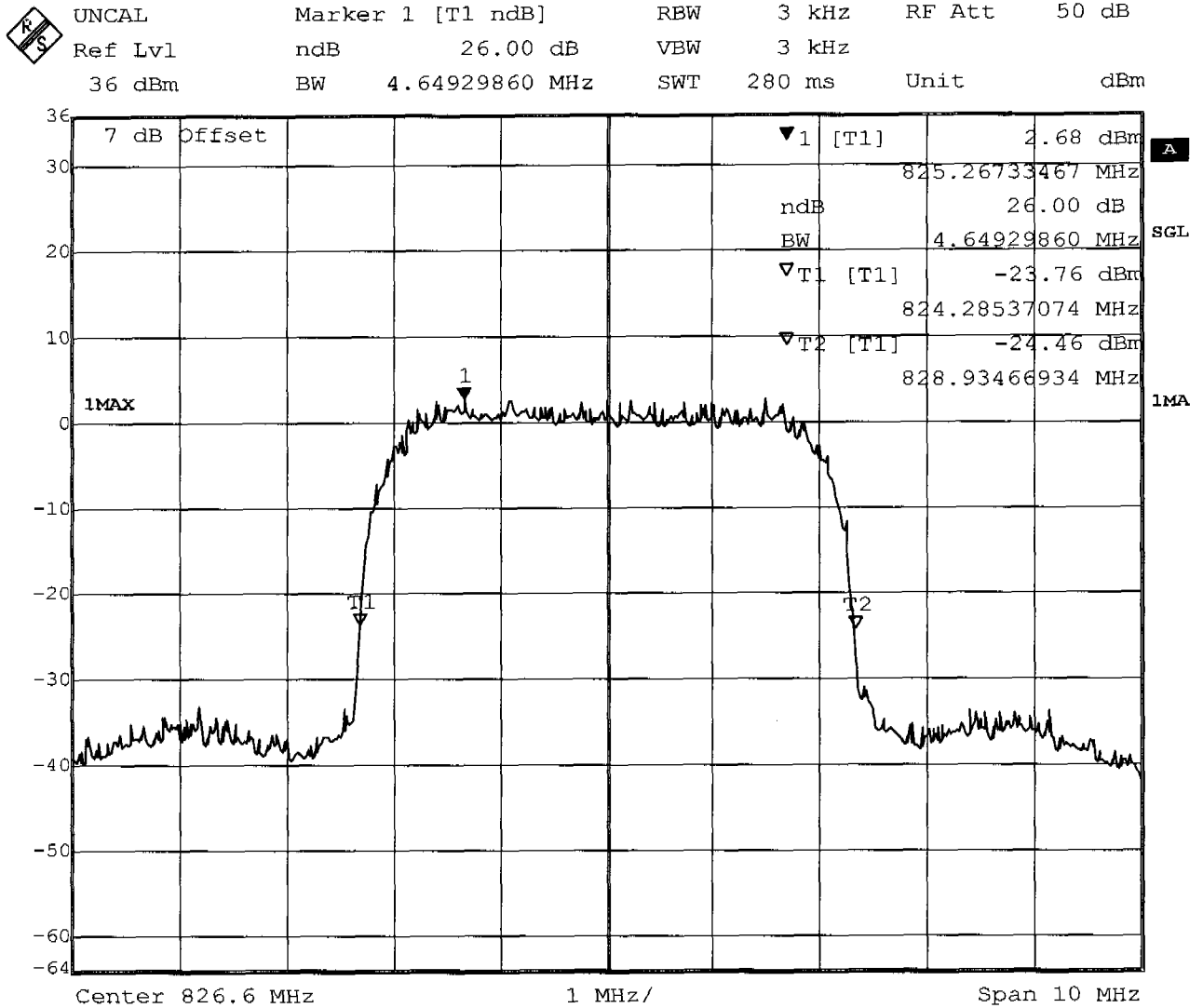
Date: 18.APR.2008 13:04:25

Measurement diagram

 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Emission Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4133
Comment 2	-26 dB Emission Bandwidth
Comment 3	




Date: 18.APR.2008 12:57:15

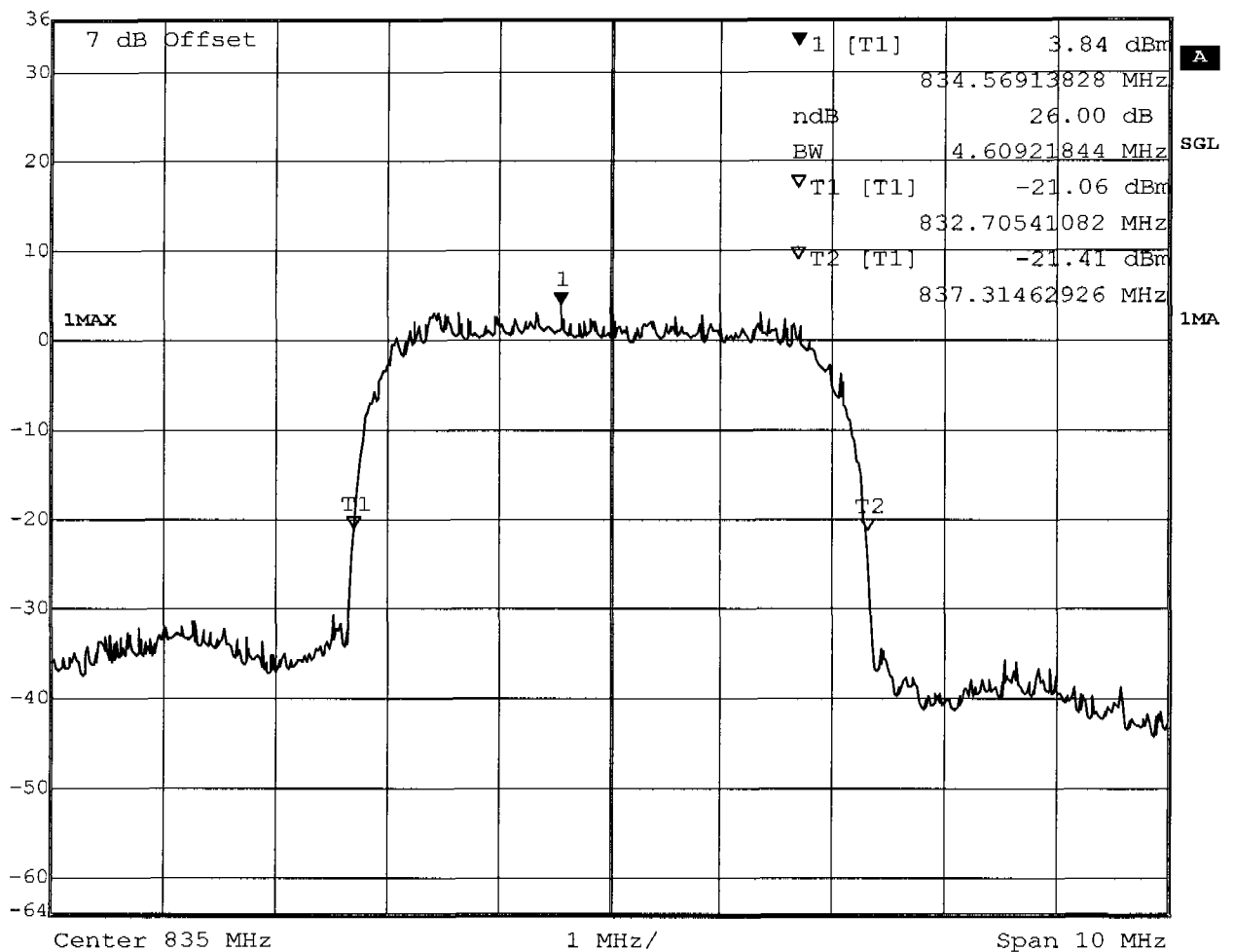
Measurement diagram

 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Emission Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4175
Comment 2	-26 dB Emission Bandwidth
Comment 3	

	UNCAL	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	ndB	26.00 dB	VBW	3 kHz	
	36 dBm	BW	4.60921844 MHz	SWT	280 ms	Unit



Date: 18.APR.2008 12:58:53

Measurement diagram

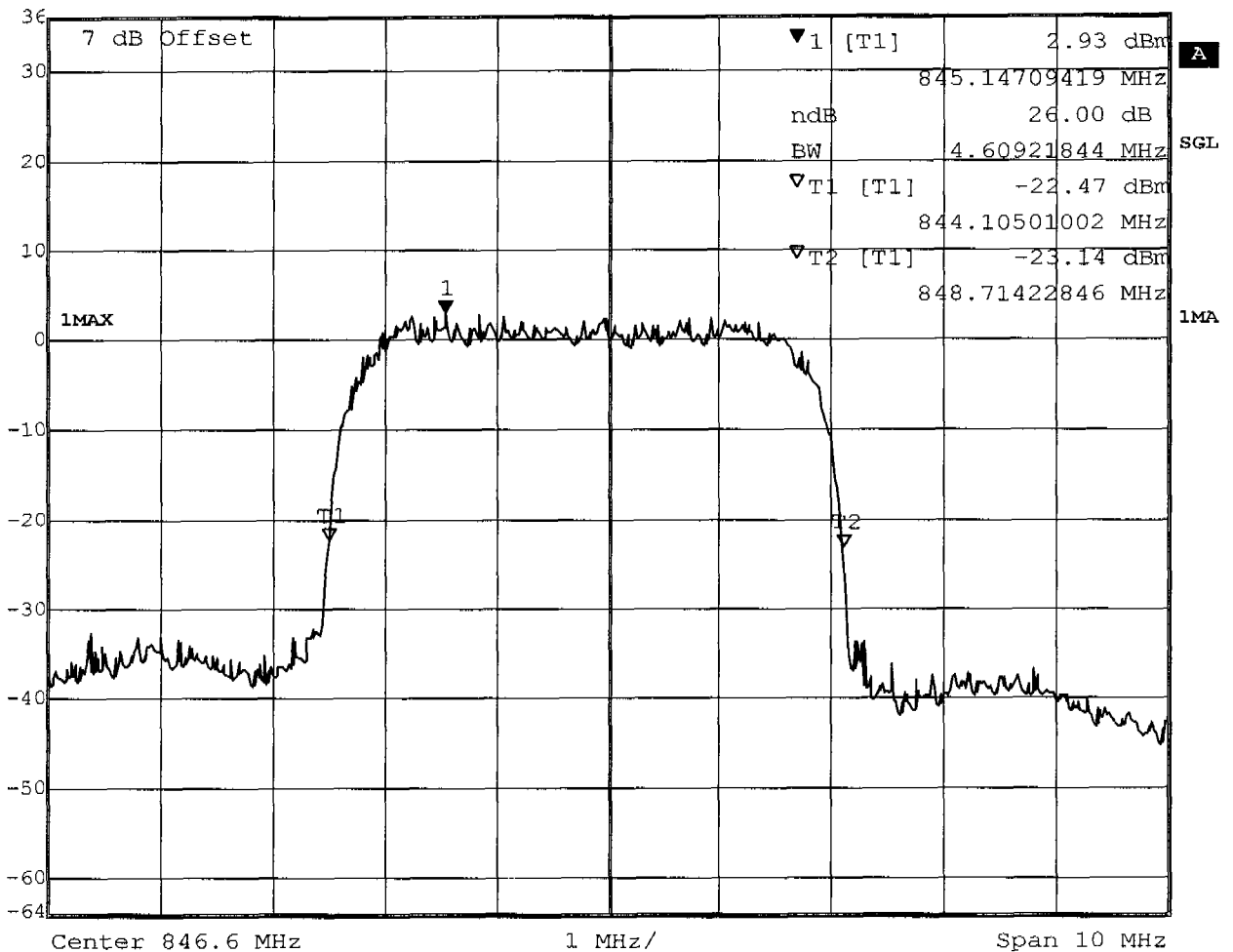
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 22 H
Emission Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4232
Comment 2	-26 dB Emission Bandwidth
Comment 3	



UNCAL	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	ndB 26.00 dB	VBW	3 kHz		
36 dBm	BW 4.60921844 MHz	SWT	280 ms	Unit	dBm



Date: 18.APR.2008 13:00:07

Measurement diagram

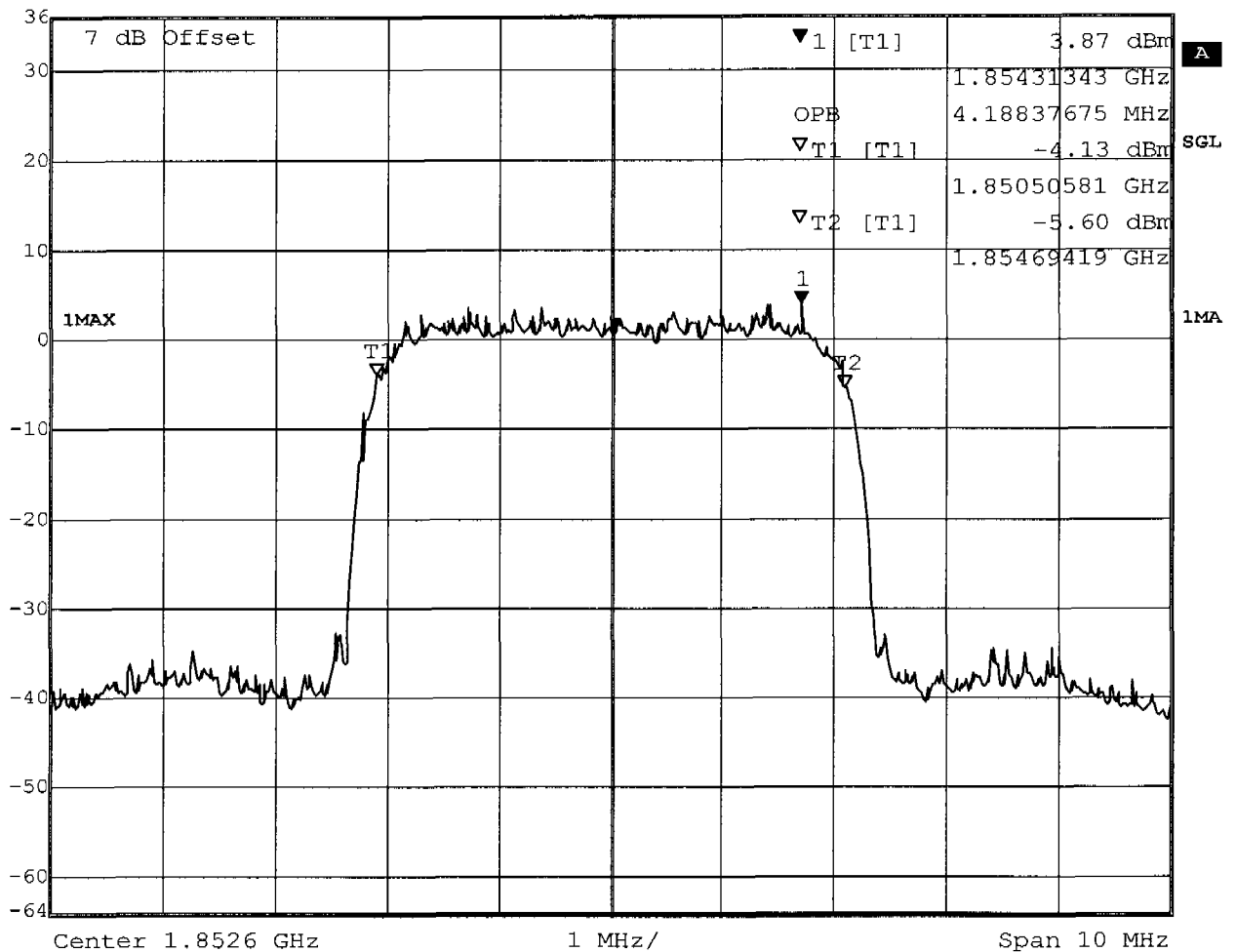
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 24 E
Occupied Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9263
Comment 2	
Comment 3	



UNCAL	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	3.87 dBm	VBW	3 kHz		
36 dBm	1.85431343 GHz	SWT	280 ms	Unit	dBm



Date: 18.APR.2008 12:54:20

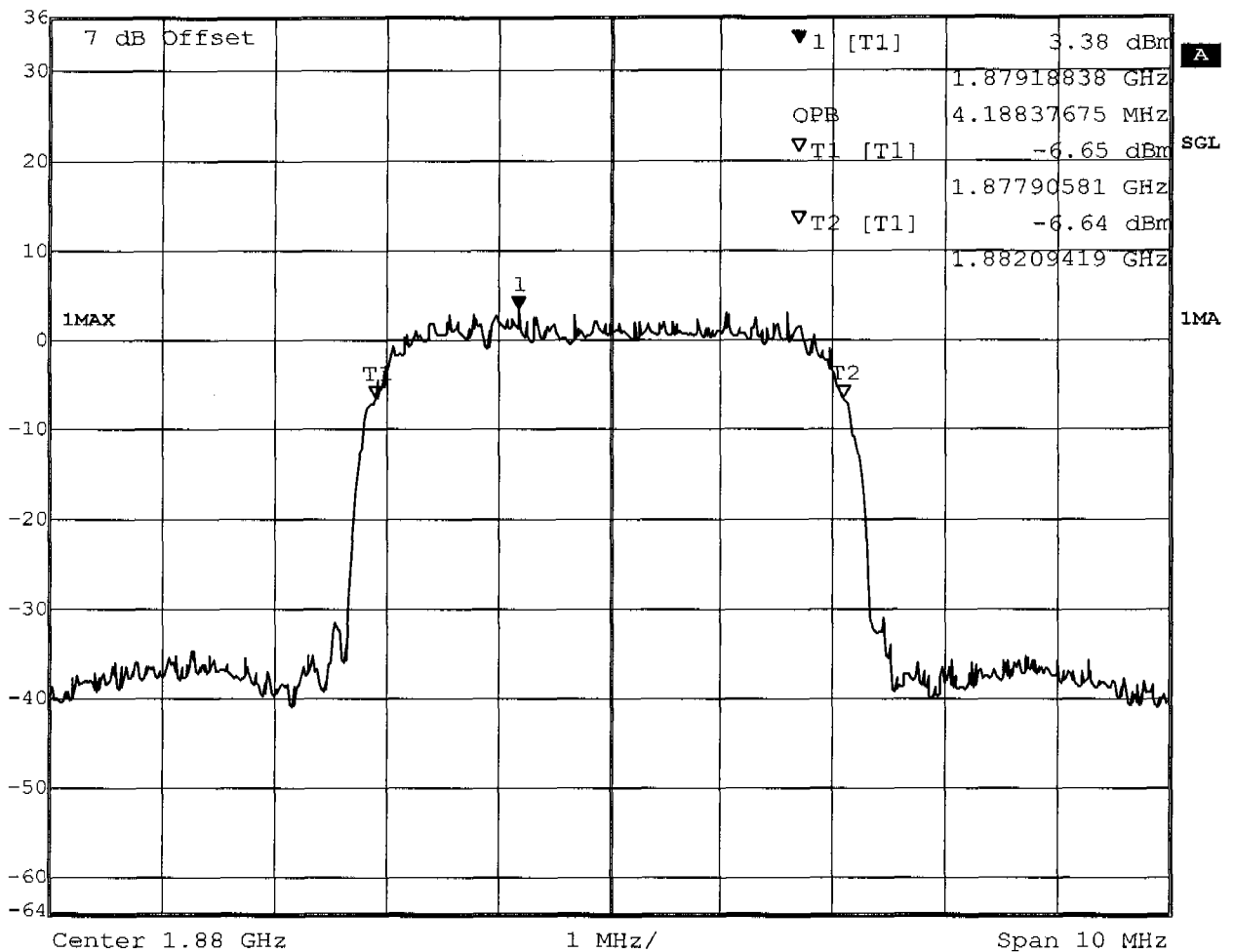
Measurement diagram

 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 24 E
Occupied Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9400
Comment 2	
Comment 3	

UNCAL	Marker 1 [T1]	REW	3 kHz	RF Att	50 dB
Ref Lvl	3.38 dBm	VBW	3 kHz		
36 dBm	1.87918838 GHz	SWT	280 ms	Unit	dBm




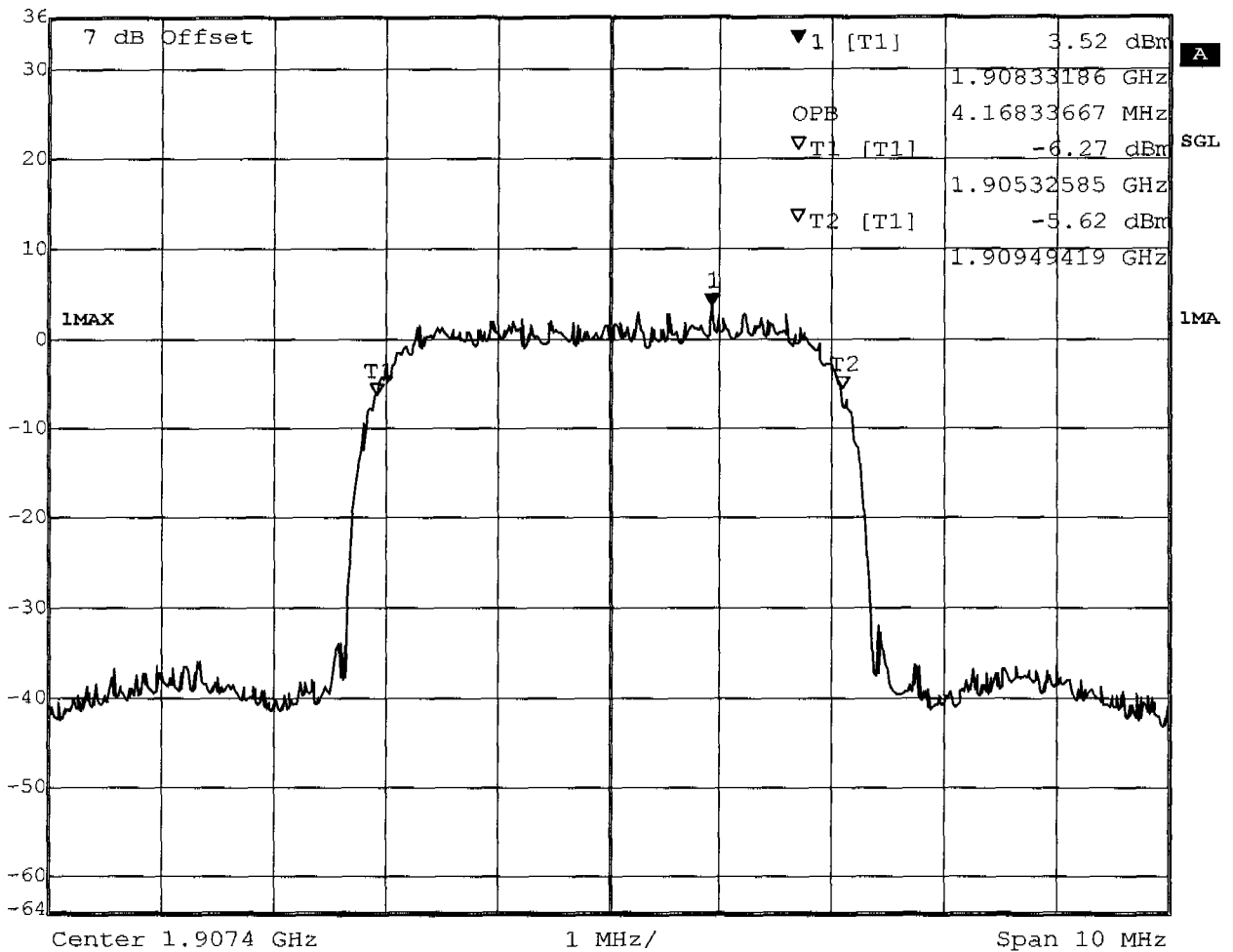
Date: 18.APR.2008 12:52:46

Measurement diagram

**FCC Part 24 E
Occupied Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9537
Comment 2	
Comment 3	

	UNCAL	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	3.52 dBm	VBW	3 kHz		
	36 dBm	1.90833186 GHz	SWT	280 ms	Unit	dBm



Date: 18.APR.2008 12:51:05

Measurement diagram

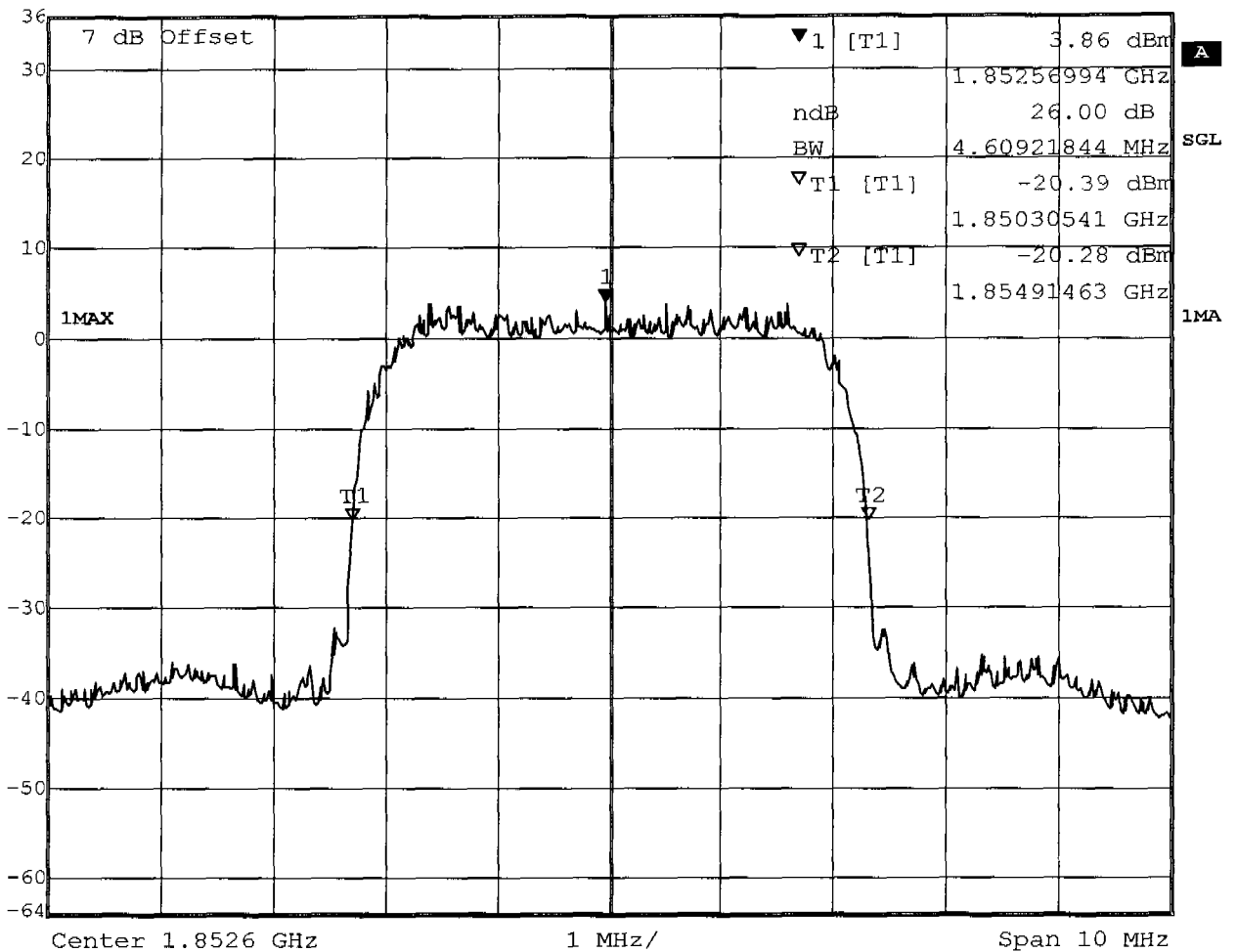
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 24 E
Emission Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9263
Comment 2	-26 dB Emission Bandwidth
Comment 3	



UNCAL	Marker 1 [T1 ndB]	REW	3 kHz	RF Att	50 dB
Ref Lvl	ndB 26.00 dB	VBW	3 kHz		
36 dBm	BW 4.60921844 MHz	SWT	280 ms	Unit	dBm




Date: 18.APR.2008 12:45:47

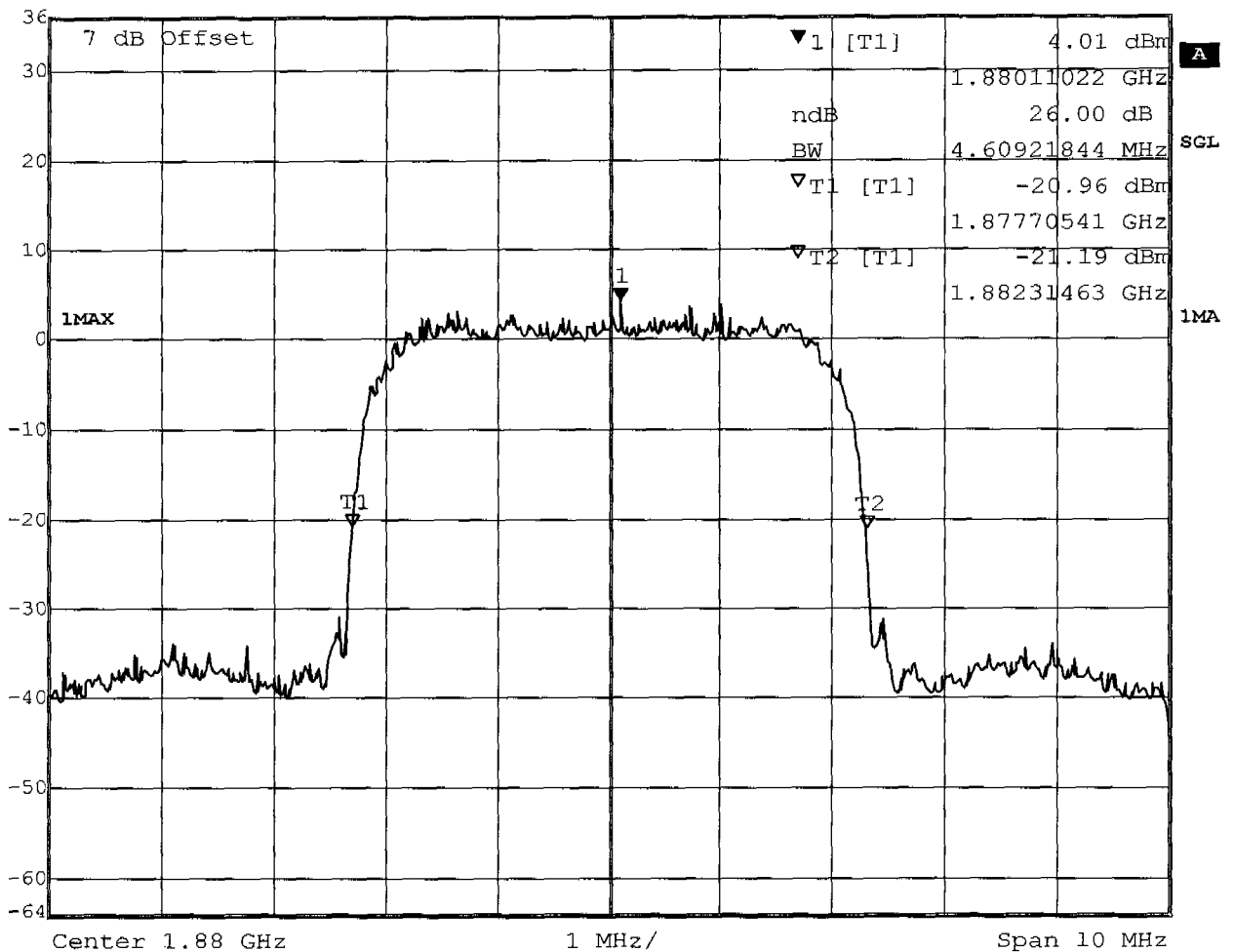
Measurement diagram

 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 24 E
Emission Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9400
Comment 2	-26 dB Emission Bandwidth
Comment 3	

	UNCAL	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	ndB	26.00 dB	VBW	3 kHz	
	36 dBm	BW	4.60921844 MHz	SWT	280 ms	Unit



Date: 18.APR.2008 12:48:31

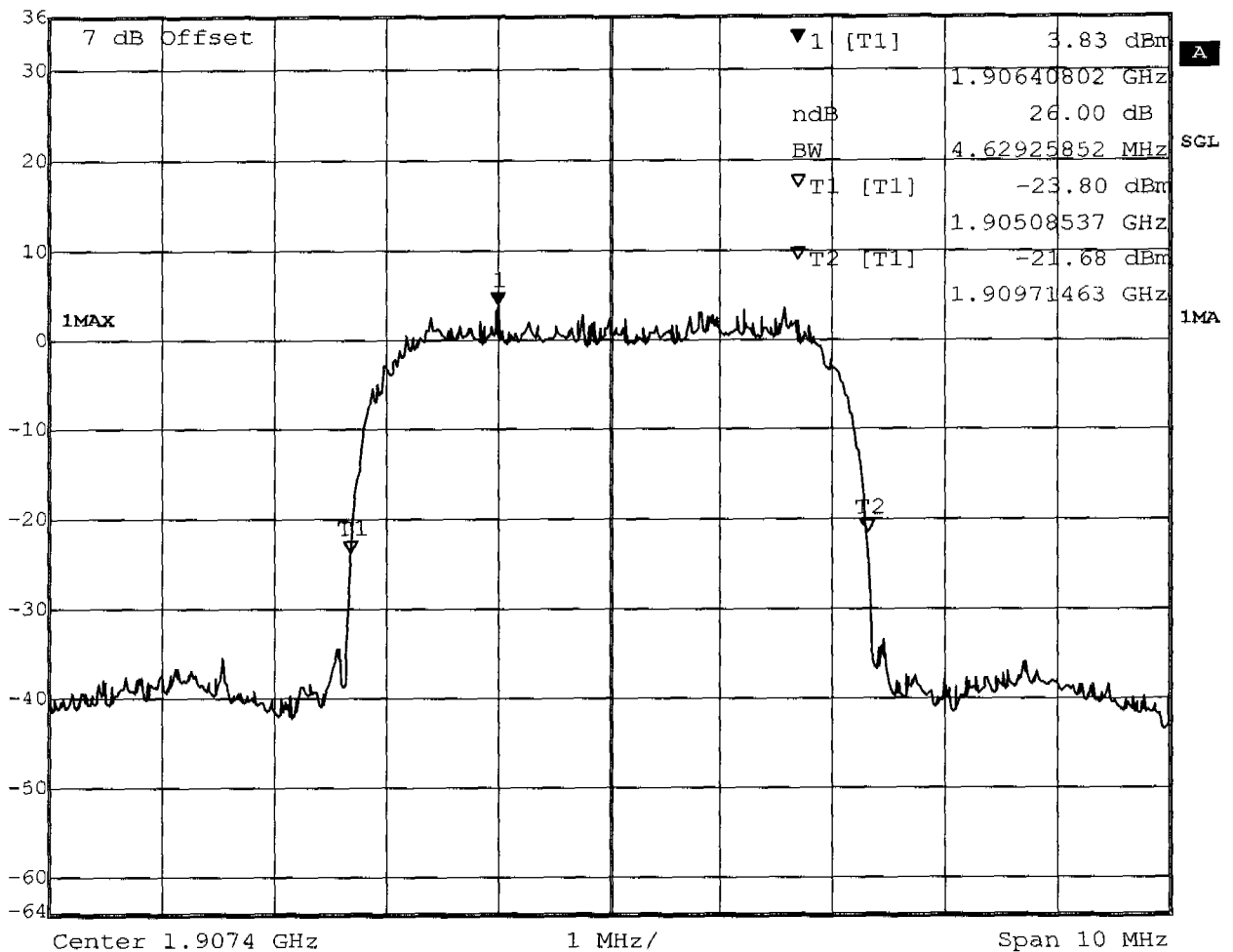
Measurement diagram

**FCC Part 24 E
Emission Bandwidth**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9537
Comment 2	-26 dB Emission Bandwidth
Comment 3	



UNCAL	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	ndB 26.00 dB	VBW	3 kHz		
36 dBm	BW 4.62925852 MHz	SWT	280 ms	Unit	dBm



Date: 18.APR.2008 12:49:37

Measurement diagram

 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Annex E

Spurious emission radiated

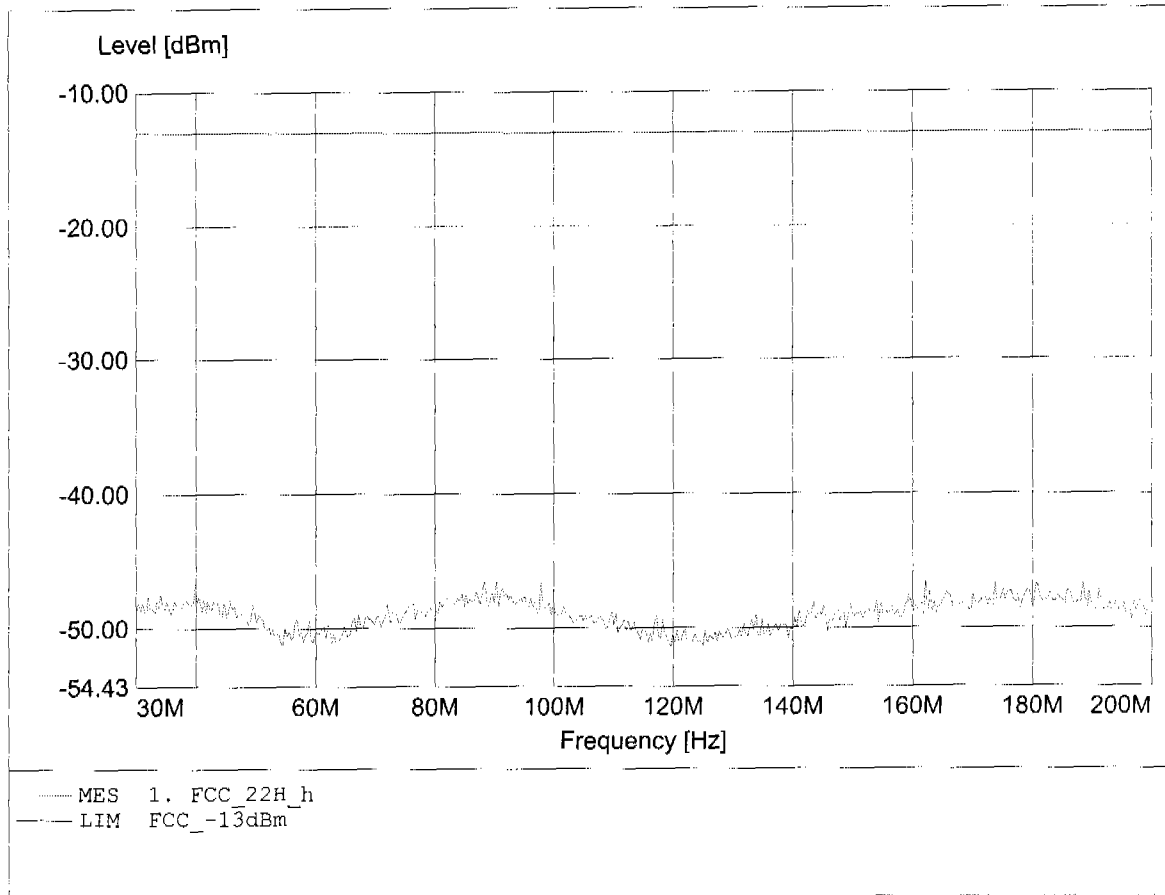
Test Report No.: G5M208010006-C-1

Eurofins ETS Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

Annex E

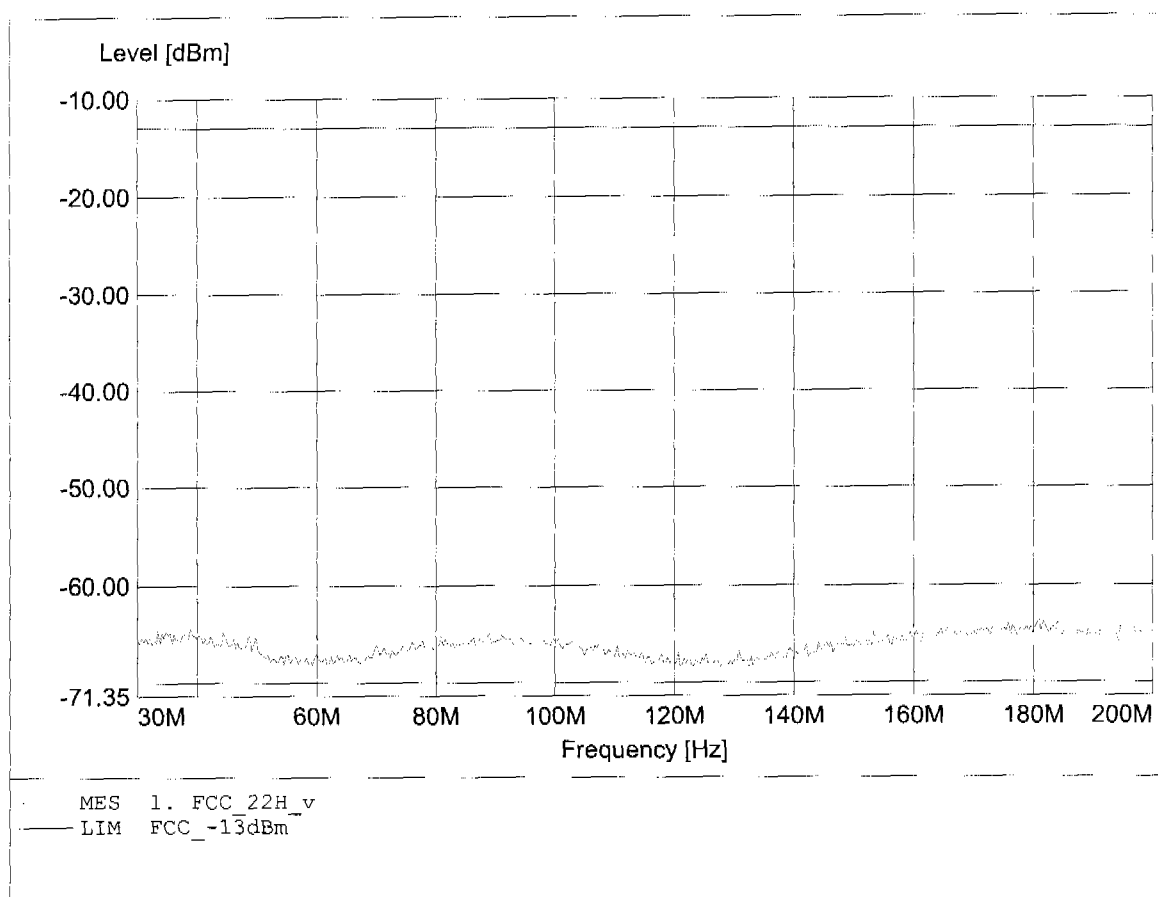
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 90.301MHz, Pmax: -46.38dBm, RBW: 100kHz



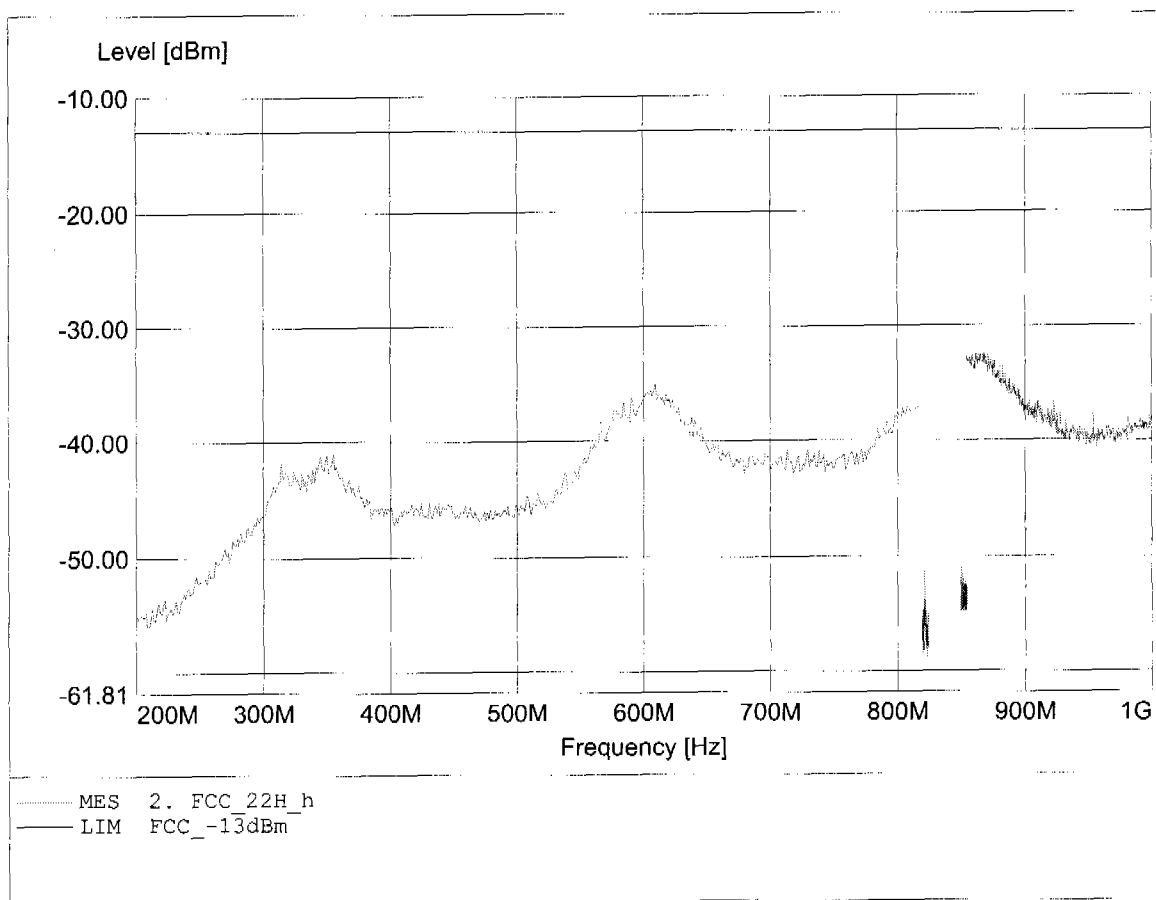
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 180.922MHz, Pmax: -63.60dBm, RBW: 100kHz



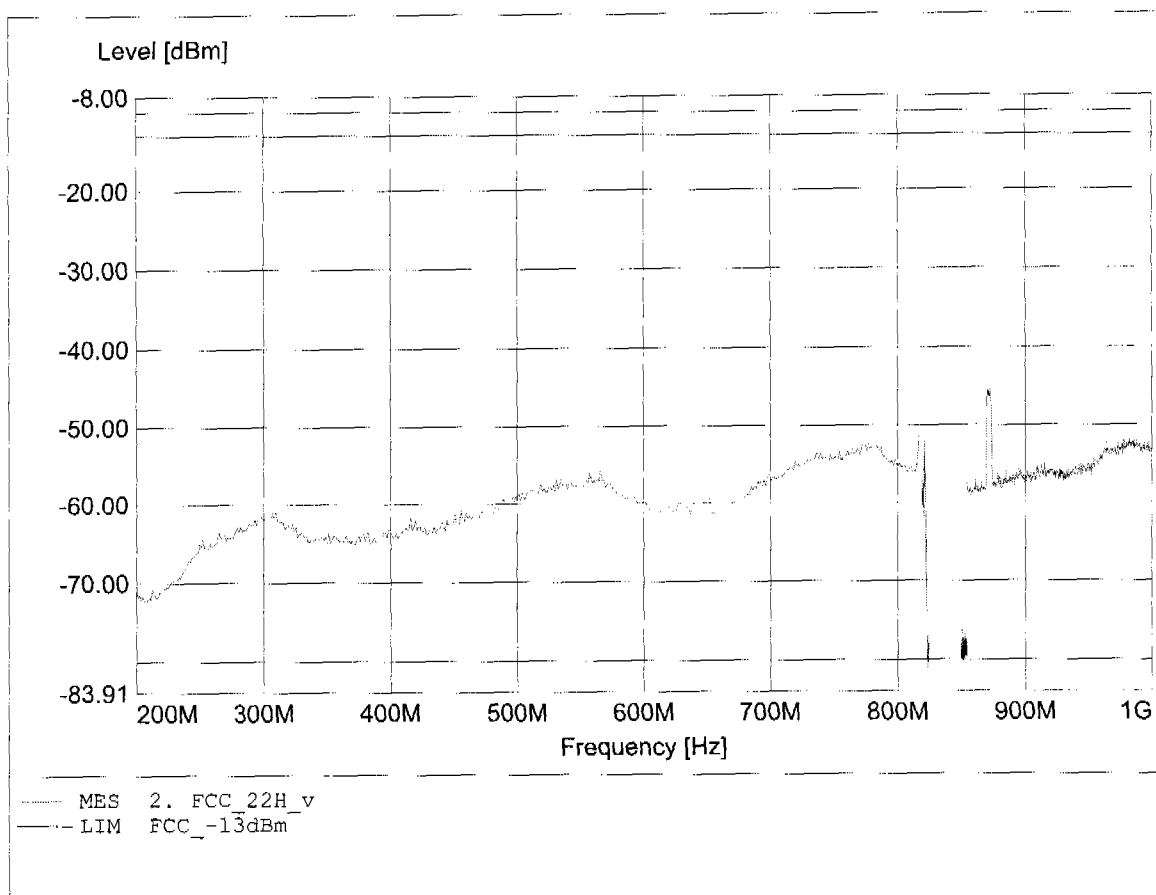
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 854.000MHz, Pmax: -32.37dBm, RBW: 100kHz



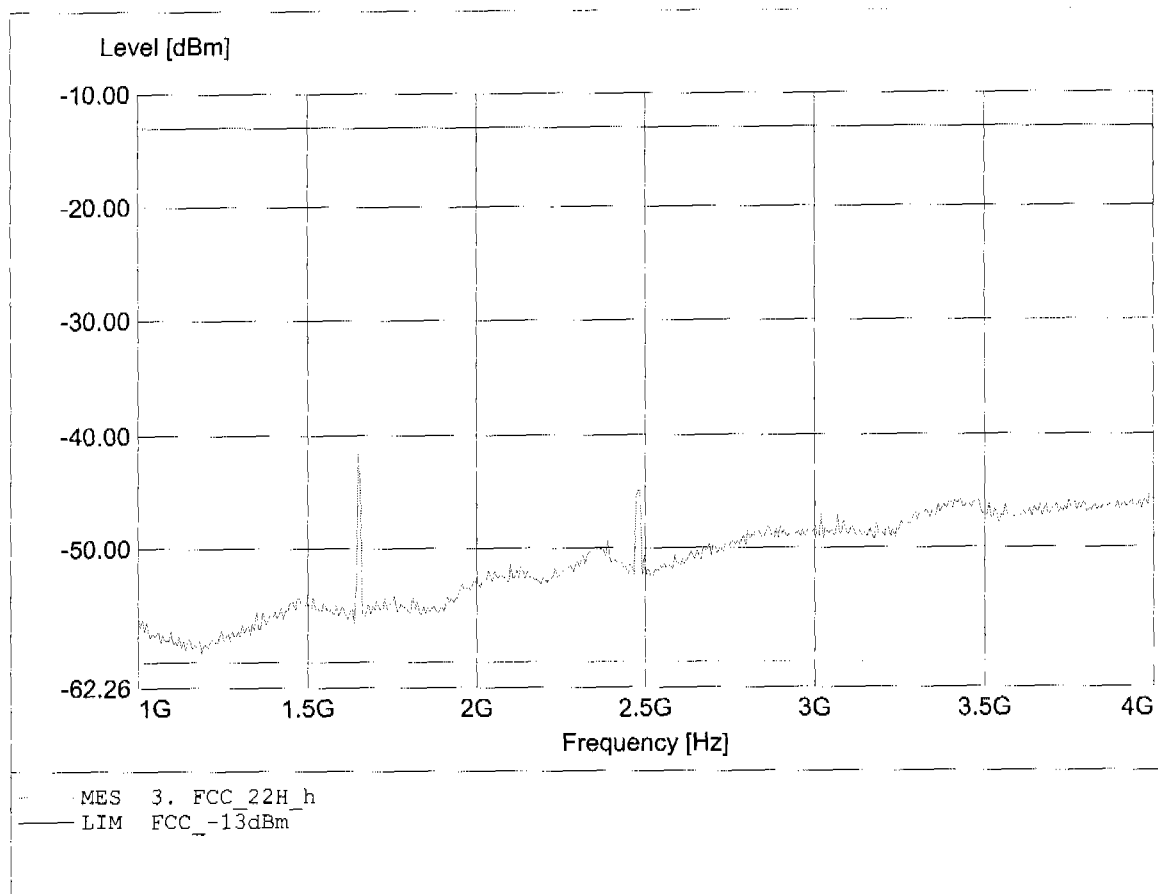
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 870.677MHz, Pmax: -45.15dBm, RBW: 100kHz



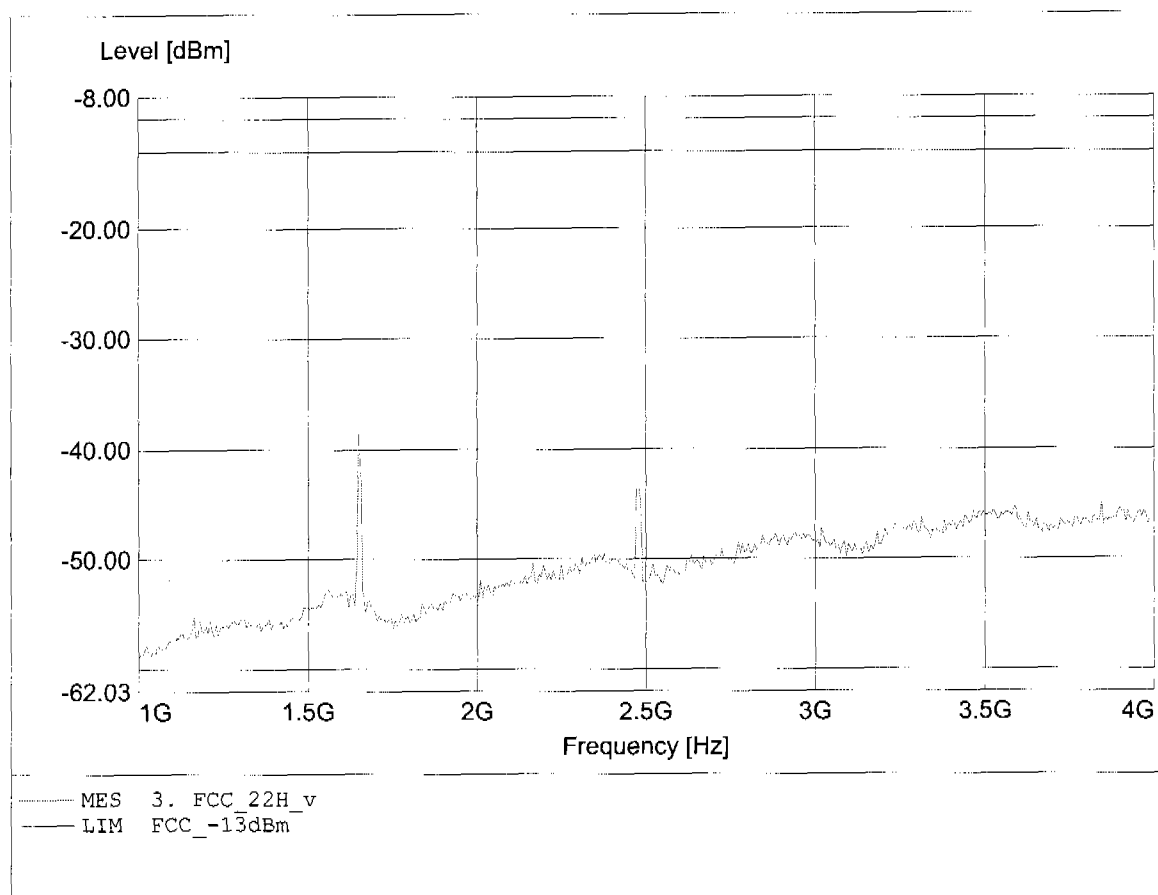
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 1.649GHz, Pmax: -41.43dBm, RBW: 1MHz



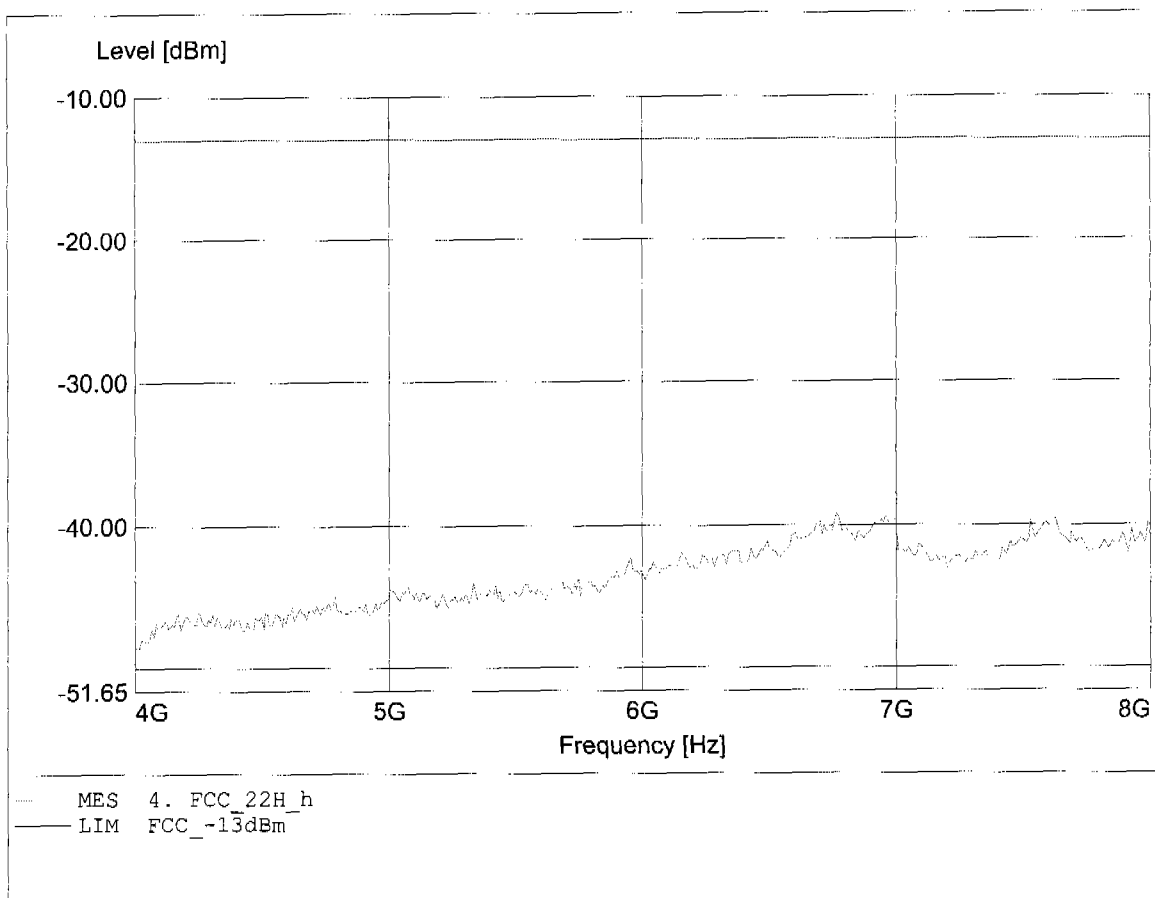
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 1.649GHz, Pmax: -38.57dBm, RBW: 1MHz



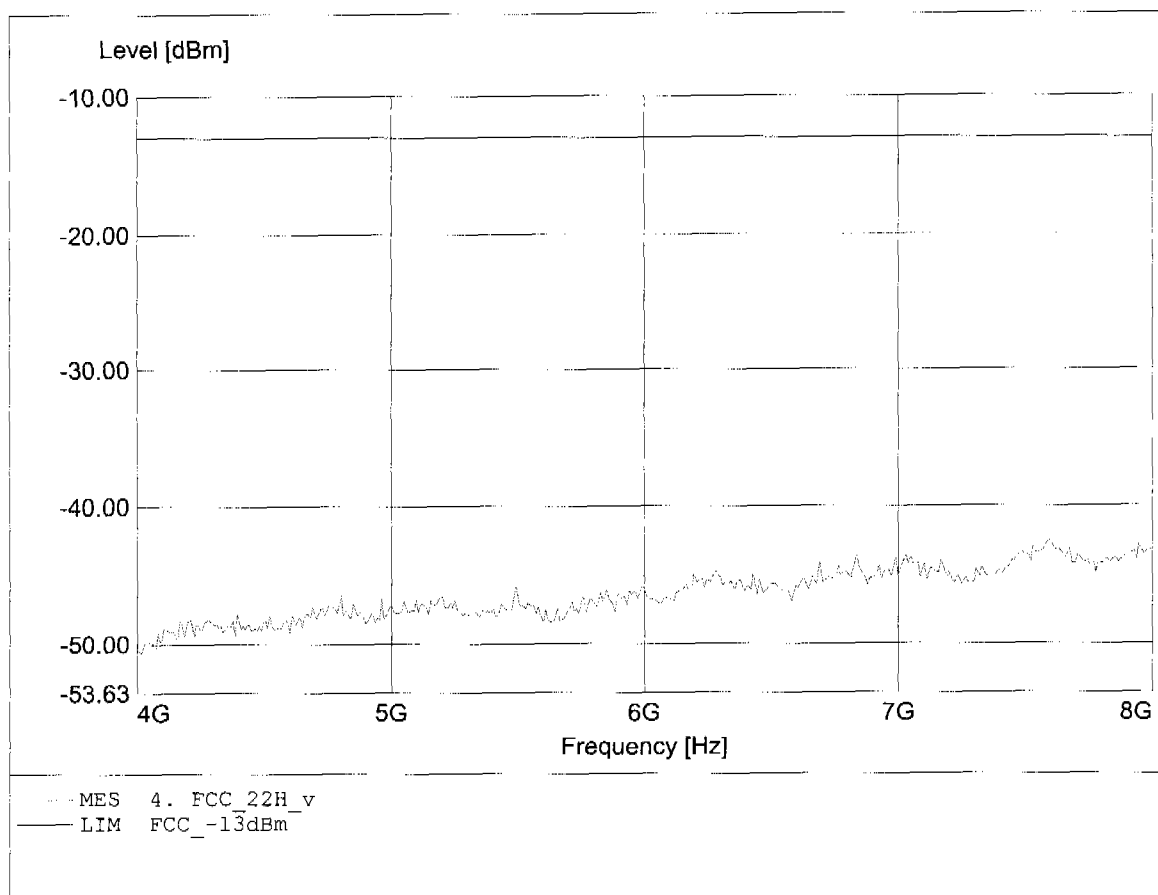
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.766GHz, Pmax: -39.19dBm, RBW: 1MHz



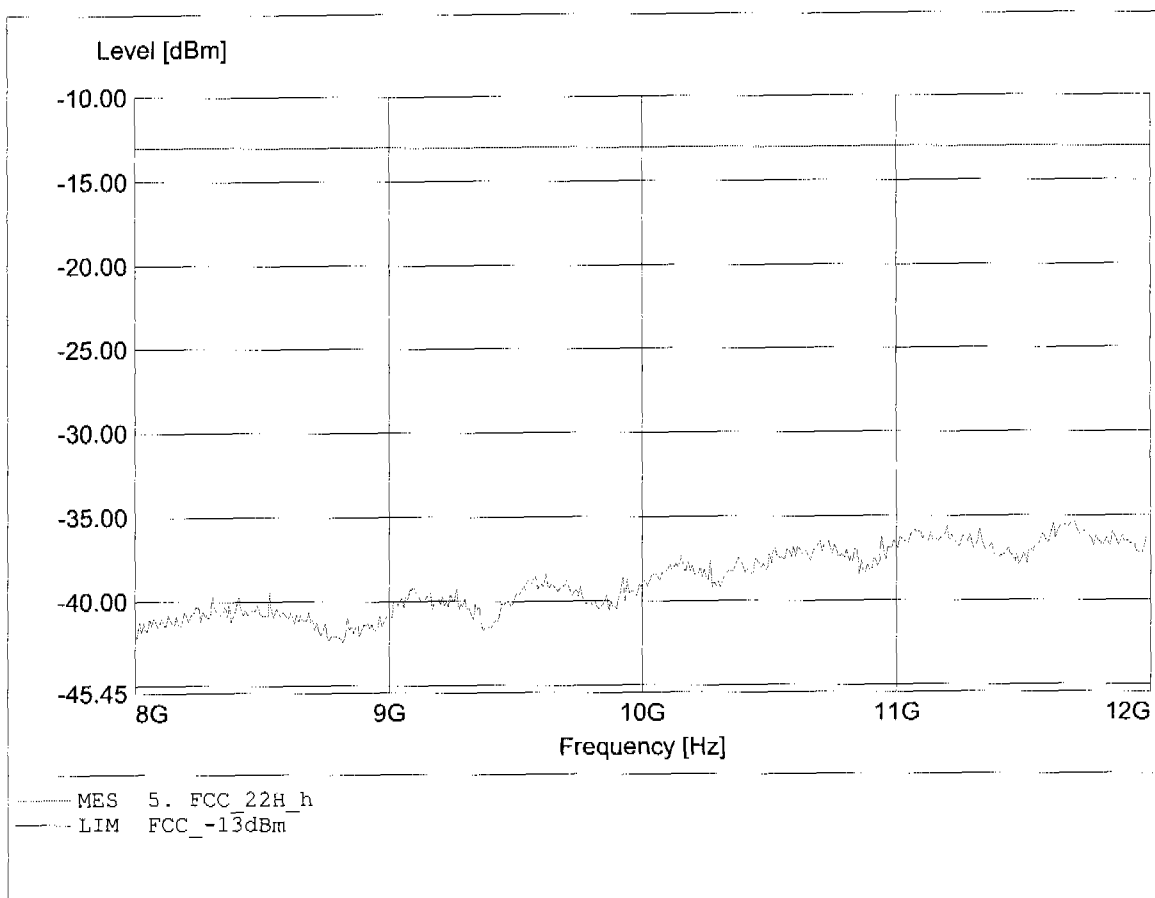
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.591GHz, Pmax: -42.44dBm, RBW: 1MHz



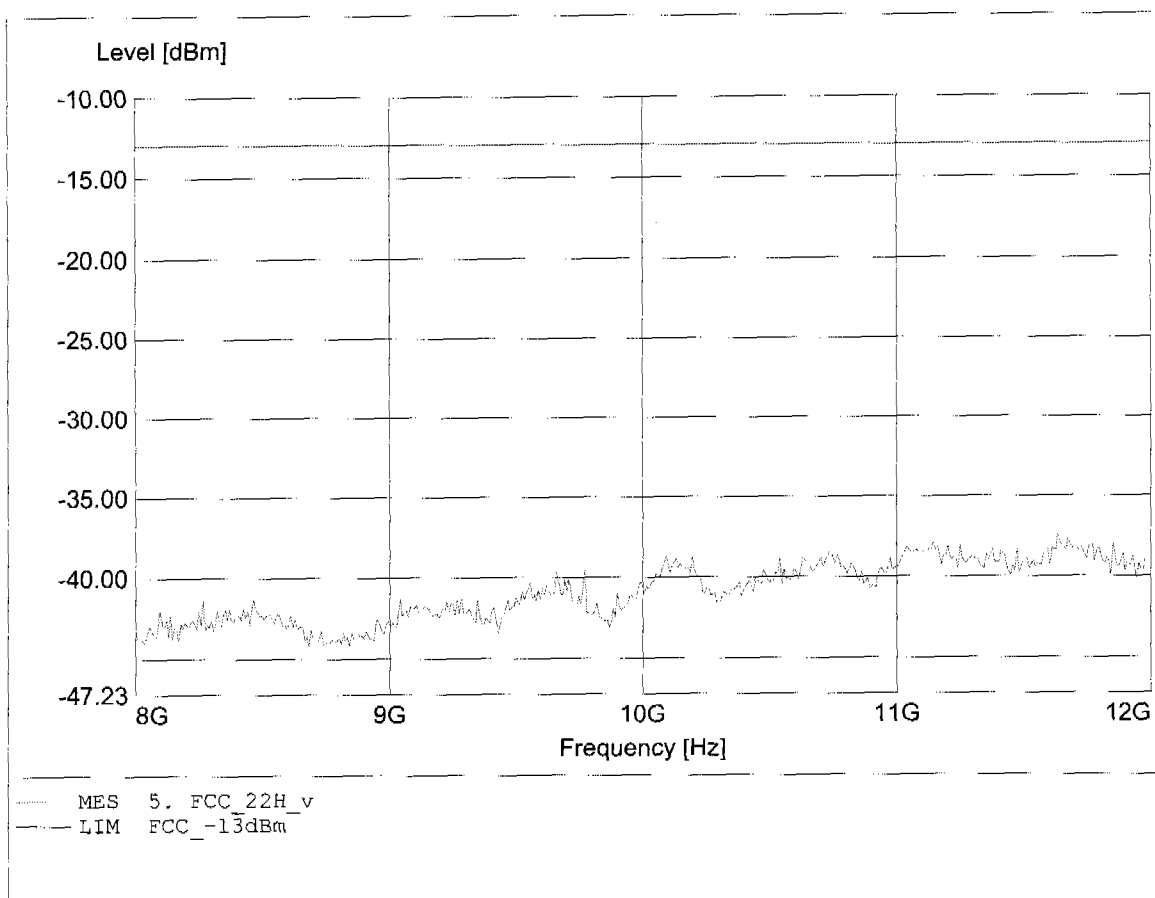
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.695GHz, Pmax: -35.22dBm, RBW: 1MHz



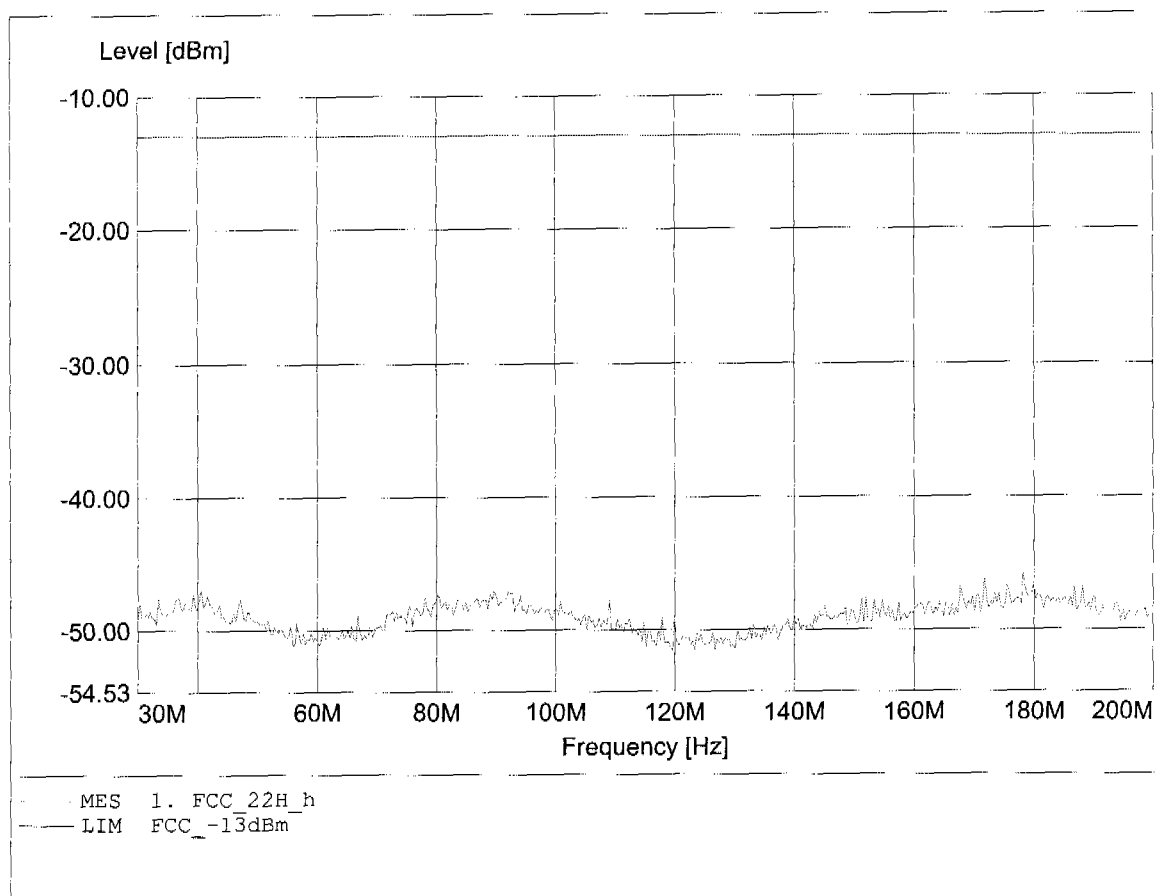
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4133
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.631GHz, Pmax: -37.44dBm, RBW: 1MHz



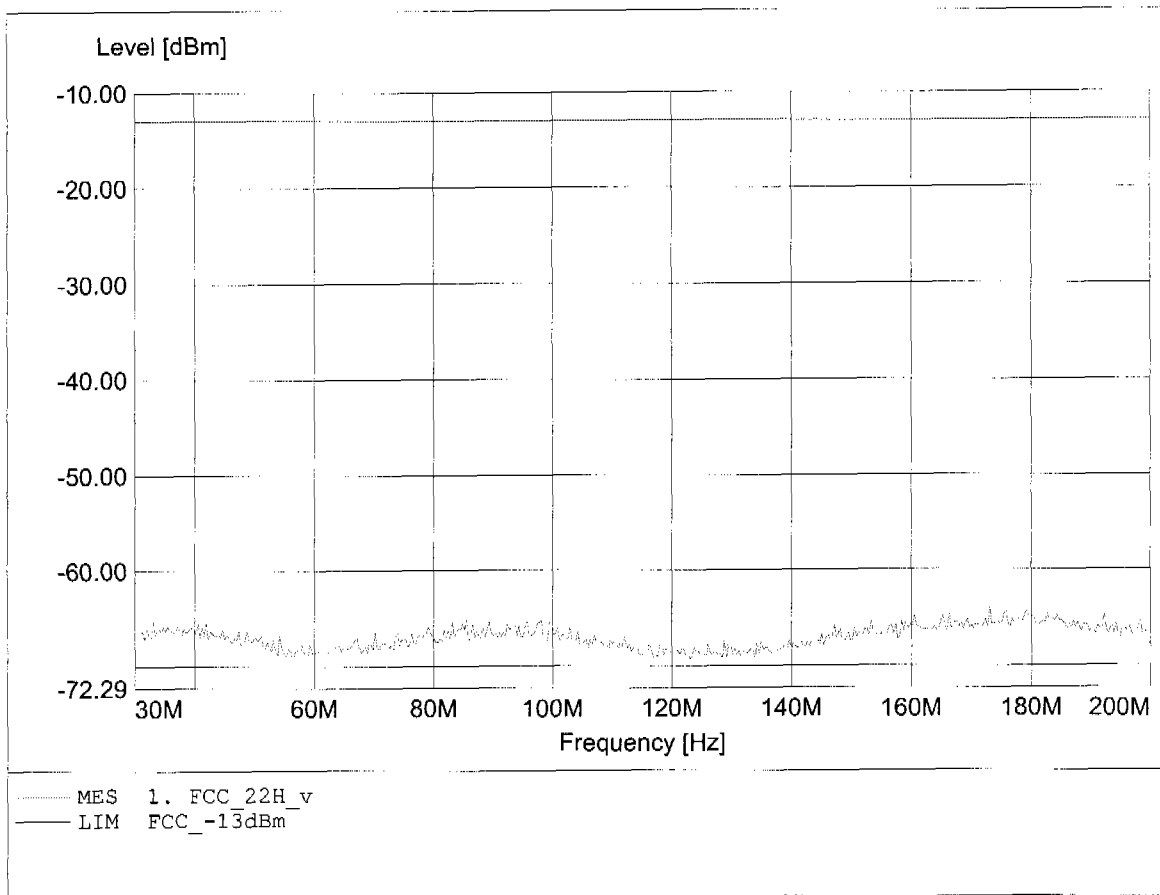
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 178.196MHz, Pmax: -45.76dBm, RBW: 100kHz



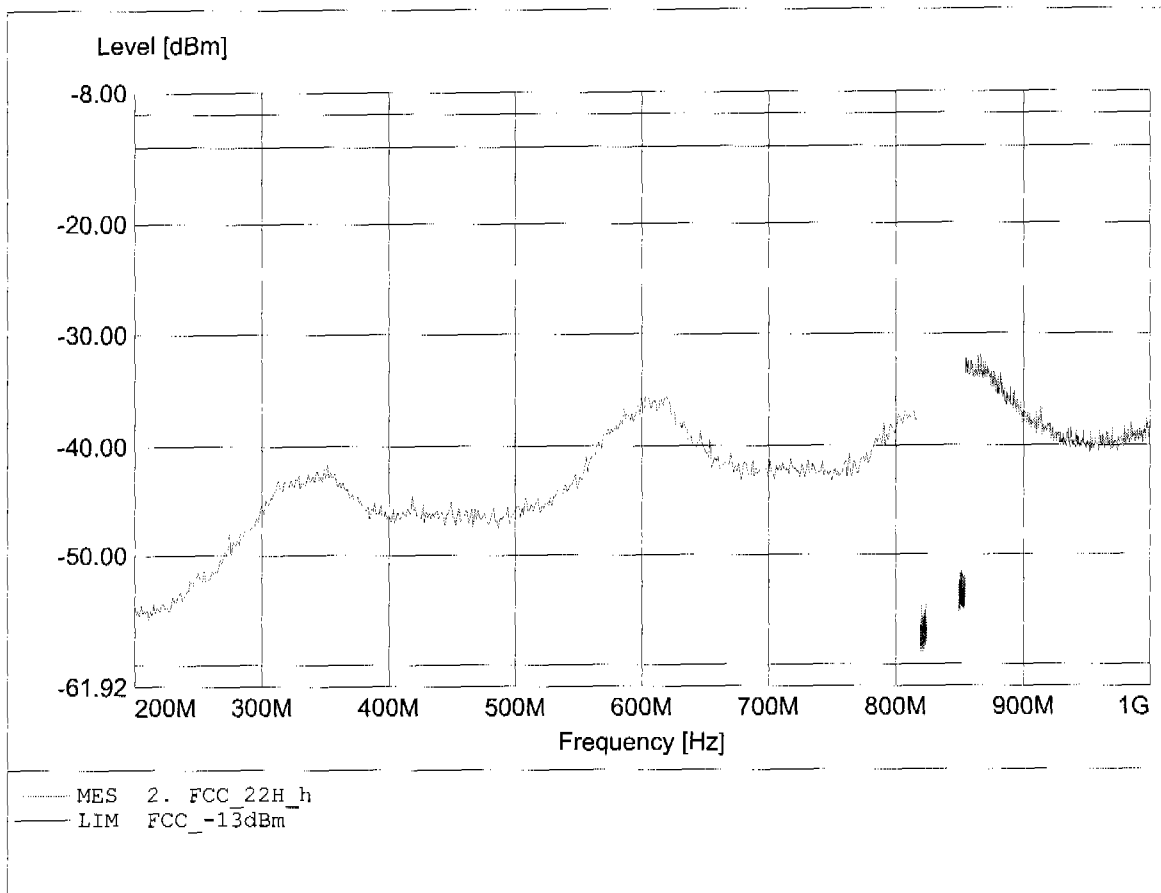
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 173.086MHz, Pmax: -63.89dBm, RBW: 100kHz



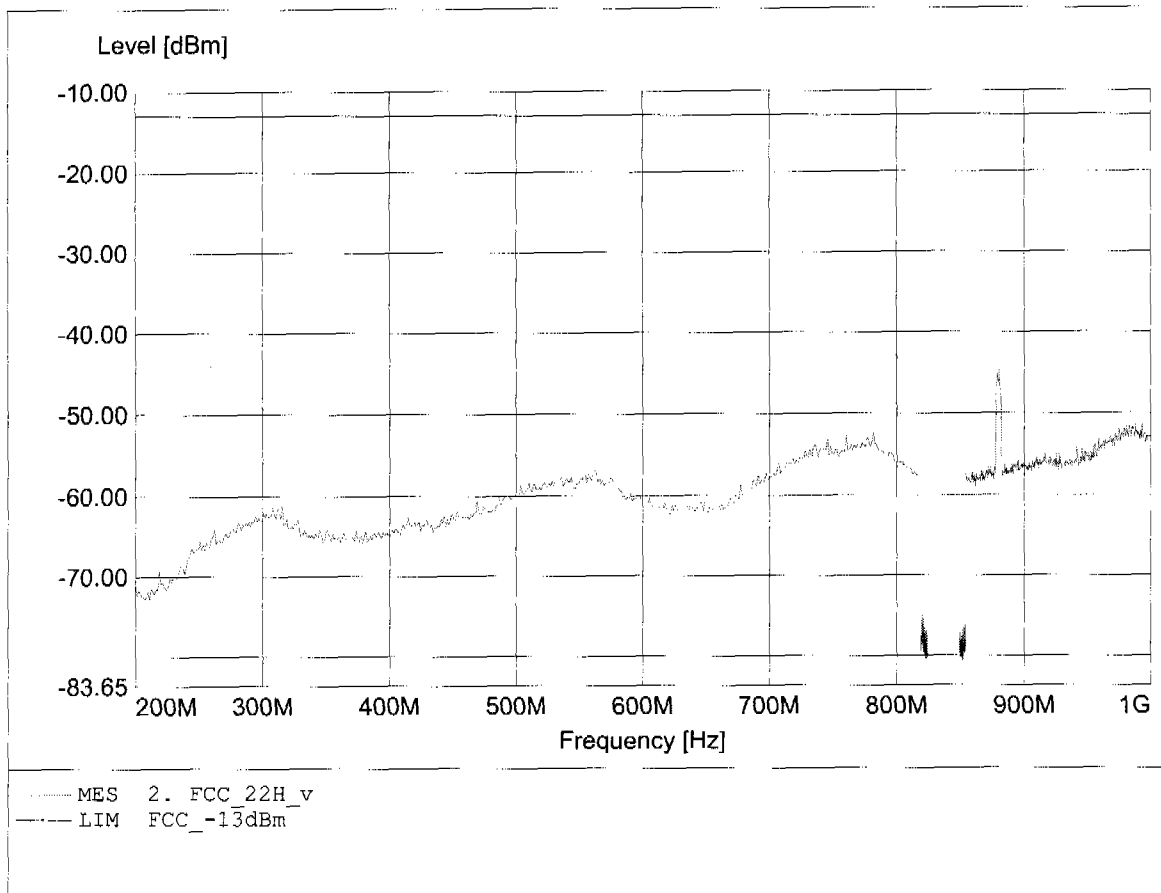
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 864.240MHz, Pmax: -31.72dBm, RBW: 100kHz



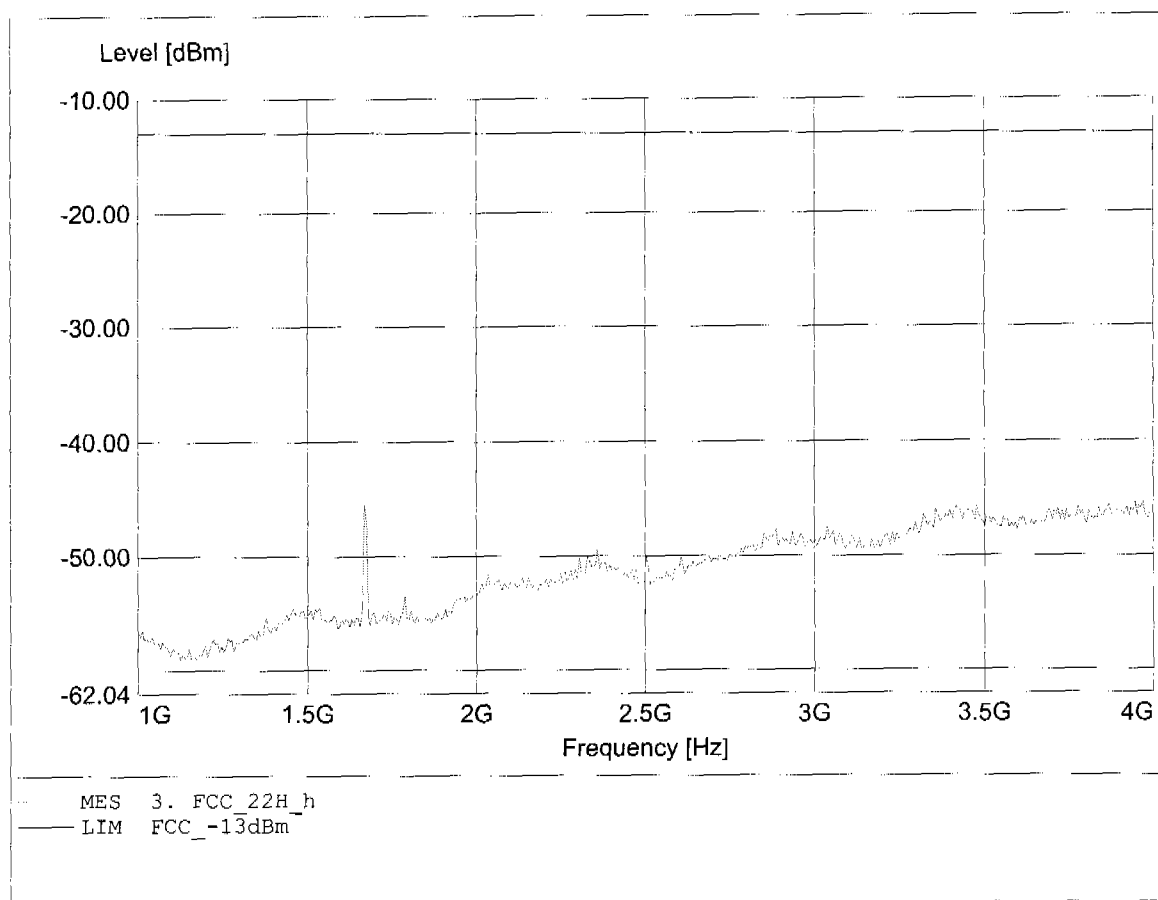
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 880.333MHz, Pmax: -44.80dBm, RBW: 100kHz



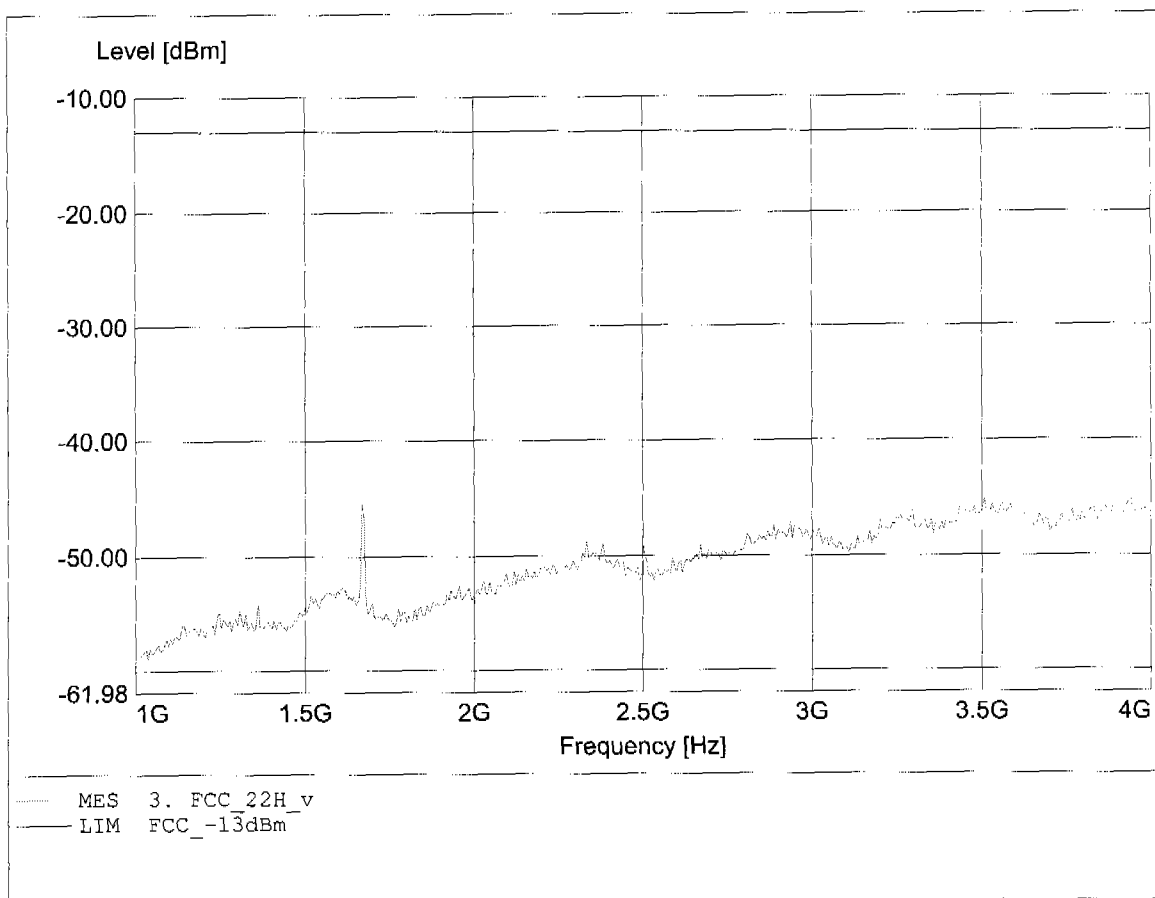
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.946GHz, Pmax: -45.16dBm, RBW: 1MHz



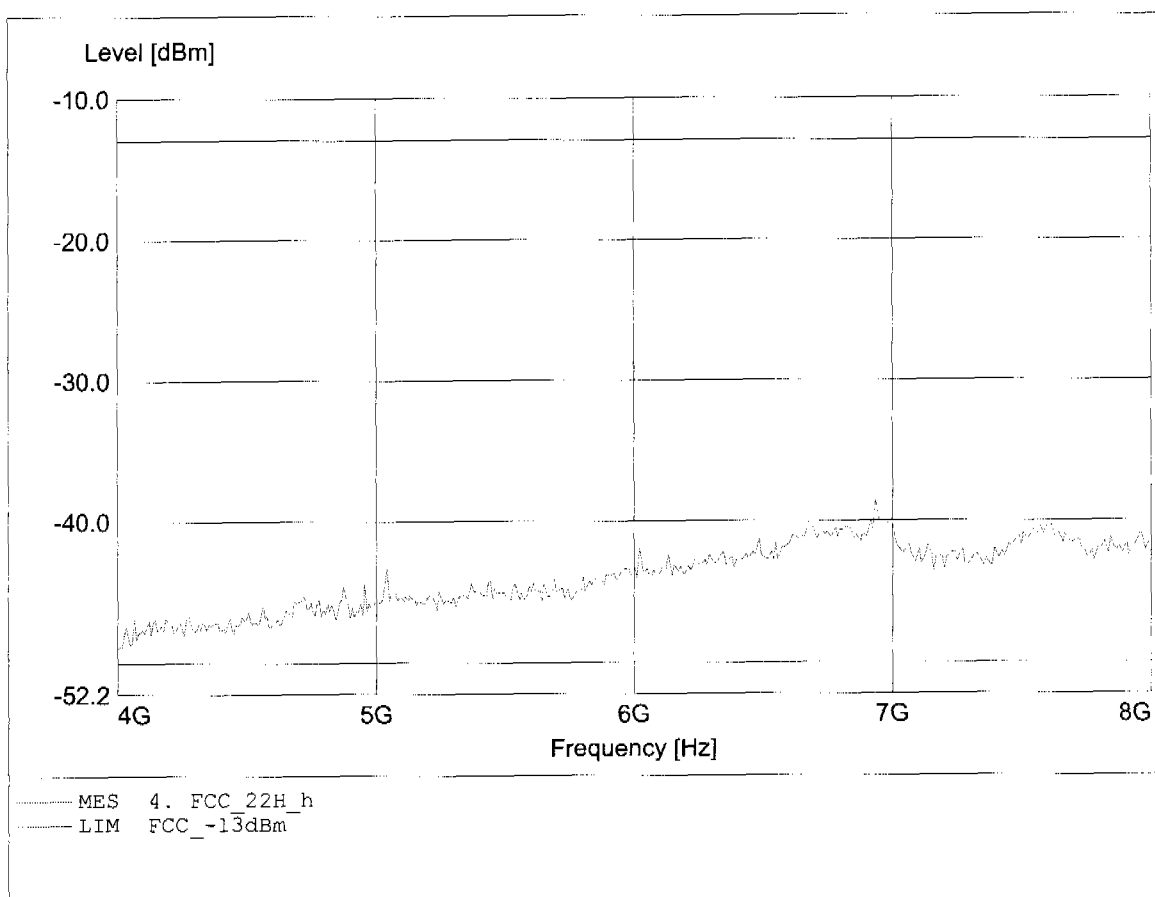
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.507GHz, Pmax: -45.06dBm, RBW: 1MHz



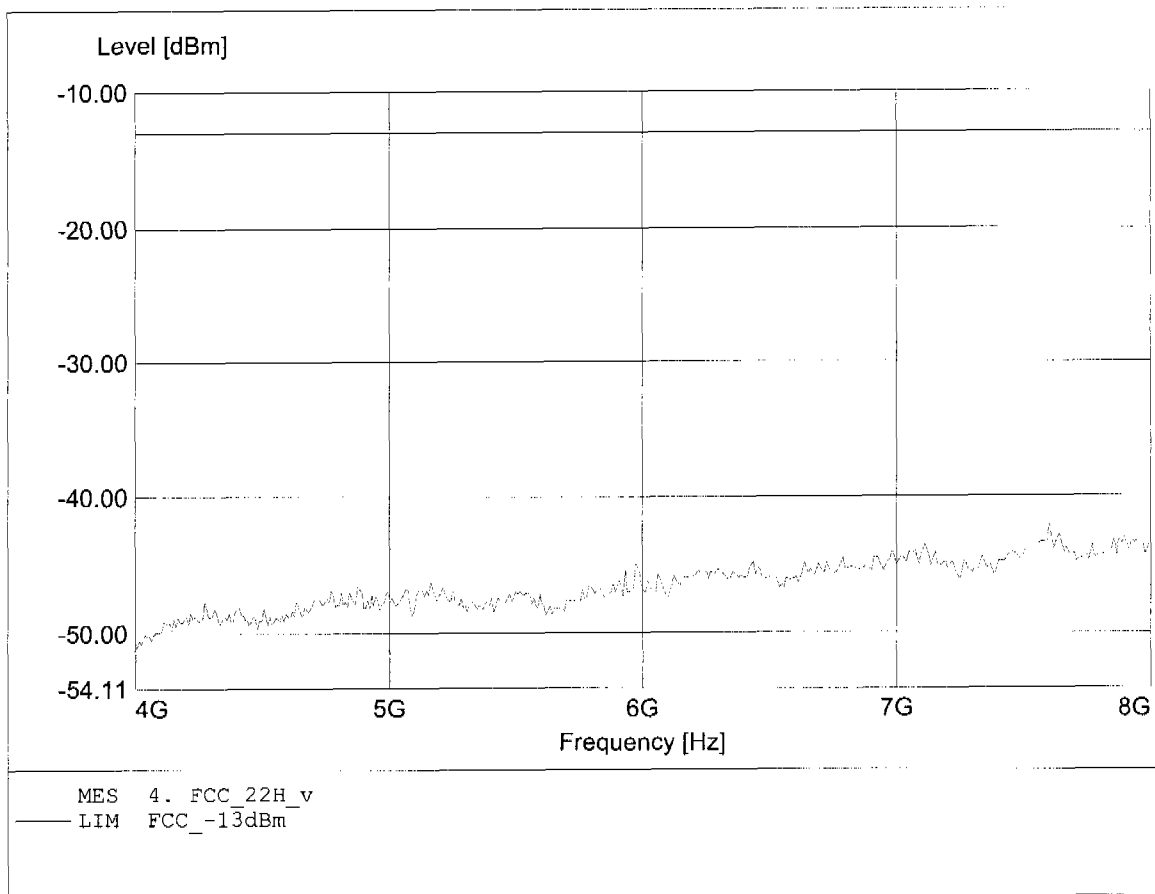
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.934GHz, Pmax: -38.57dBm, RBW: 1MRz



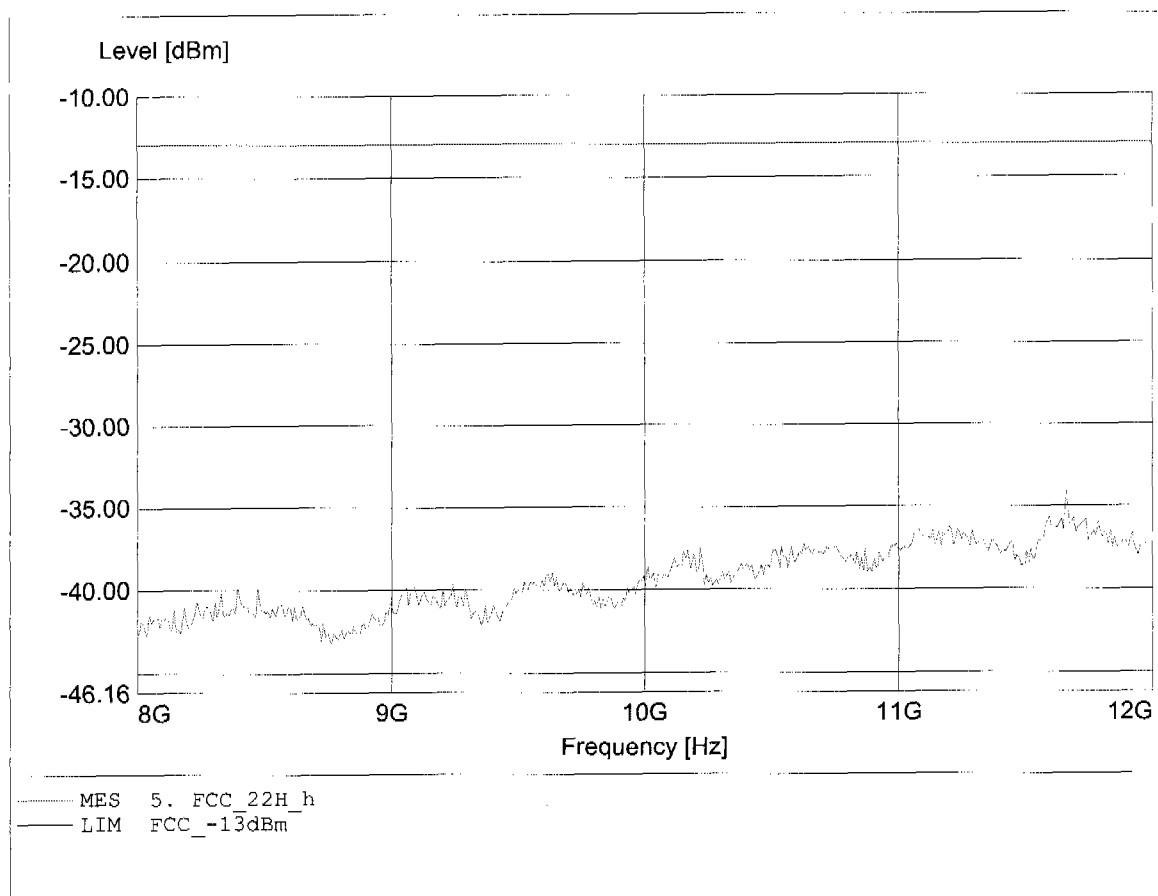
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.599GHz, Pmax: -41.95dBm, RBW: 1MHz



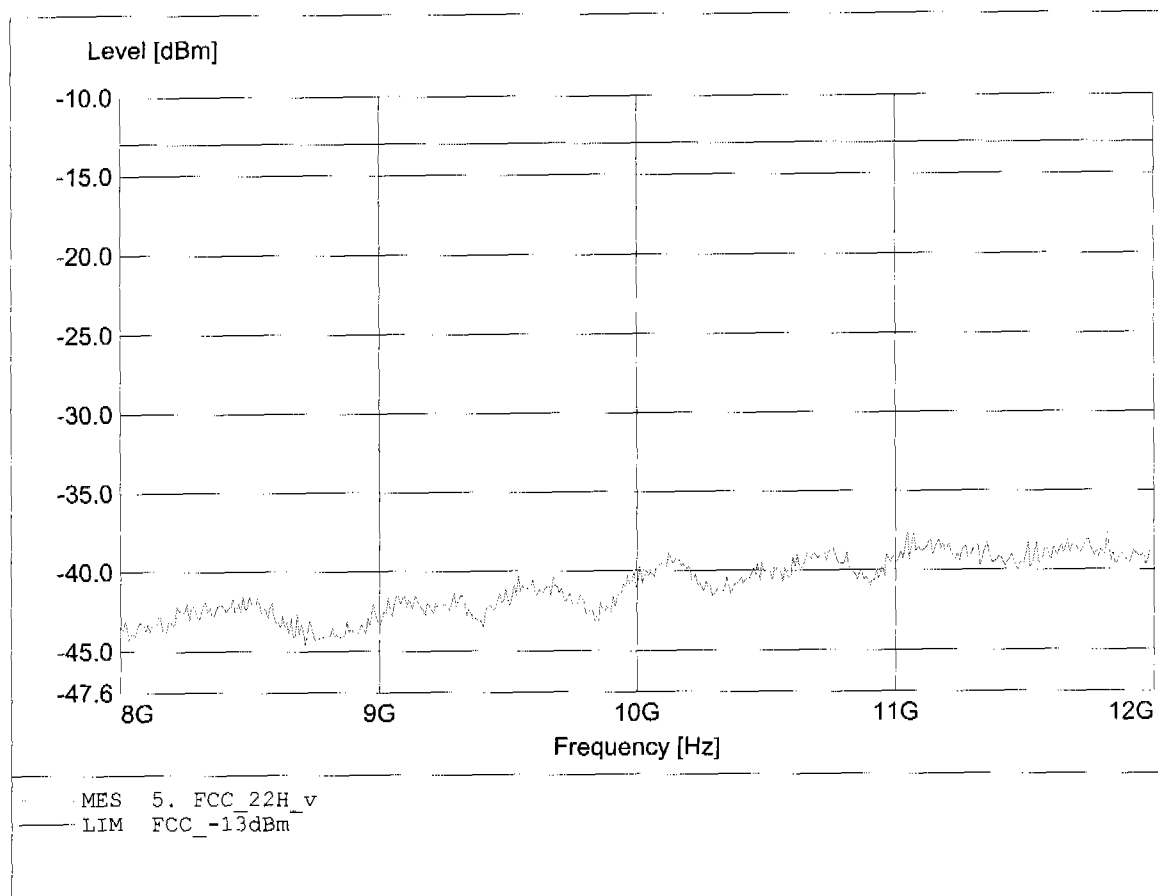
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.655GHz, Pmax: -34.05dBm, RBW: 1MHz



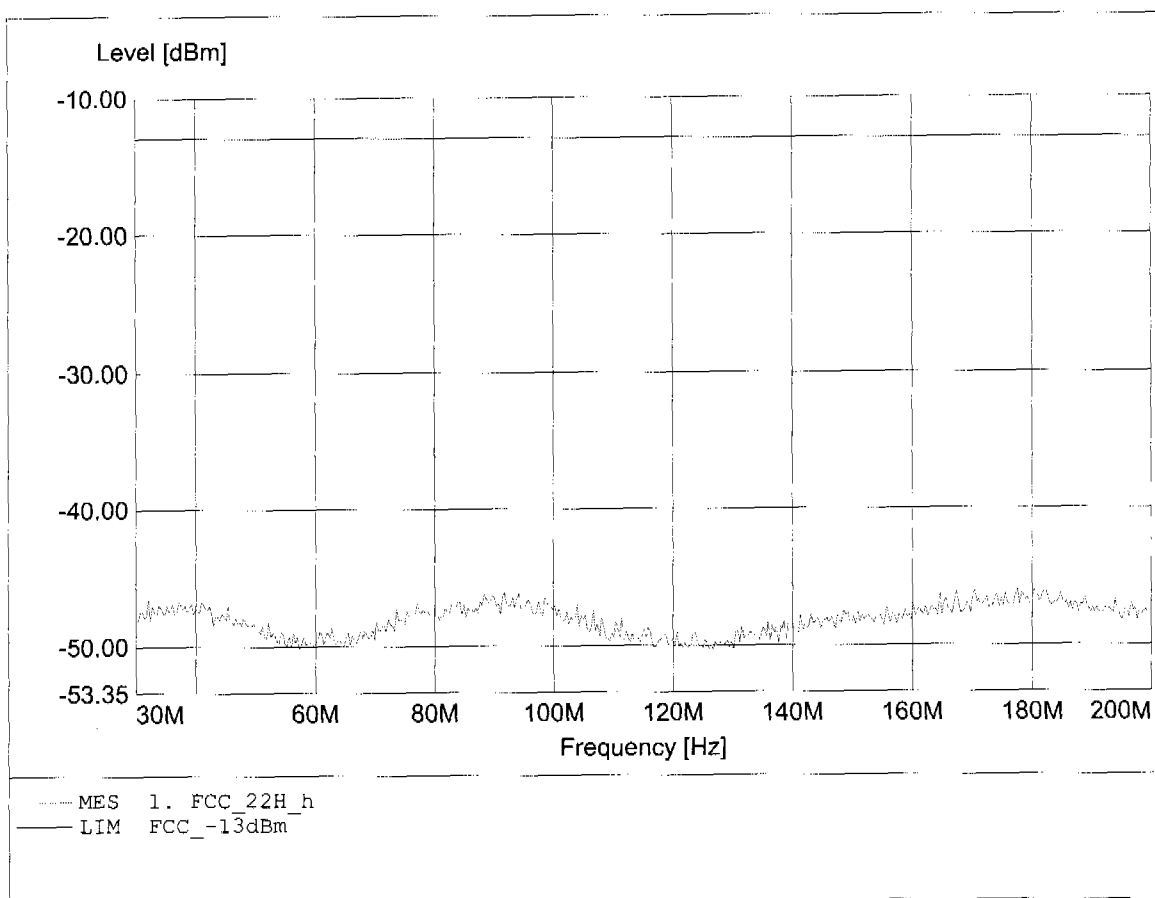
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4175
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.046GHz, Pmax: -37.54dBm, RBW: 1MHz



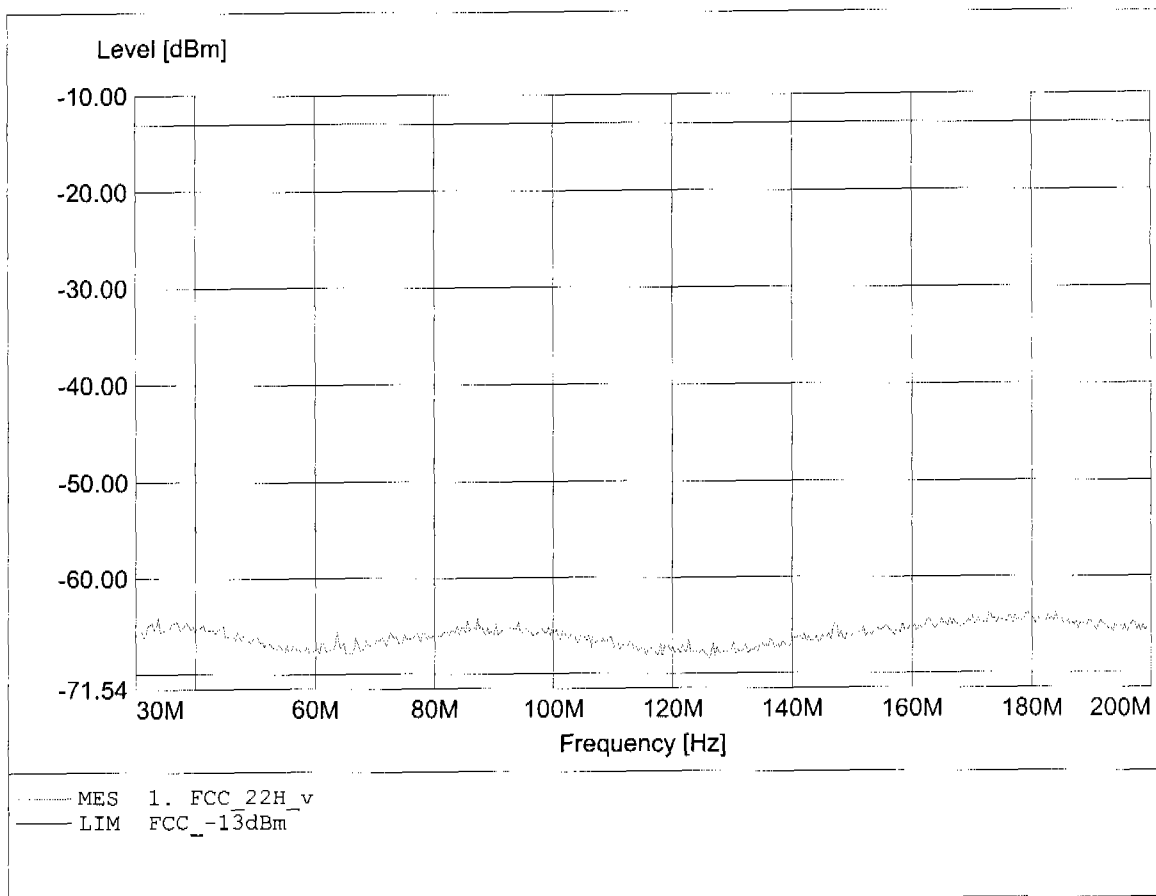
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 177.515MHz, Pmax: -45.98dBm, RBW: 100kHz



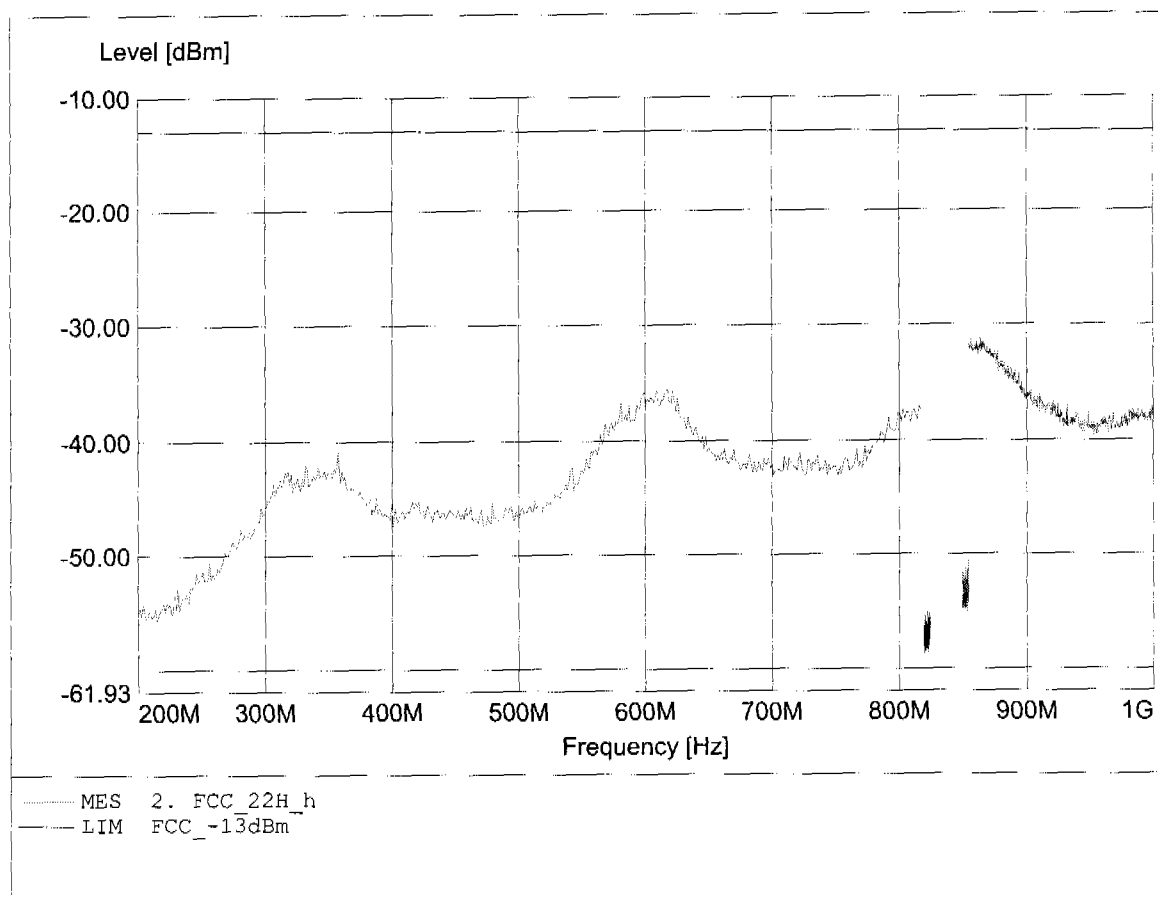
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 179.218MHz, Pmax: -63.59dBm, RBW: 100kHz



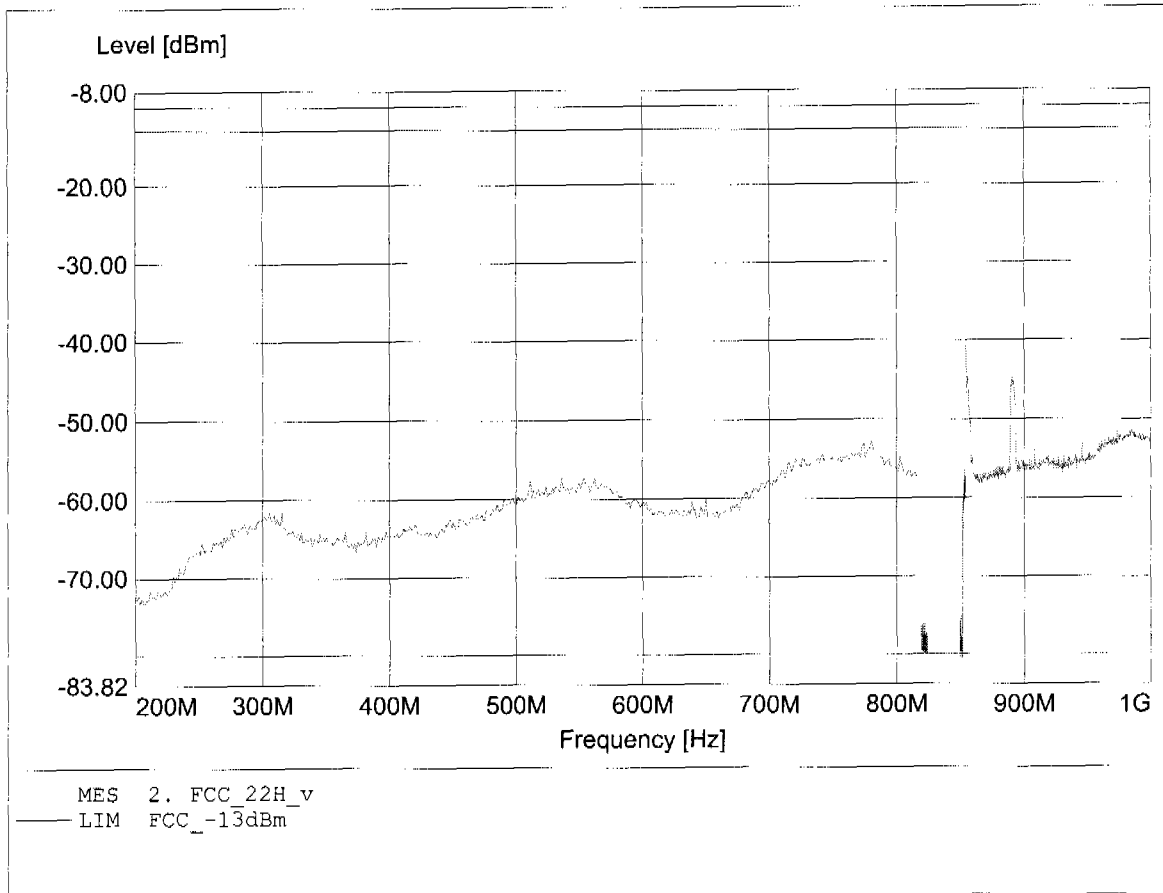
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 863.655MHz, Pmax: -31.19dBm, RBW: 100kHz



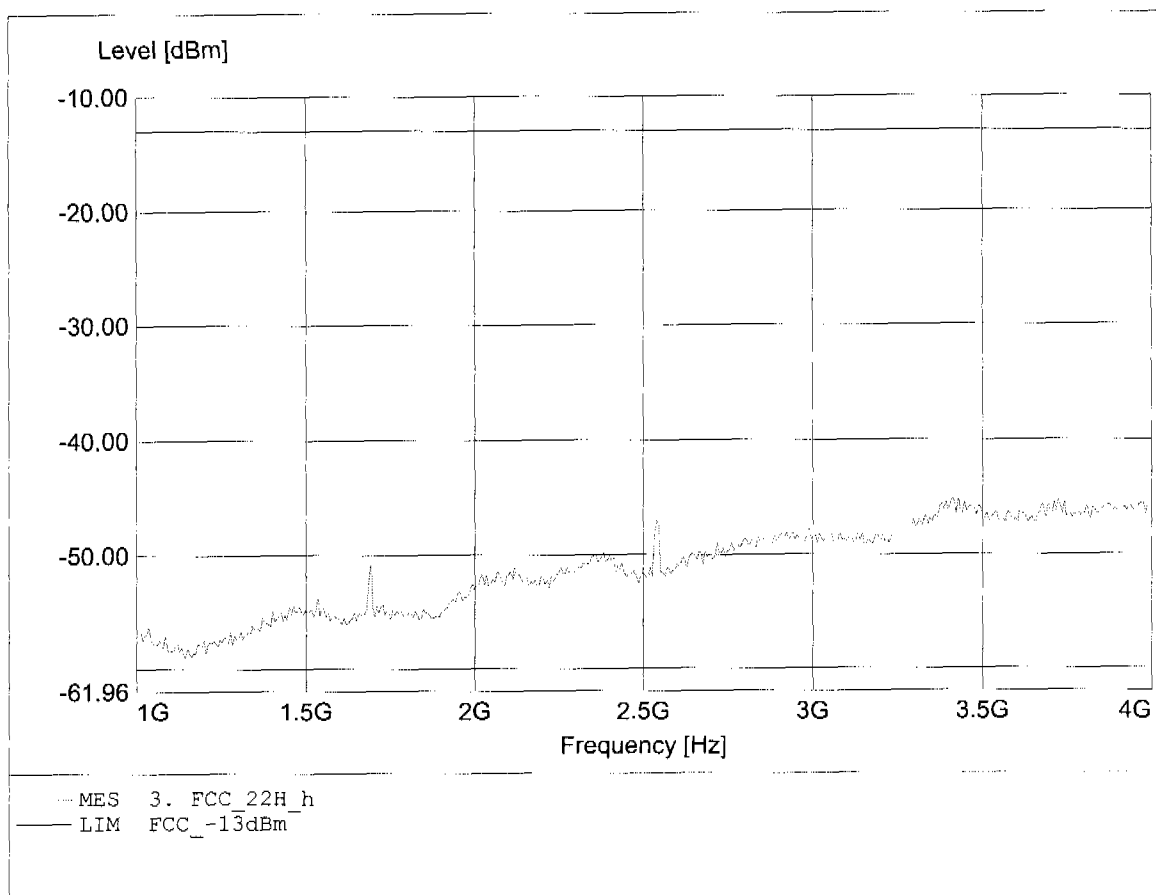
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 854.000MHz, Pmax: -40.68dBm, RBW: 100kHz



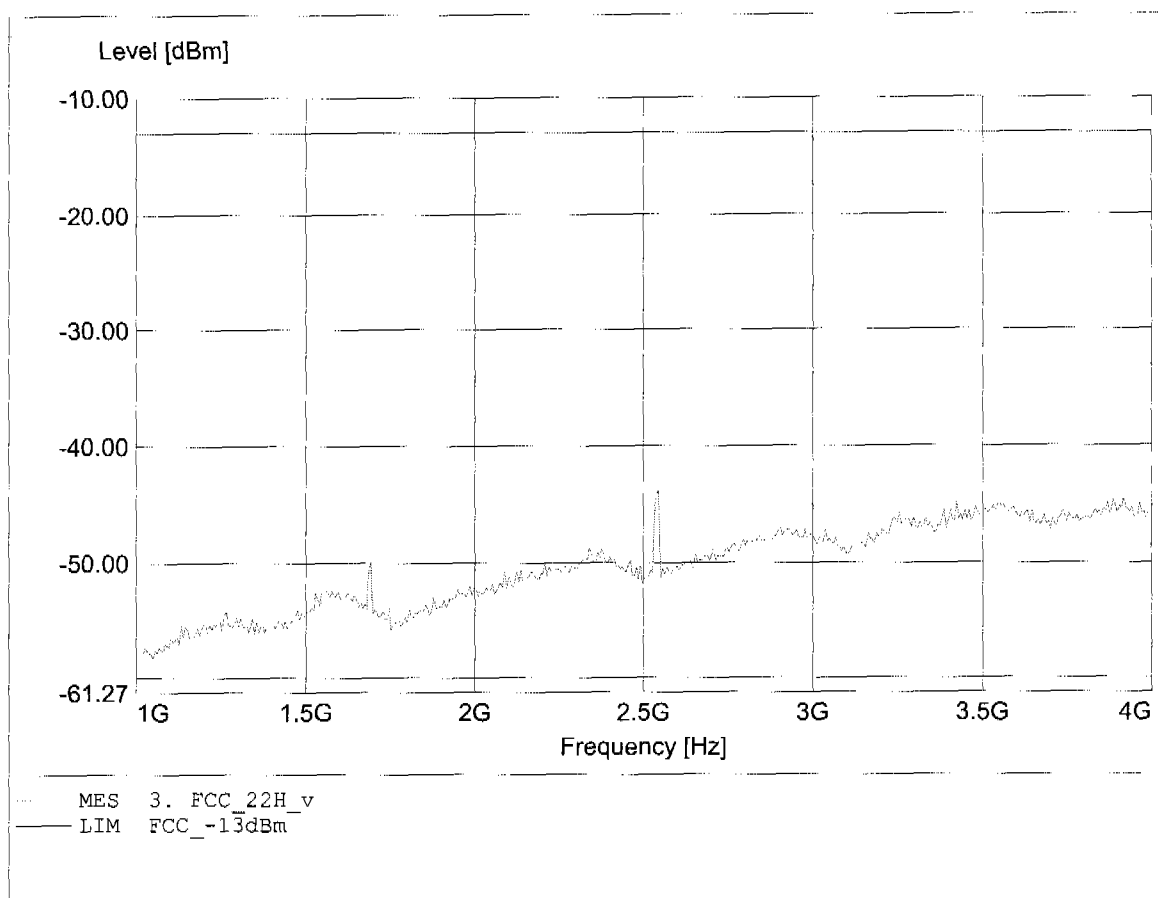
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.429GHz, Pmax: -45.09dBm, RBW: 1MHz



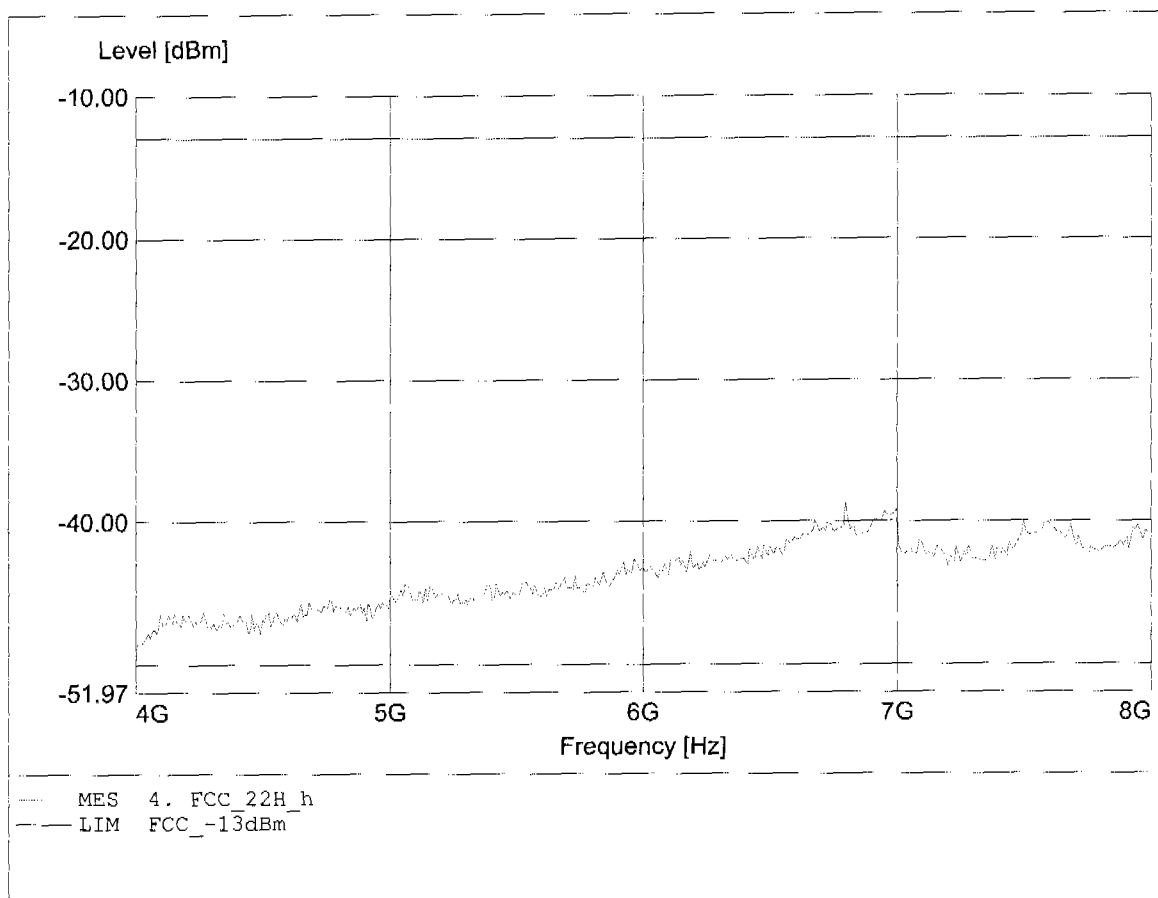
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.545GHz, Pmax: -43.84dBm, RBW: 1MHz



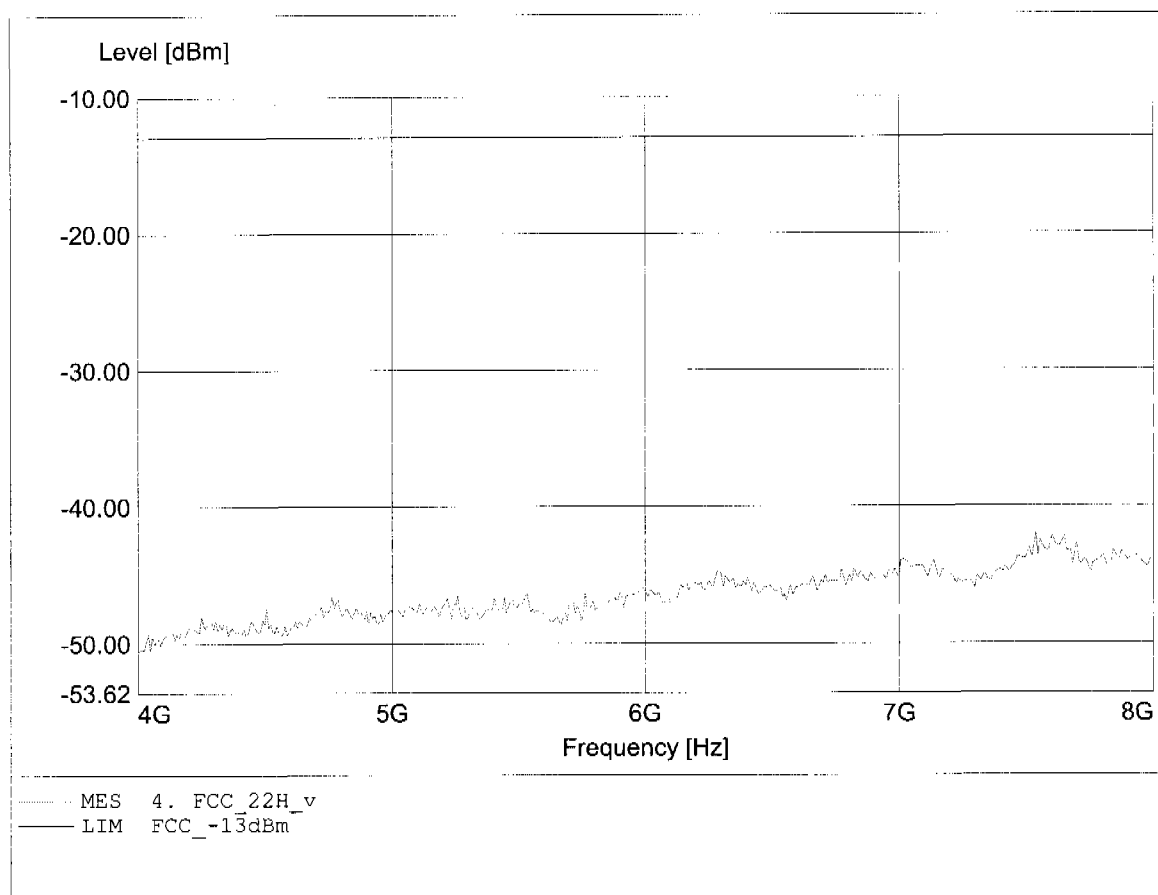
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.798GHz, Pmax: -38.69dBm, RBW: 1MHz



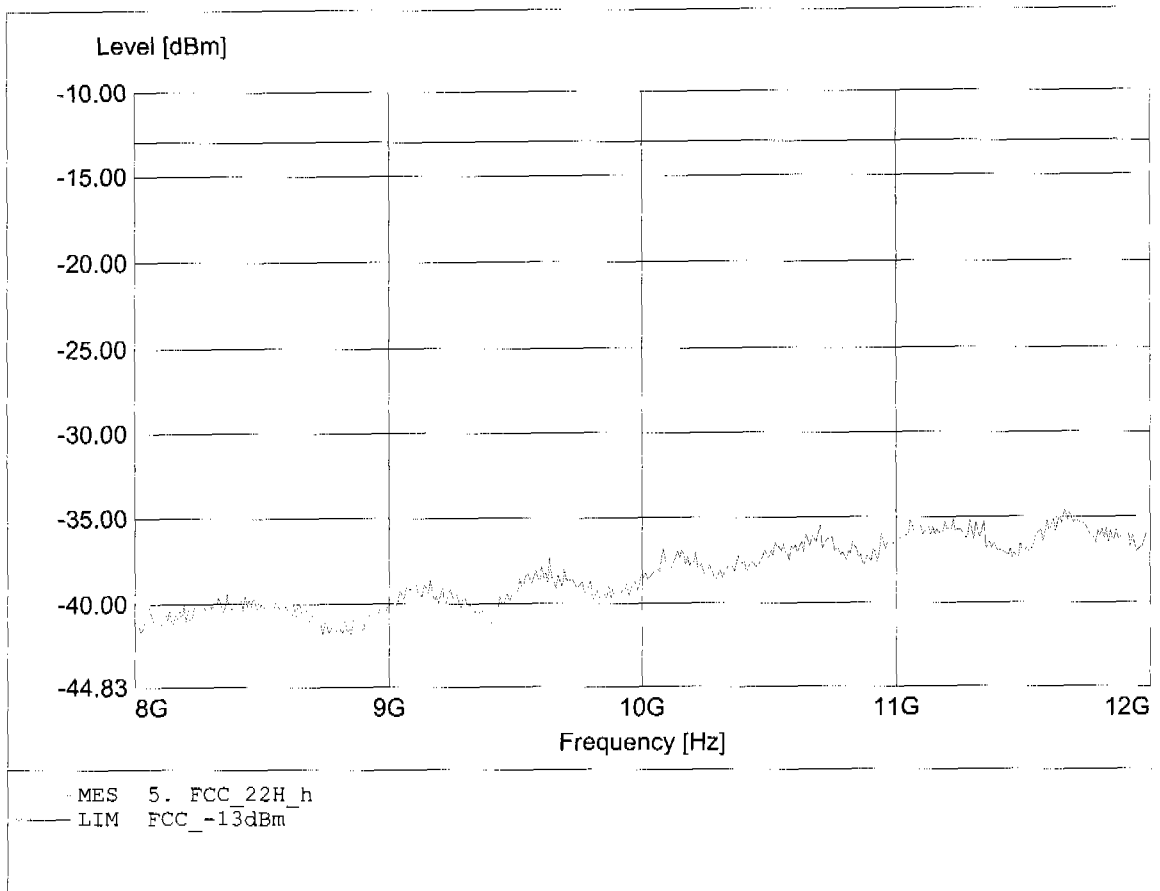
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.535GHz, Pmax: -42.01dBm, RBW: 1MHz



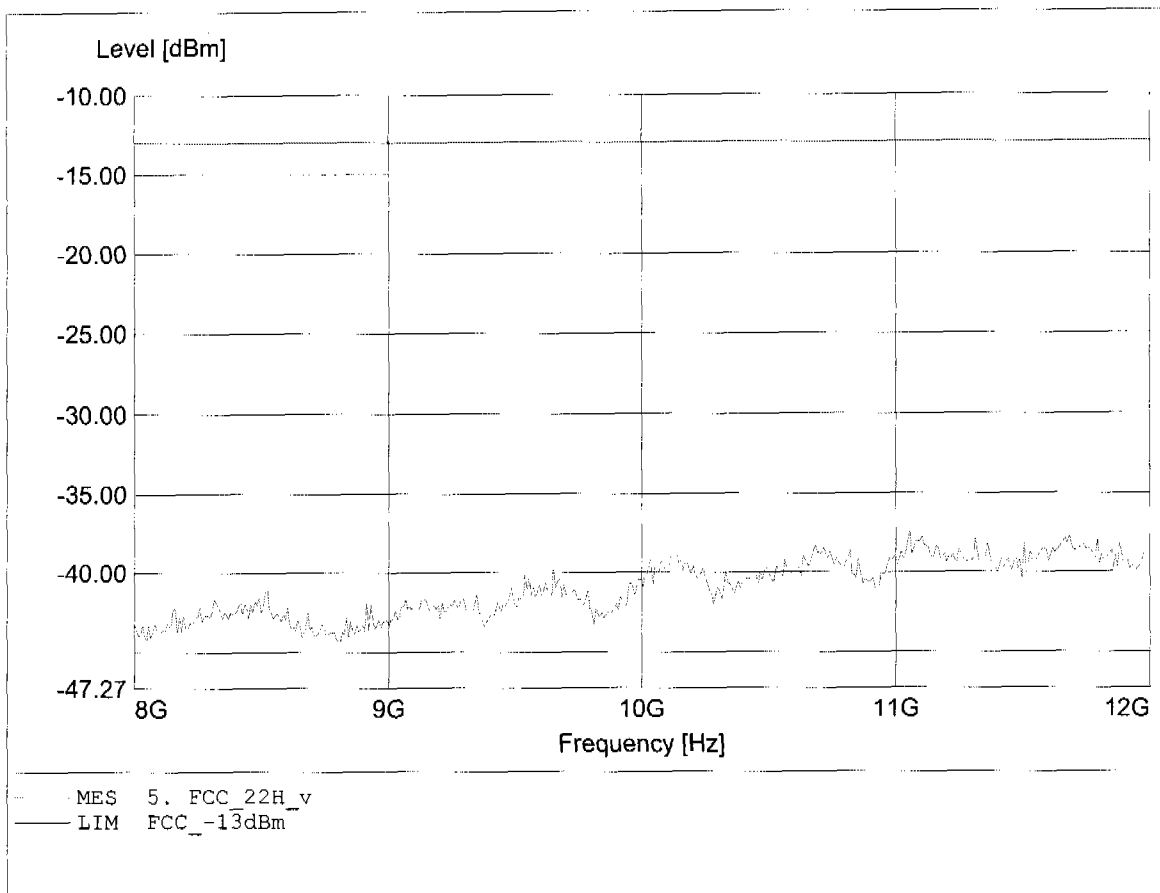
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.663GHz, Pmax: -34.62dBm, RBW: 1MHz



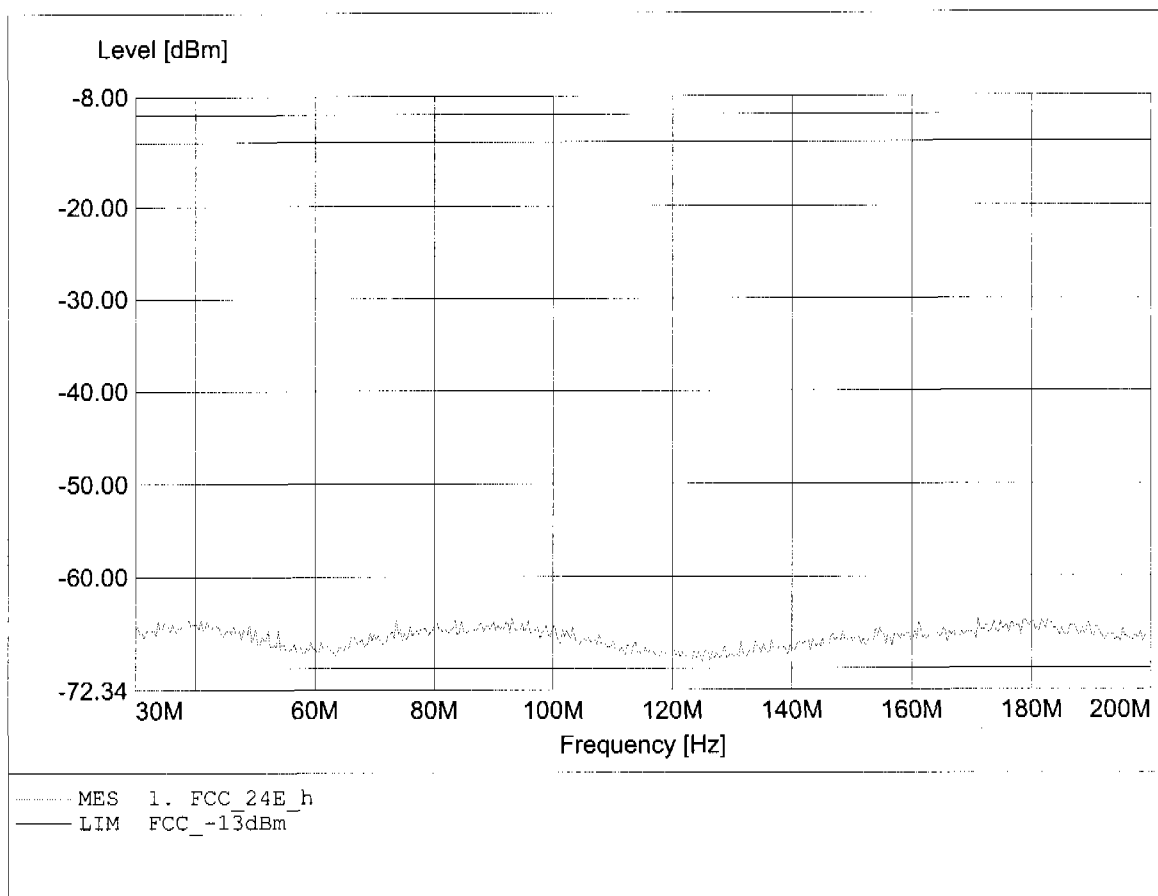
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 4232
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.054GHz, Pmax: -37.32dBm, RBW: 1MHz



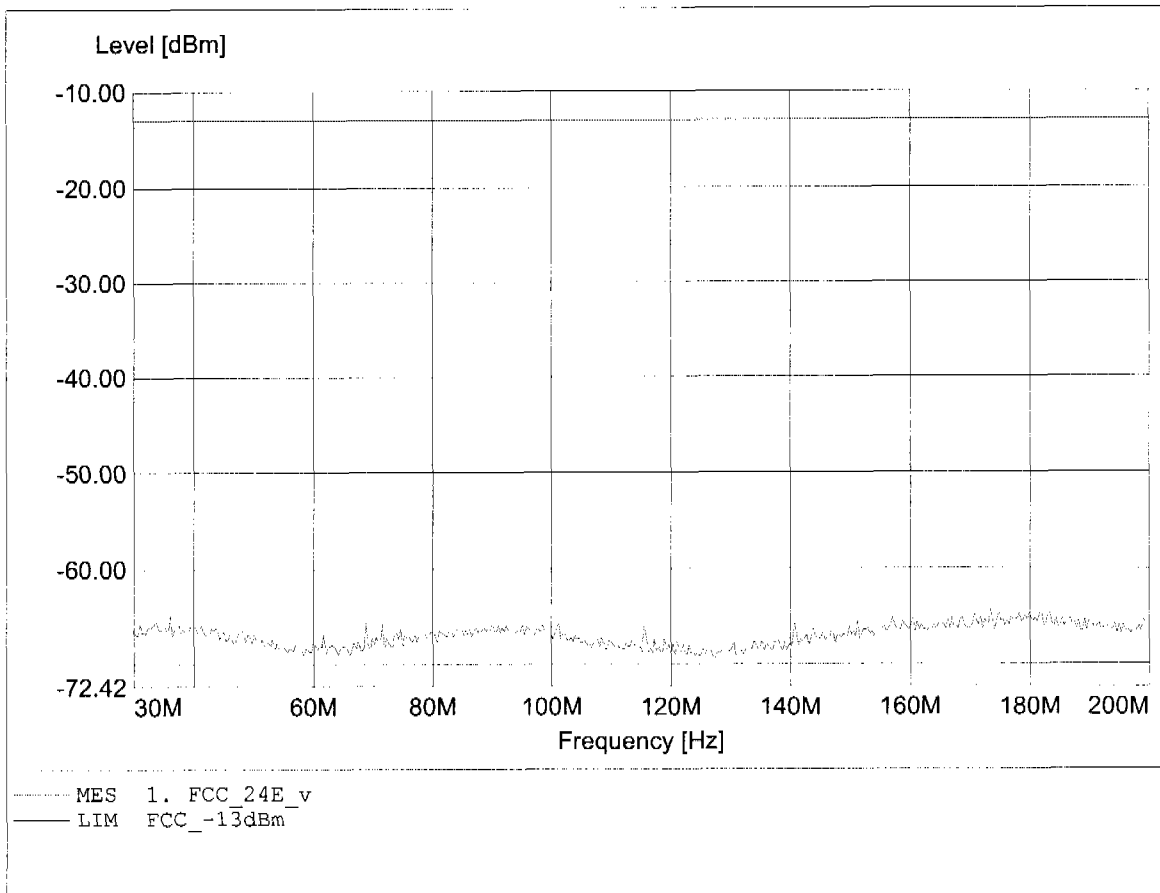
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 93.026MHz, Pmax: -64.44dBm, RBW: 100kHz



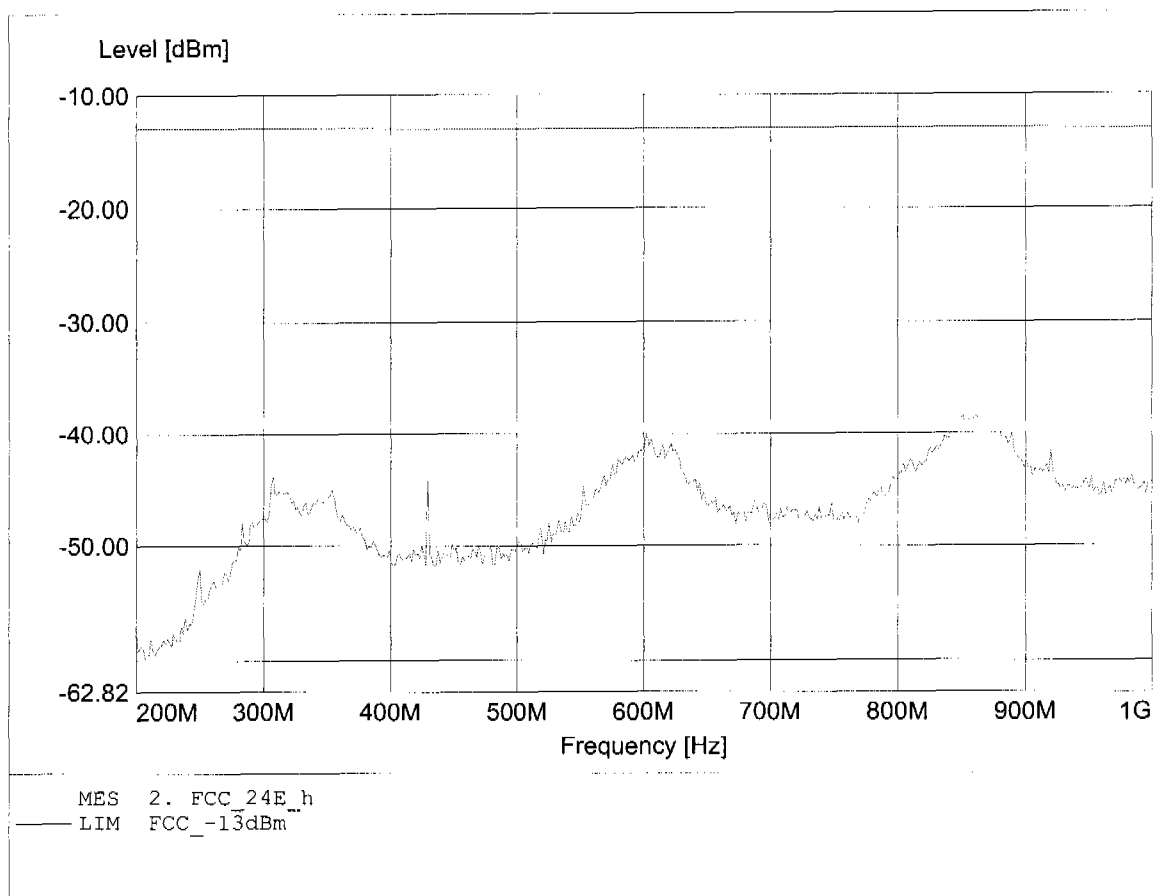
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 173.427MHz, Pmax: -64.24dBm, RBW: 100kHz



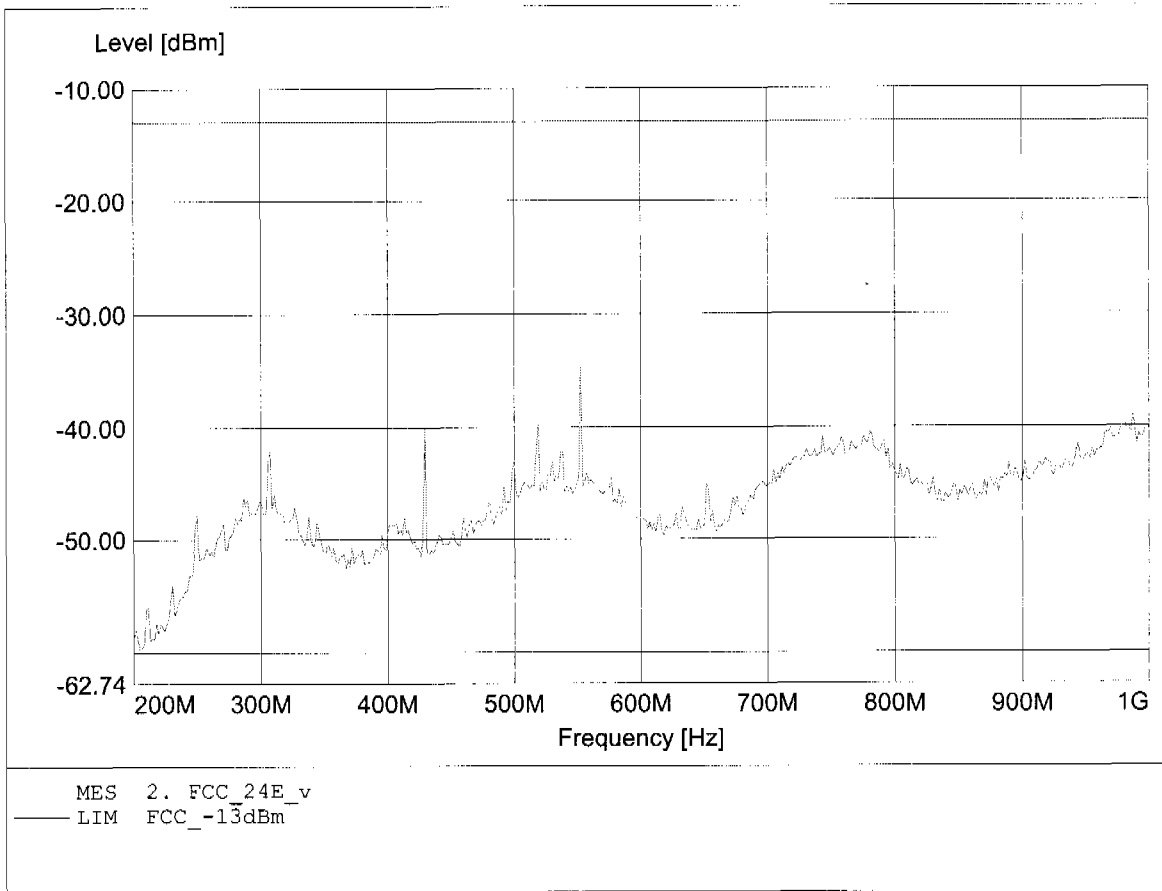
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 850.902MHz, Pmax: -38.28dBm, RBW: 100kHz



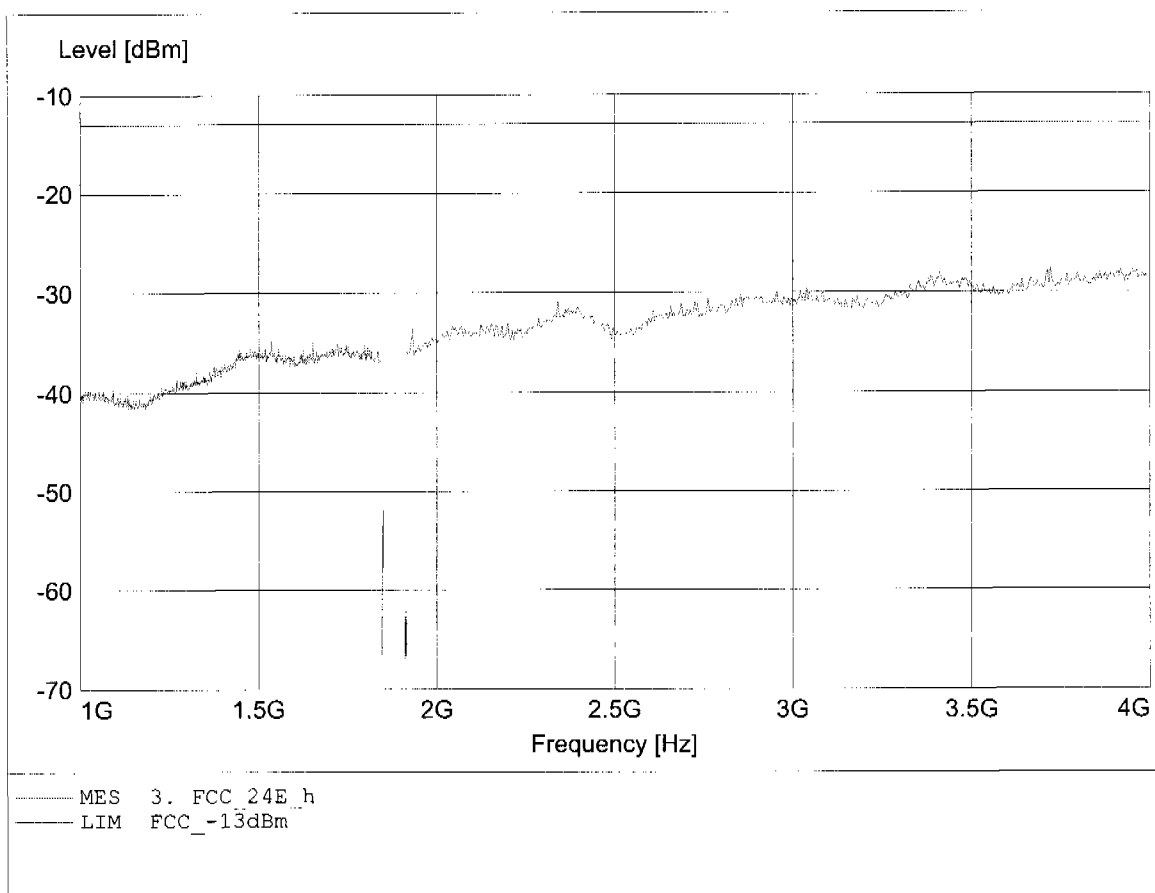
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 552.705MHz, Pmax: -34.58dBm, RBW: 100kHz



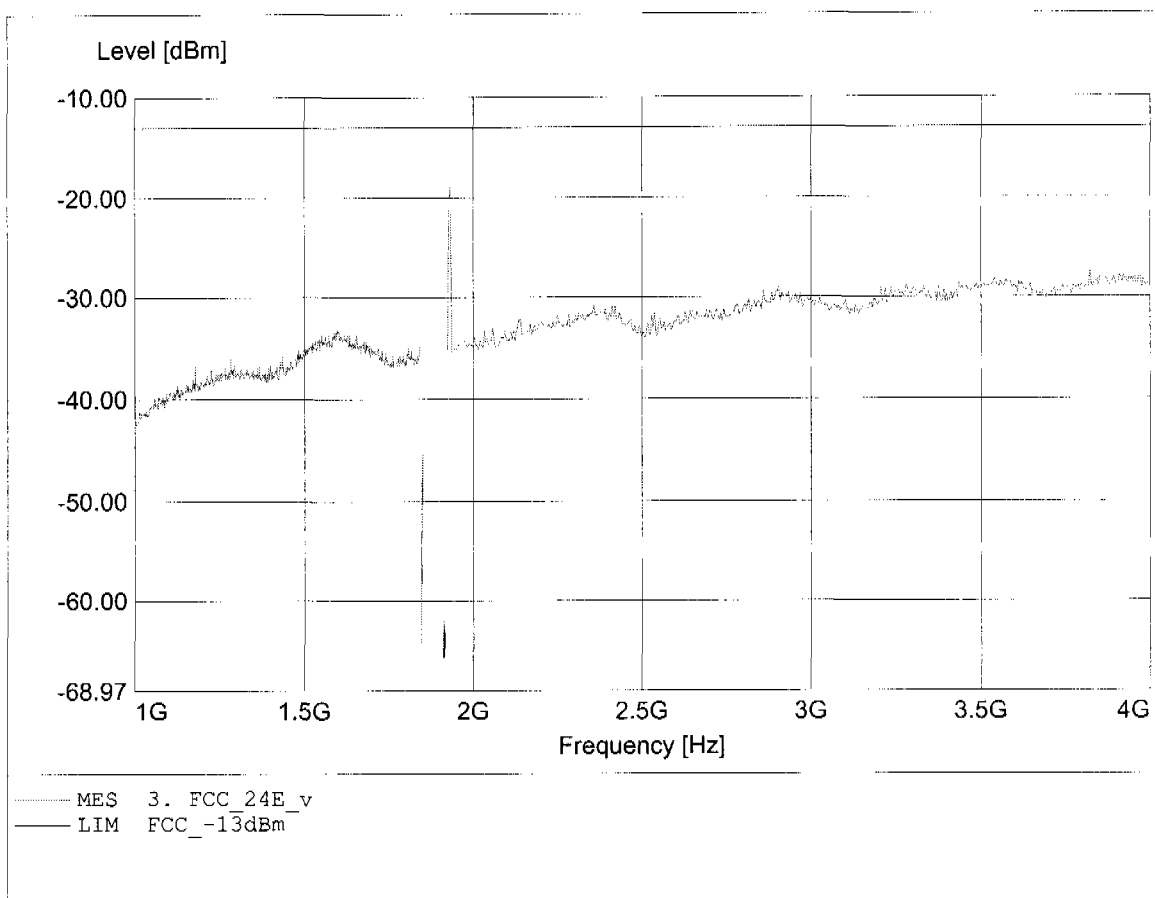
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.720GHz, Pmax: -27.70dBm, RBW: 1MHz/3kHz



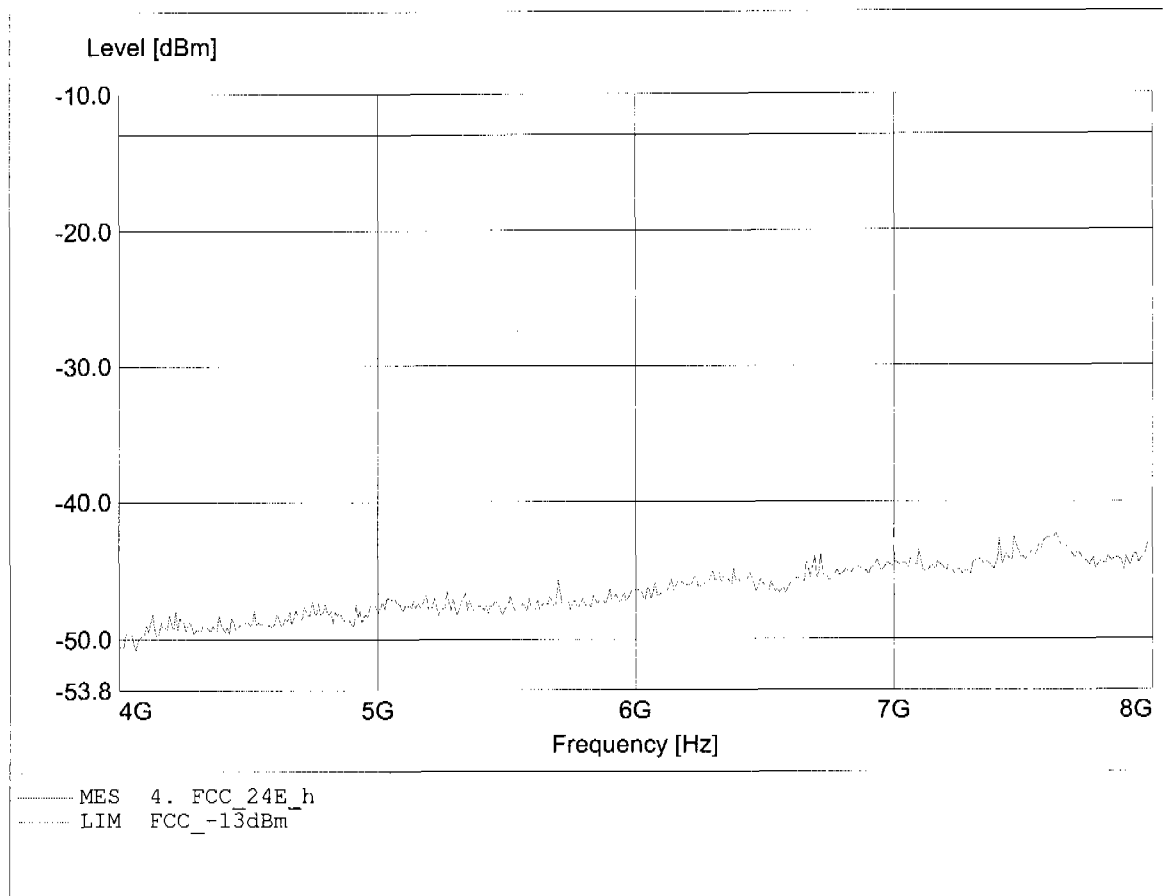
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.932GHz, Pmax: -18.80dBm, RBW: 1MHz/3kHz



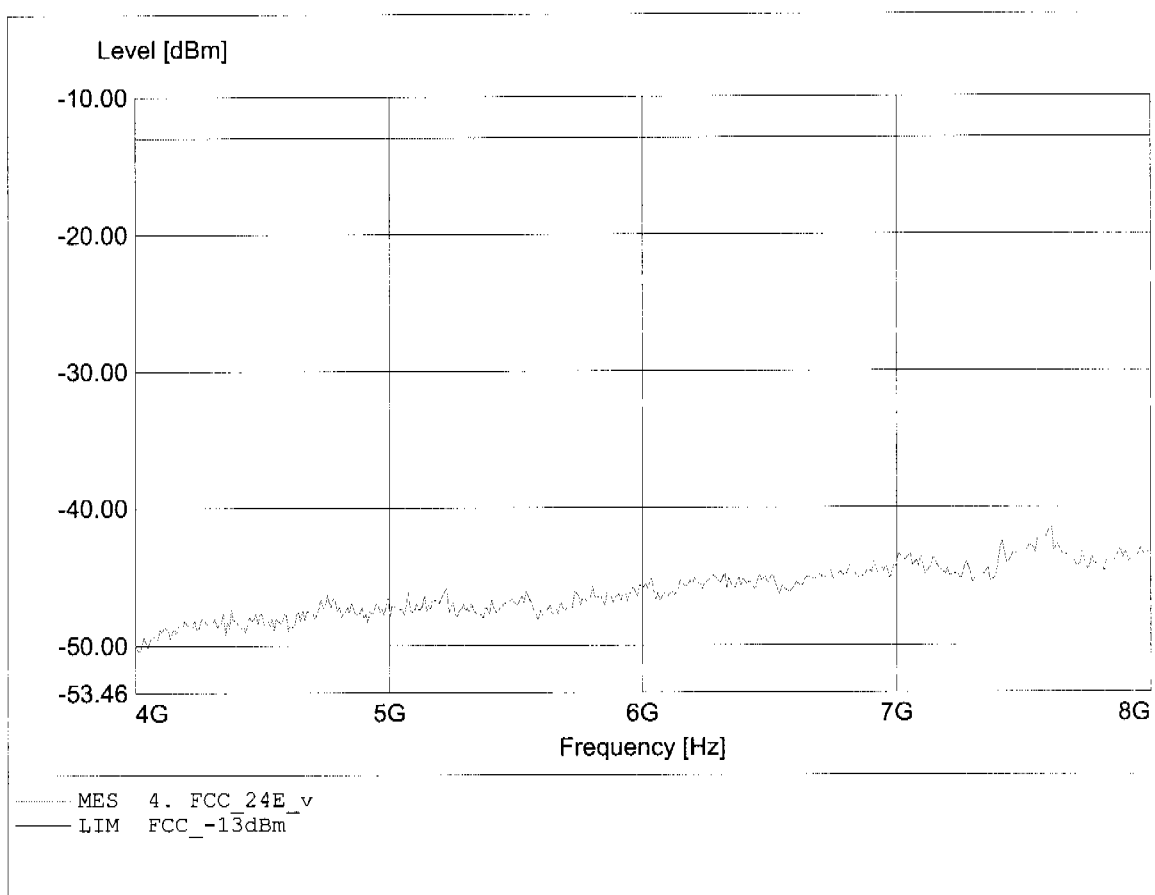
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.623GHz, Pmax: -42.25dBm, RBW: 1MHz



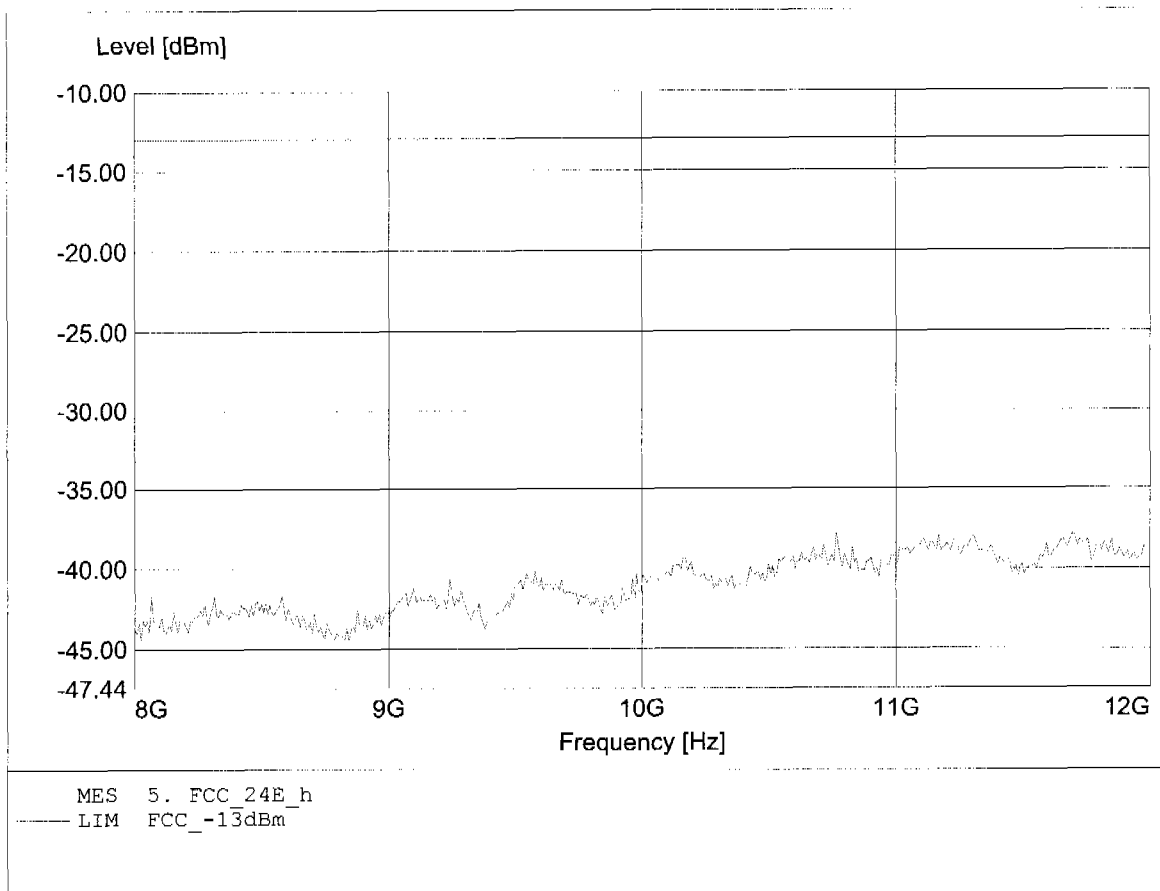
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.607GHz, Pmax: -41.46dBm, RBW: 1MHz



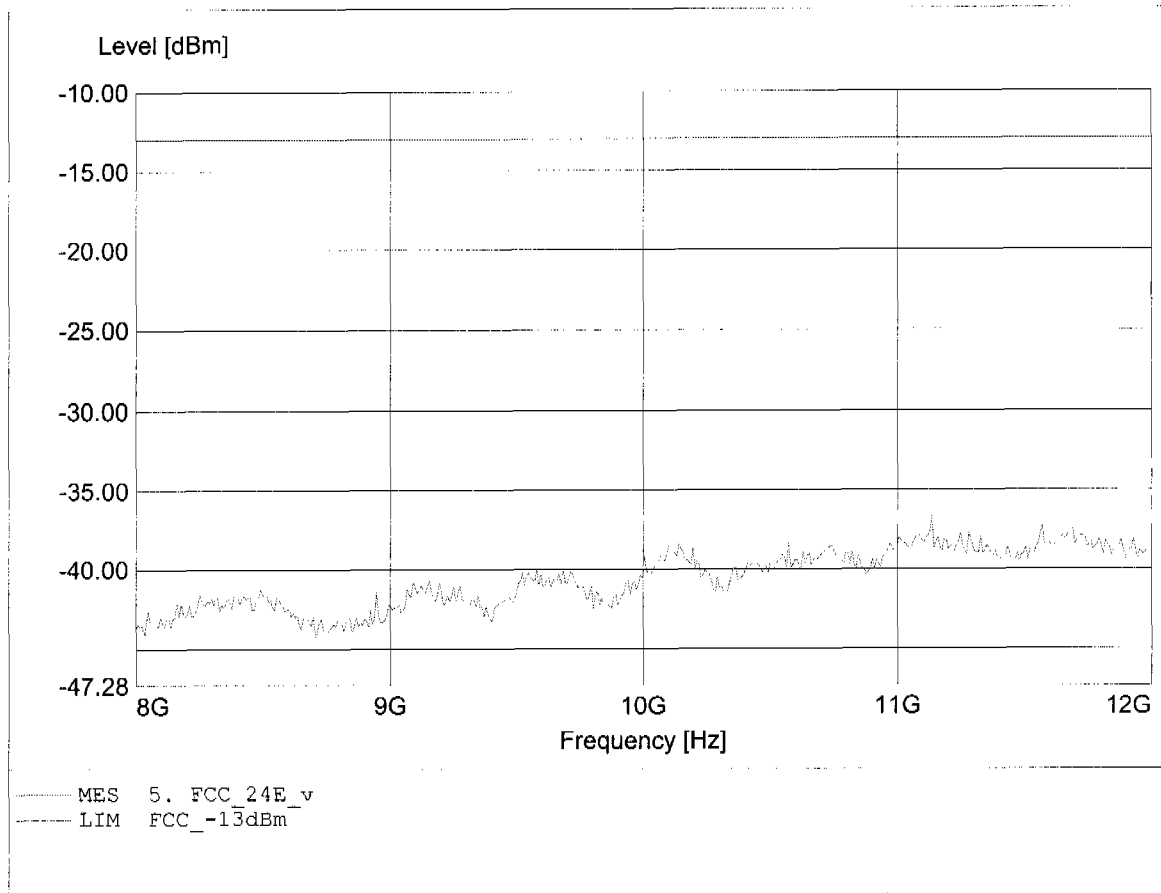
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.766GHz, Pmax: -37.74dBm, RBW: 1MHz



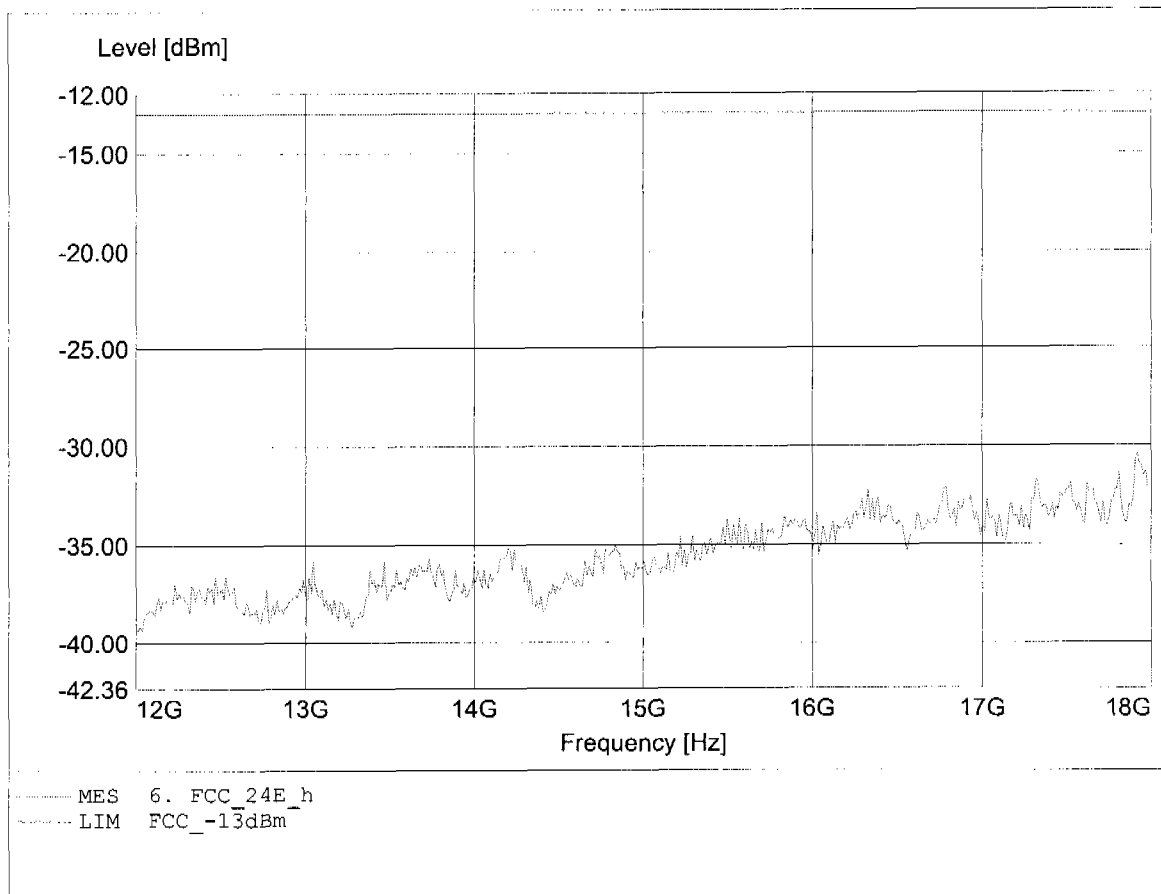
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.134GHz, Pmax: -36.69dBm, RBW: 1MHz



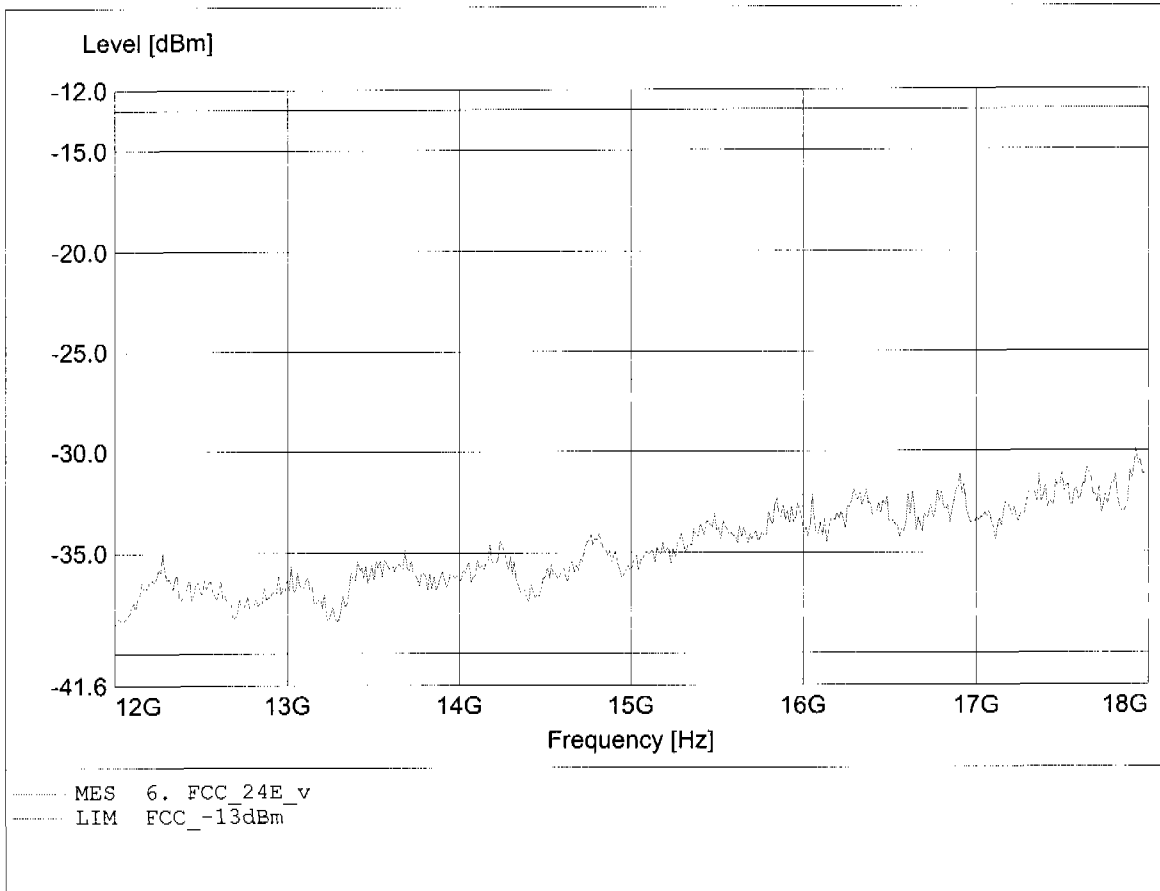
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.916GHz, Pmax: -30.43dBm, RBW: 1MHz



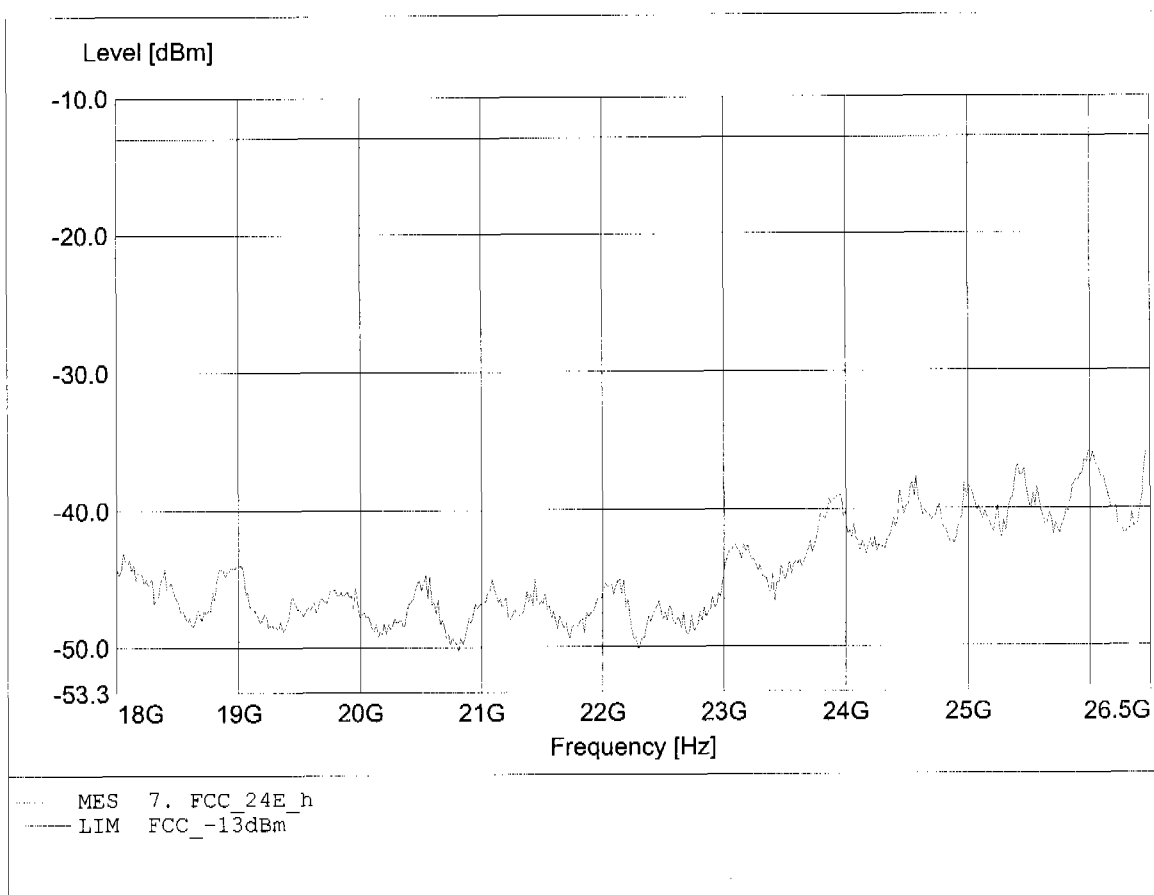
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.928GHz, Pmax: -29.90dBm, RBW: 1MHz



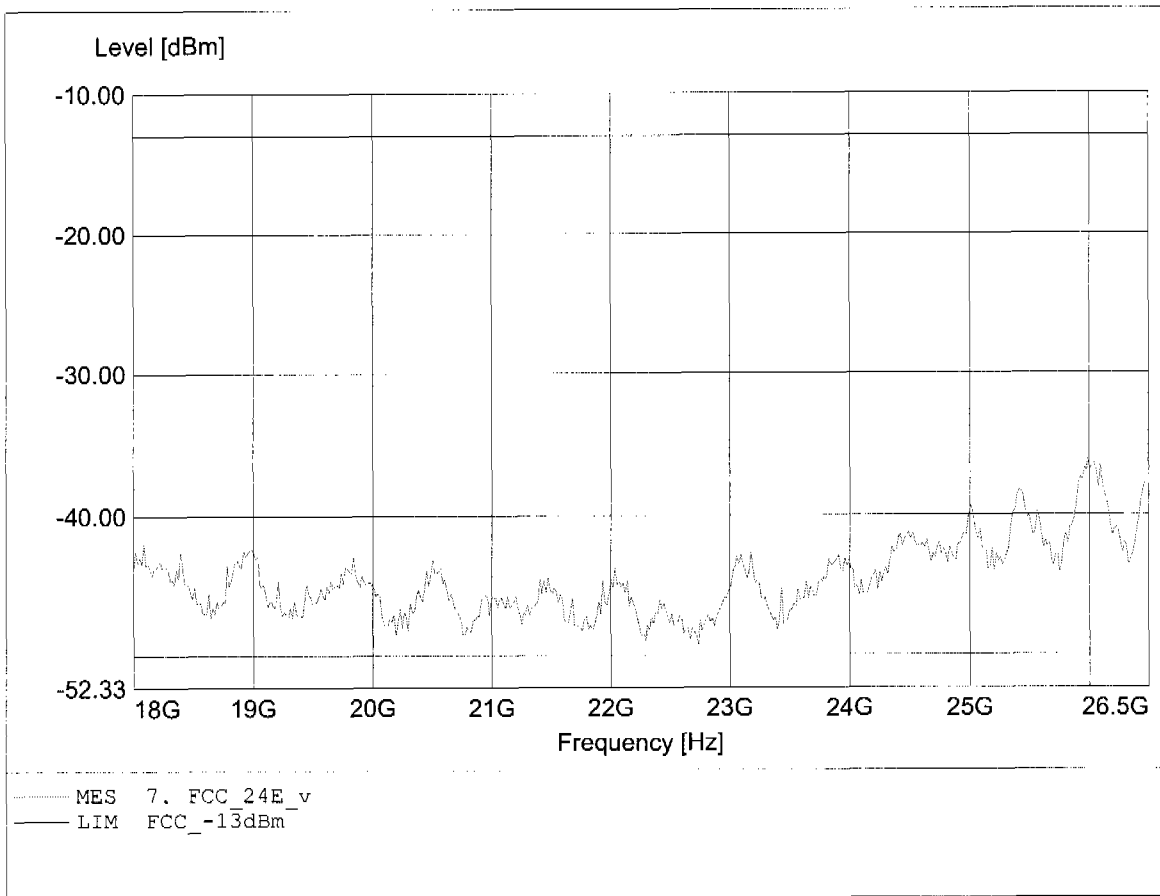
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Pmax: -35.78dBm, RBW: 1MHz



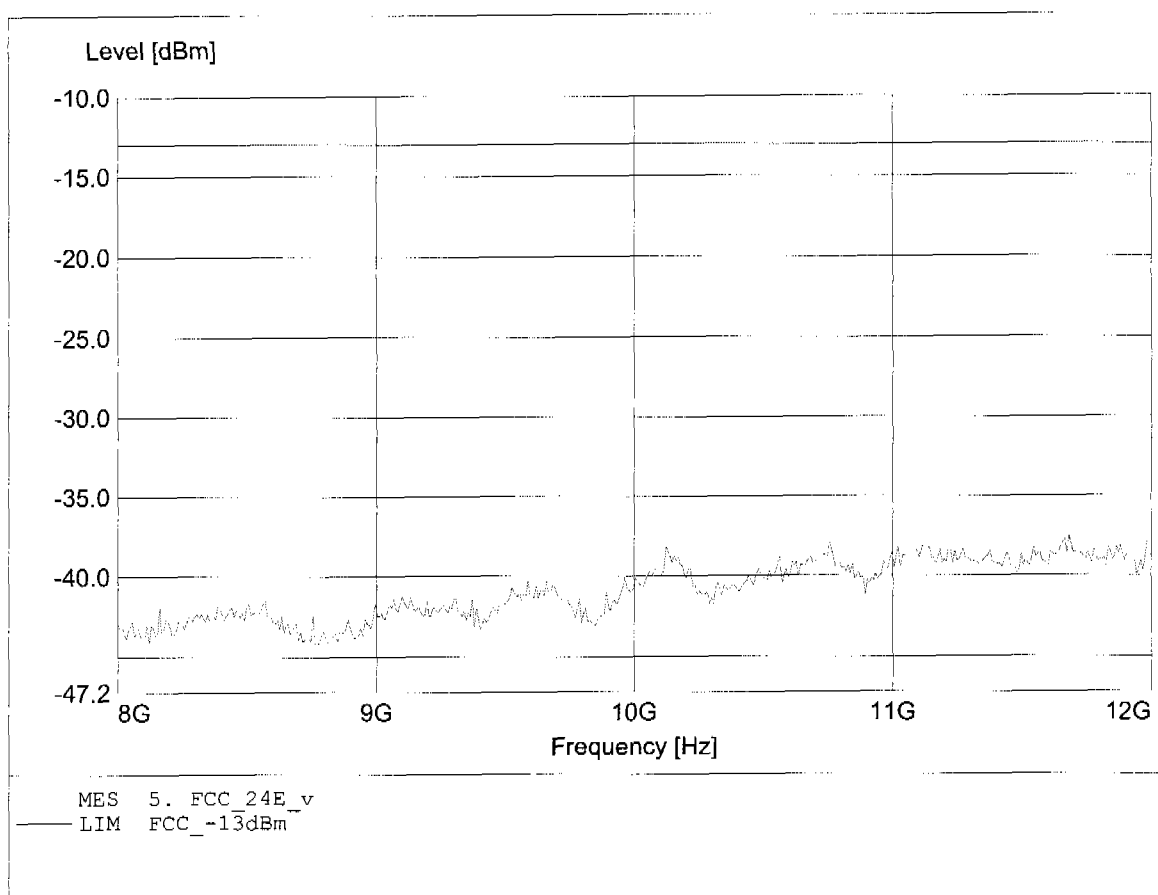
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9263
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Pmax: -36.09dBm, RBW: 1MHz



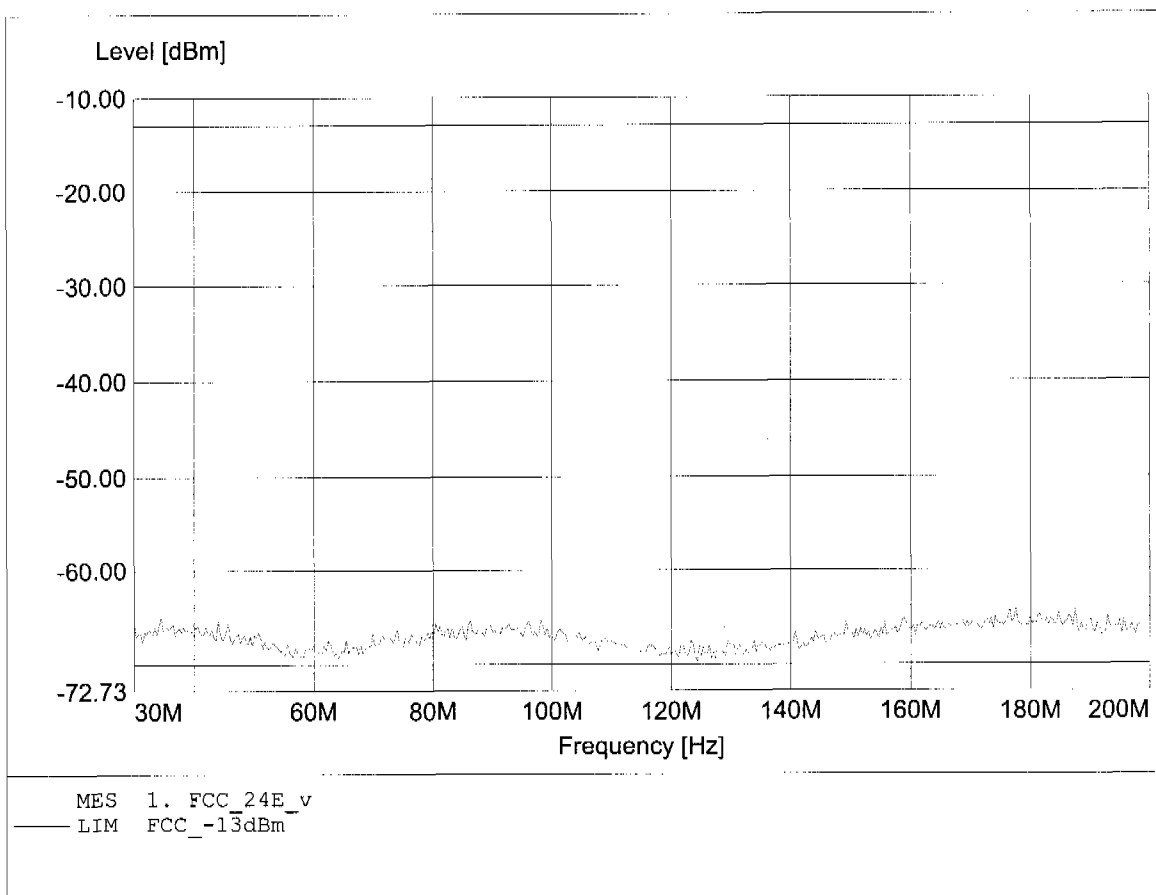
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.679GHz, Pmax: -37.51dBm, RBW: 1MHz



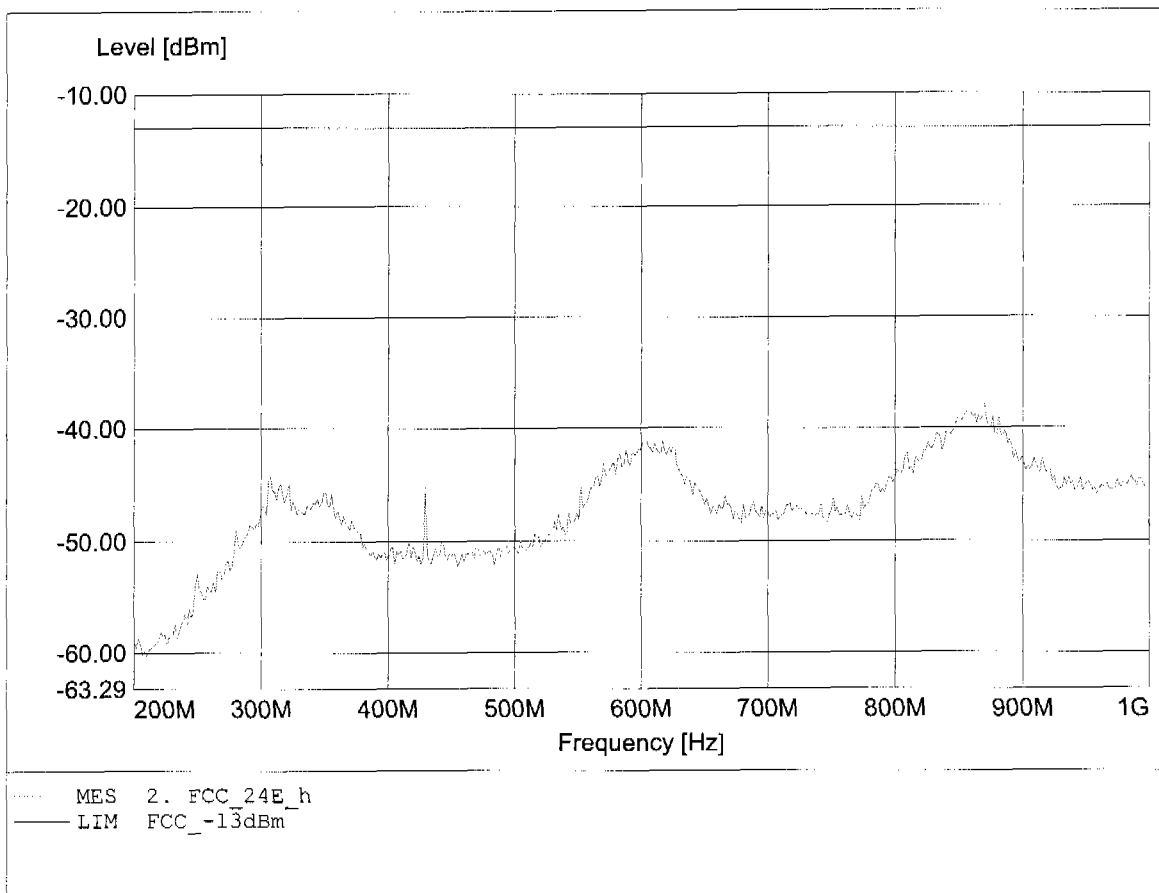
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 187.395MHz, Pmax: -64.10dBm, RBW: 100kHz



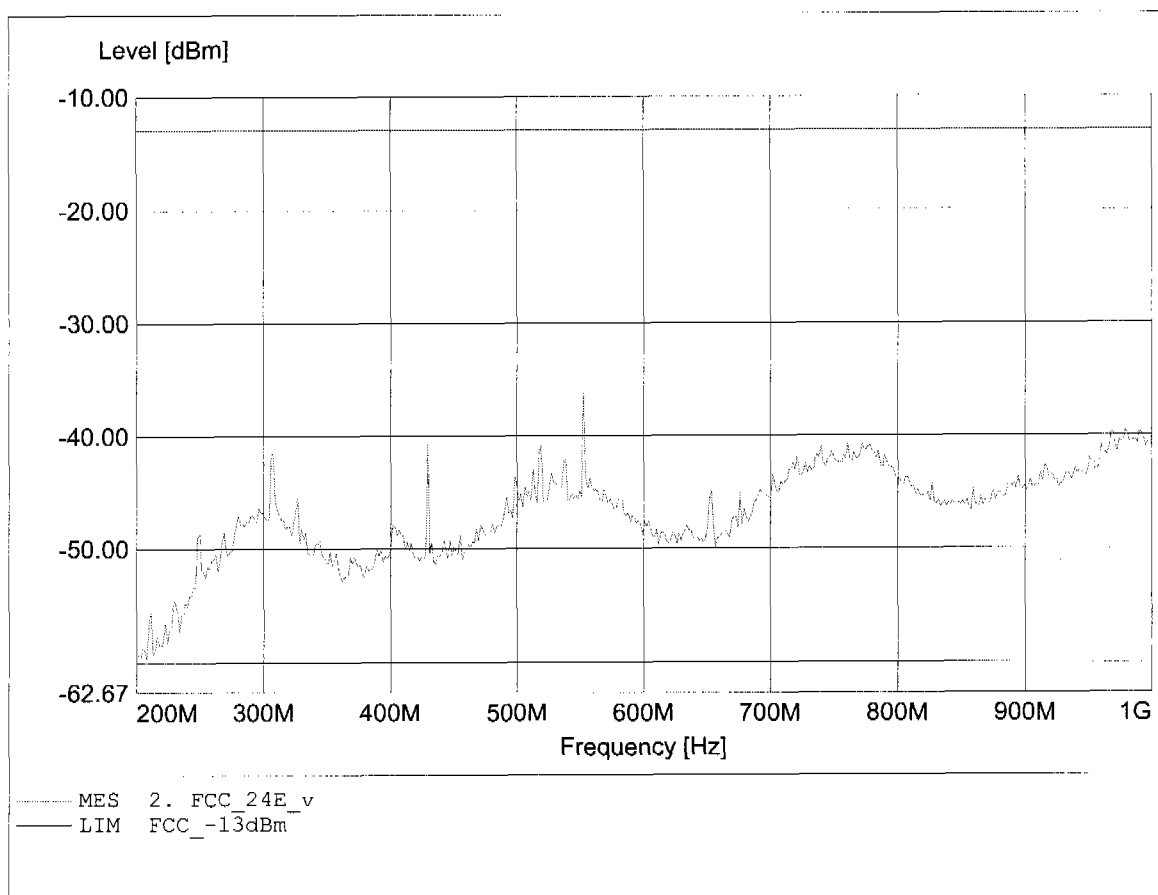
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 870.140MHz, Pmax: -37.94dBm, RBW: 100kHz



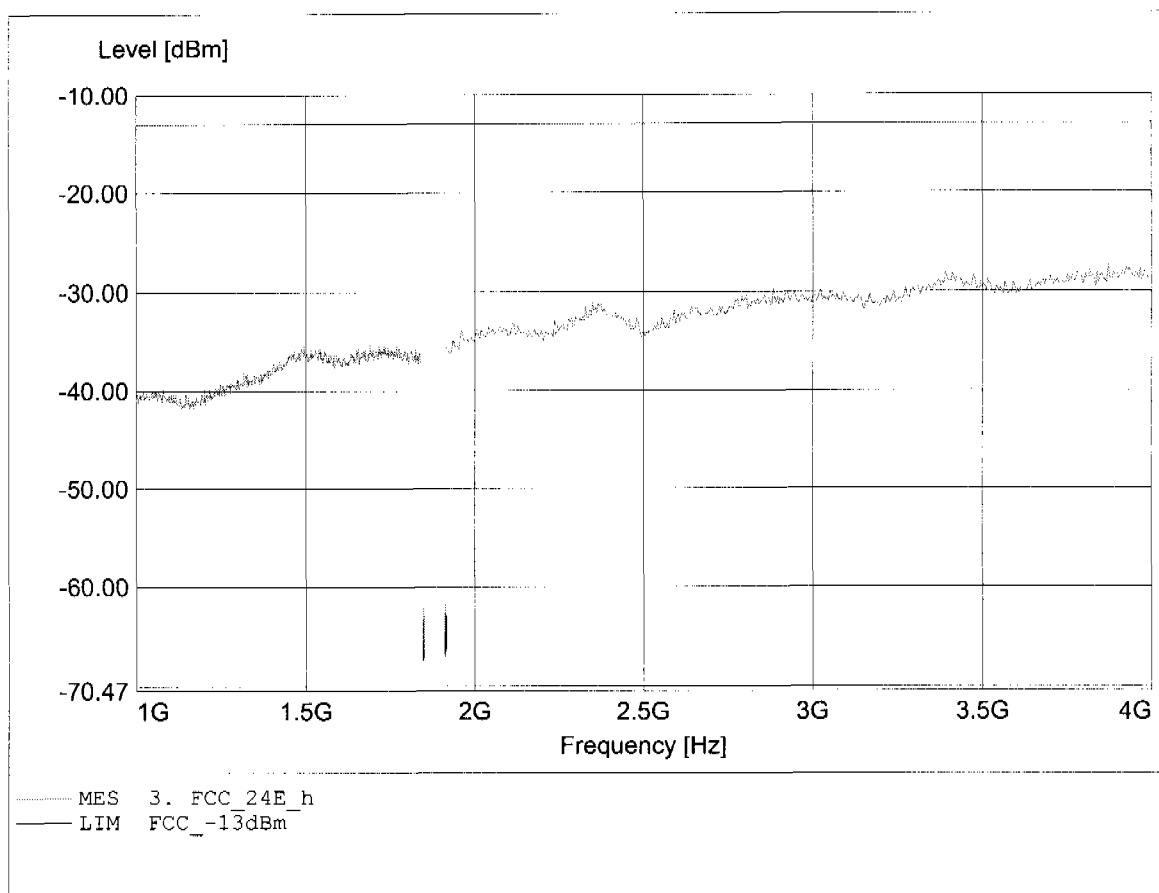
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 552.705MHz, Pmax: -35.75dBm, RBW: 100kHz



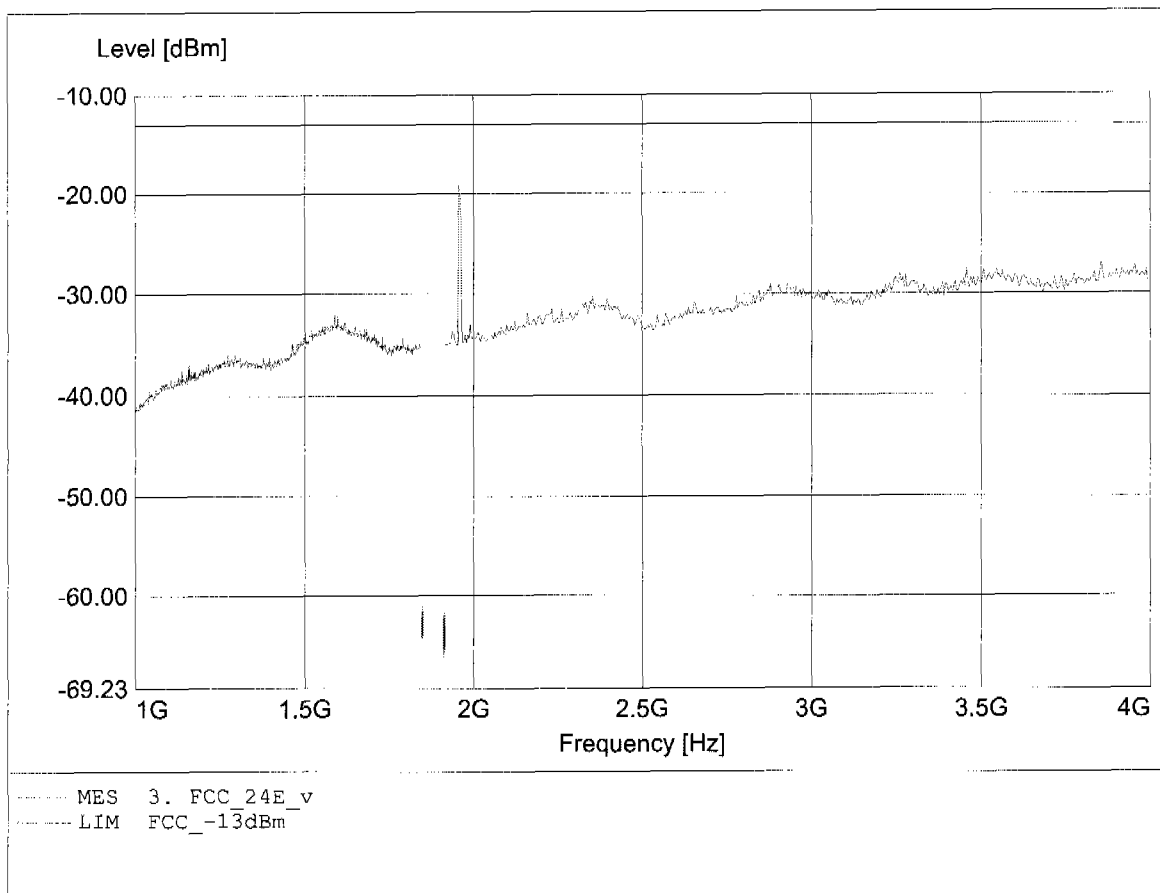
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.870GHz, Pmax: -27.21dBm, RBW: 1MHz/3kHz



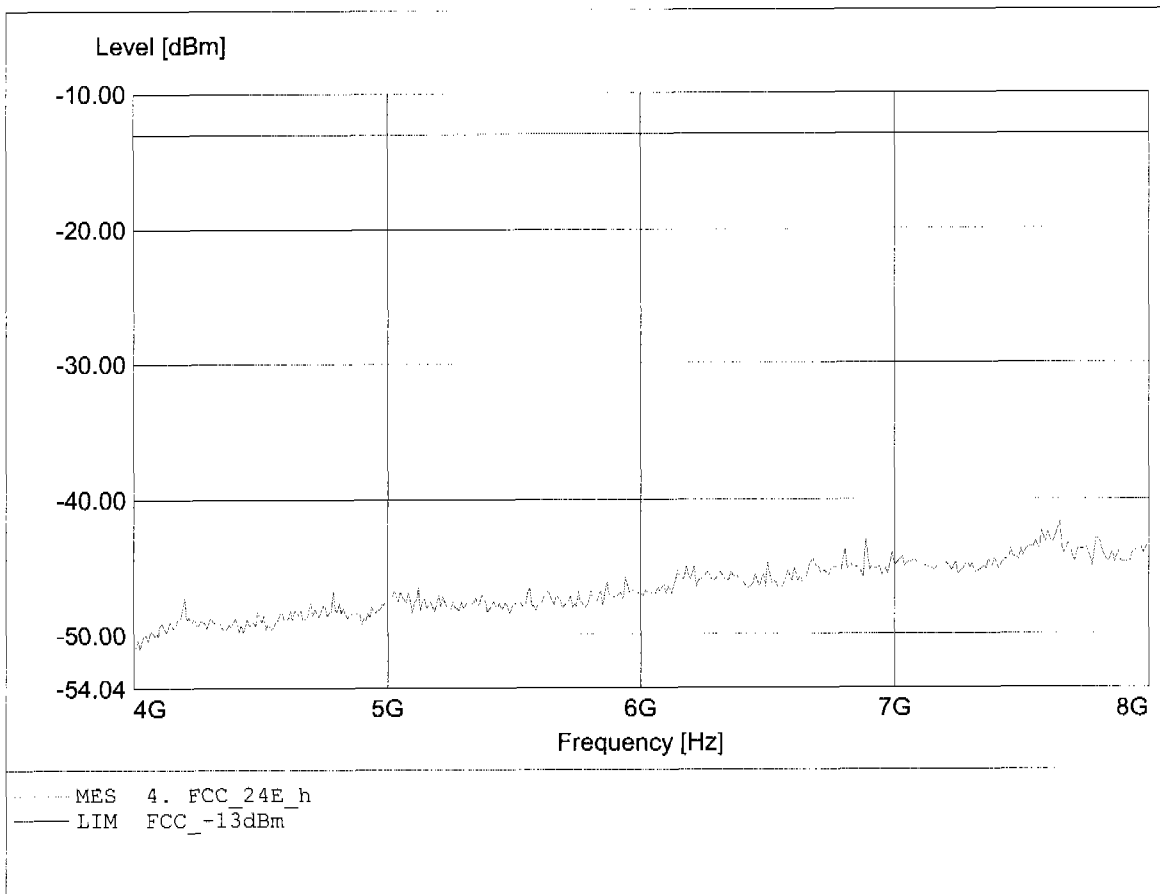
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.957GHz, Pmax: -19.06dBm, RBW: 1MHz/3kHz



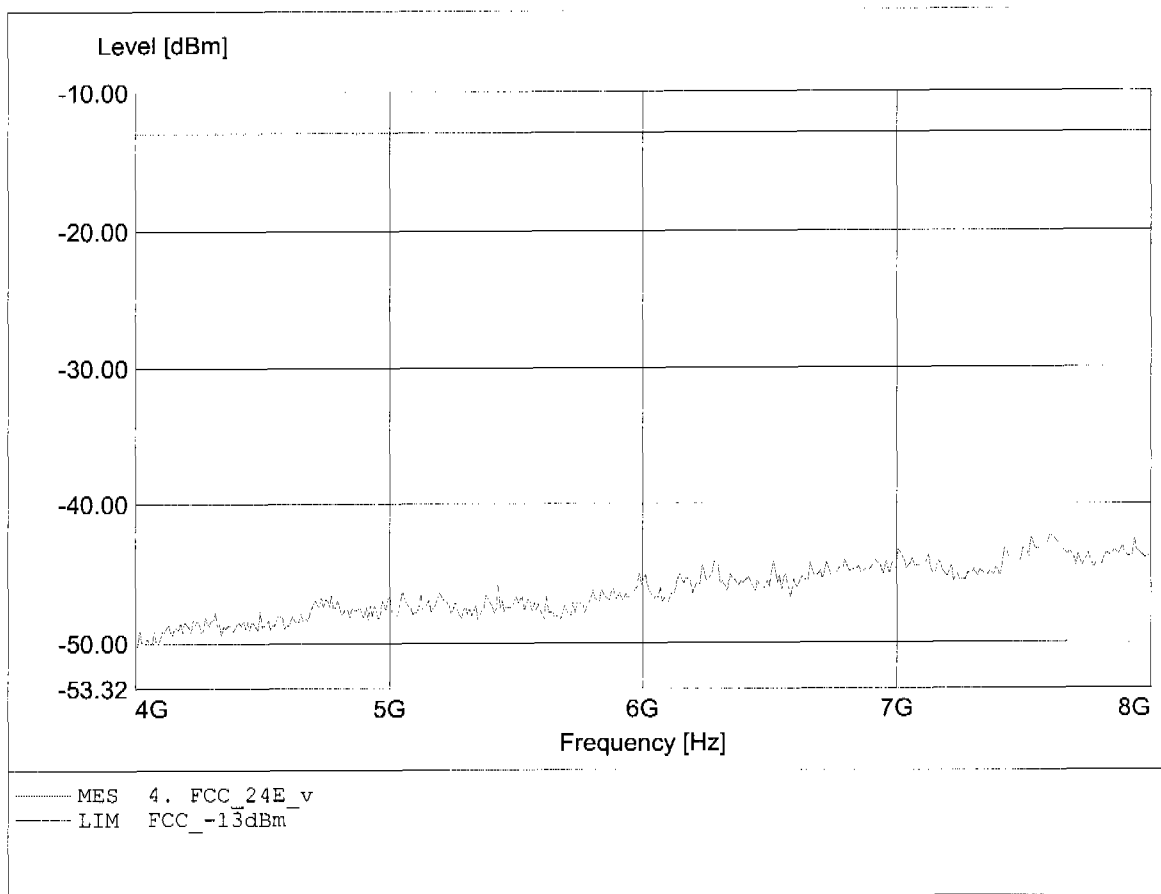
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.647GHz, Pmax: -41.68dBm, RBW: 1MHz



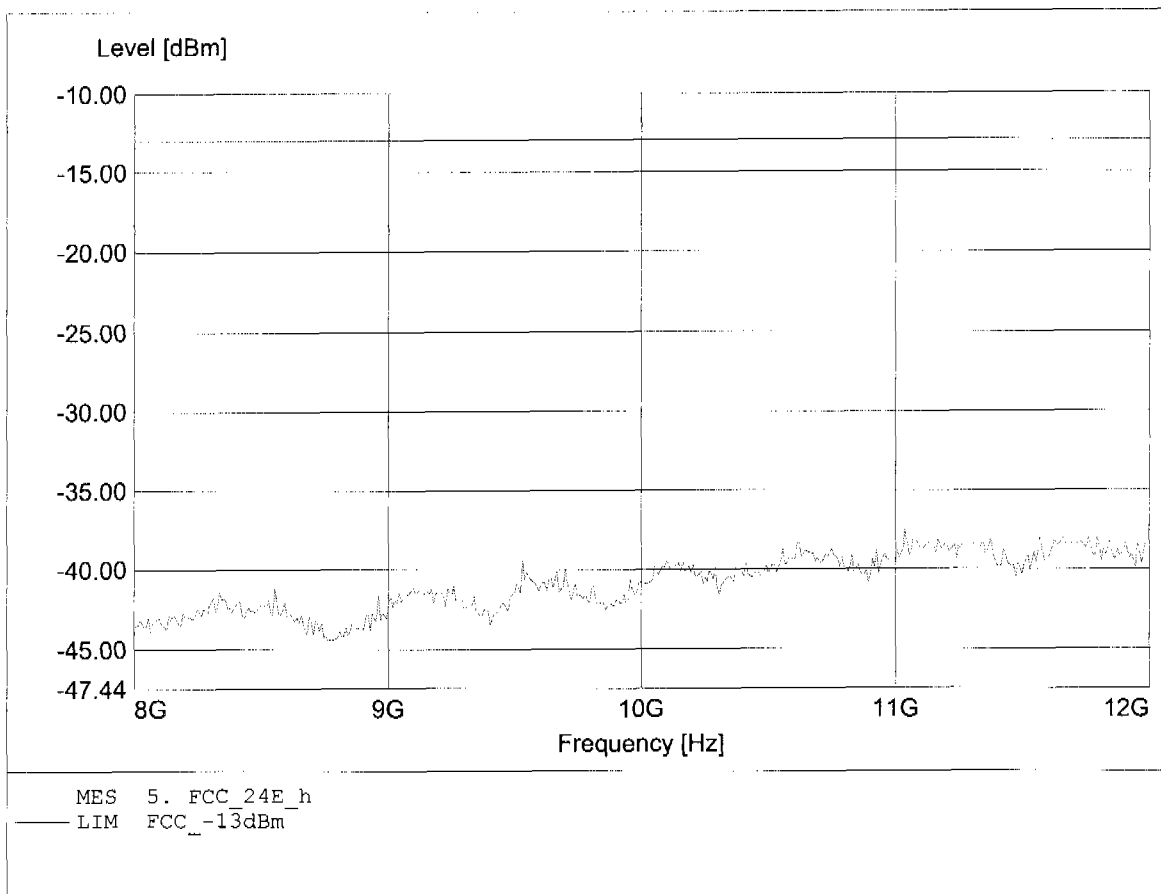
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.599GHz, Pmax: -42.35dBm, RBW: 1MHz



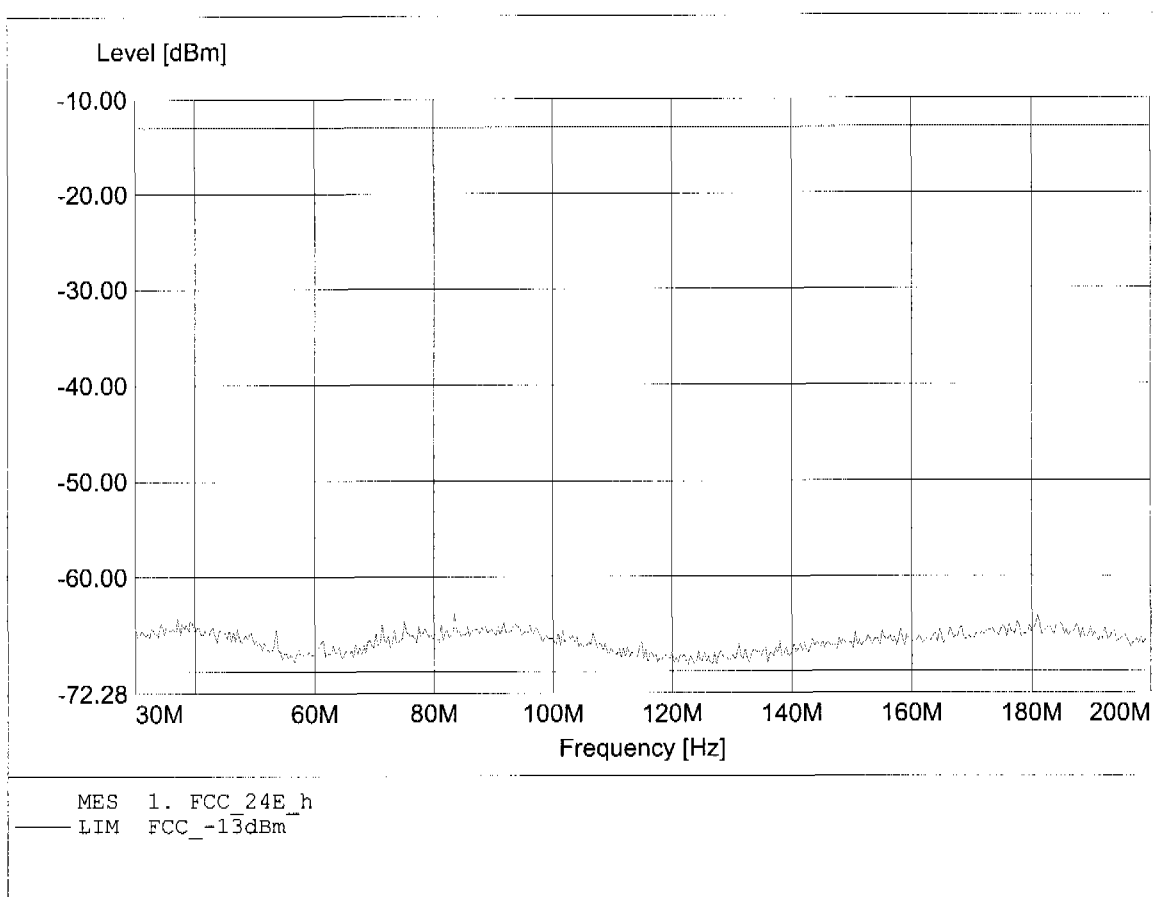
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.038GHz, Pmax: -37.54dBm, RBW: 1MHz



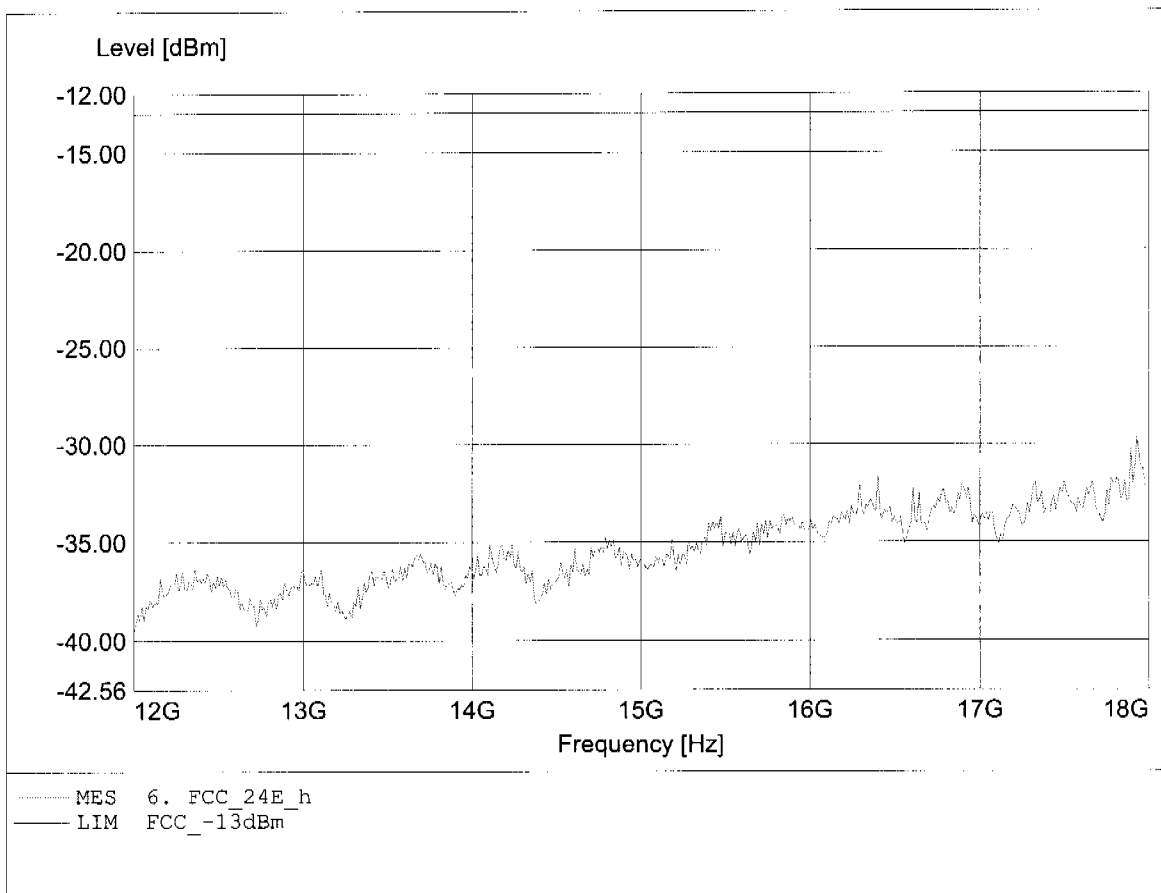
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 83.487MHz, Pmax: -63.83dBm, RBW: 100kHz



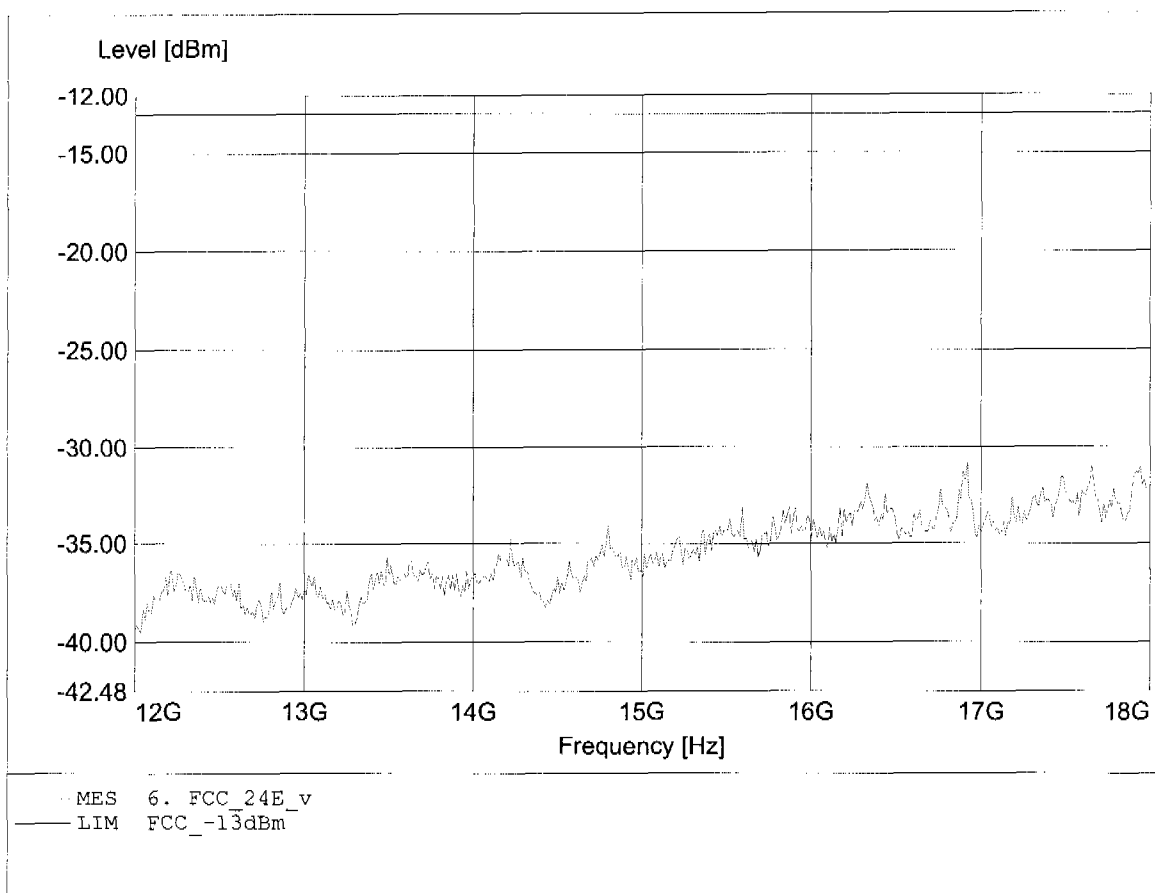
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.928GHz, Pmax: -29.67dBm, RBW: 1MHz



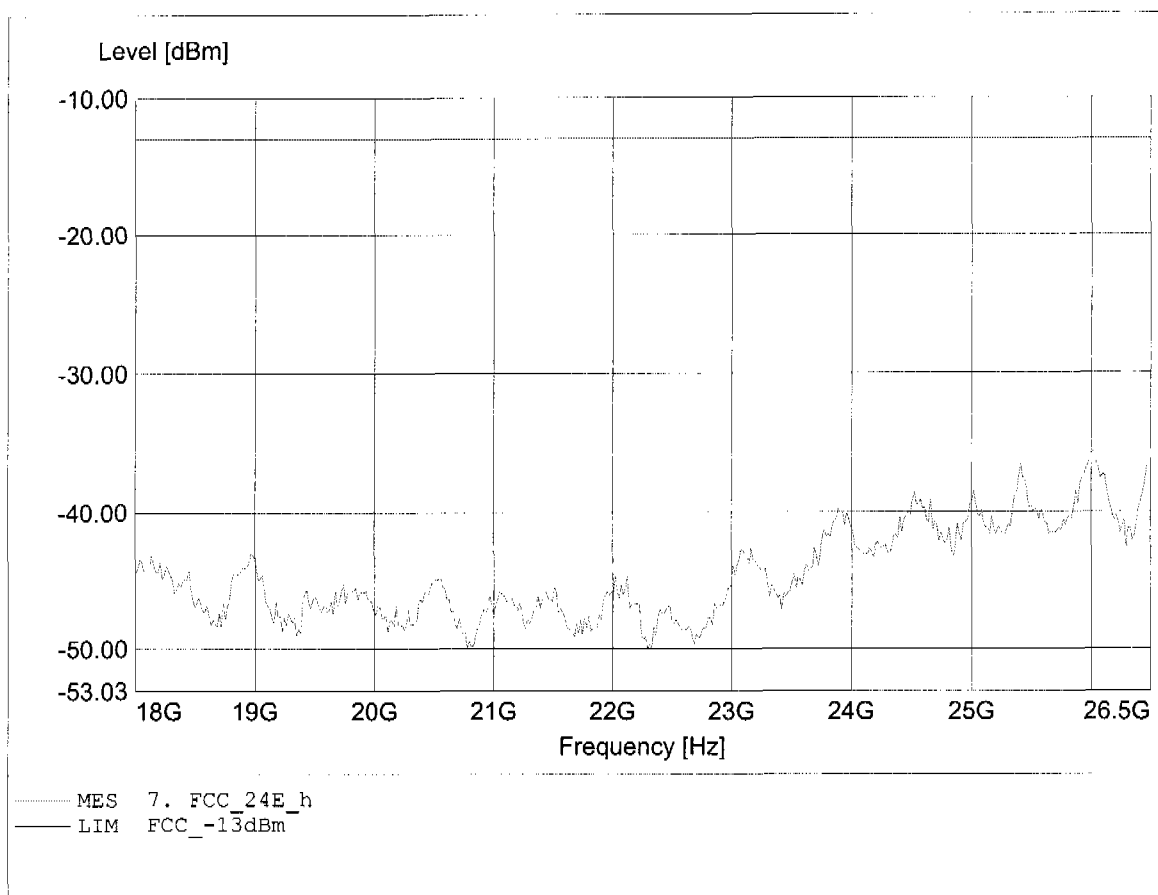
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 16.918GHz, Pmax: -30.80dBm, RBW: 1MHz



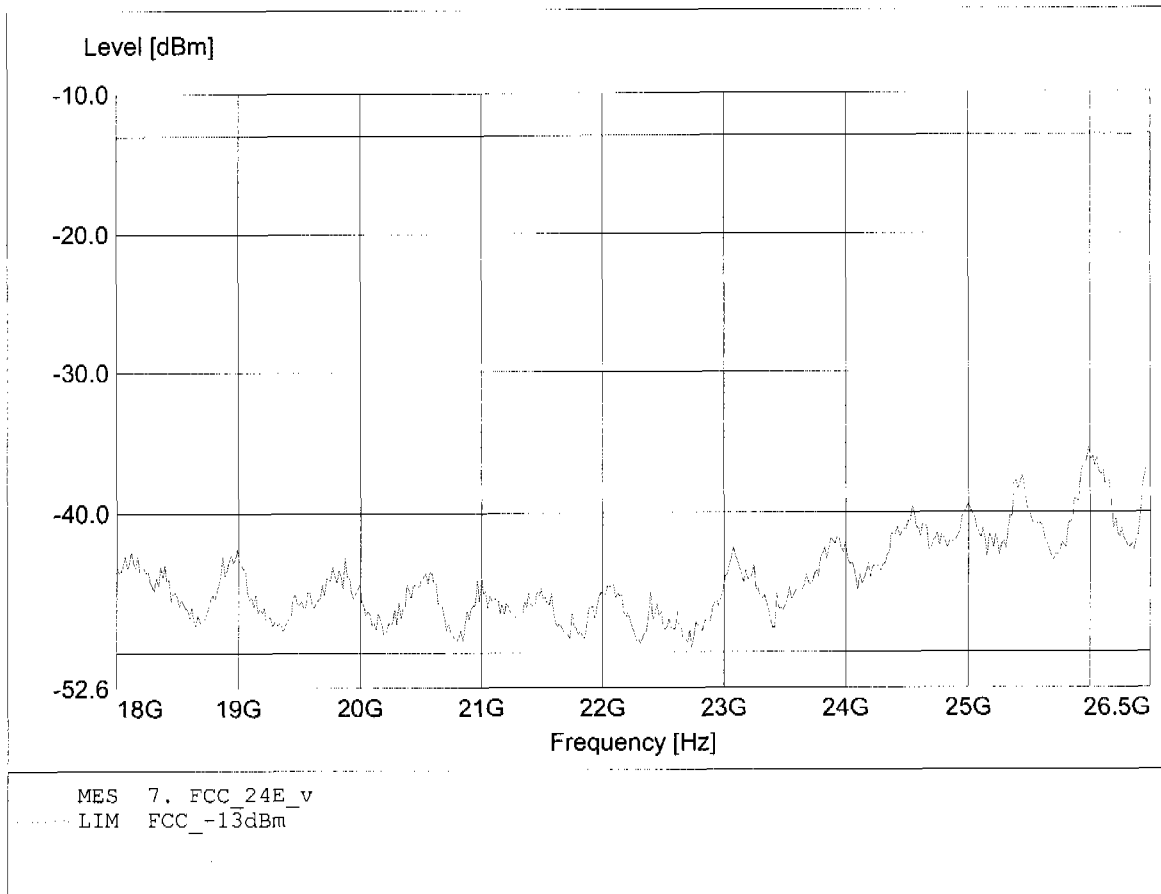
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.006GHz, Pmax: -35.47dBm, RBW: 1MHz



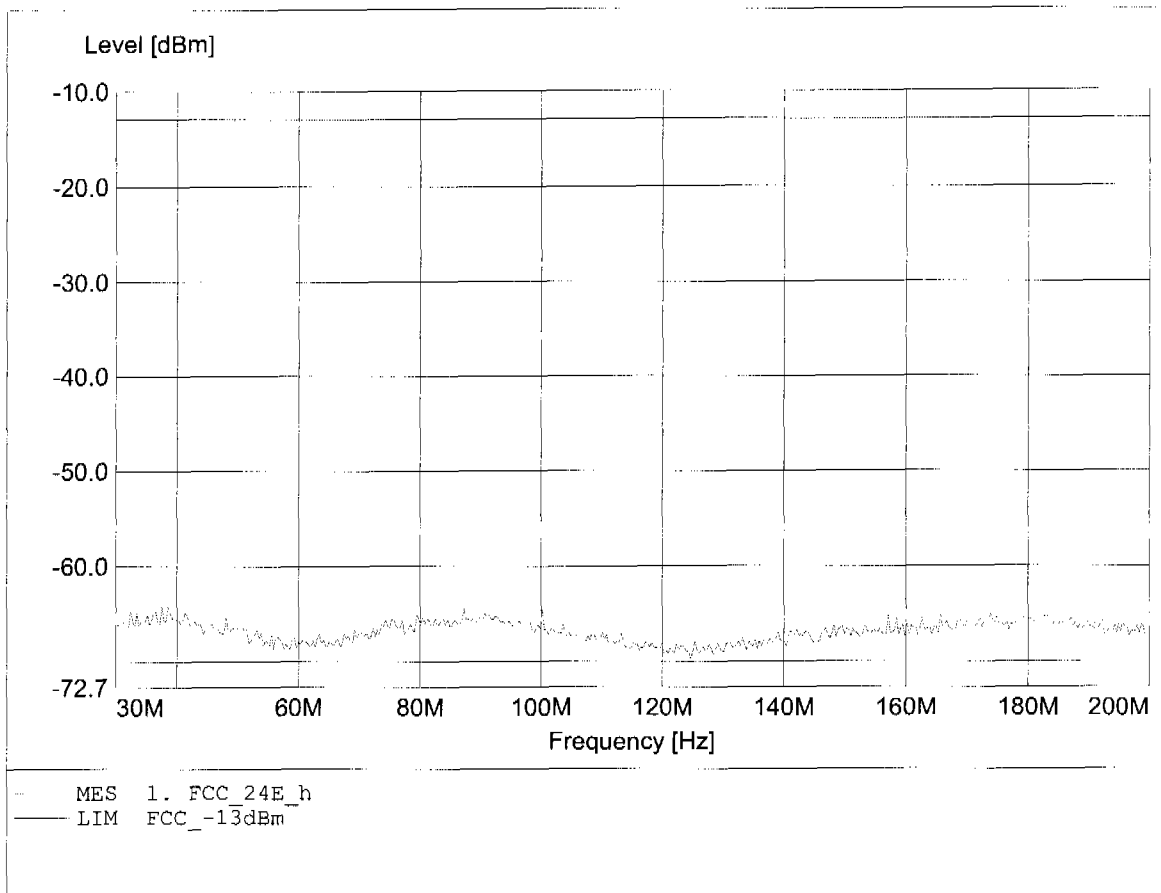
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9400
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Pmax: -35.45dBm, RBW: 1MHz



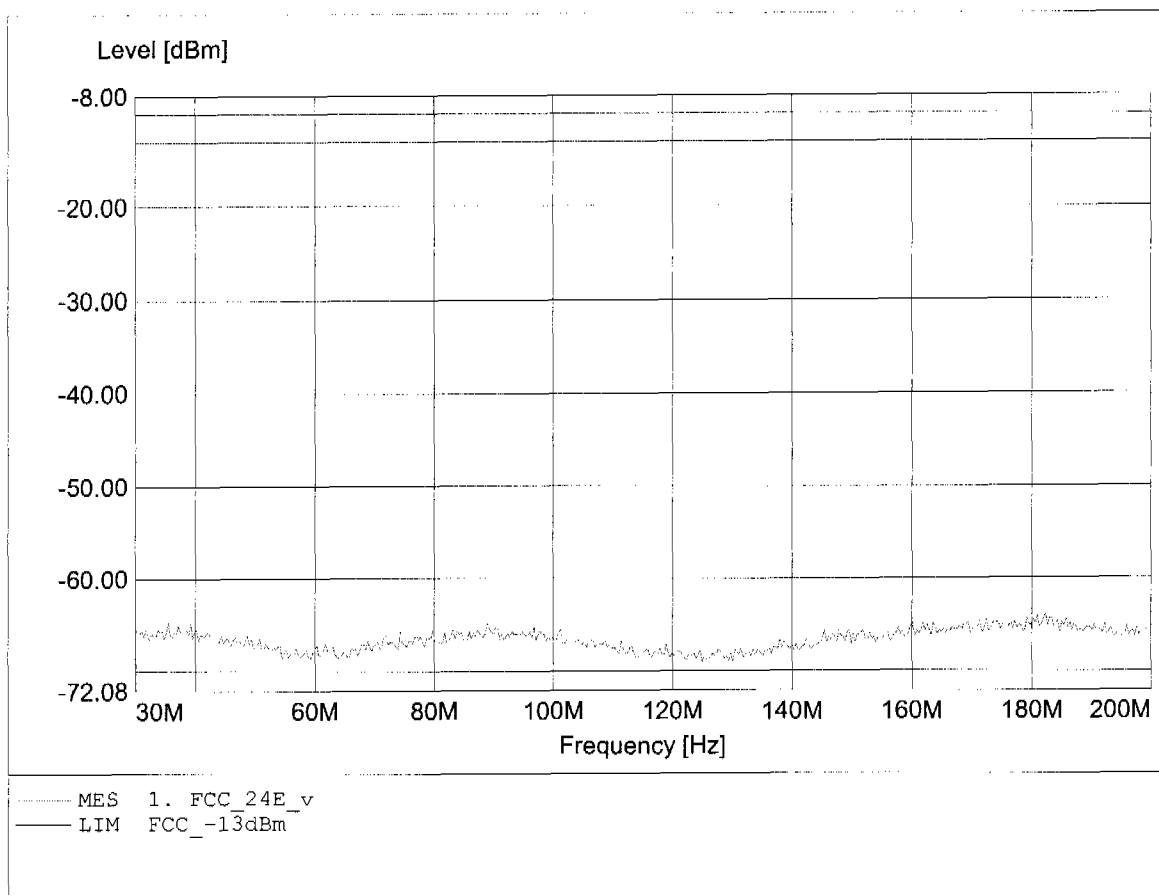
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 37.495MHz, Pmax: -64.12dBm, RBW: 100kHz



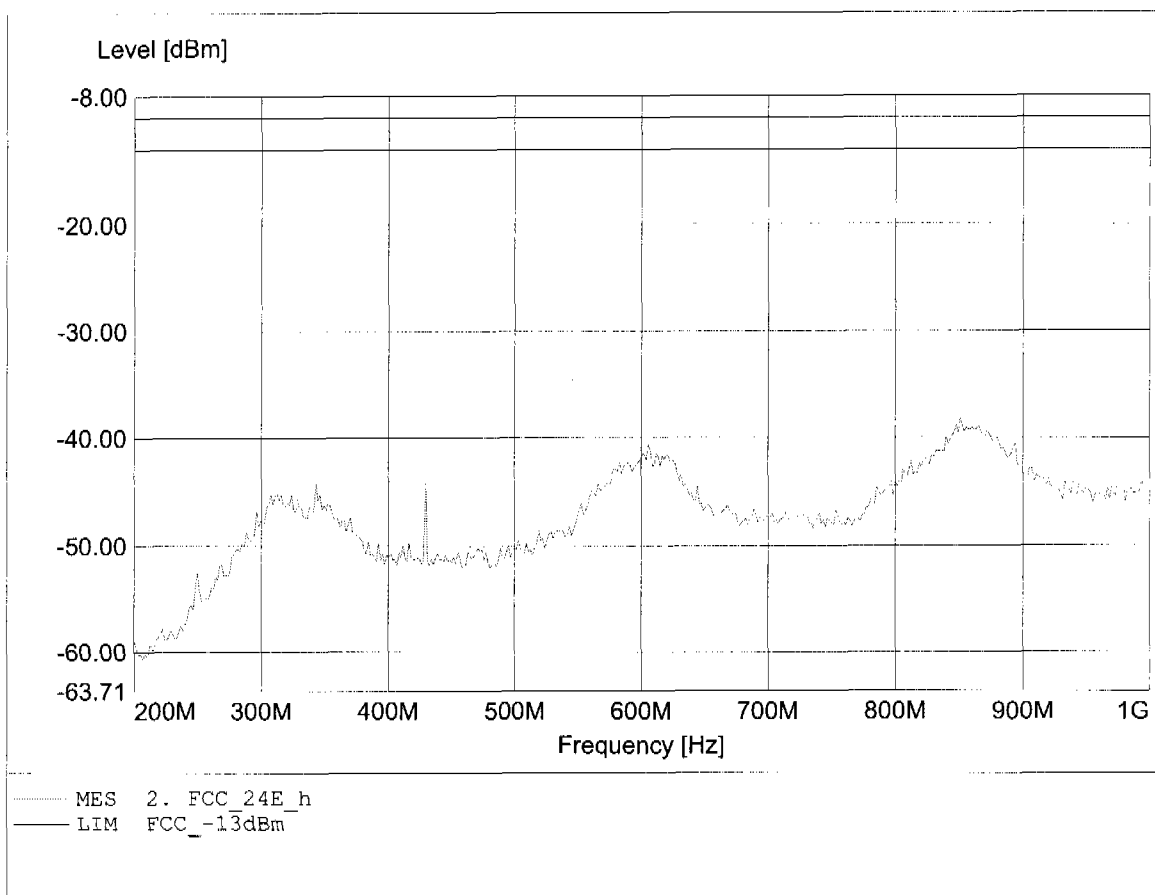
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 182.285MHz, Pmax: -63.84dBm, RBW: 100kHz



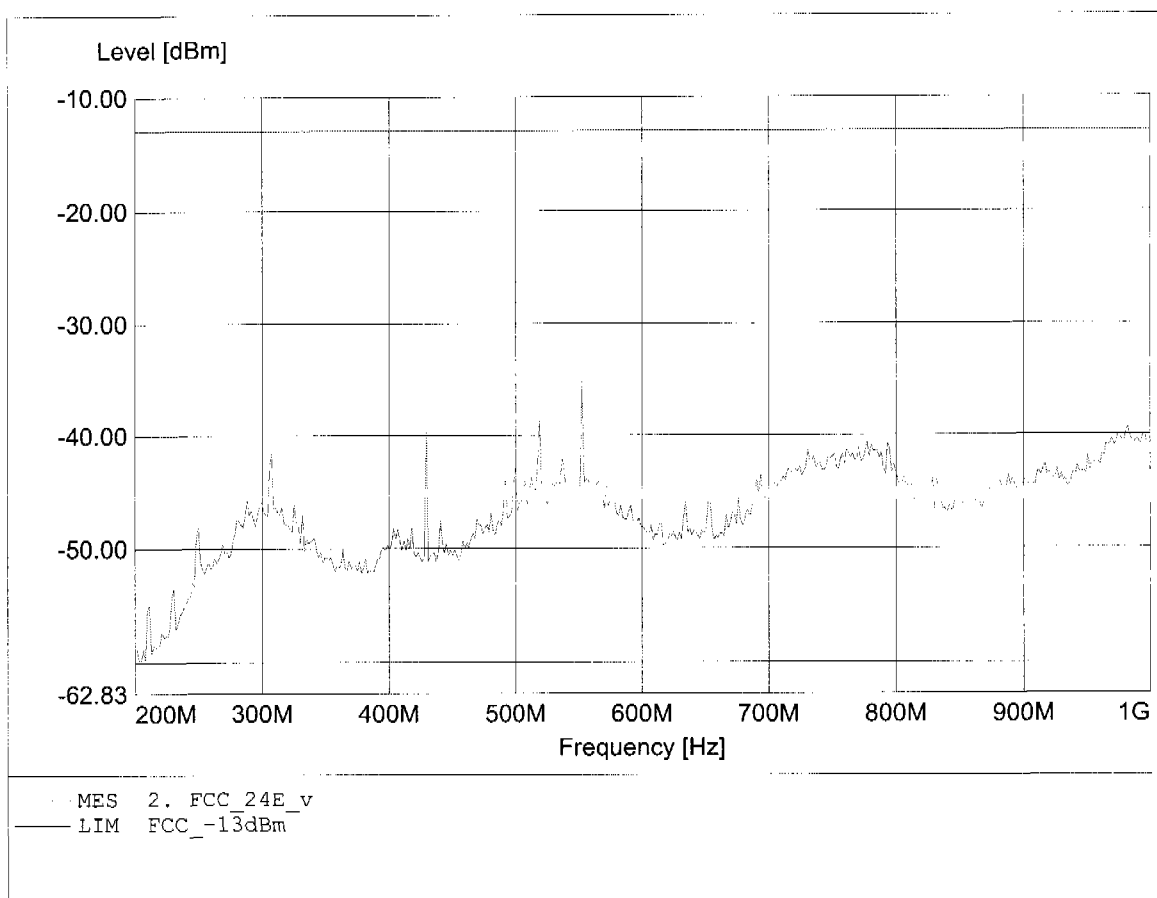
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 850.902MHz, Pmax: -38.07dBm, RBW: 100kHz



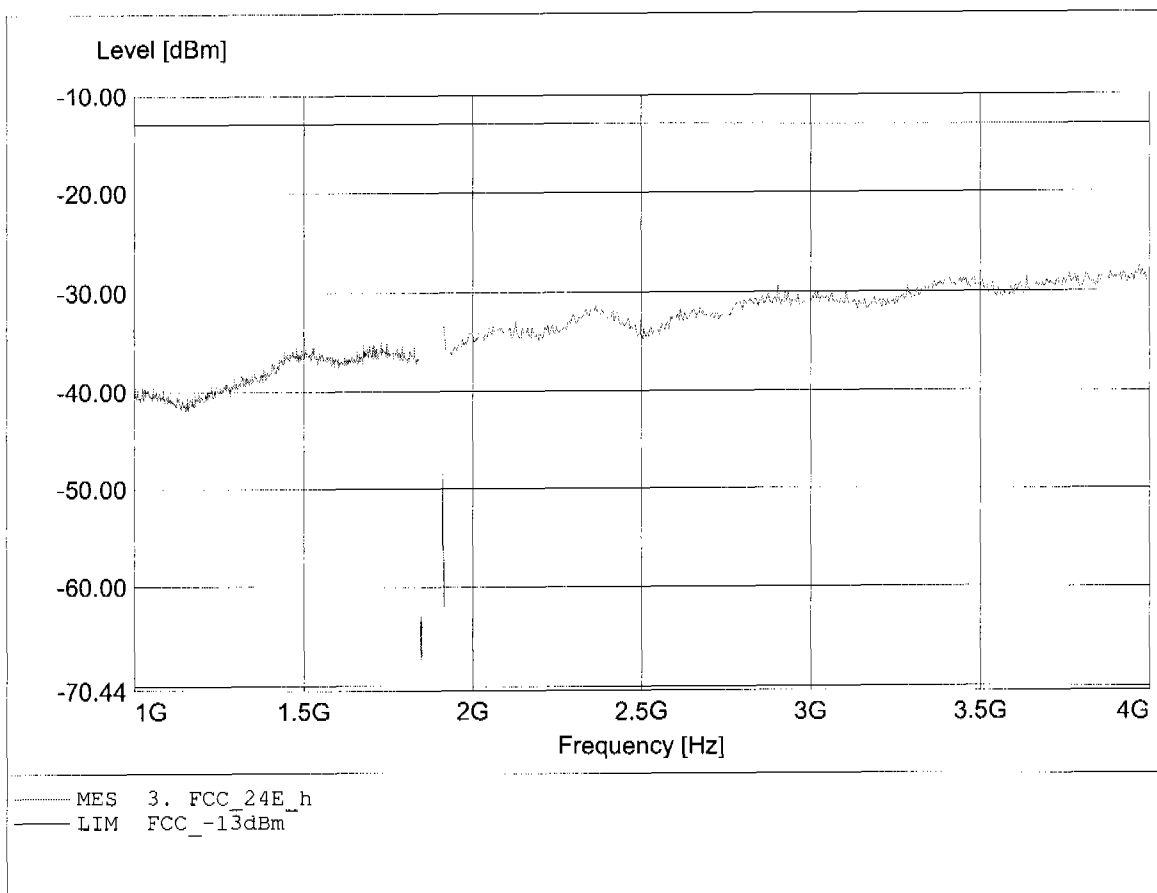
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 552.705MHz, Pmax: -35.16dBm, RBW: 100kHz



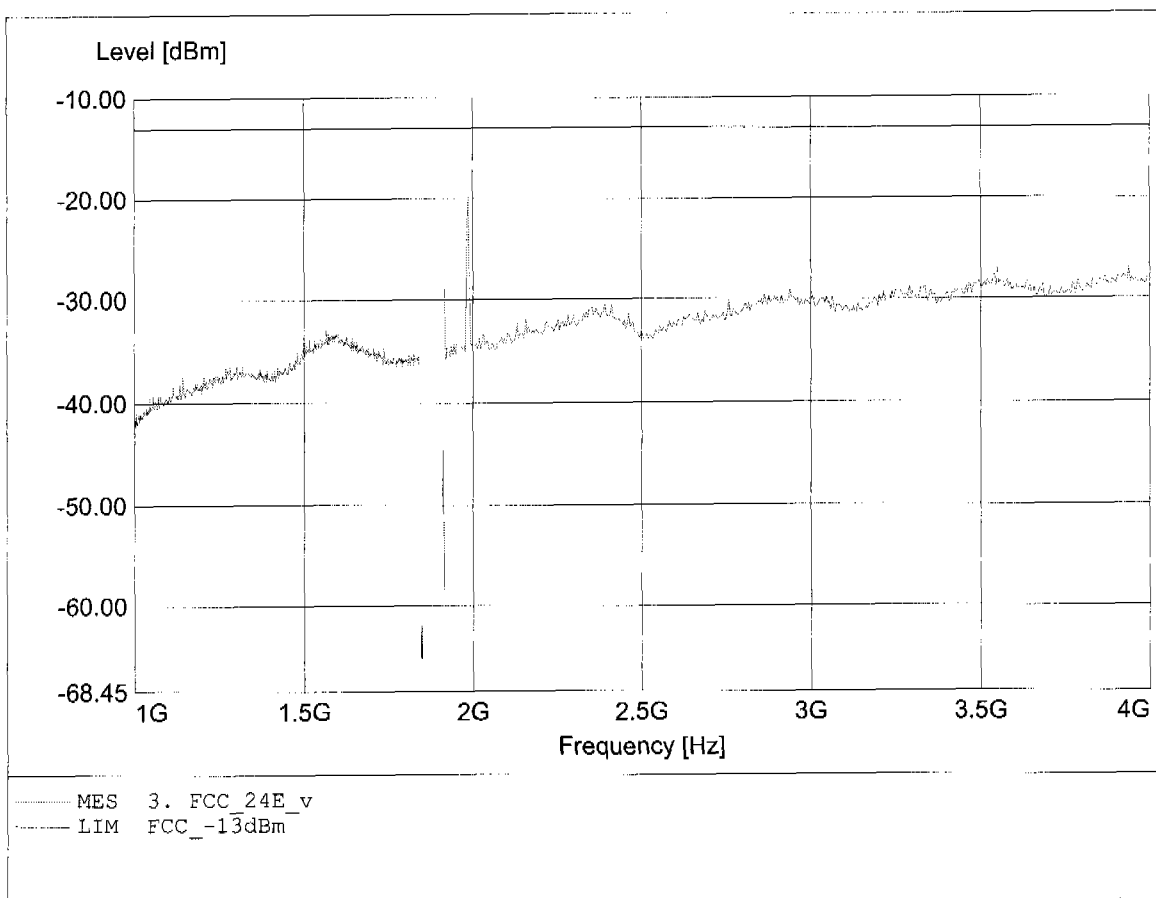
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.971GHz, Pmax: -27.45dBm, RBW: 1MHz/3kHz



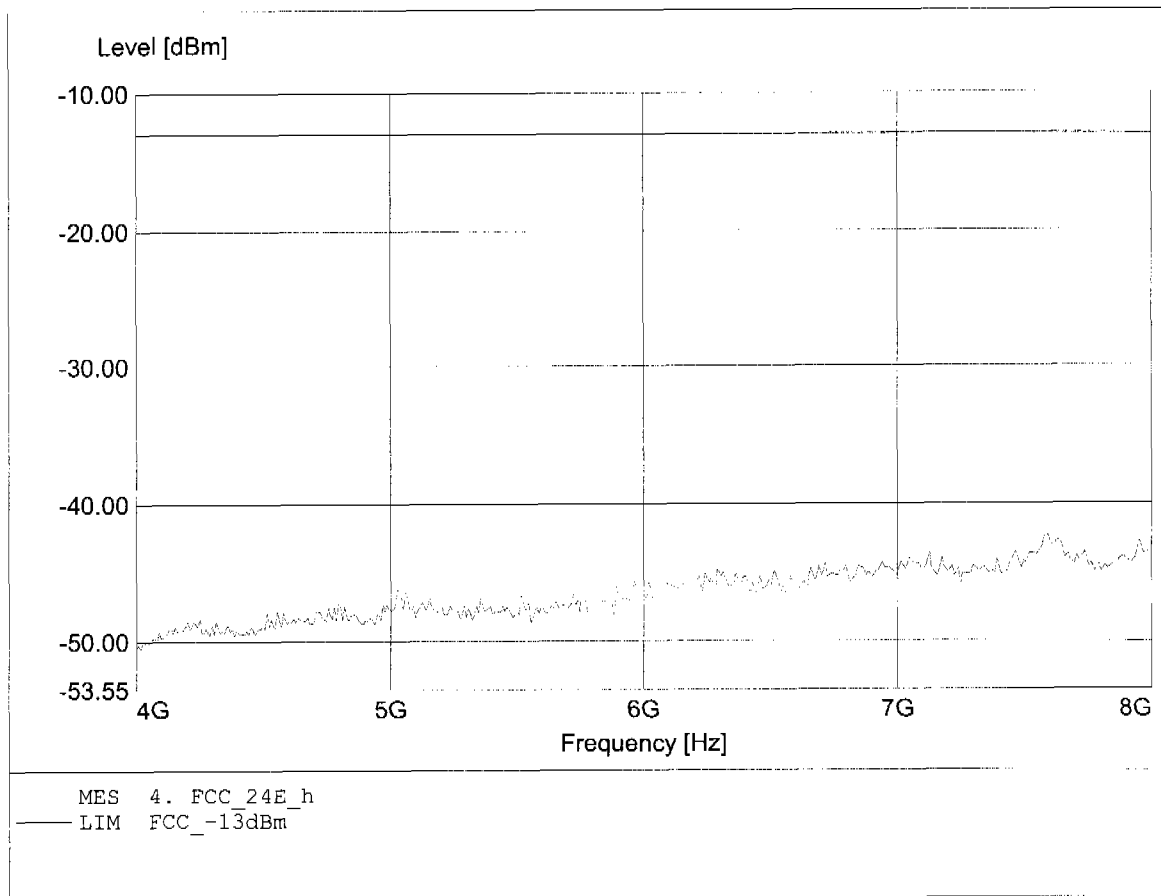
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.986GHz, Pmax: -19.69dBm, RBW: 1MHz/3kHz



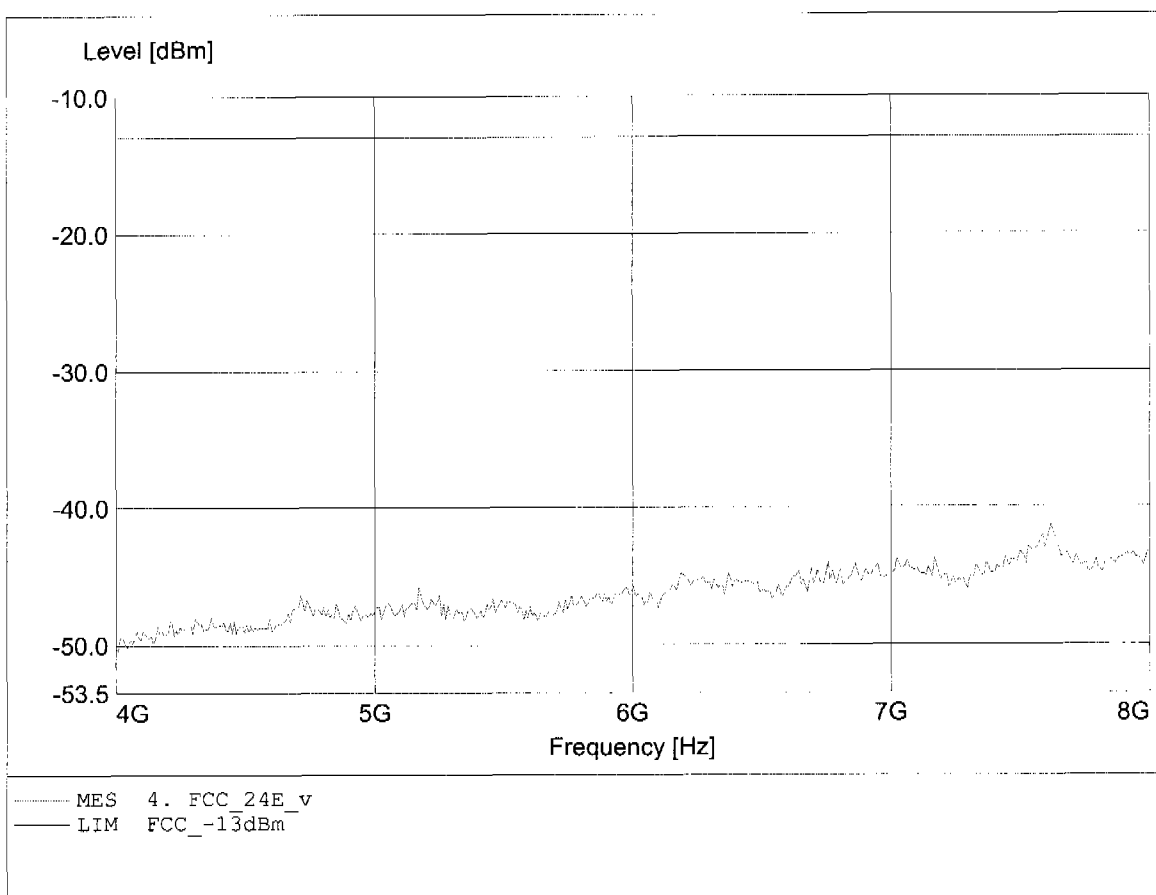
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.591GHz, Pmax: -42.28dBm, RBW: 1MHz



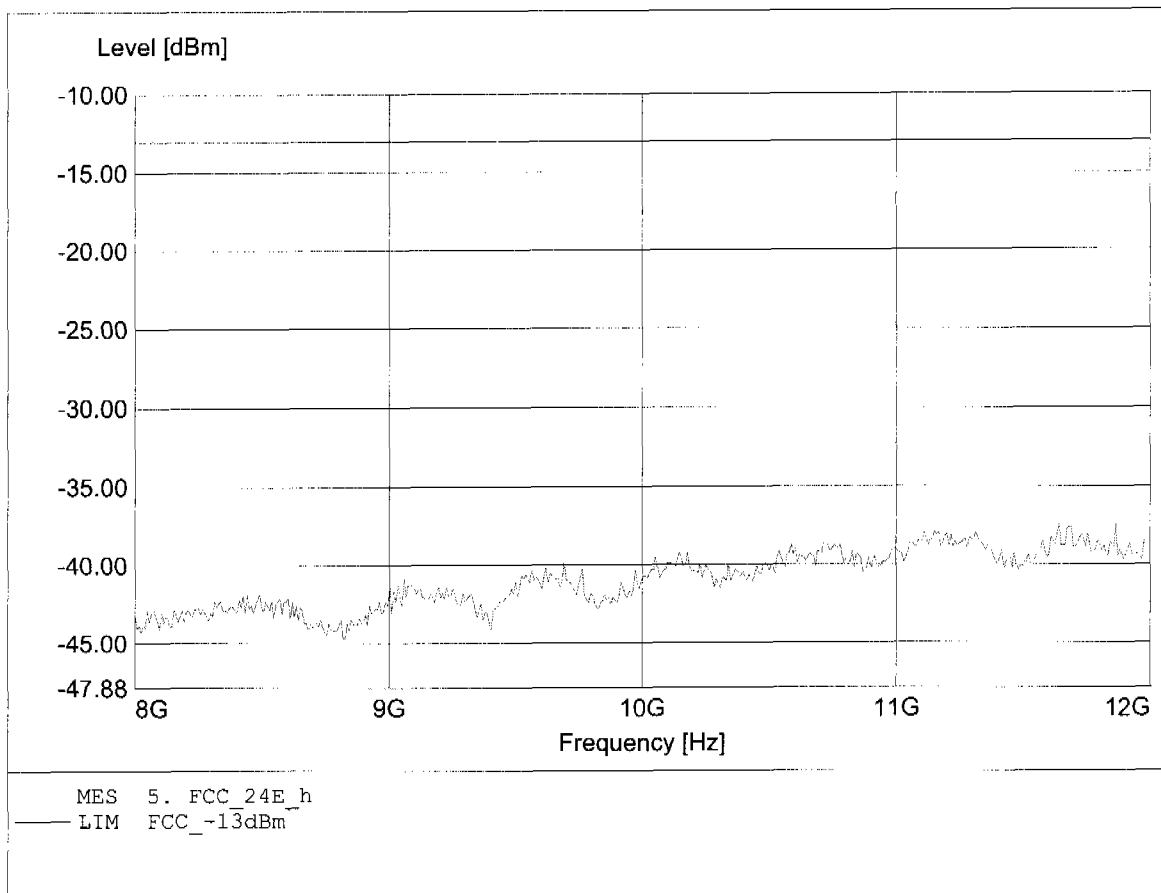
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.615GHz, Pmax: -41.31dBm, RBW: 1MHz



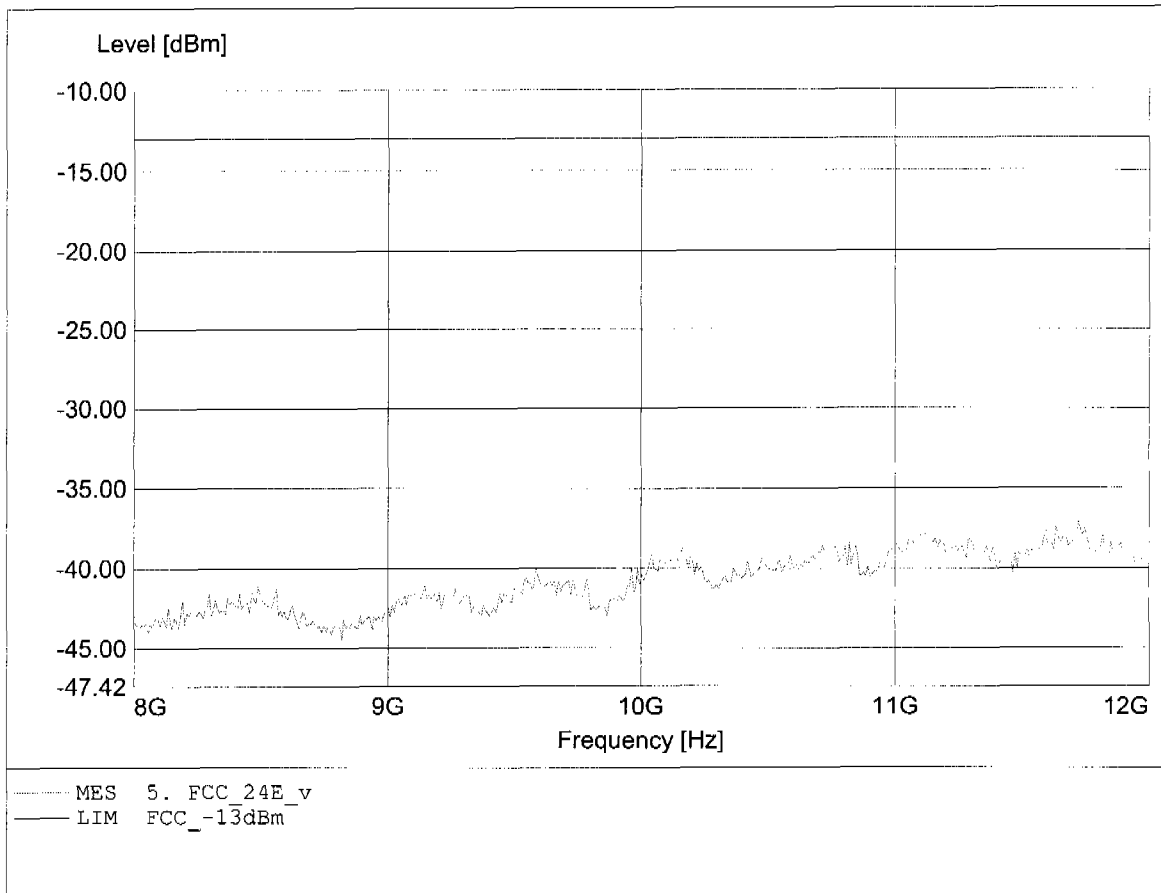
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.864GHz, Pmax: -37.30dBm, RBW: 1MHz



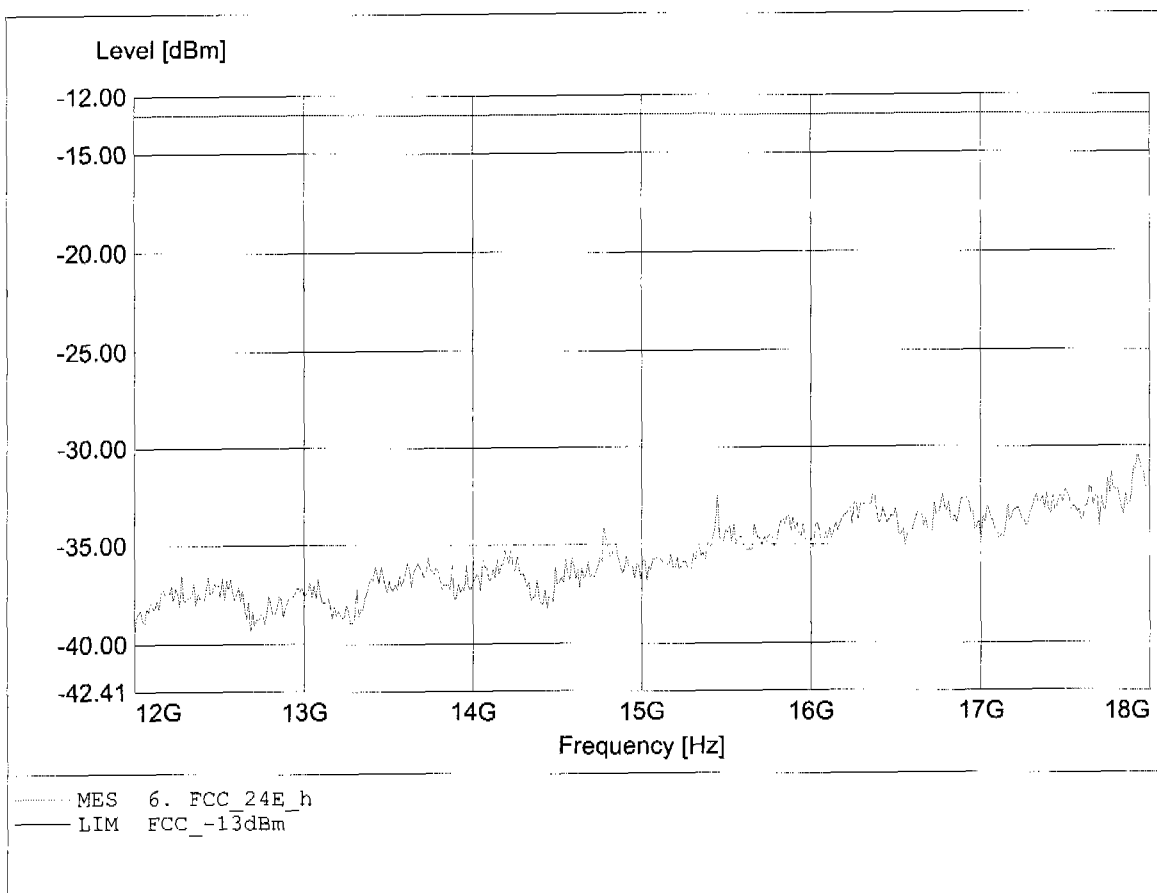
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.719GHz, Pmax: -37.06dBm, RBW: 1MHz



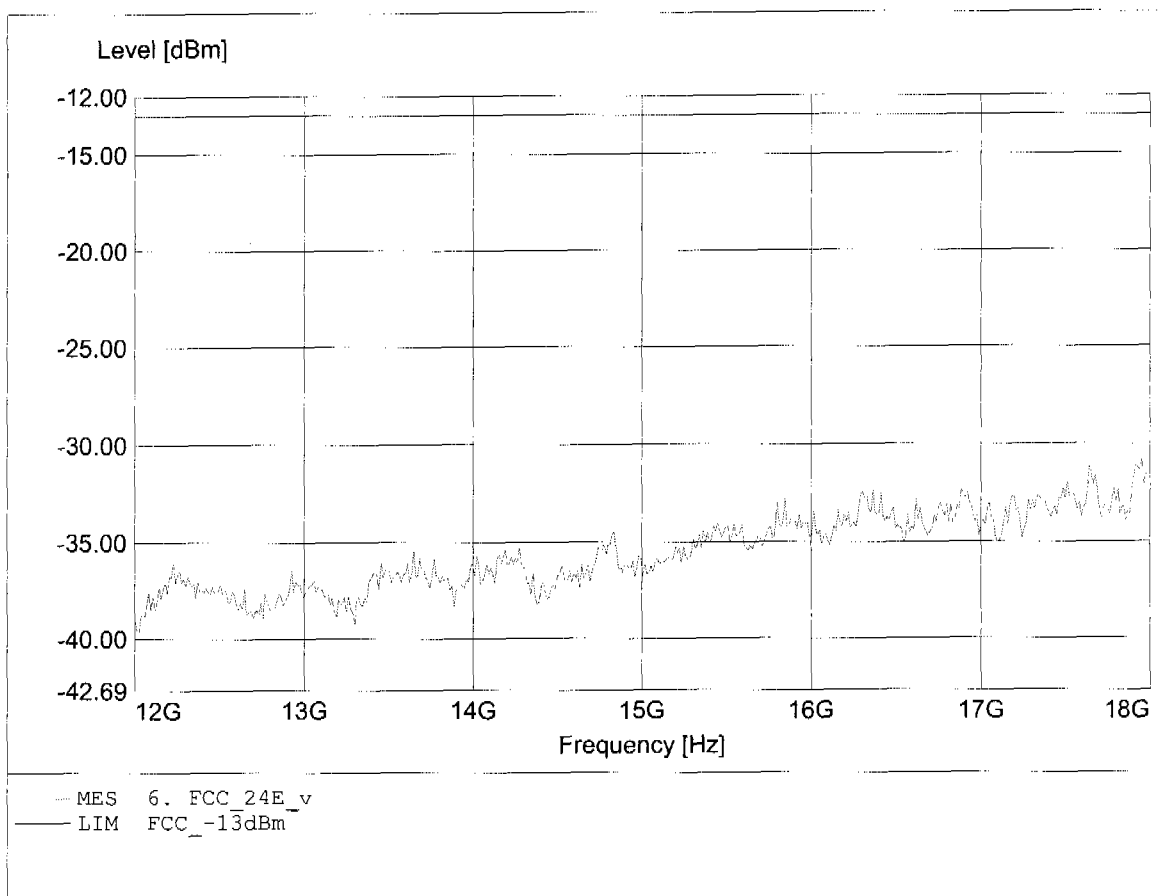
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.928GHz, Pmax: -30.39dBm, RBW: 1MHz



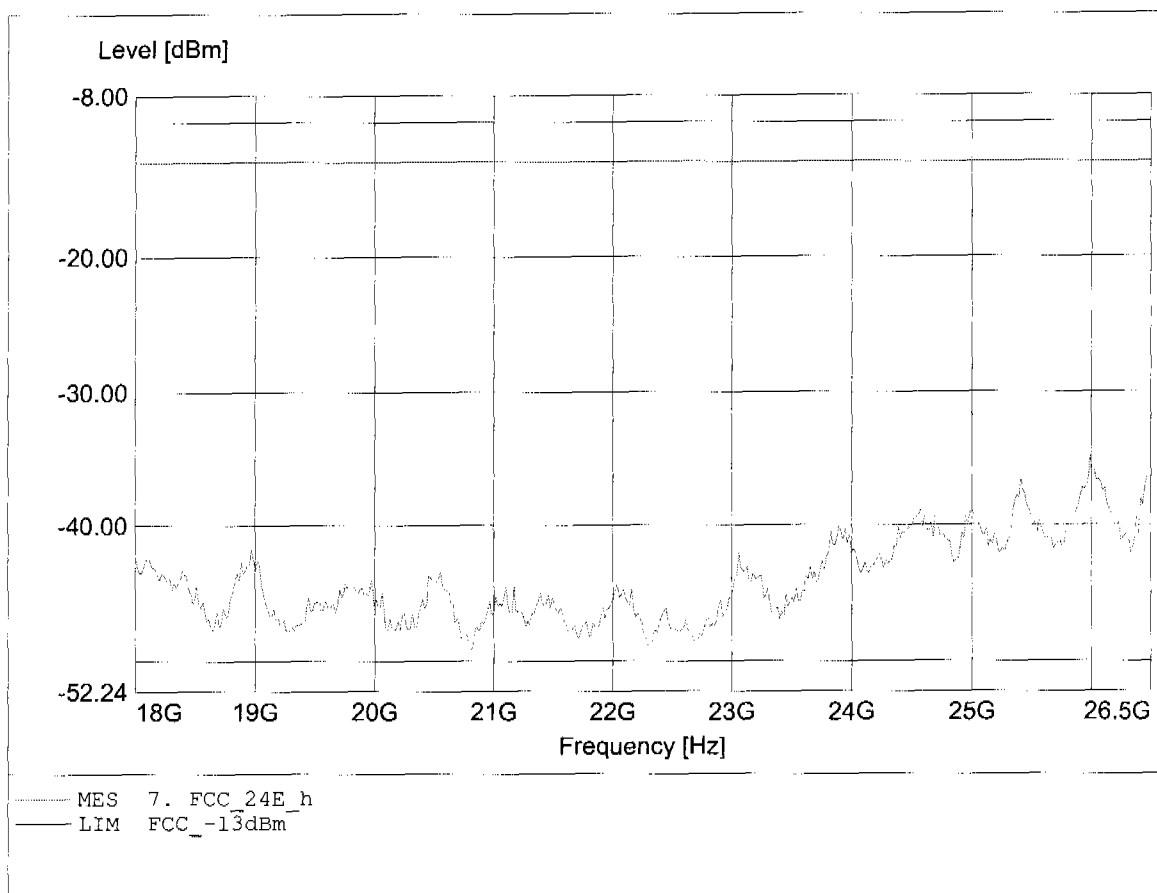
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.952GHz, Pmax: -30.76dBm, RBW: 1MHz



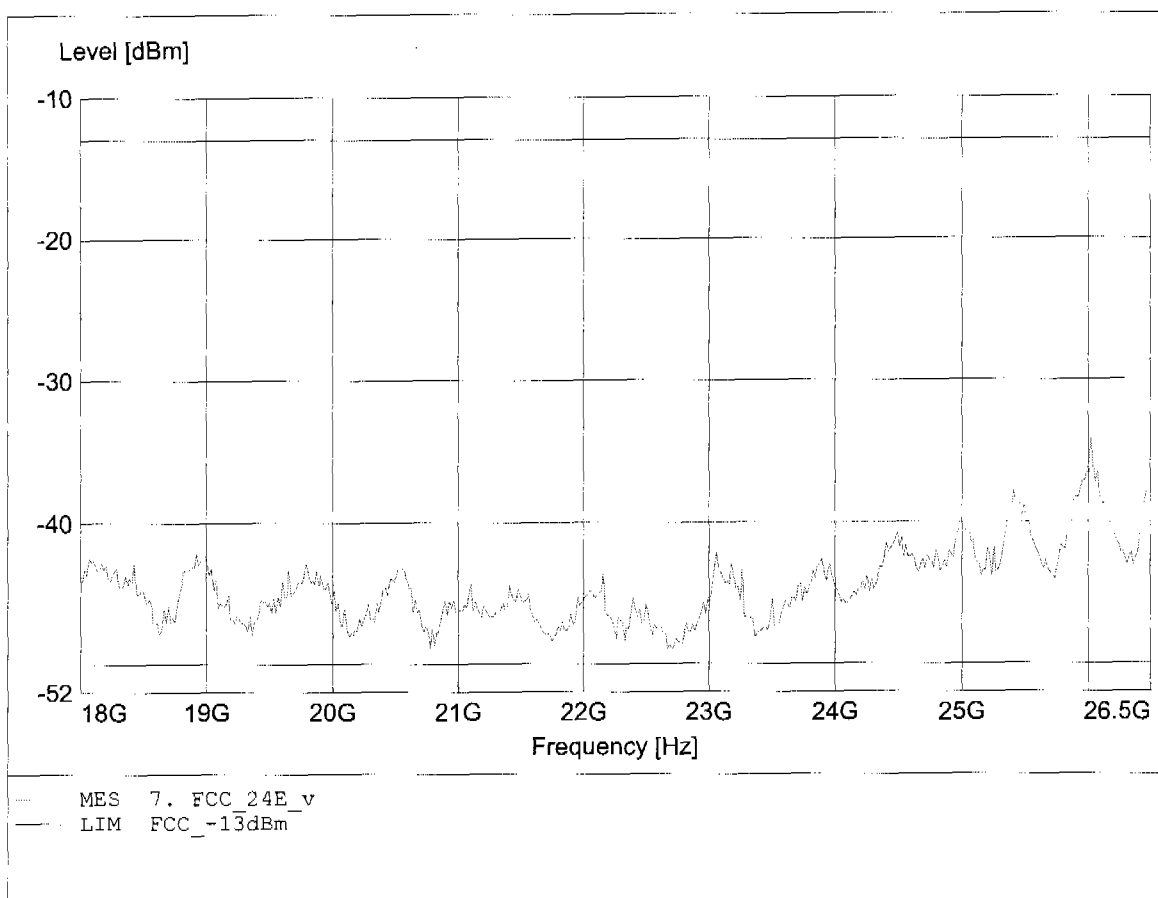
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Pmax: -34.79dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: UMTS GSM PHONE
Model: C610 / Ch.: 9537
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Meng
Test Conditions: 23°C / Unom.: 3.70 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.023GHz, Pmax: -34.08dBm, RBW: 1MHz



Annex F

Block edge compliance

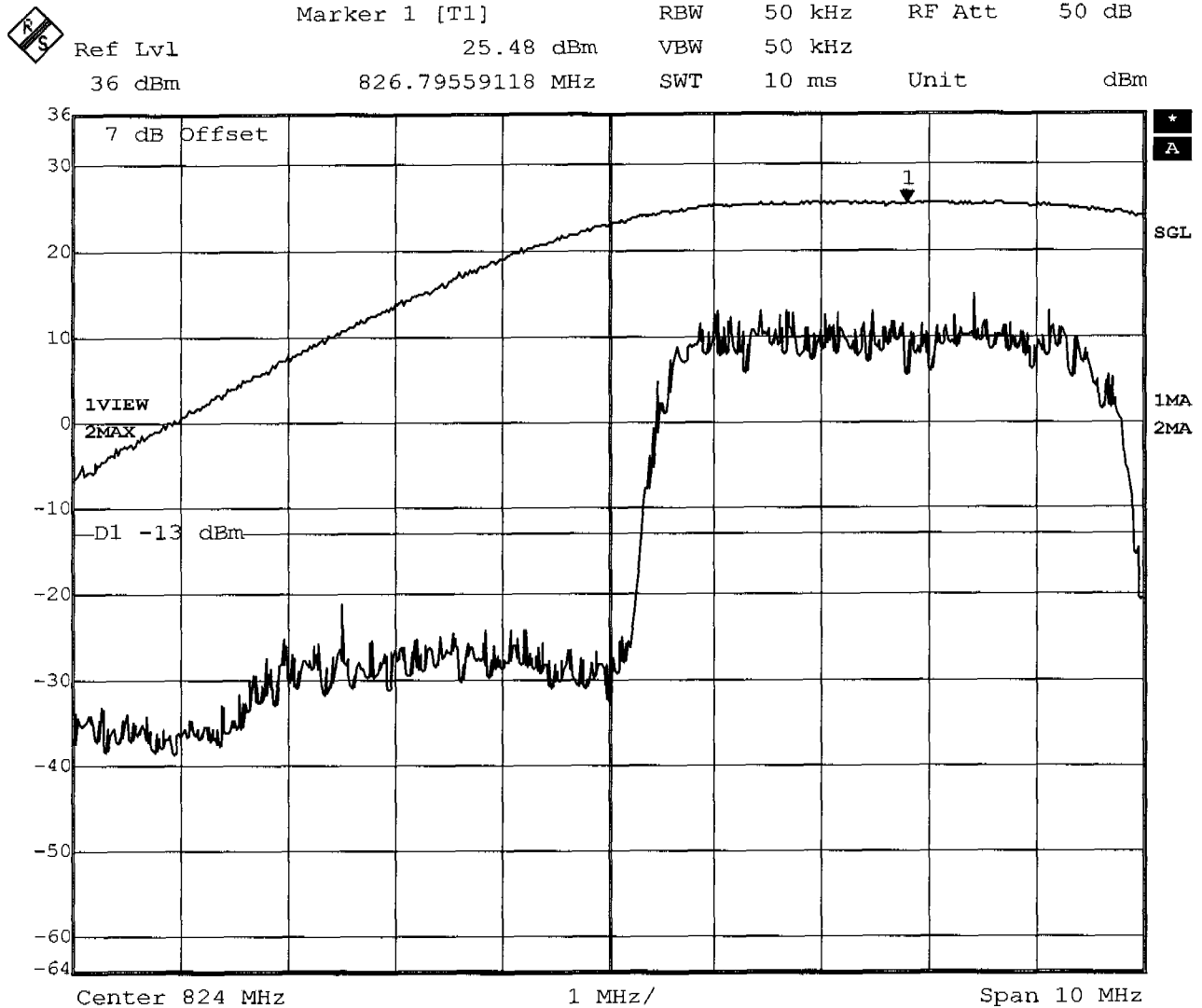
Test Report No.: G5M208010006-C-1

Eurofins ETS Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

Annex F

FCC Part 22 H
Lower Block edge

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4133
Comment 2	
Comment 3	



Date: 18.APR.2008 13:01:09

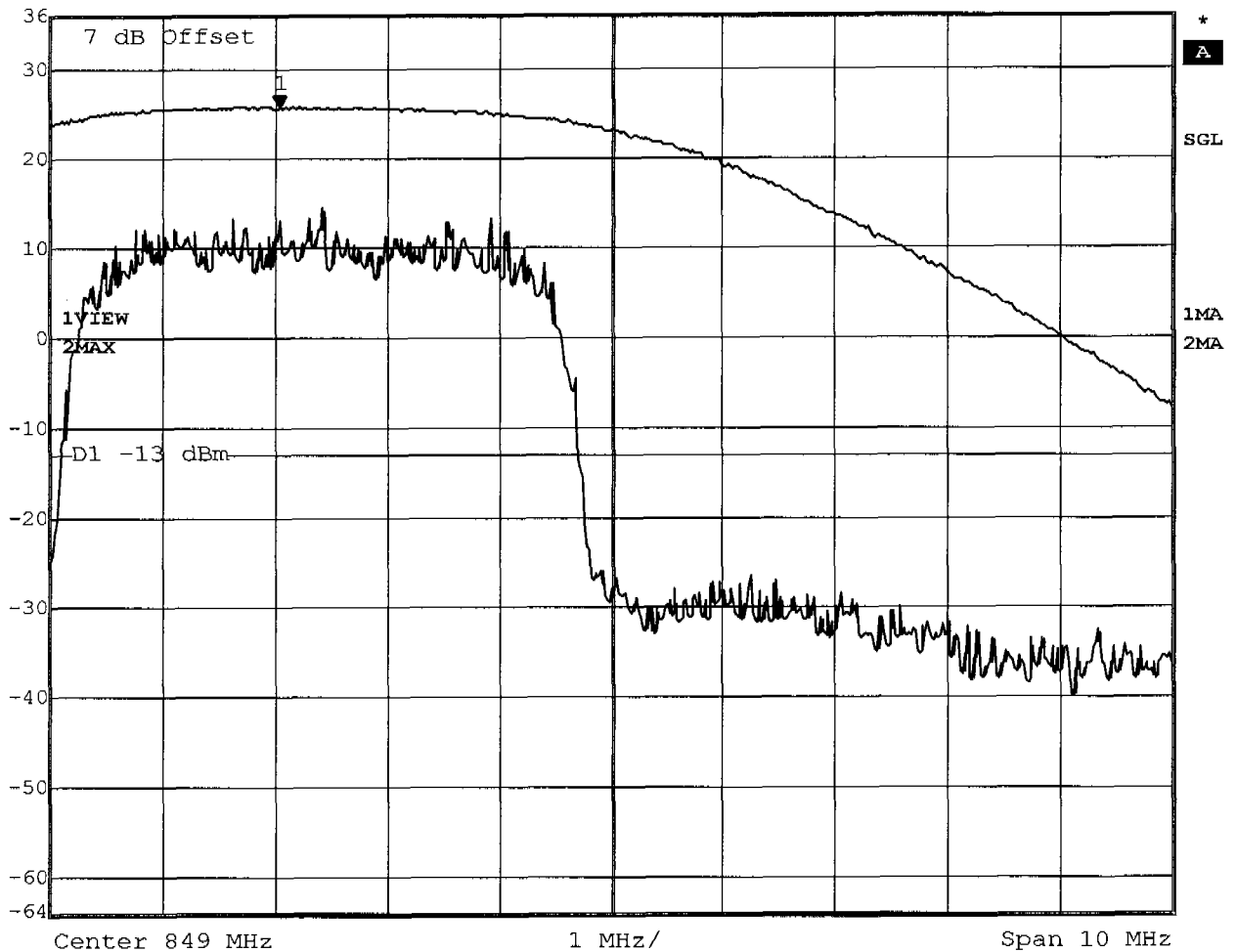
Measurement diagram

**FCC Part 22 H
Higher Block edge**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 4232
Comment 2	
Comment 3	



Ref Lvl	36 dBm	Marker 1 [T1]	25.71 dBm	RBW	50 kHz	RF Att	50 dB
			846.04408818 MHz	VBW	50 kHz	Unit	dBm
				SWT	10 ms		

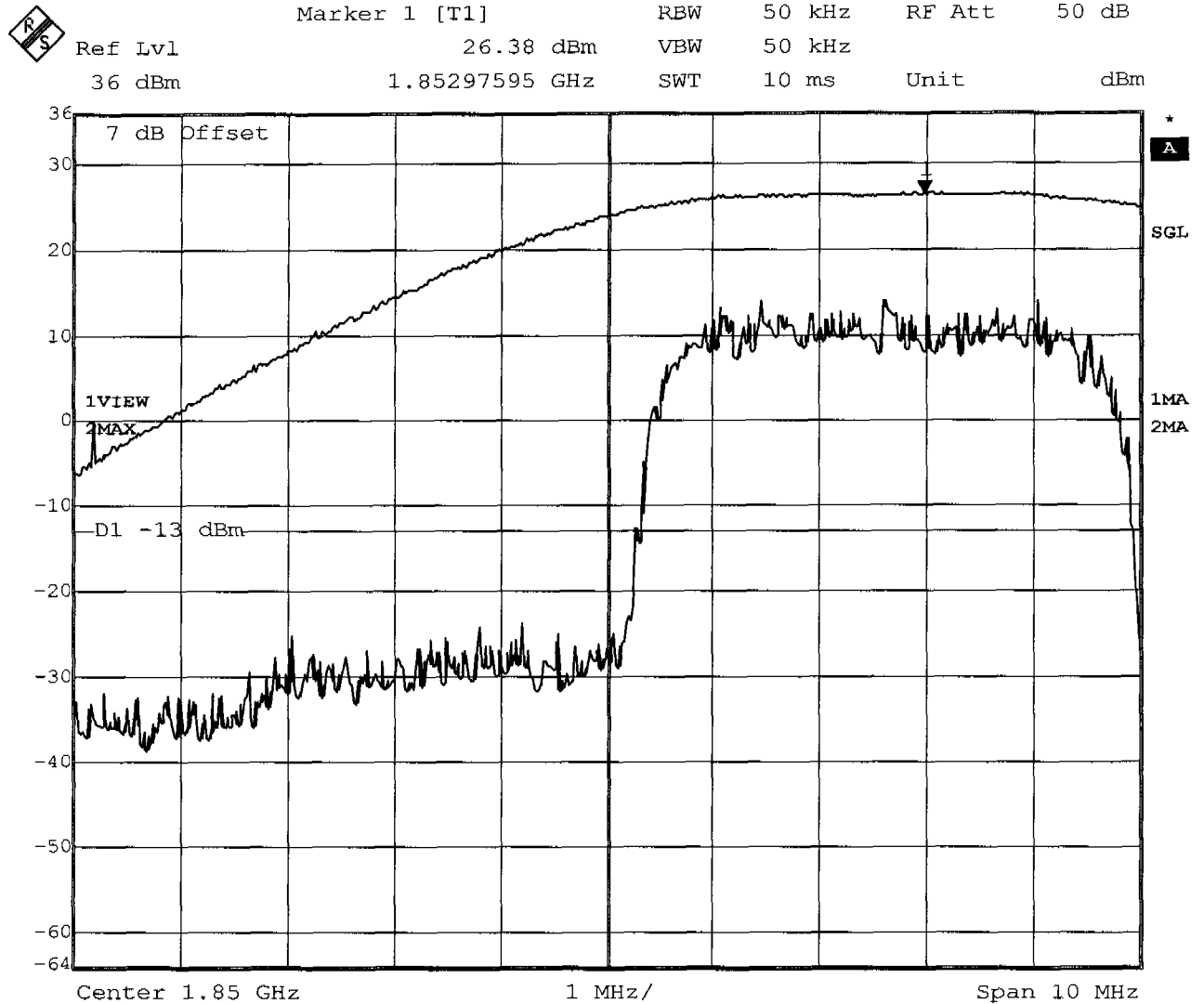


Date: 18.APR.2008 13:00:41

Measurement diagram

**FCC Part 24 E
Lower Block edge**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9263
Comment 2	
Comment 3	



Date: 18.APR.2008 12:55:01

Measurement diagram

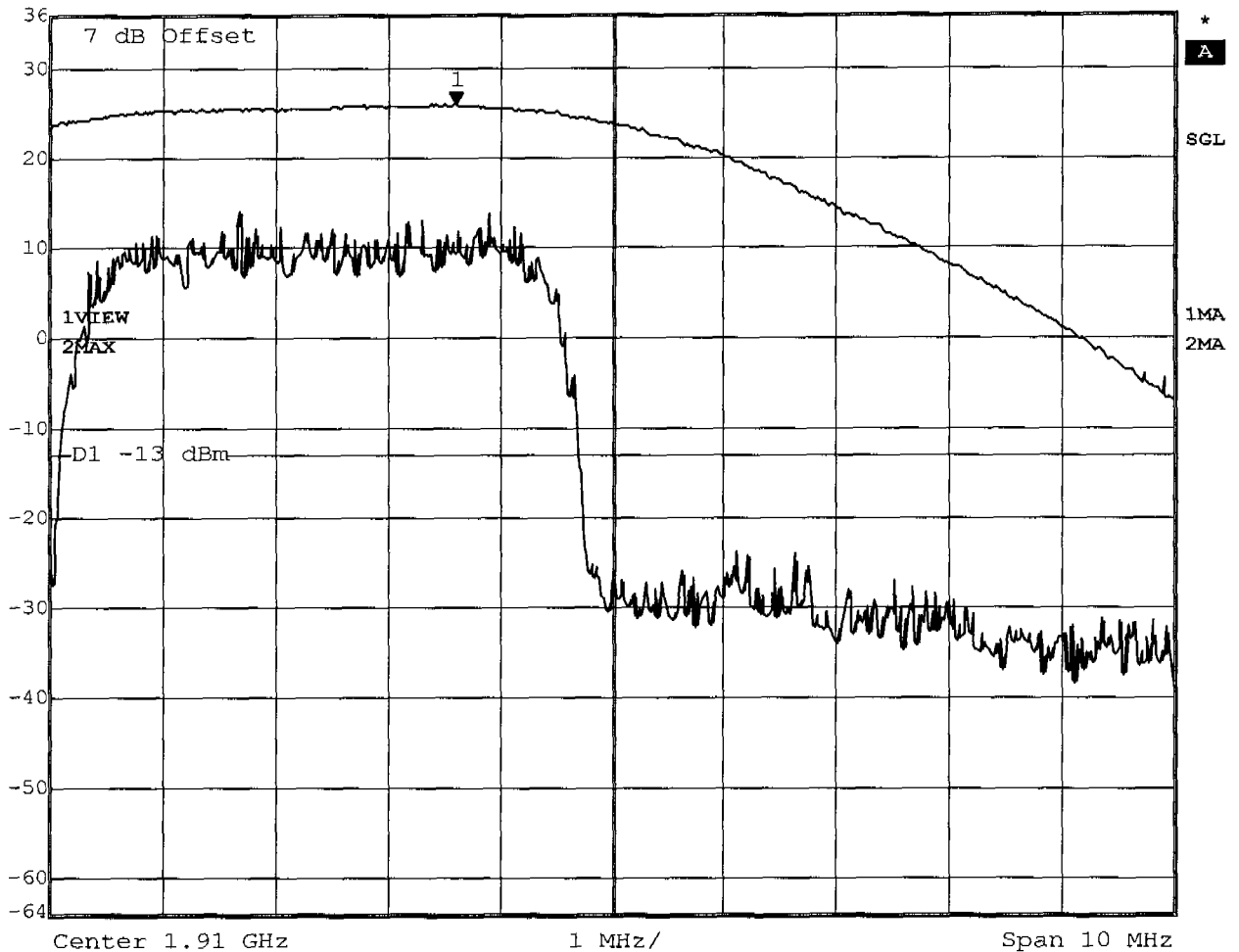
 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC Part 24 E
Higher Block edge**

EUT	UMTS GSM PHONE
Model	C610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 9537
Comment 2	
Comment 3	



Ref Lvl	Marker 1 [T1]	RBW	50 kHz	RF Att	50 dB
36 dBm	25.85 dBm	VBW	50 kHz		
	1.90860721 GHz	SWT	10 ms	Unit	dBm



Date: 18.APR.2008 12:55:31

Measurement diagram

 Eurofins ETS Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Annex G

AC power line conducted emissions

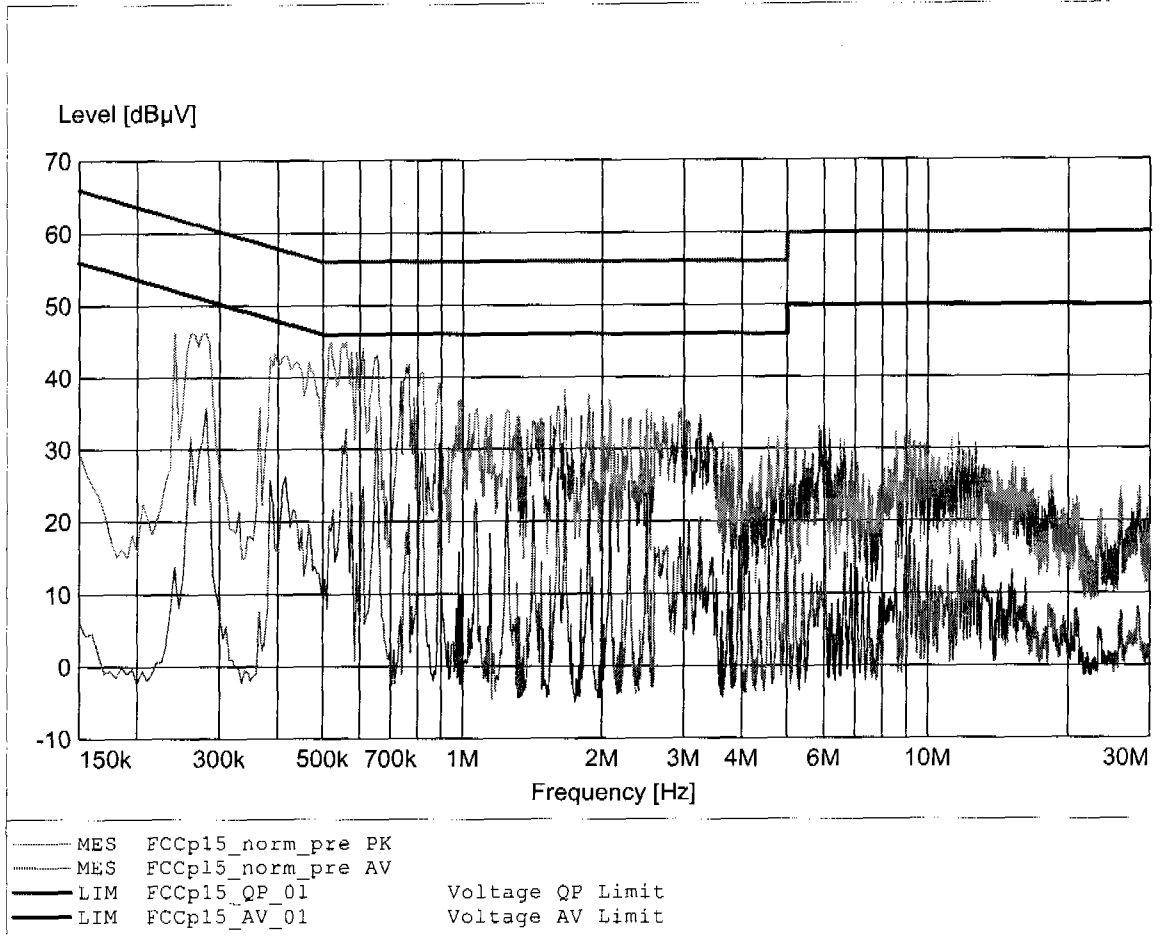
Test Report No.: G5M208010006-C-1

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Annex G

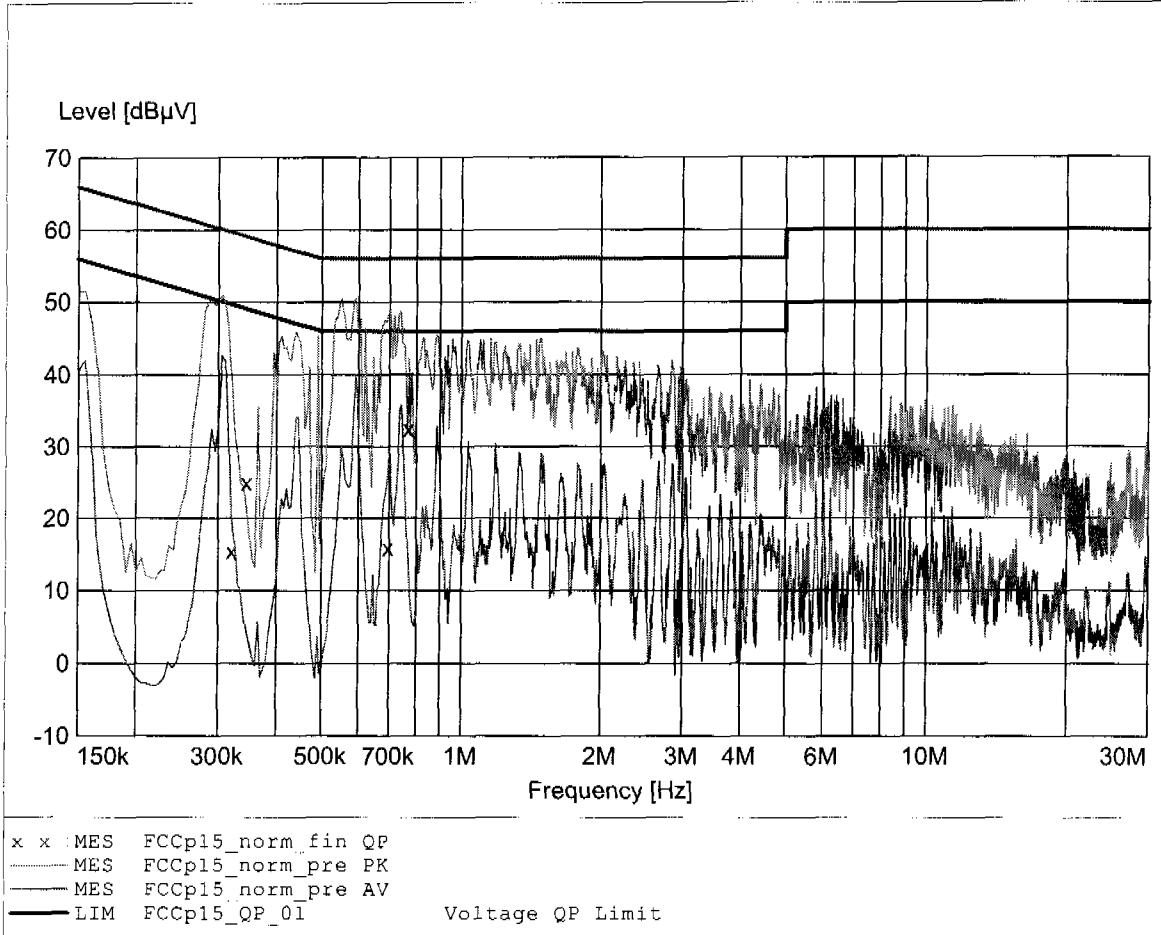
EMI voltage test in the ac-mains according to FCC part 15

Approval Holder: Pantech Co., Ltd.
EUT: UMTS GSM phone
Model: C610
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Pflug
Test Conditions: Unom: 120 V AC (AC/DC-ADAPTOR), Tnom: 23°C
Test Specification: V-Network: ESH2-Z5 (L1)
Comment 1: mode: charging
Comment 2: adaptor: pantech



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

Approval Holder: Pantech Co., Ltd.
EUT: UMTS GSM phone
Model: C610
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Pflug
Test Conditions: Unom: 120 V AC (AC/DC-ADAPTOR), Tnom: 23°C
Test Specification: V-Network: ESH2-Z5 (N)
Comment 1: mode: charging
Comment 2: adaptor: pantech



Annex H

Receiver radiated emission

Test Report No.: G5M208010006-C-1

Eurofins ETS Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

Annex H