

## **Appendix B**

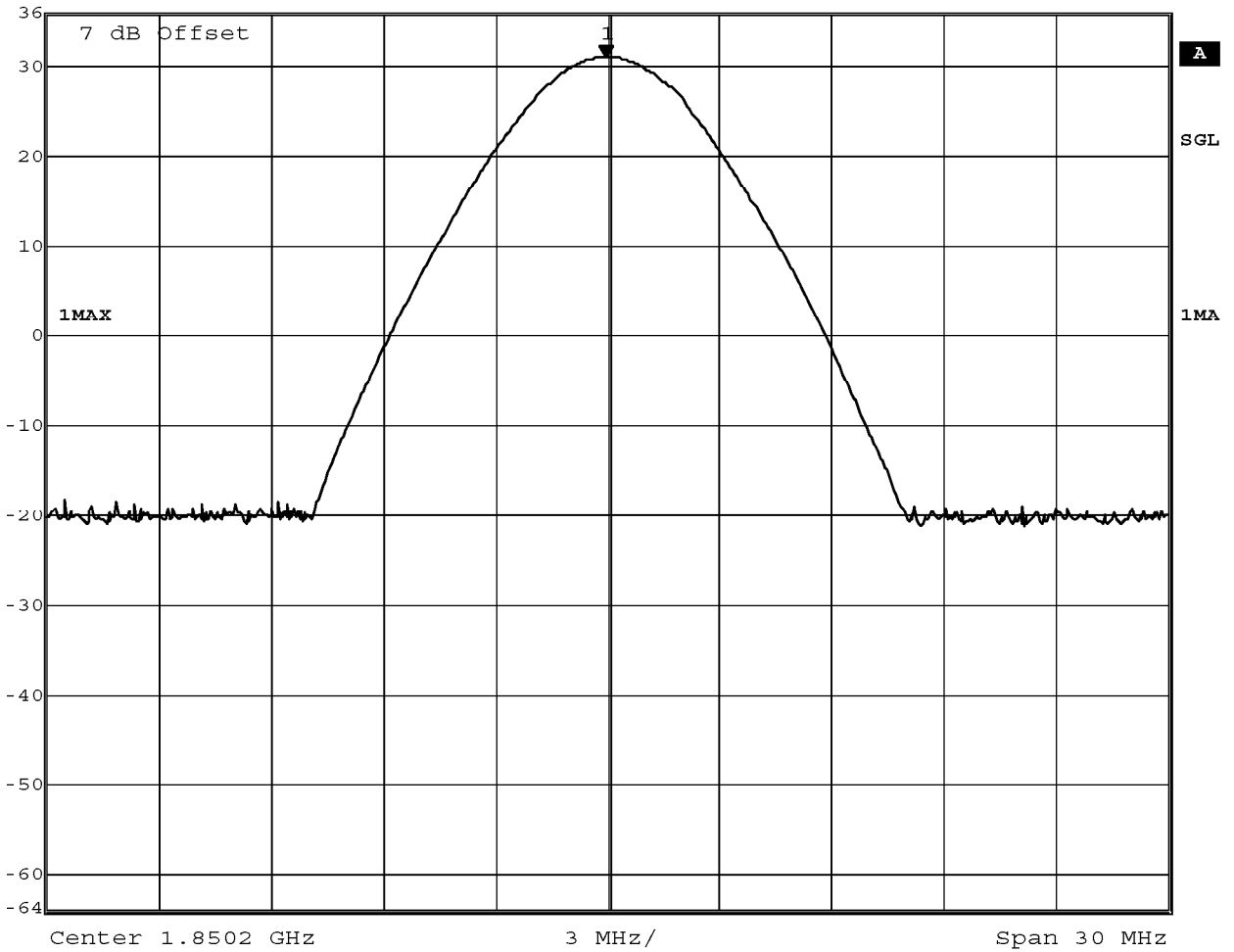
RF power output conducted

**FCC Part 24 E**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	30.91 dBm	VBW	3 MHz	
36 dBm	1.85016994 GHz	SWT	5 ms	Unit dBm



Date: 8.DEC.2006 18:31:10

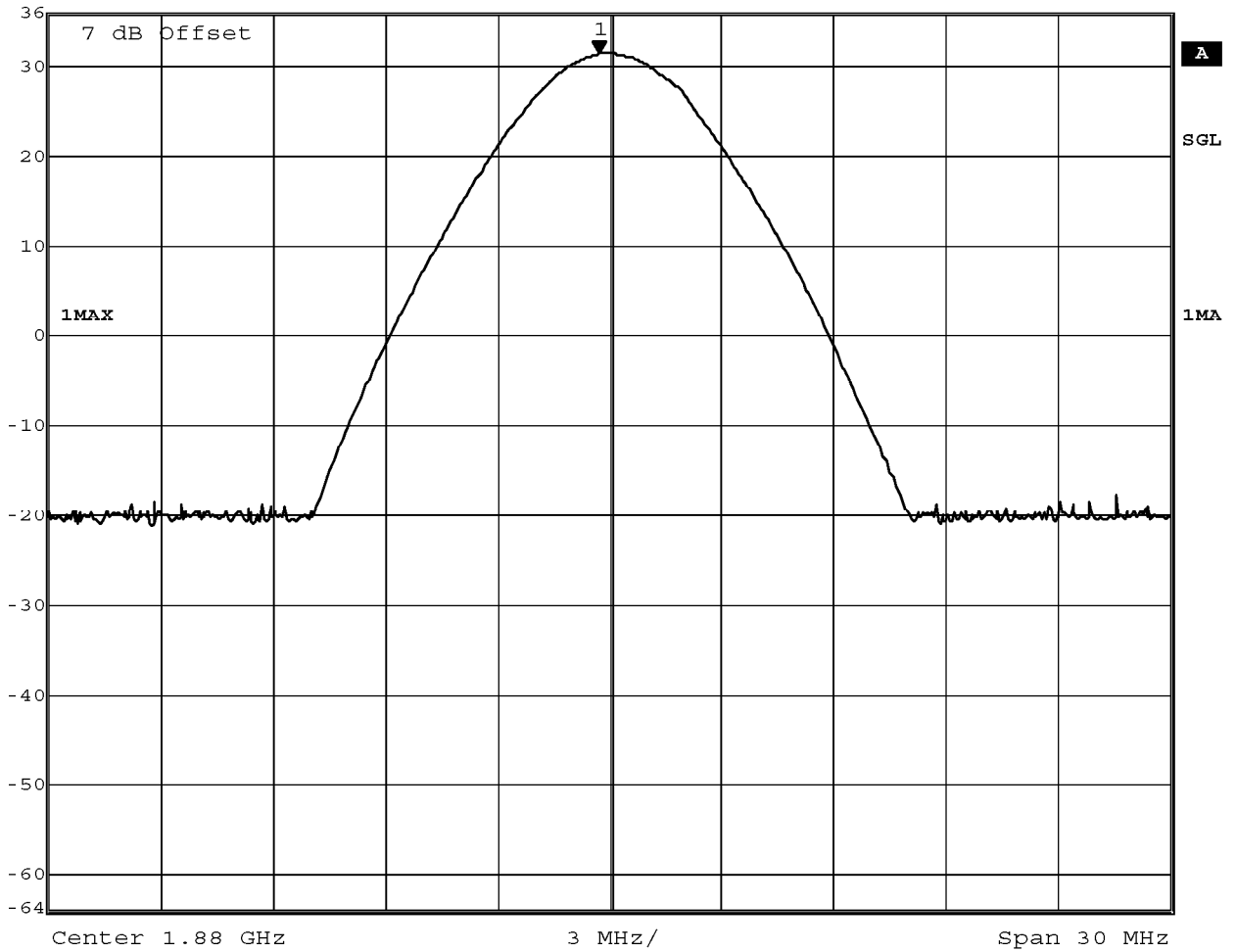
Measurement diagram

**FCC Part 24 E  
Output power conducted**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 661



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	31.28 dBm	VBW	3 MHz	
36 dBm	1.87972946 GHz	SWT	5 ms	Unit dBm



Date: 8.DEC.2006 18:30:36

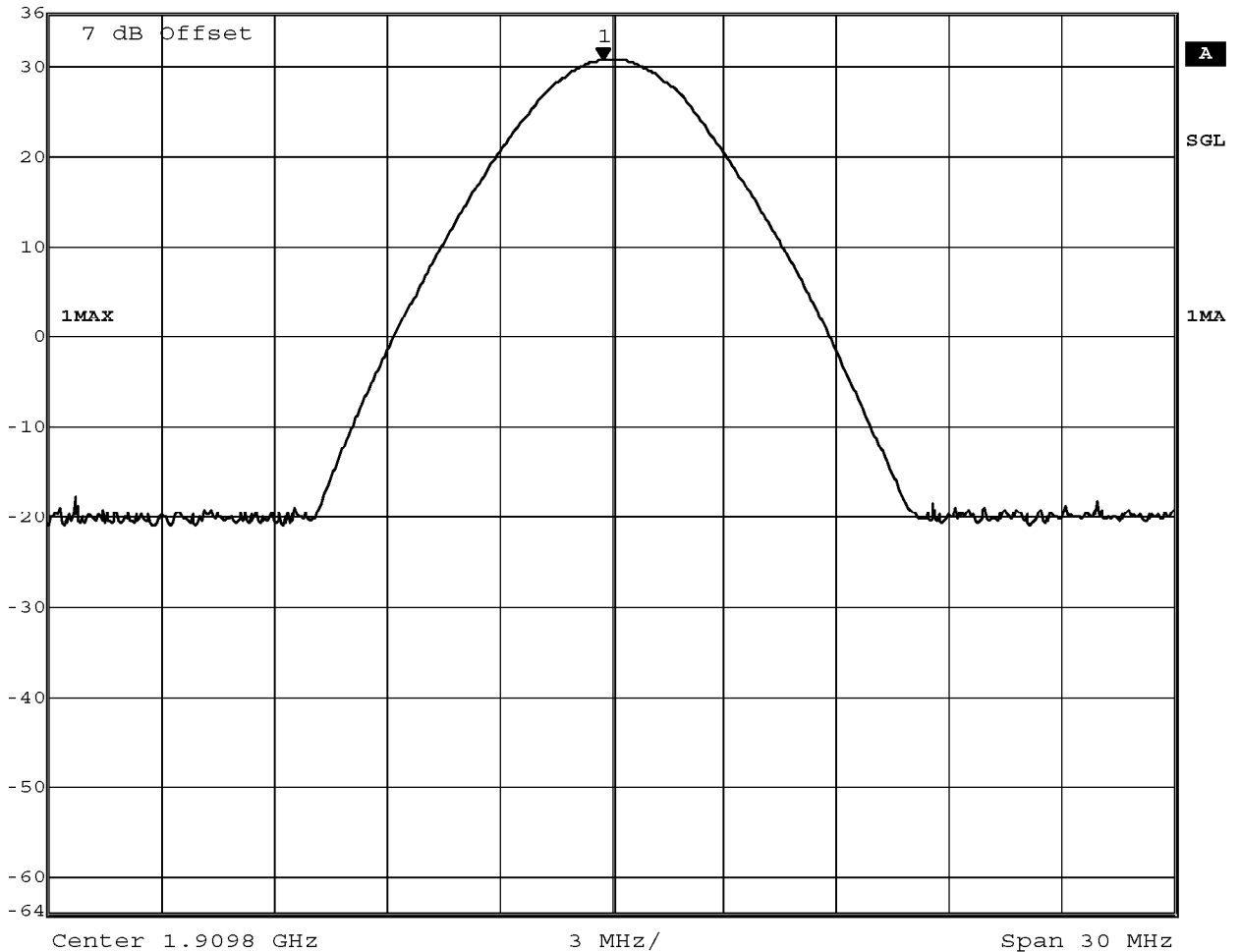
Measurement diagram

**FCC Part 24 E**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	30.62 dBm	VBW	3 MHz	
36 dBm	1.90958958 GHz	SWT	5 ms	Unit dBm



Date: 8.DEC.2006 18:30:02

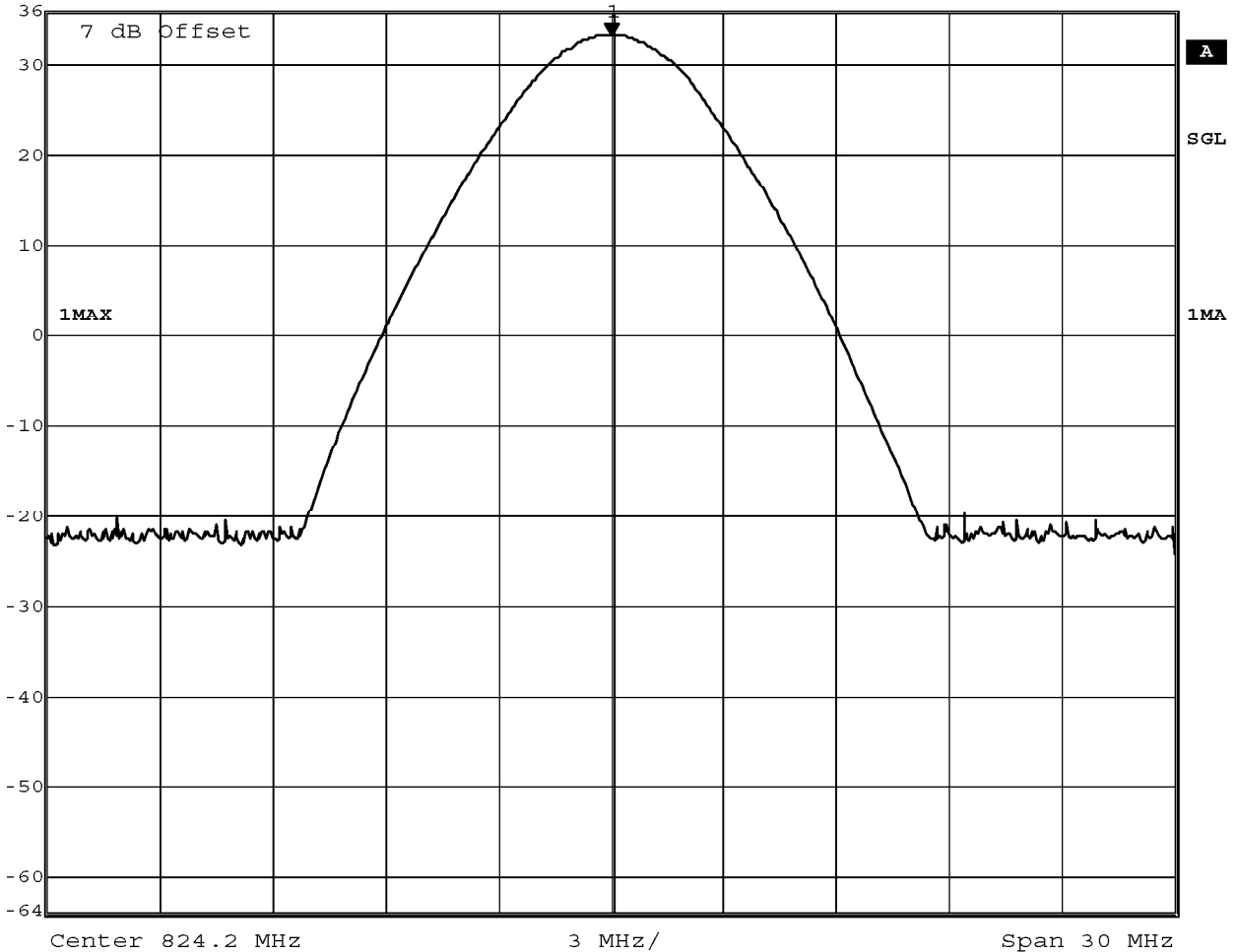
Measurement diagram

**FCC Part 22 H**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	33.14 dBm	VBW	3 MHz	
36 dBm	824.23006012 MHz	SWT	5 ms	Unit dBm



Date: 8.DEC.2006 18:22:02

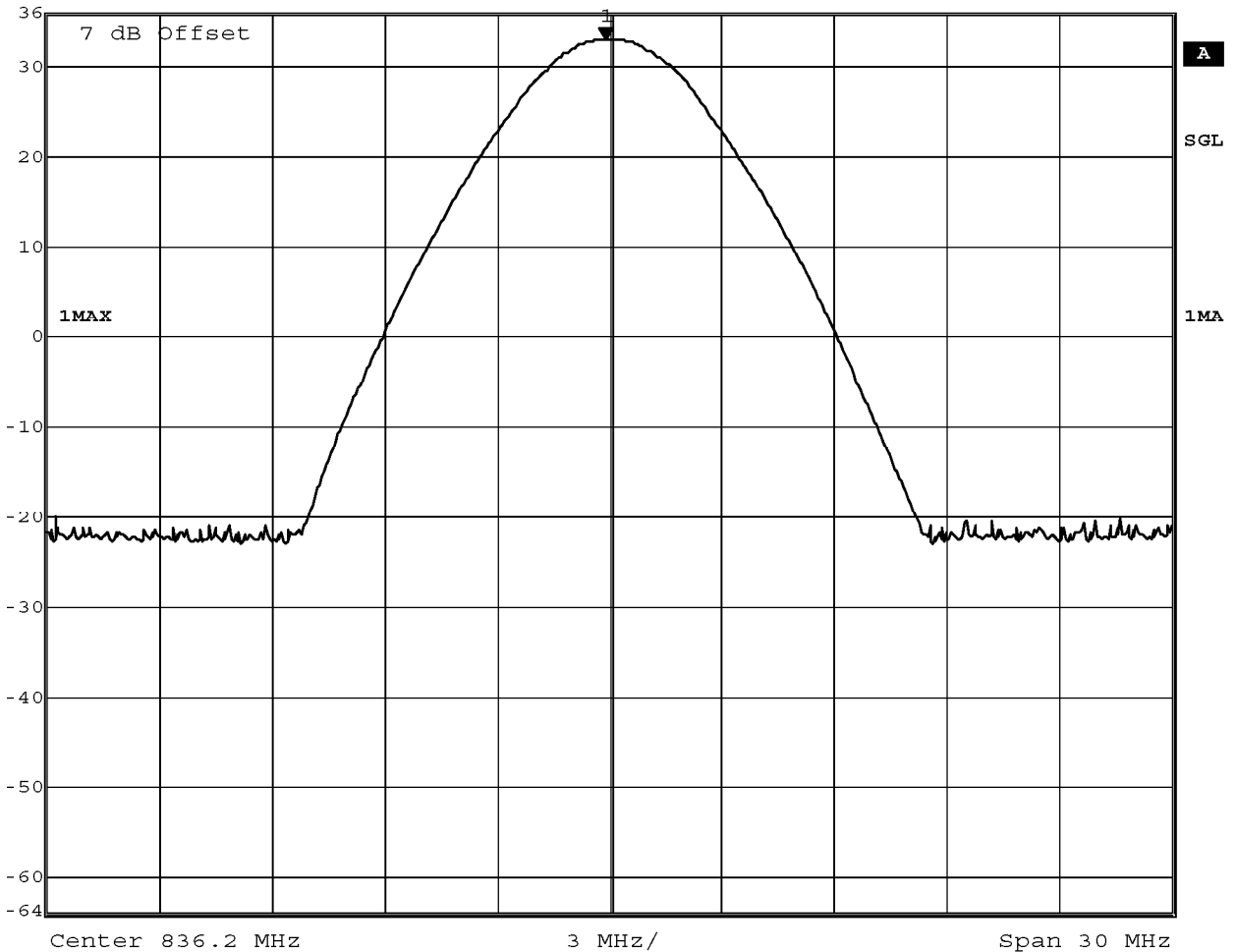
Measurement diagram

**FCC Part 22 H**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 188



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	32.93 dBm	VBW	3 MHz	
36 dBm	836.10981964 MHz	SWT	5 ms	Unit dBm



Date: 8.DEC.2006 18:21:09

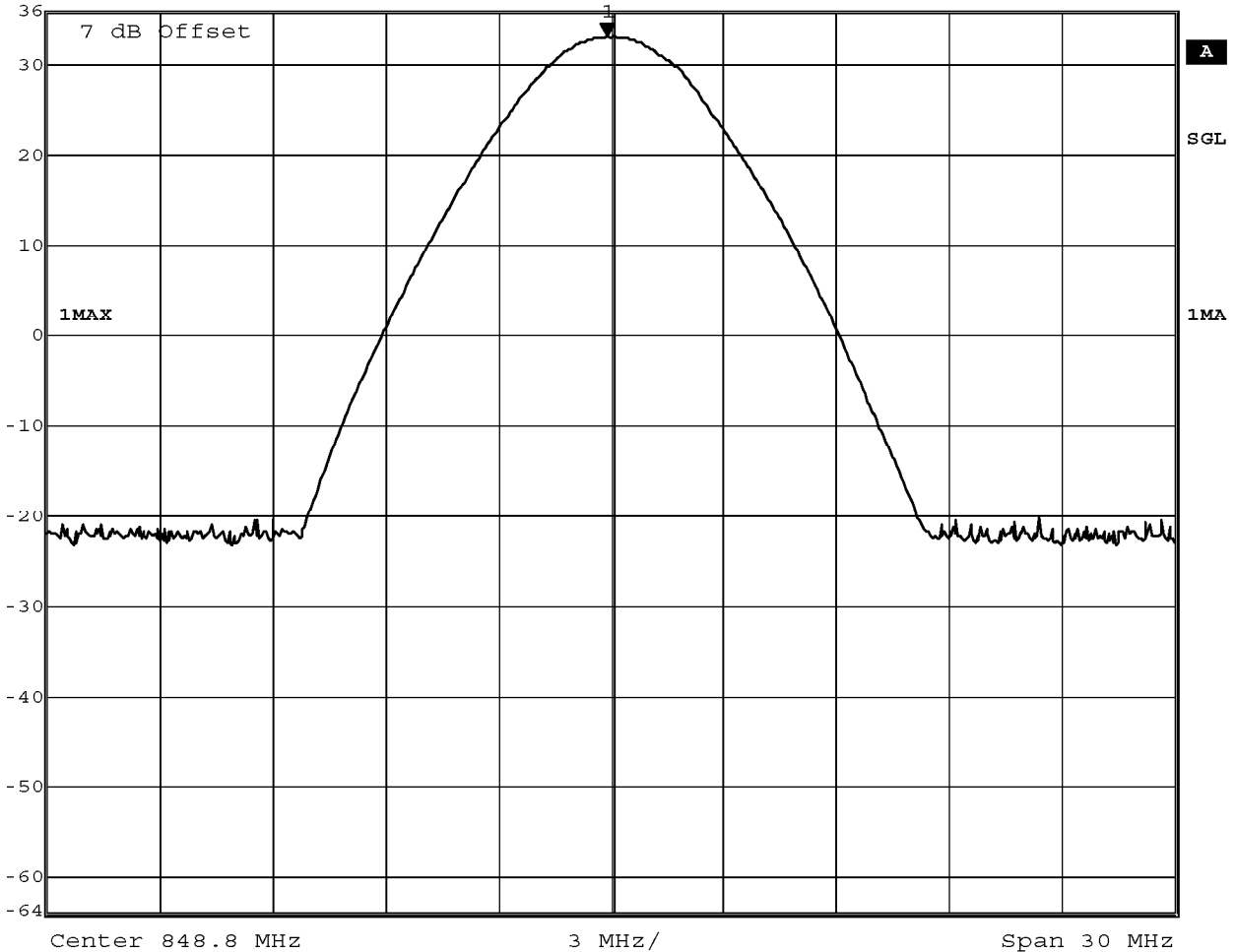
Measurement diagram

**FCC Part 22 H**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	33.03 dBm	VBW	3 MHz	
36 dBm	848.70981964 MHz	SWT	5 ms	Unit dBm



Date: 8.DEC.2006 18:20:31

Measurement diagram

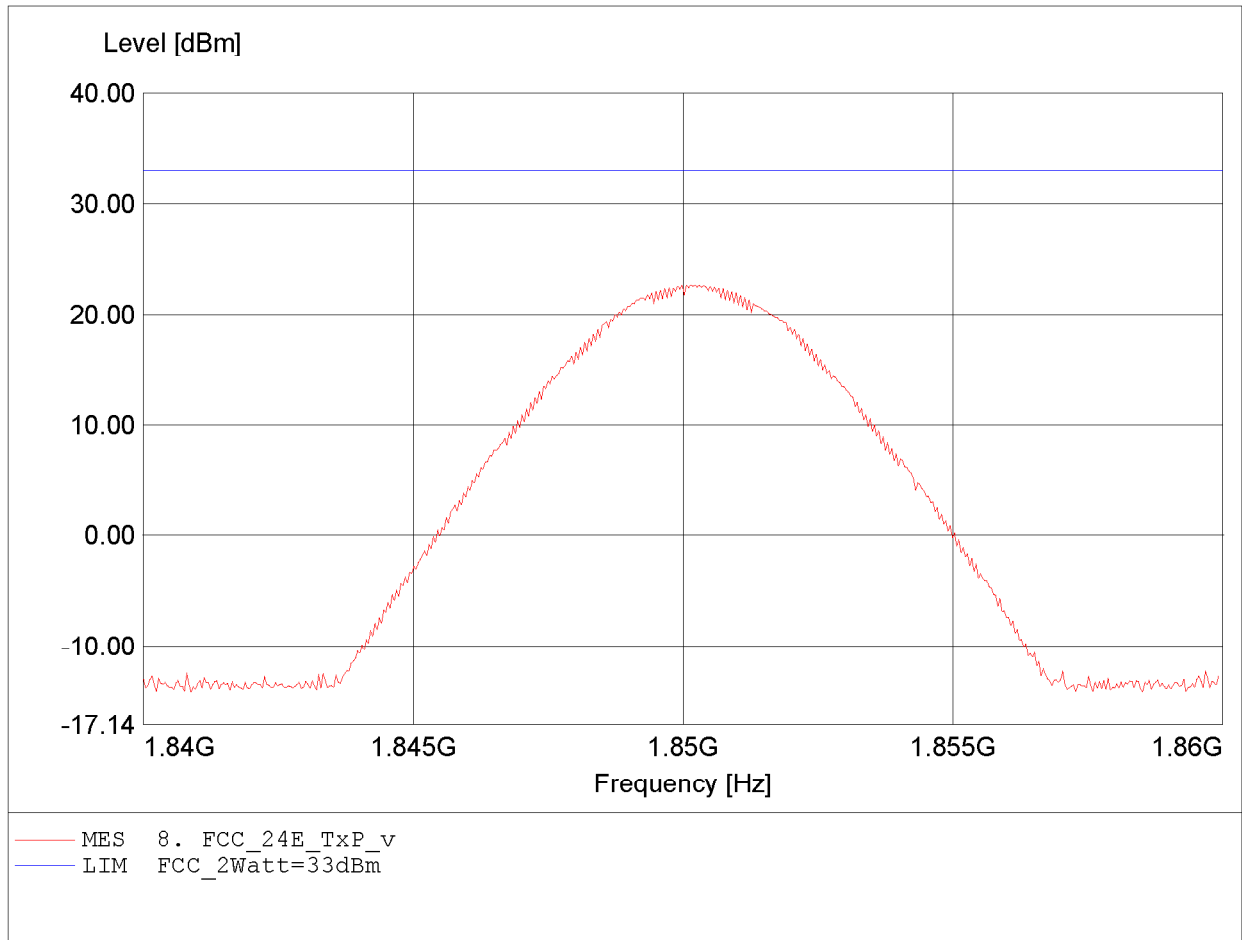
## Appendix C

RF power output radiated



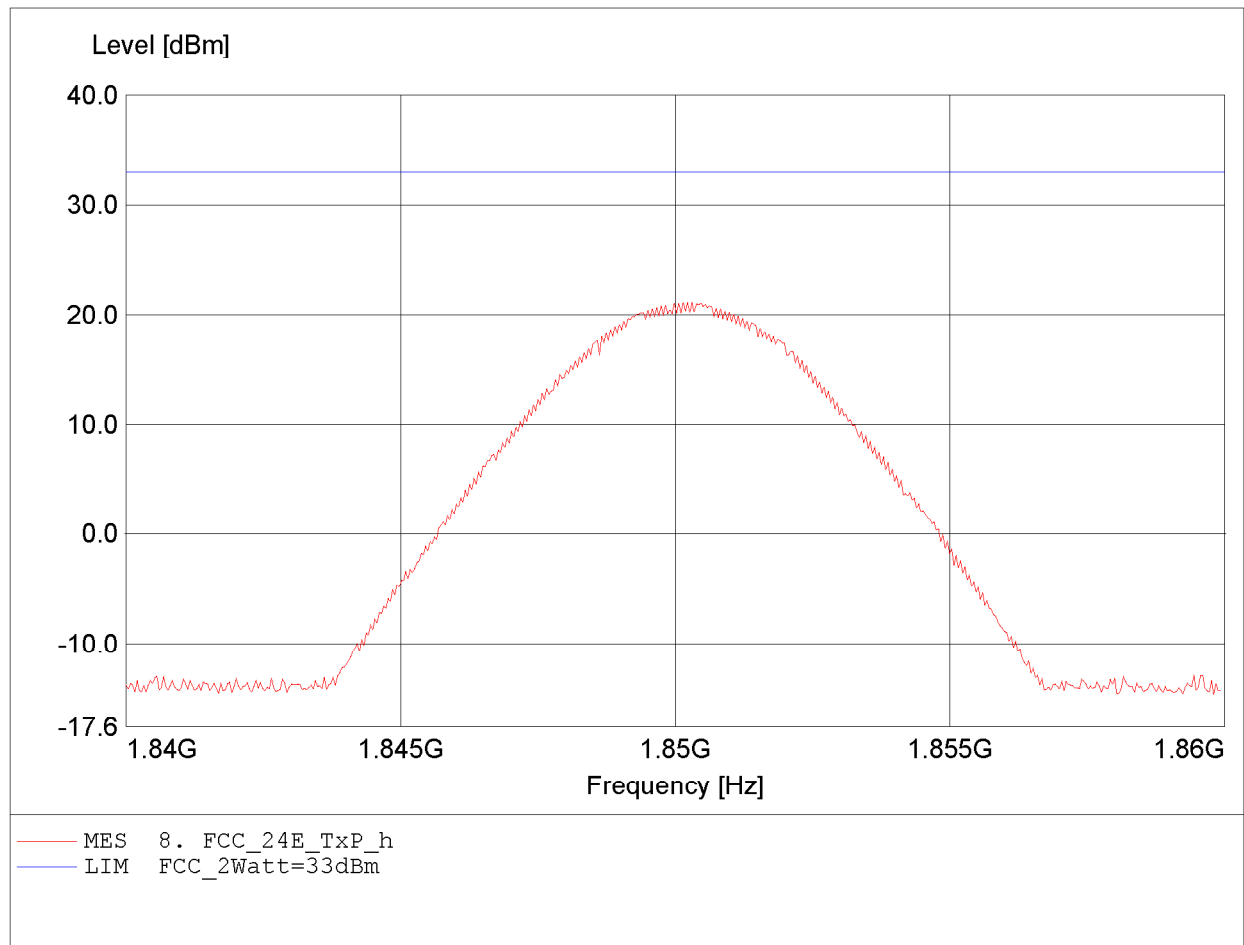
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 22.67dBm, RBW: 3MHz



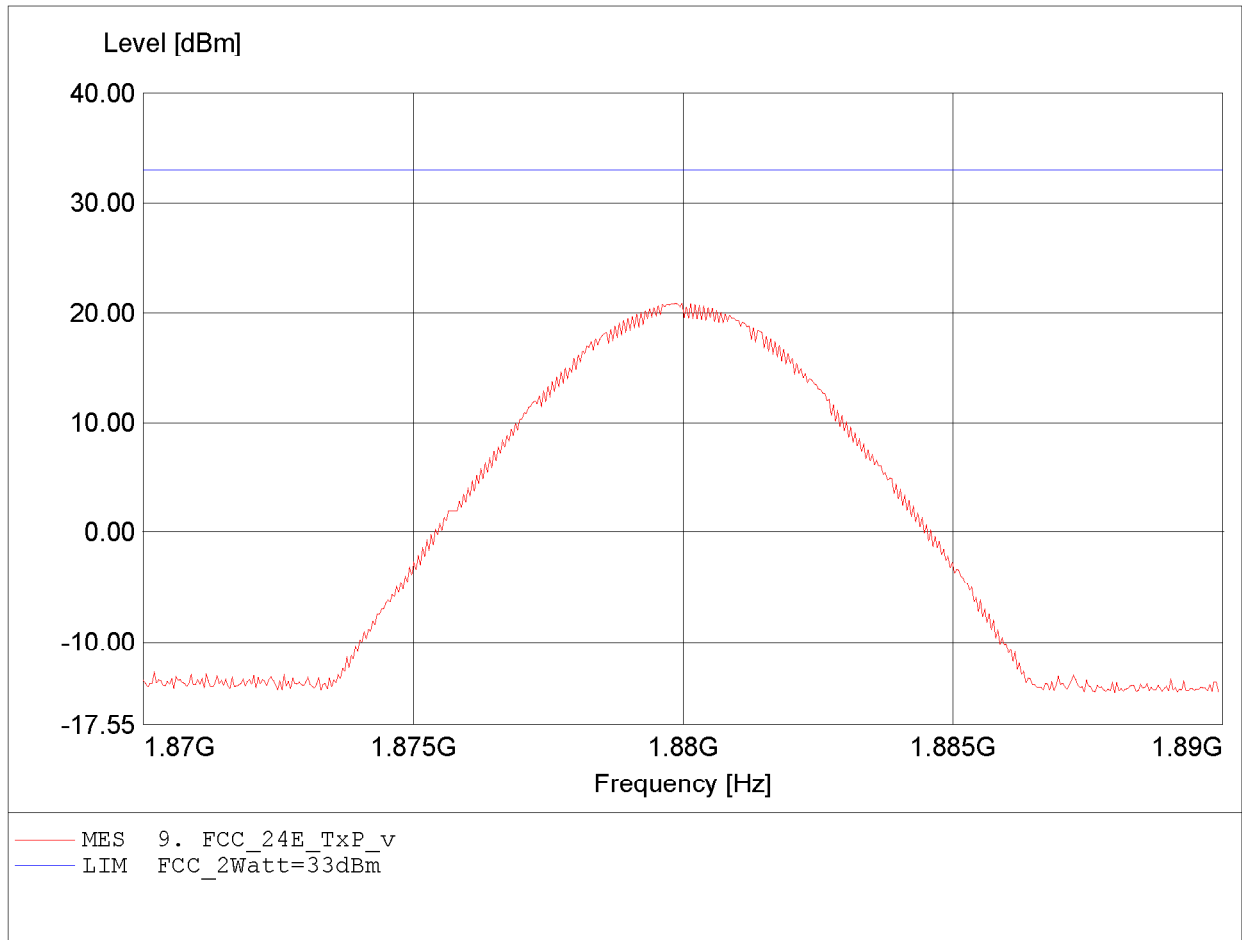
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 21.11dBm, RBW: 3MHz



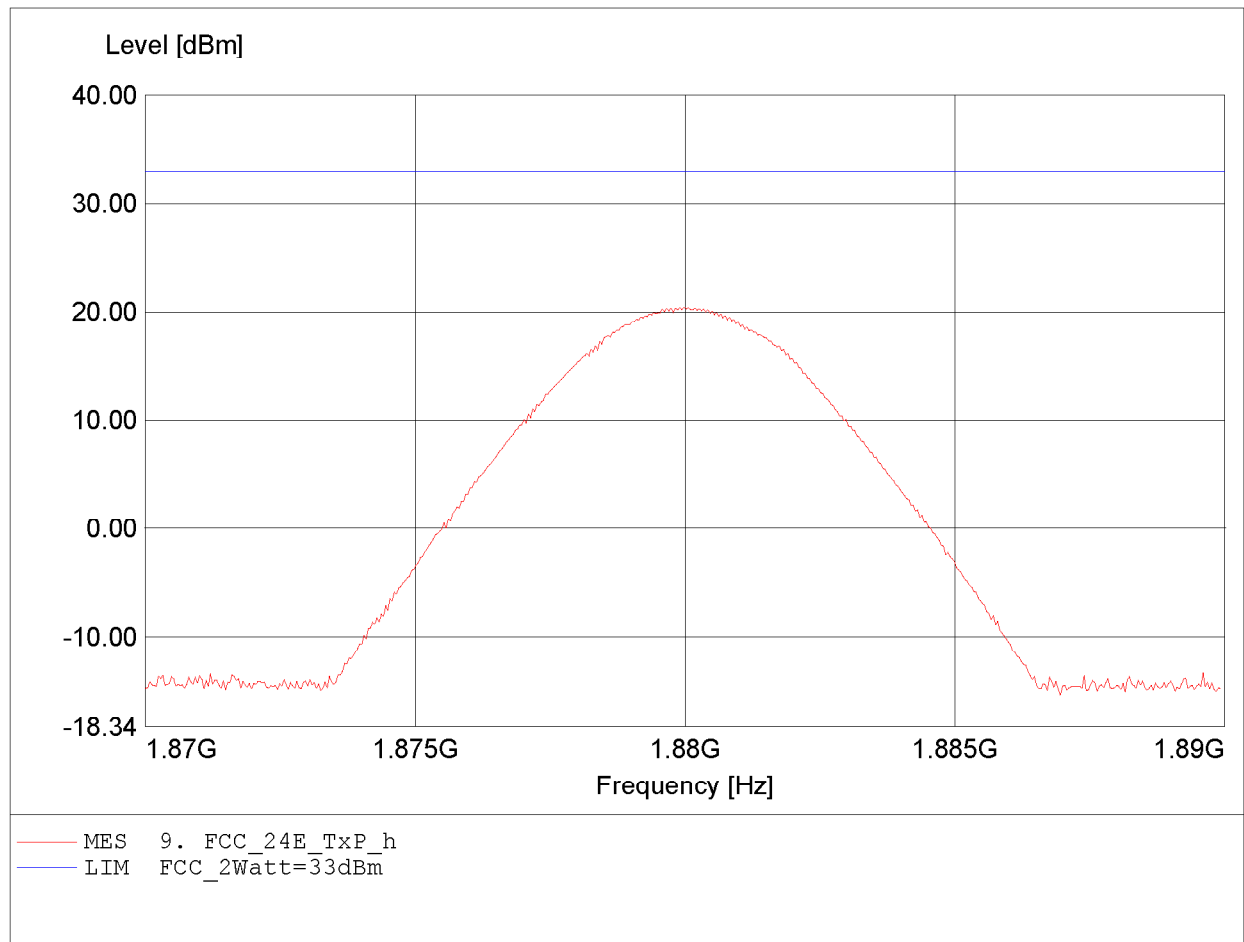
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 20.88dBm, RBW: 3MHz



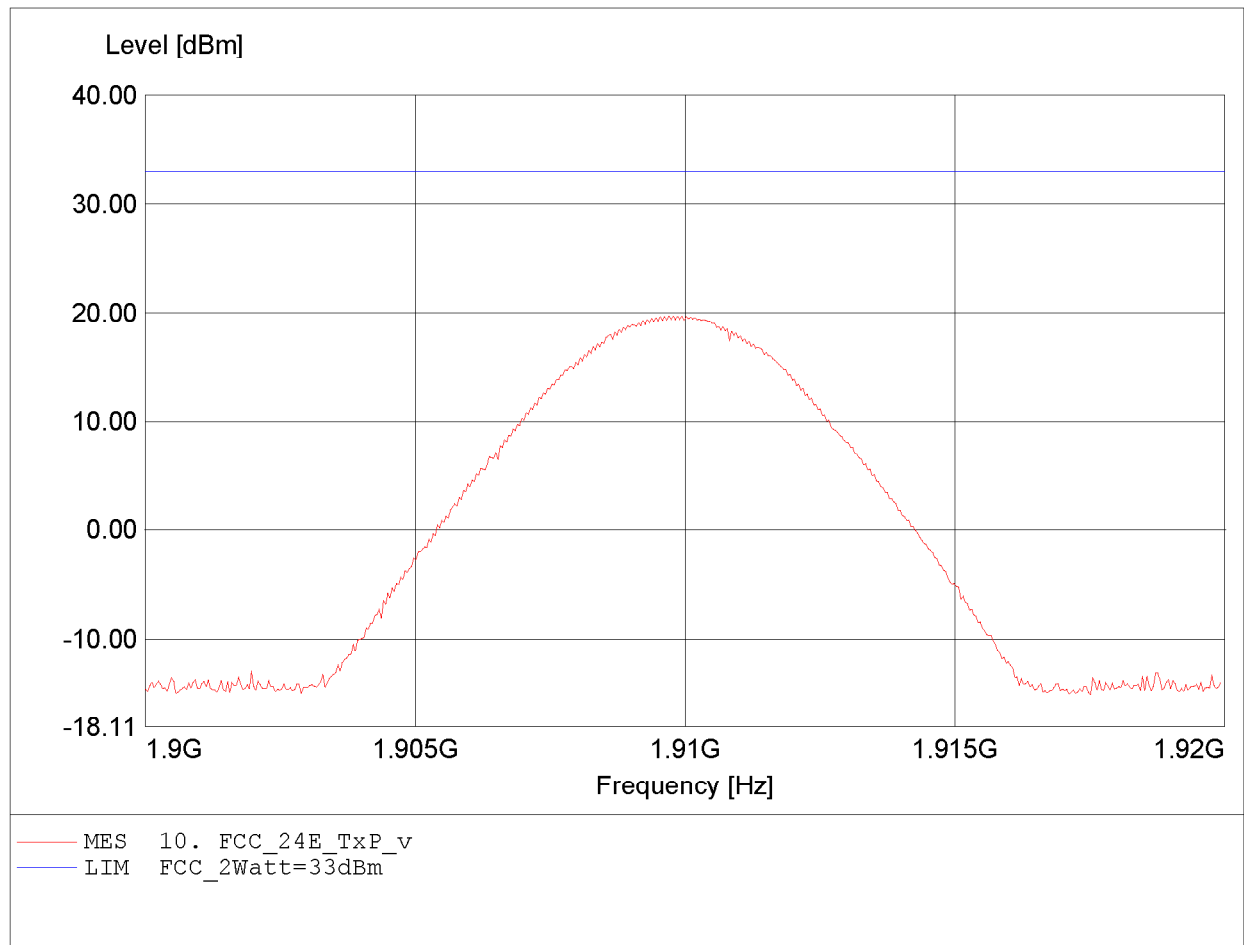
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 20.42dBm, RBW: 3MHz



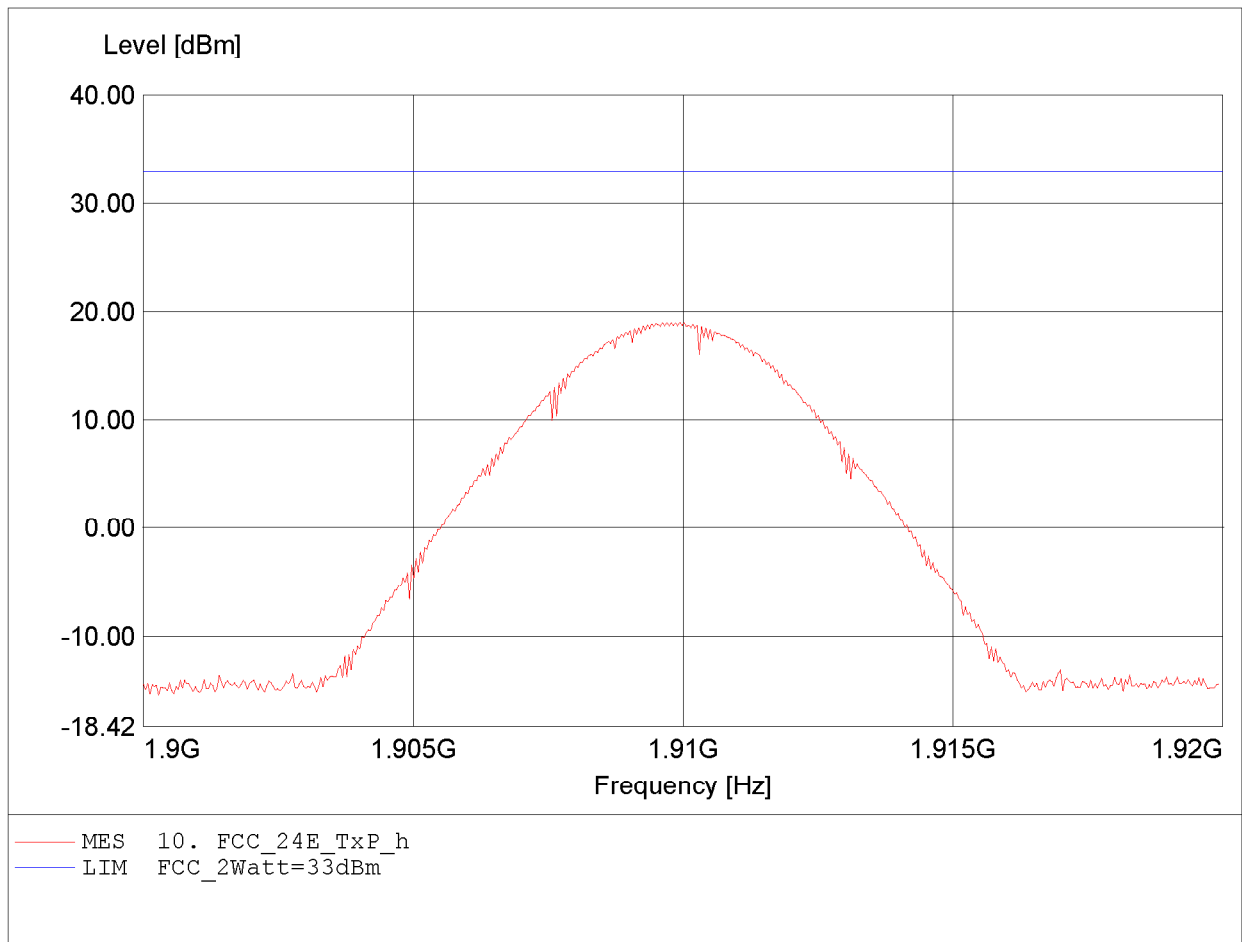
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to S24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 19.69dBm, RBW: 3MHz



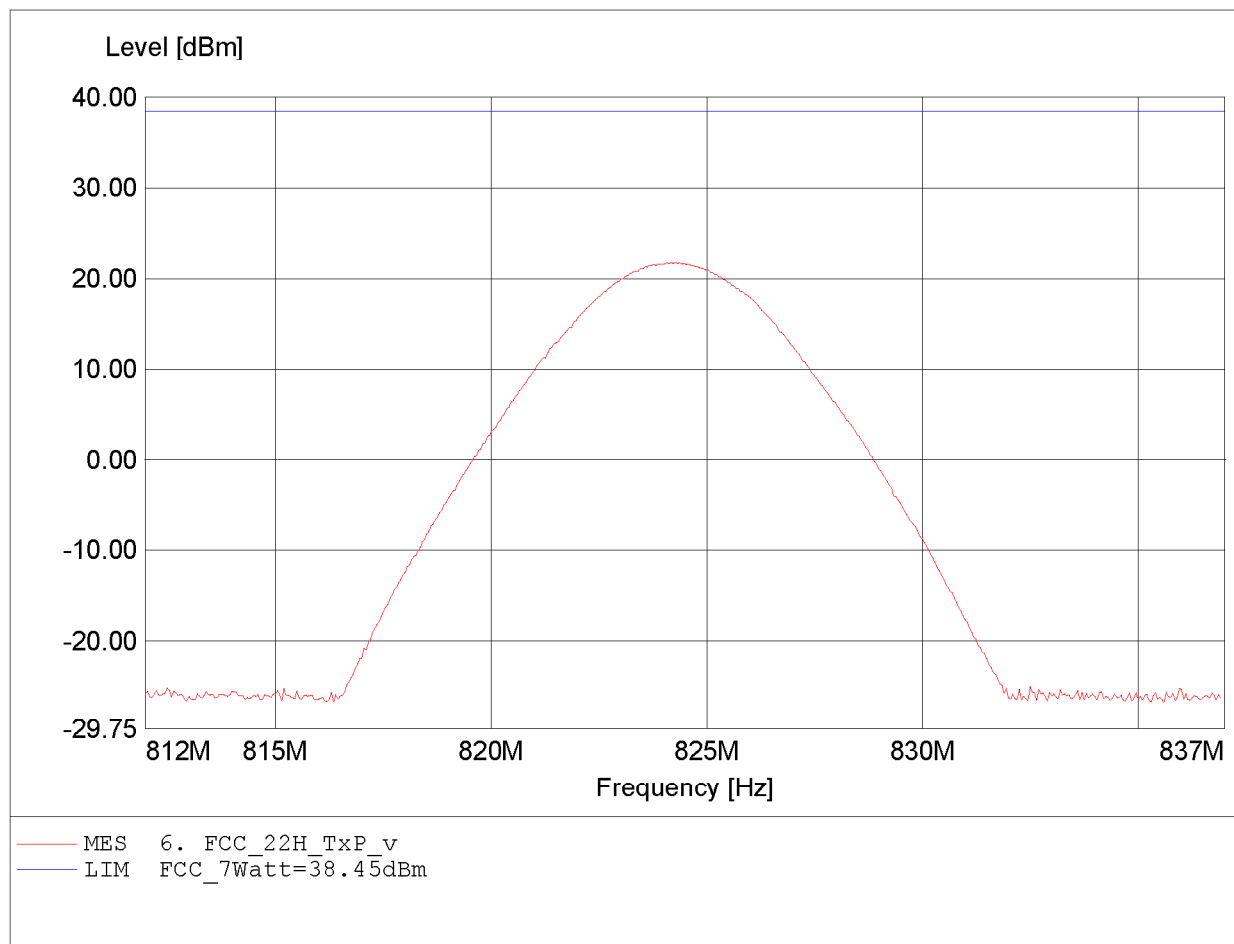
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 18.99dBm, RBW: 3MHz



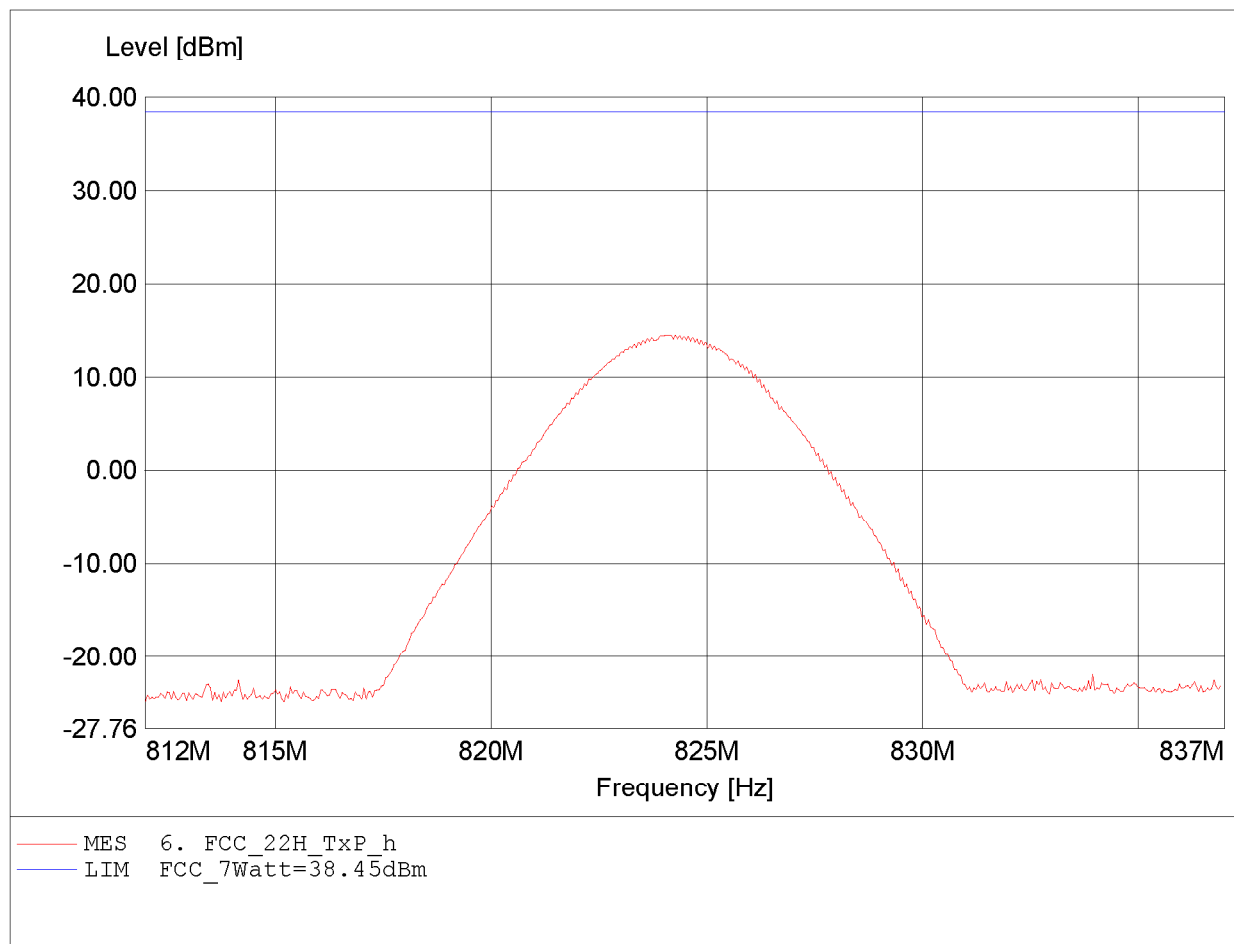
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.174MHz, Pmax: 21.73dBm, RBW: 3MHz



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

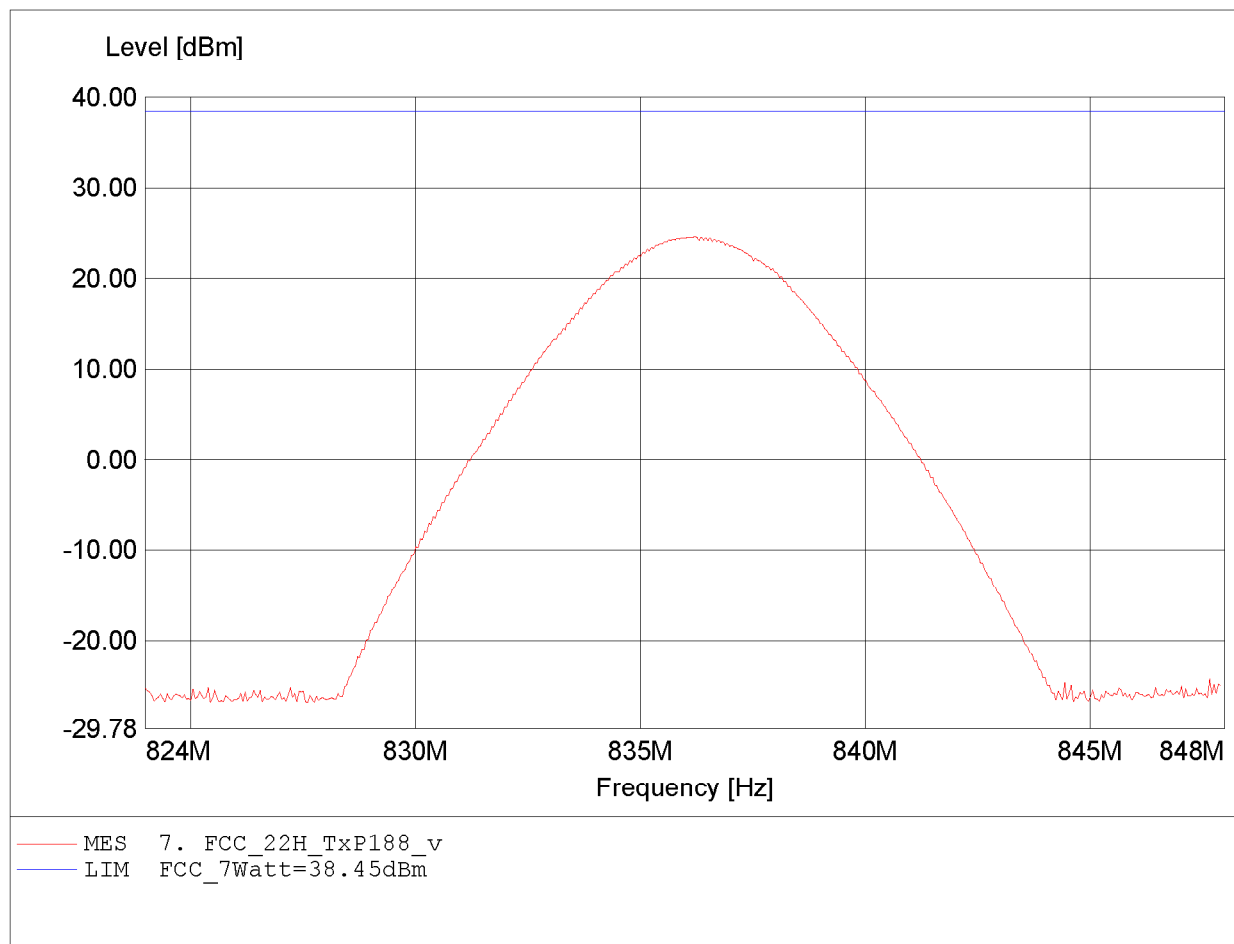
Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.275MHz, Pmax: 14.47dBm, RBW: 3MHz





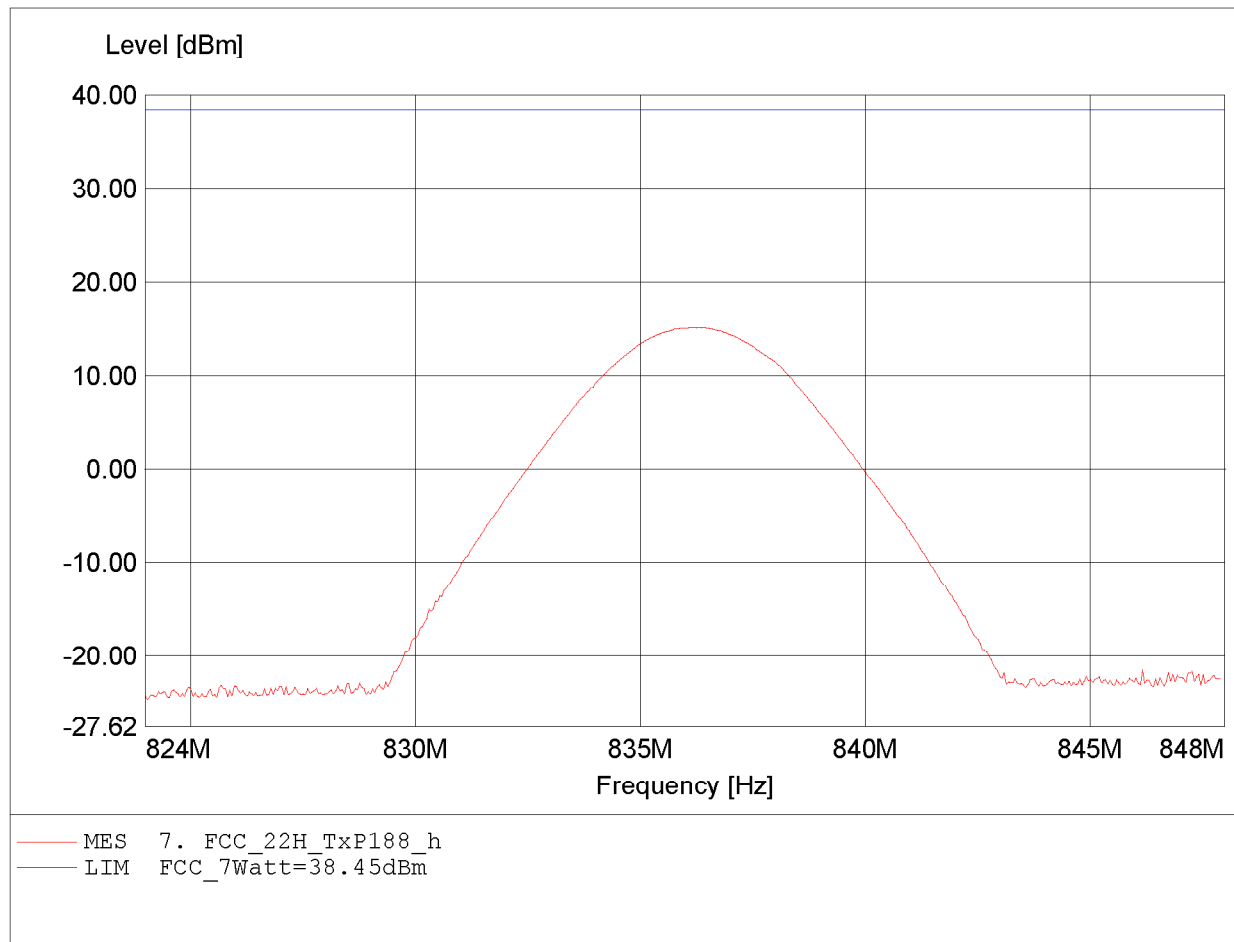
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.216MHz, Pmax: 24.61dBm, RBW: 3MHz



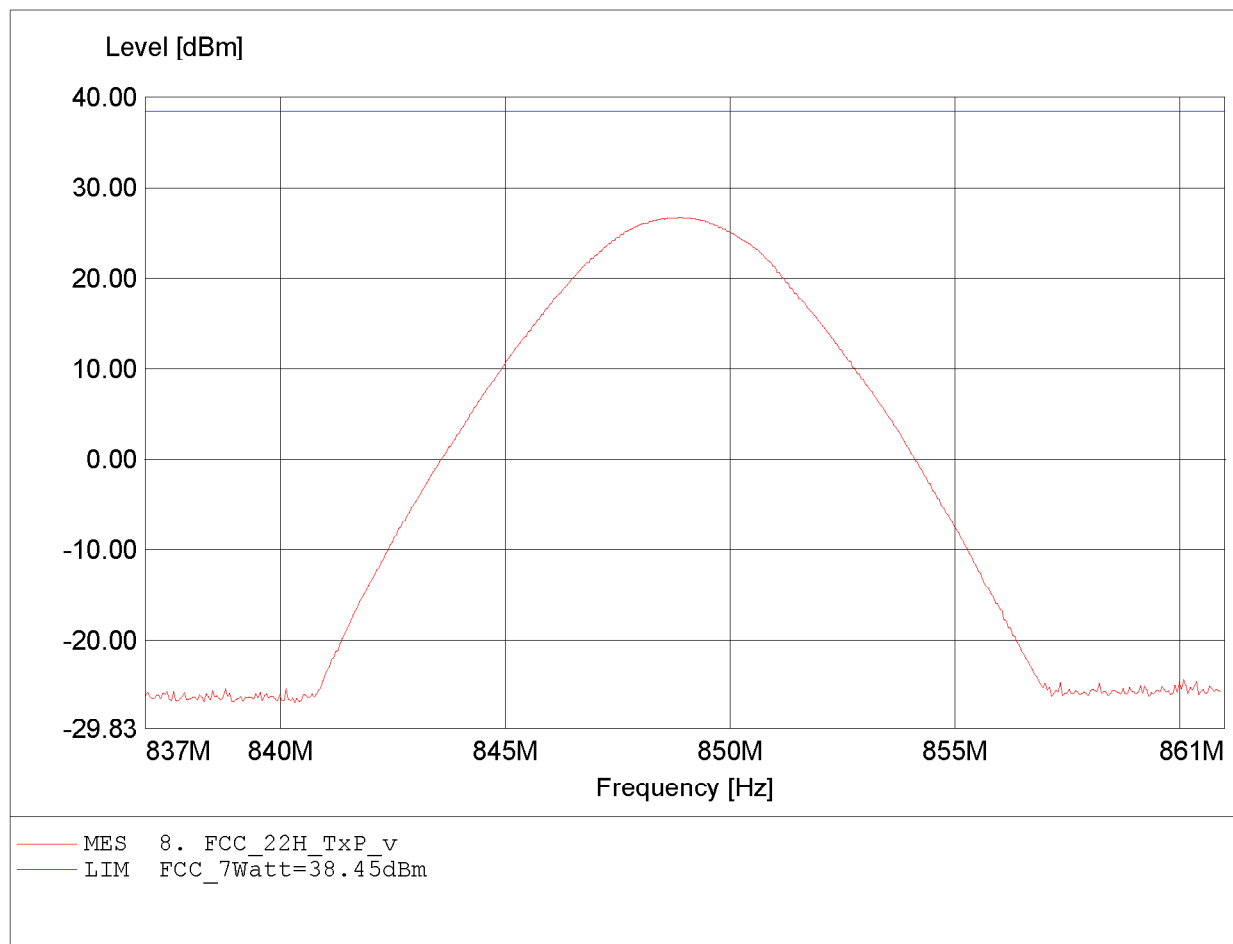
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.409MHz, Pmax: 15.18dBm, RBW: 3MHz



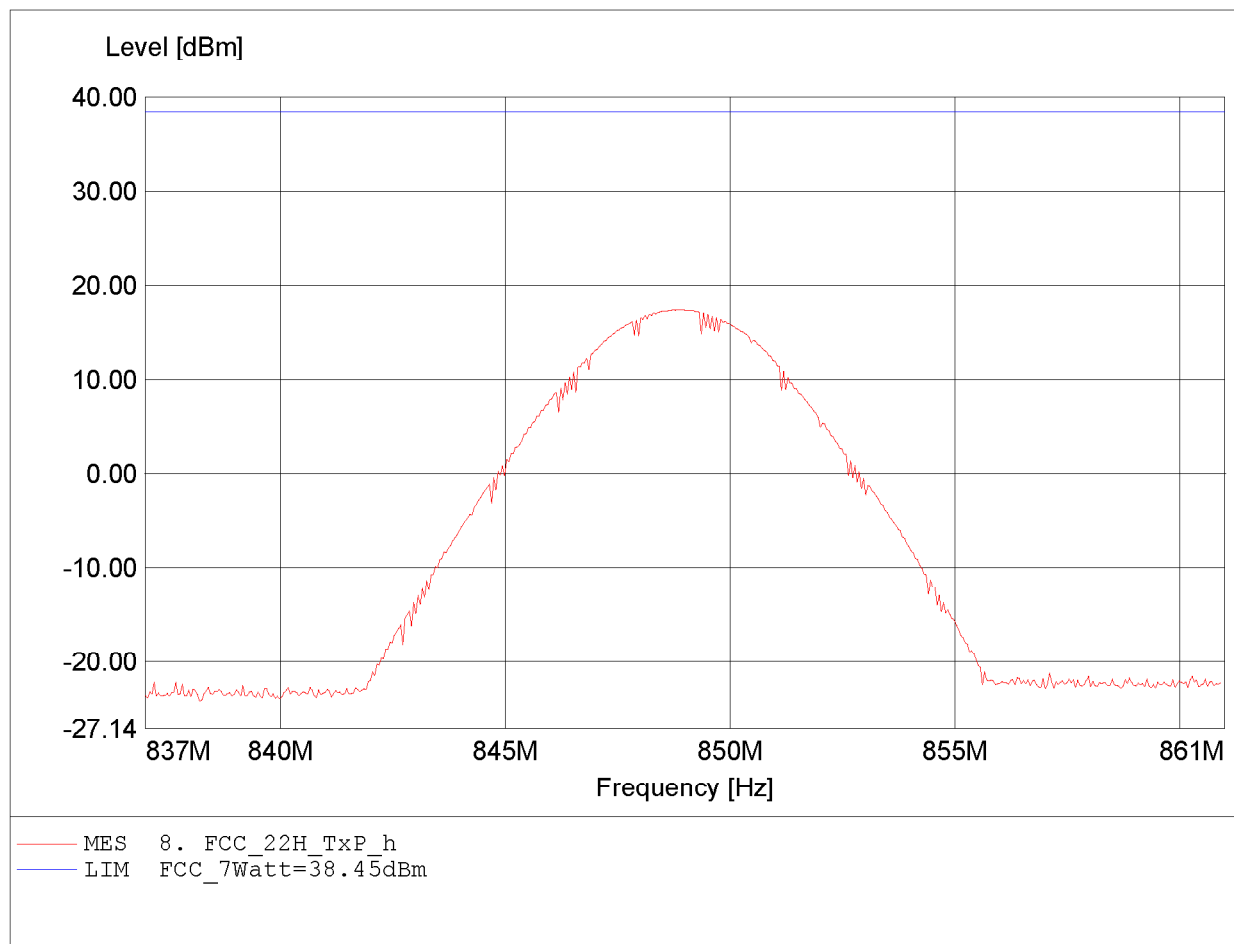
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.880MHz, Pmax: 26.74dBm, RBW: 3MHz



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

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.880MHz, Pmax: 17.47dBm, RBW: 3MHz



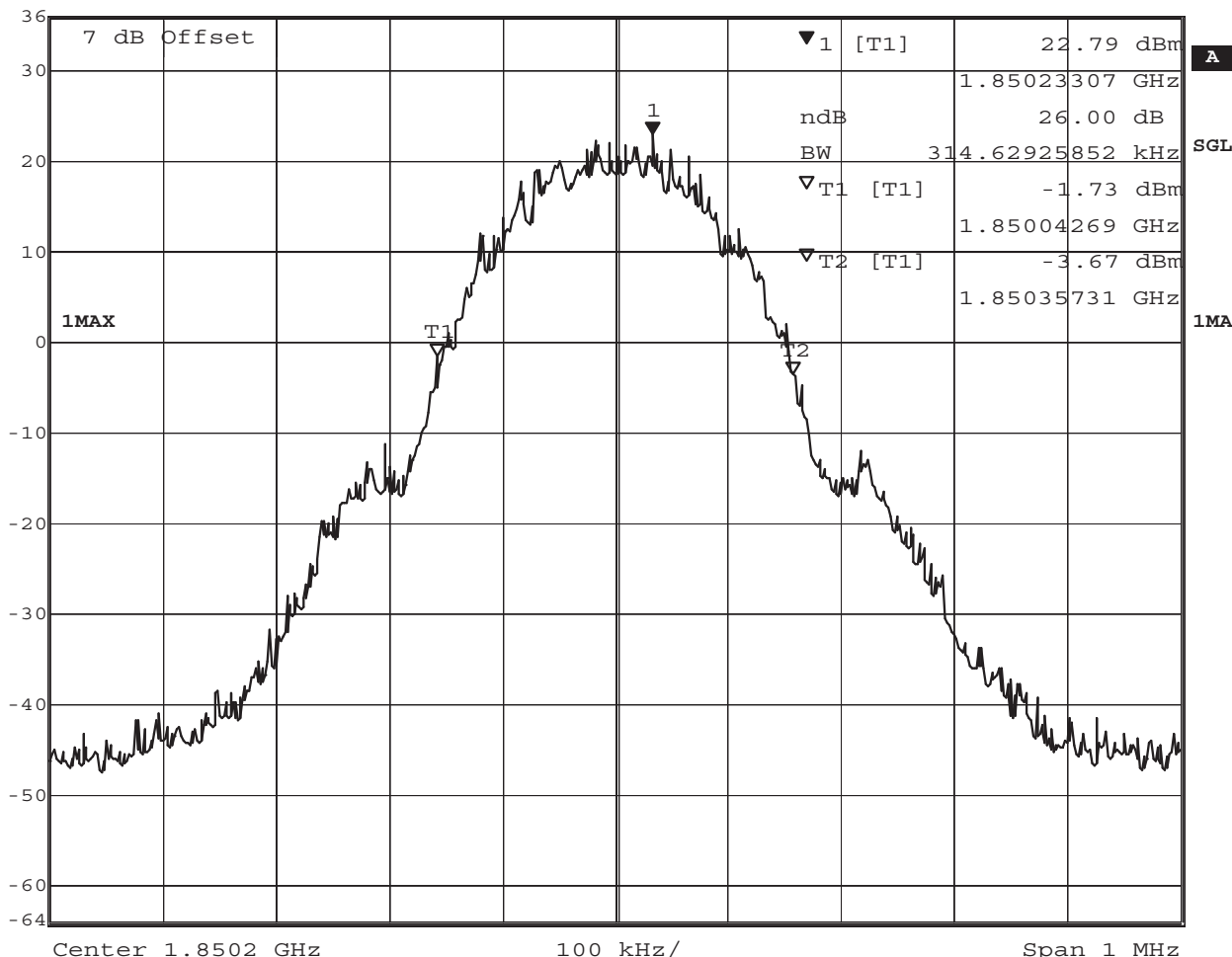
## **Appendix D**

Occupied bandwidth, emission bandwidth

**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 512  
 Comment 2 -26 dB Emission Bandwidth

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

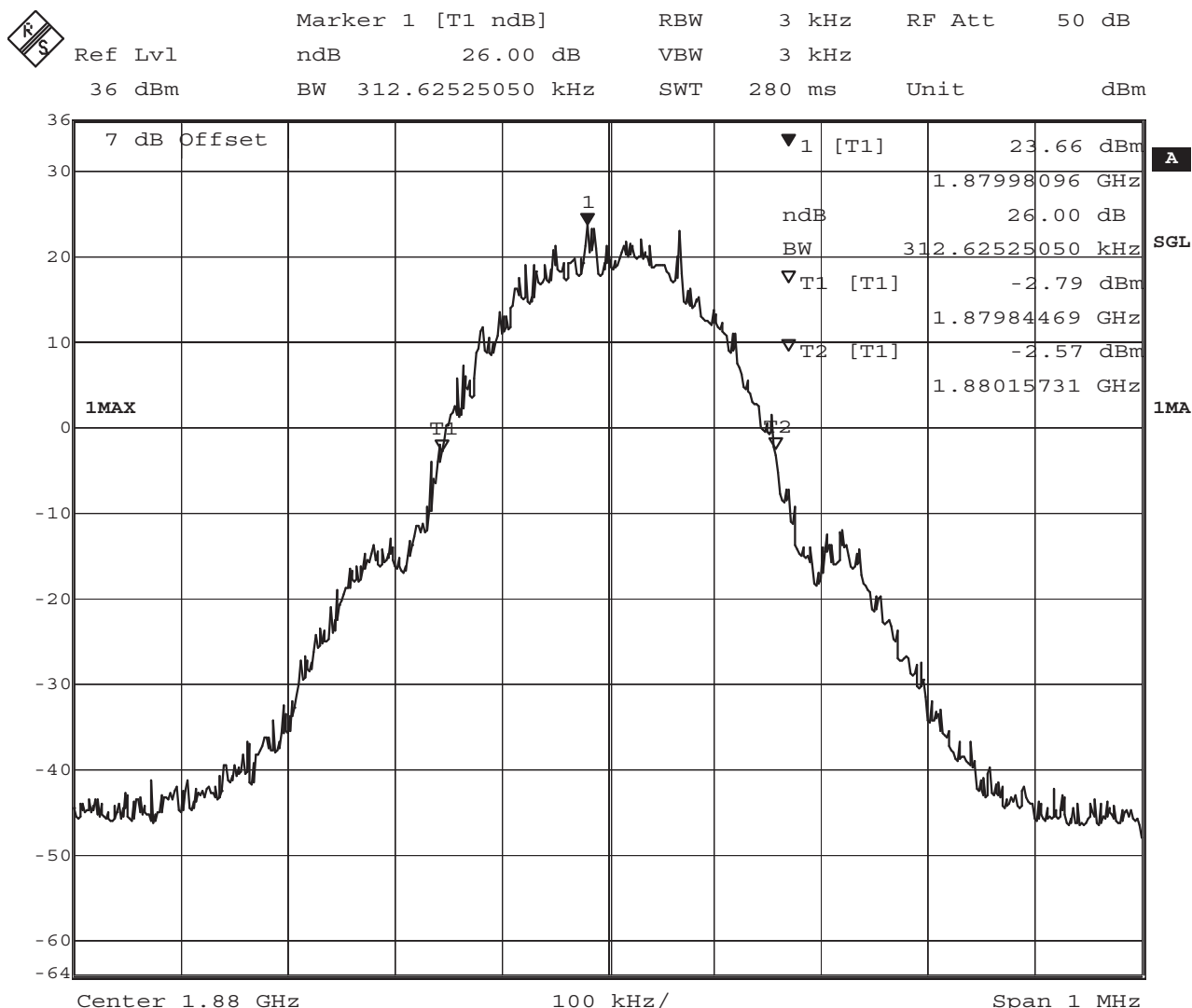


Date: 8.DEC.2006 18:36:01

Measurement diagram

**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 661  
 Comment 2 -26 dB Emission Bandwidth



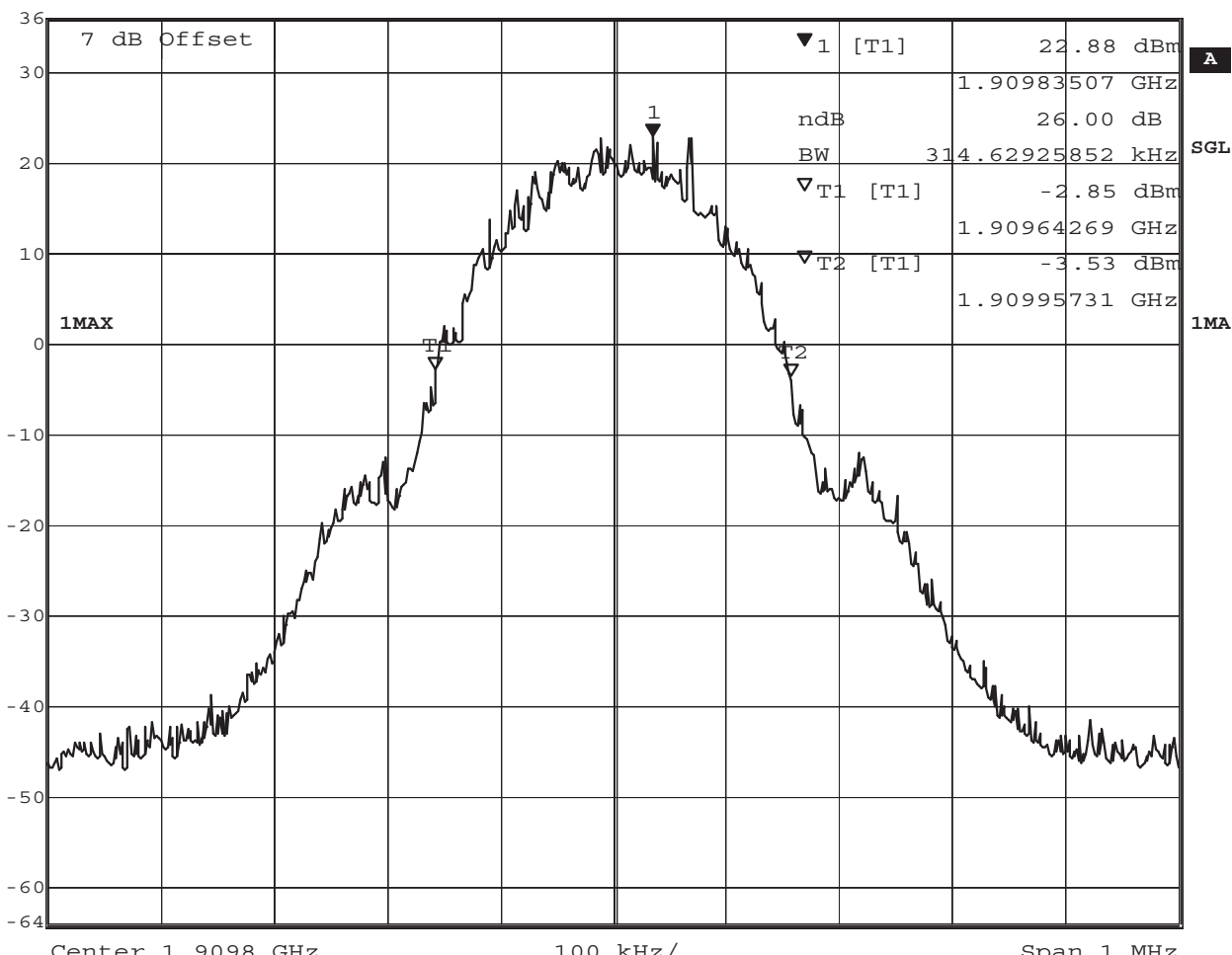
Date: 8.DEC.2006 18:35:09

Measurement diagram

**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 810  
 Comment 2 -26 dB Emission Bandwidth

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



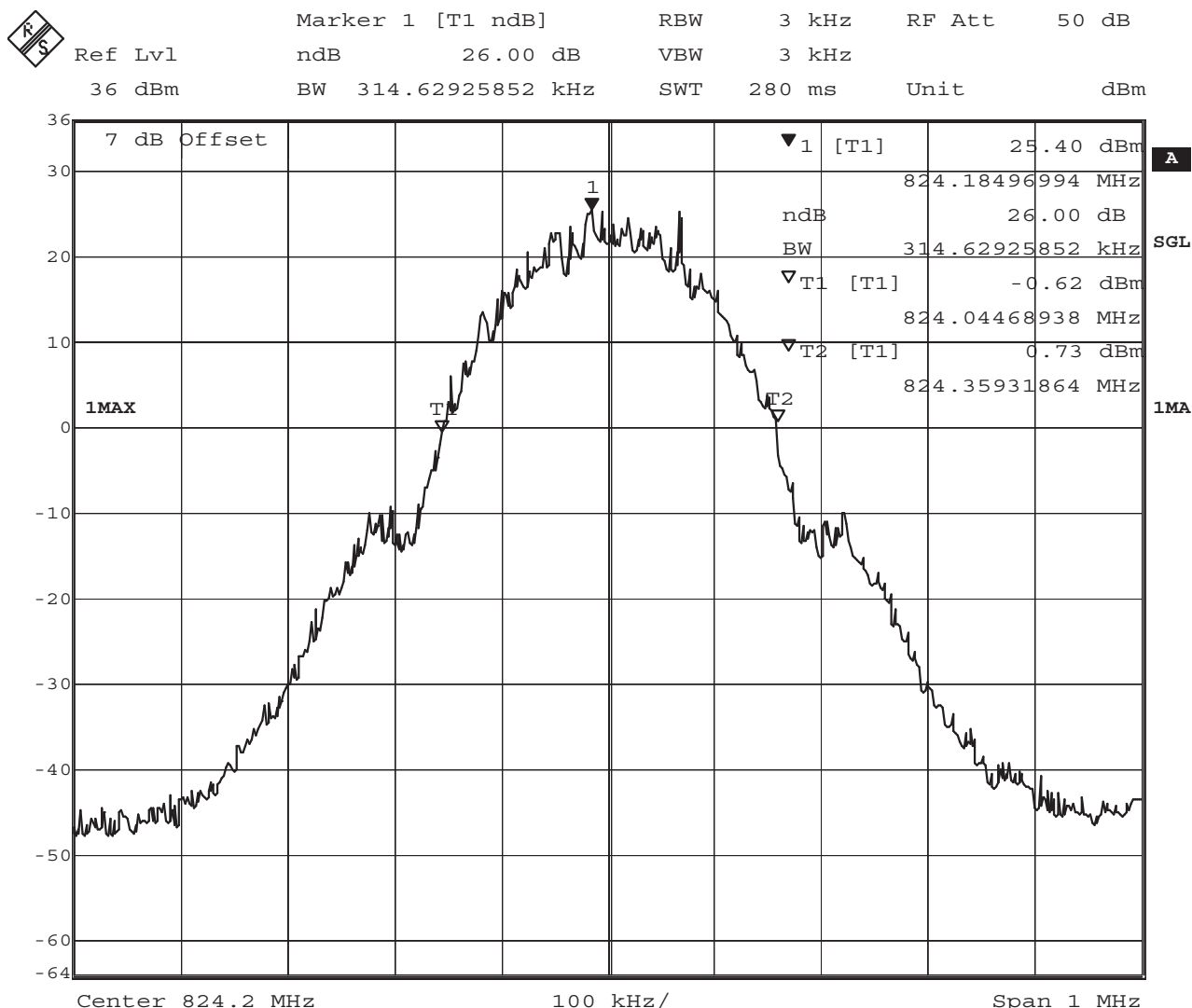
Date: 8.DEC.2006 18:34:27

Measurement diagram



**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 128  
 Comment 2 -26 dB Emission Bandwidth

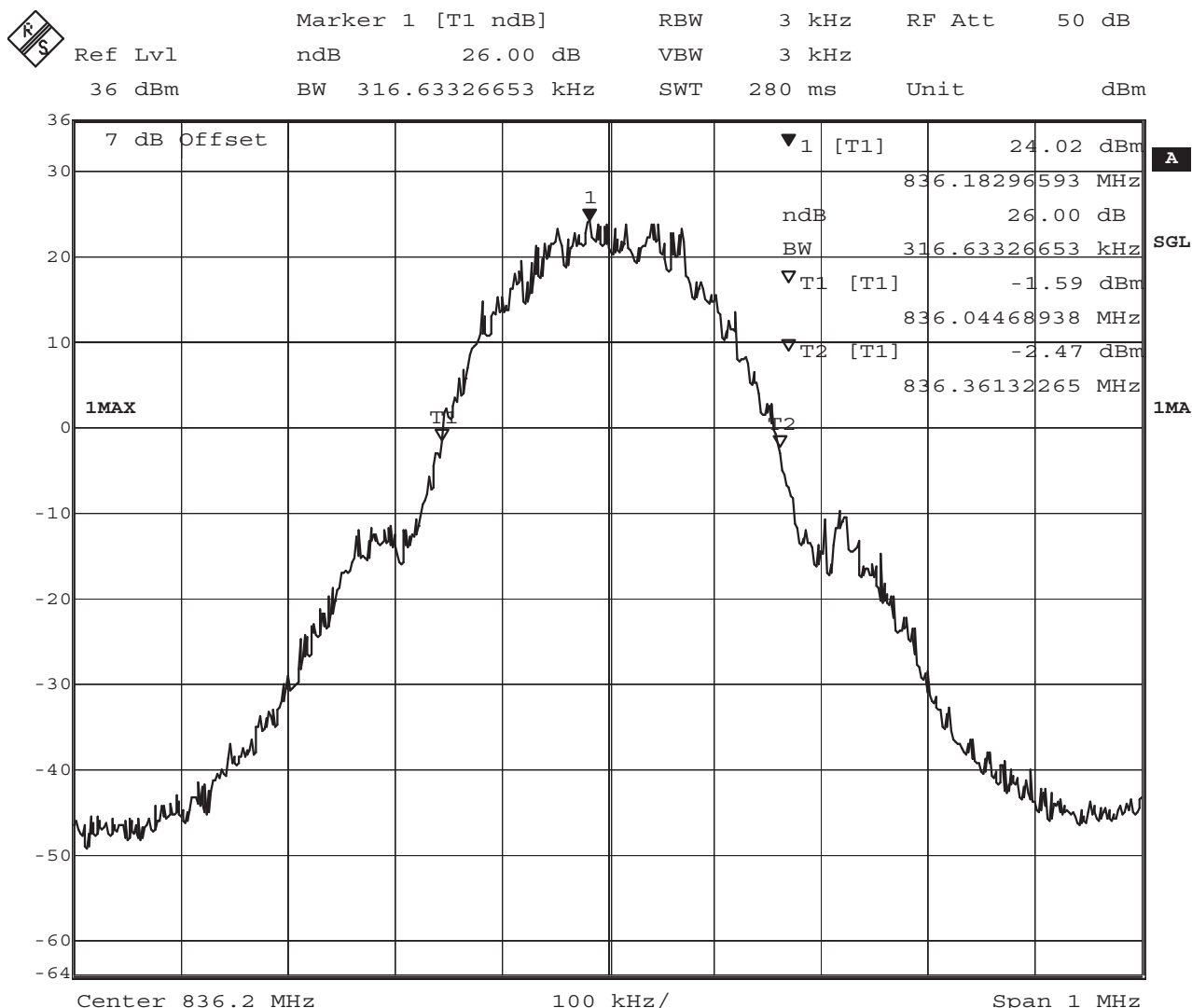


Date: 8.DEC.2006 18:27:08

Measurement diagram

**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 188  
 Comment 2 -26 dB Emission Bandwidth

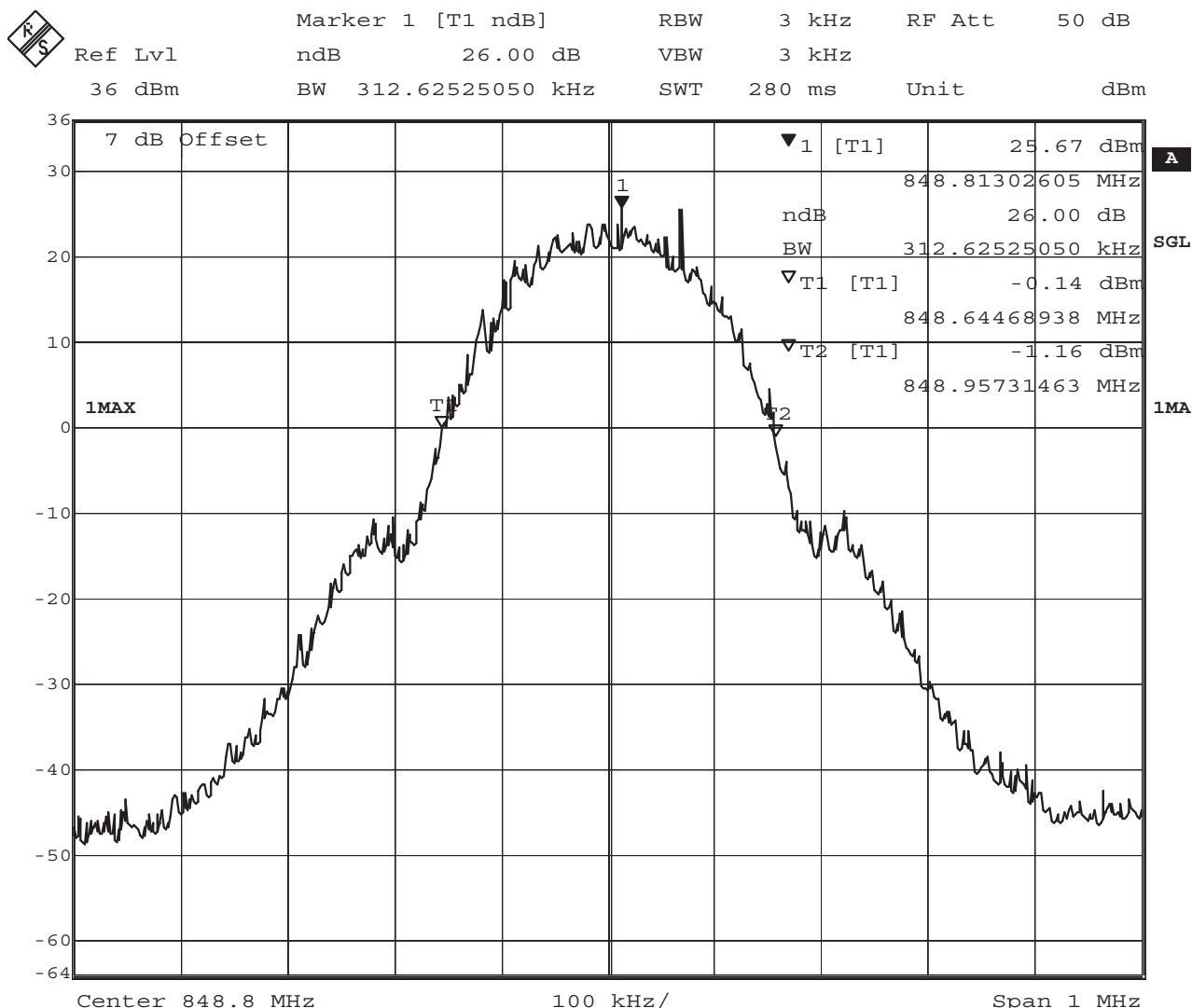


Date: 8.DEC.2006 18:26:21

Measurement diagram

**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 251  
 Comment 2 -26 dB Emission Bandwidth



Date: 8.DEC.2006 18:25:35

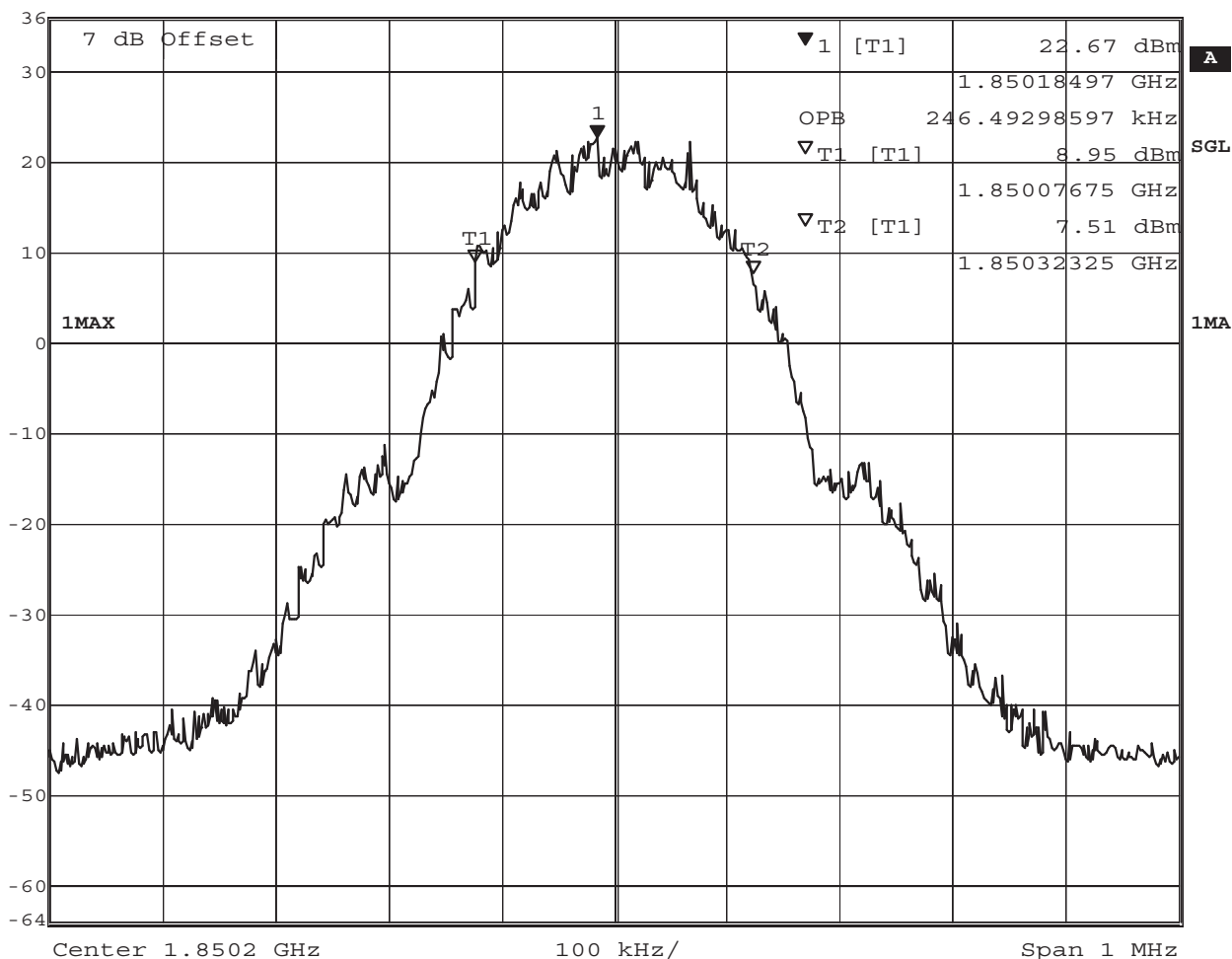
Measurement diagram

**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 512



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
 Ref Lvl 22.67 dBm VBW 3 kHz  
 36 dBm 1.85018497 GHz SWT 280 ms Unit dBm



Date: 8.DEC.2006 18:32:13

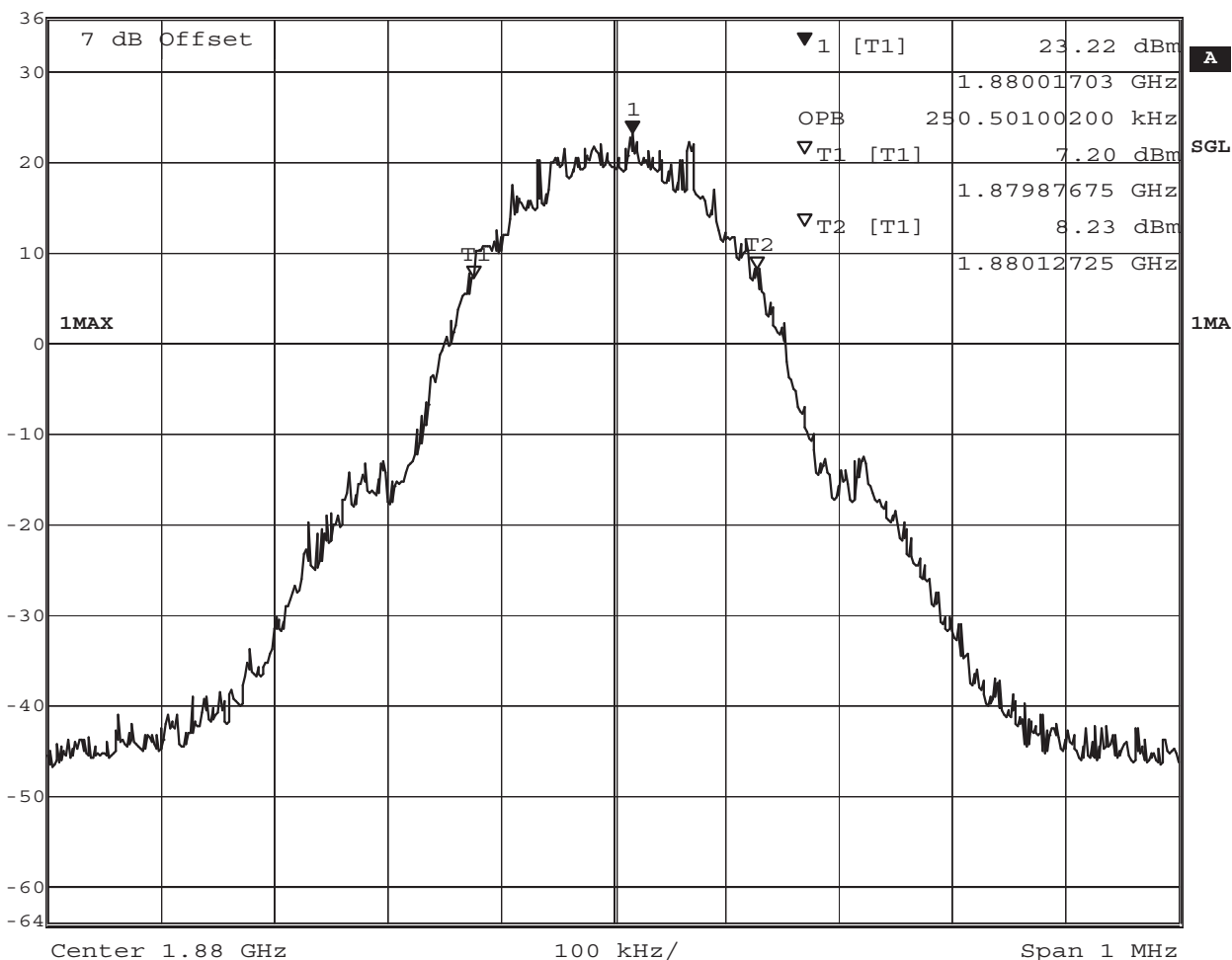
Measurement diagram

**FCC Part 24 E  
Occupied Bandwidth**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 661



Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	23.22 dBm	VBW	3 kHz	
36 dBm	1.88001703 GHz	SWT	280 ms	Unit dBm



Date: 8.DEC.2006 18:32:59

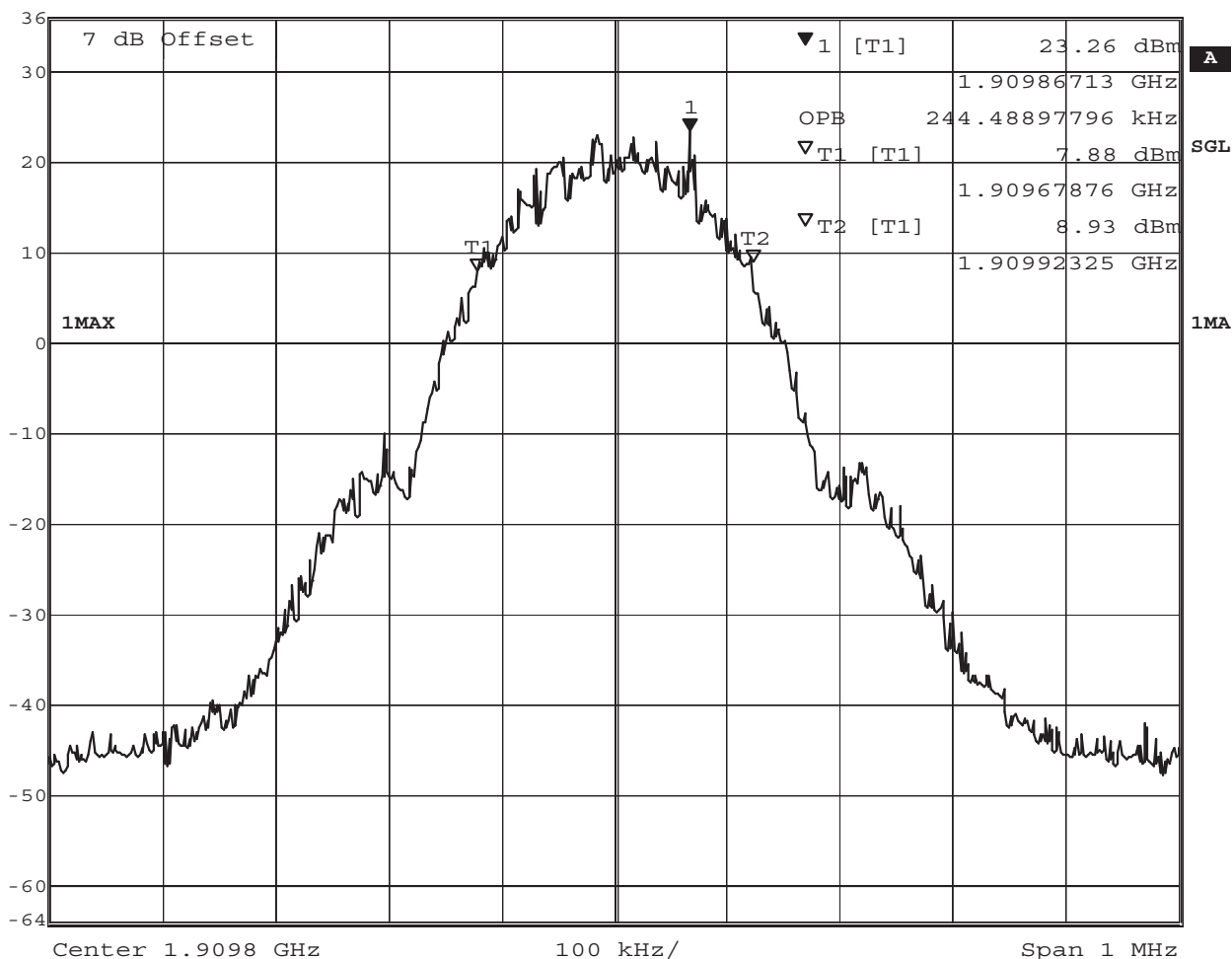
Measurement diagram

**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 810



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
 Ref Lvl 23.26 dBm VBW 3 kHz  
 36 dBm 1.90986713 GHz SWT 280 ms Unit dBm



Date: 8.DEC.2006 18:33:41

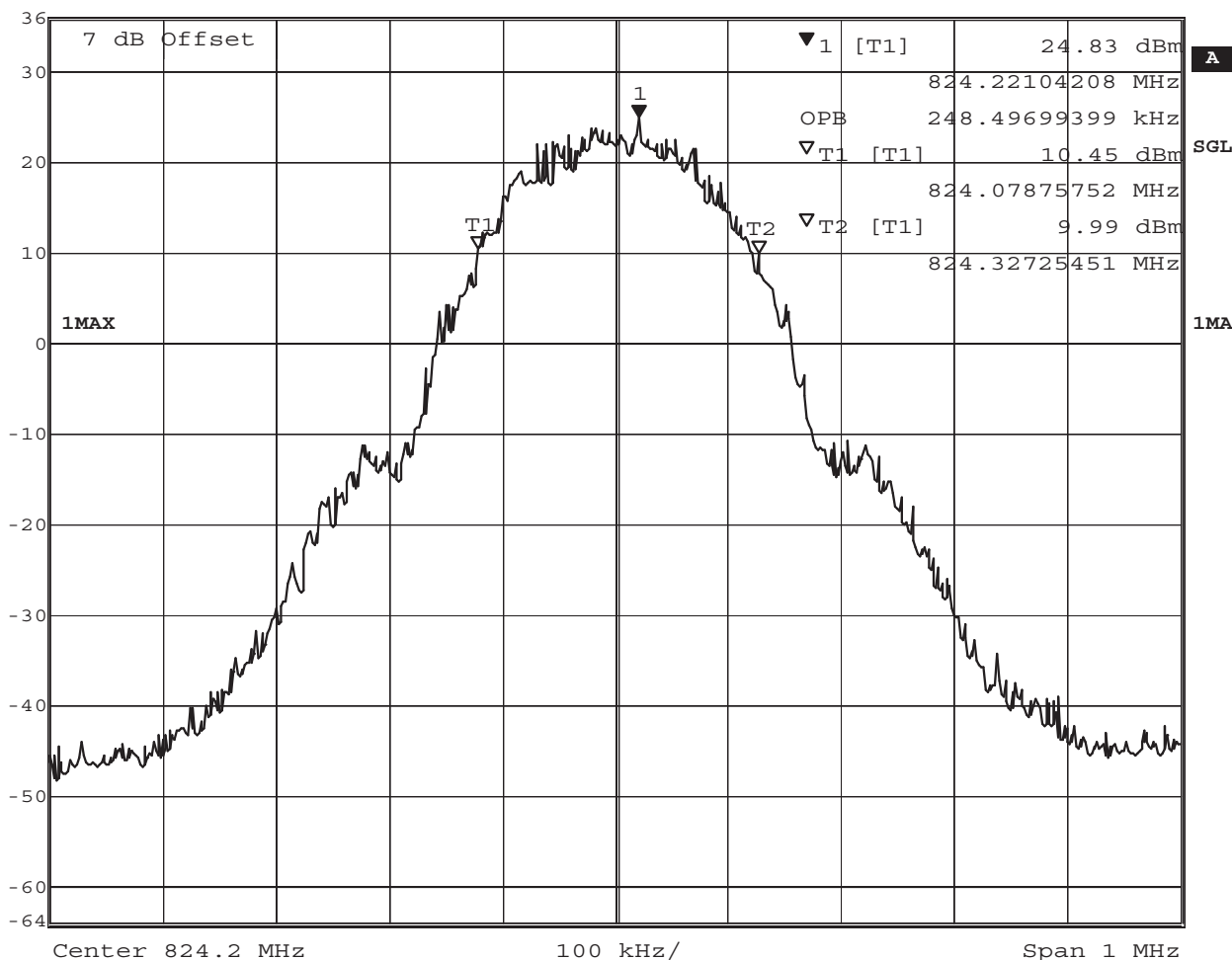
Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 128



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
 Ref Lvl 24.83 dBm VBW 3 kHz  
 36 dBm 824.22104208 MHz SWT 280 ms Unit dBm



Date: 8.DEC.2006 18:23:08

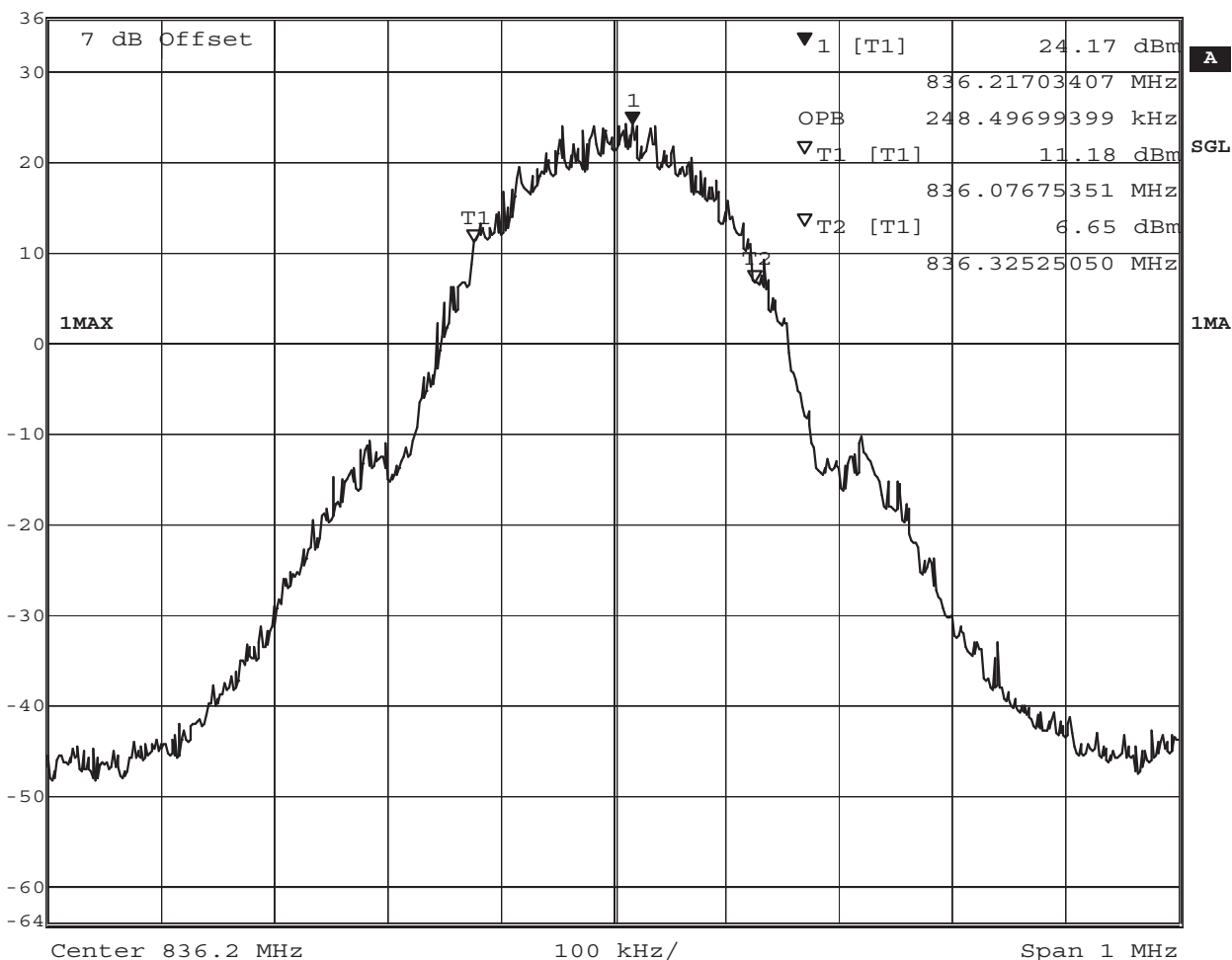
Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model A100  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 4.20 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 188



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
 Ref Lvl 24.17 dBm VBW 3 kHz  
 36 dBm 836.21703407 MHz SWT 280 ms Unit dBm



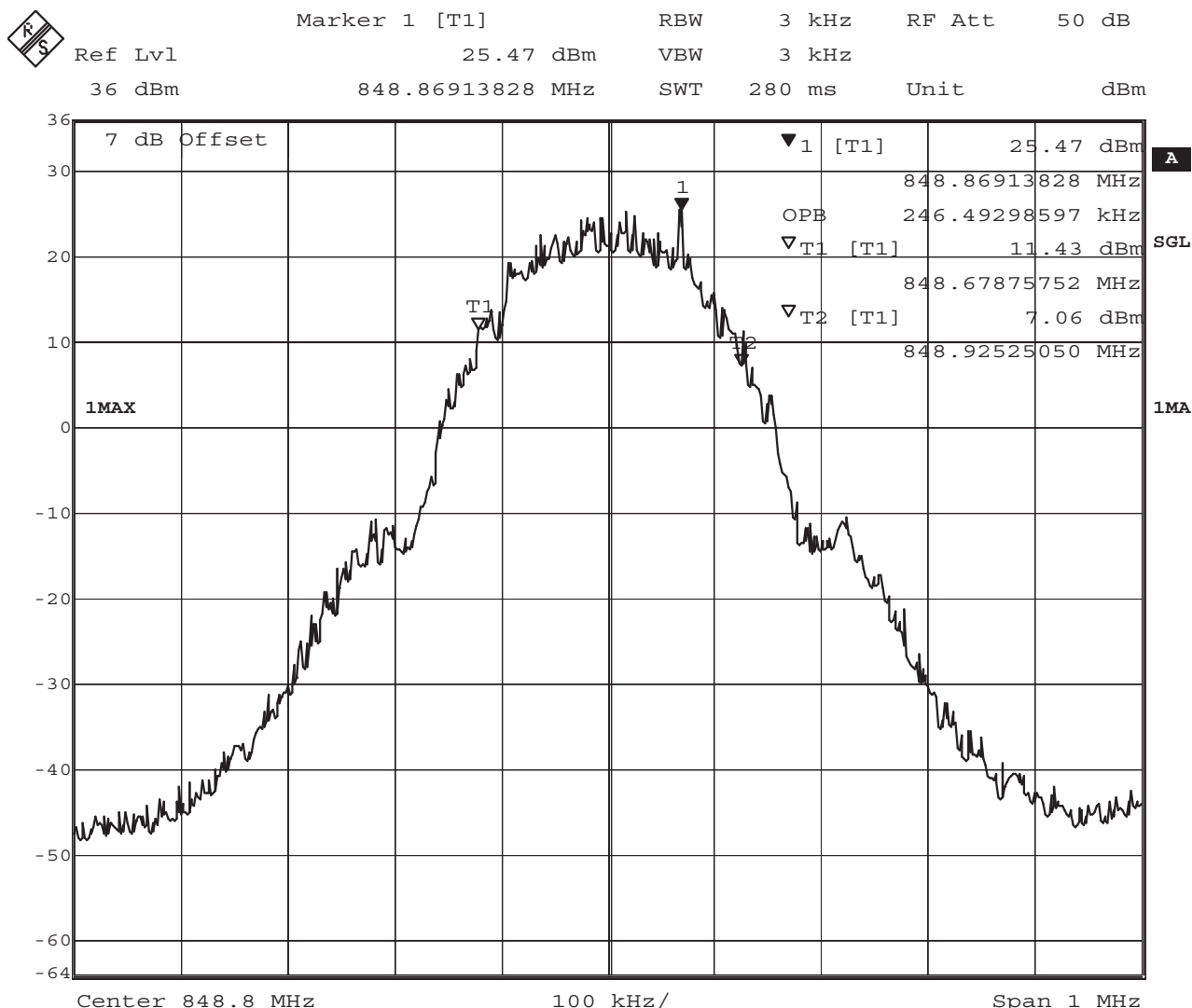
Date: 8.DEC.2006 18:23:56

Measurement diagram



**FCC Part 22 H  
Occupied Bandwidth**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251



Date: 8.DEC.2006 18:24:46

Measurement diagram

## Appendix E

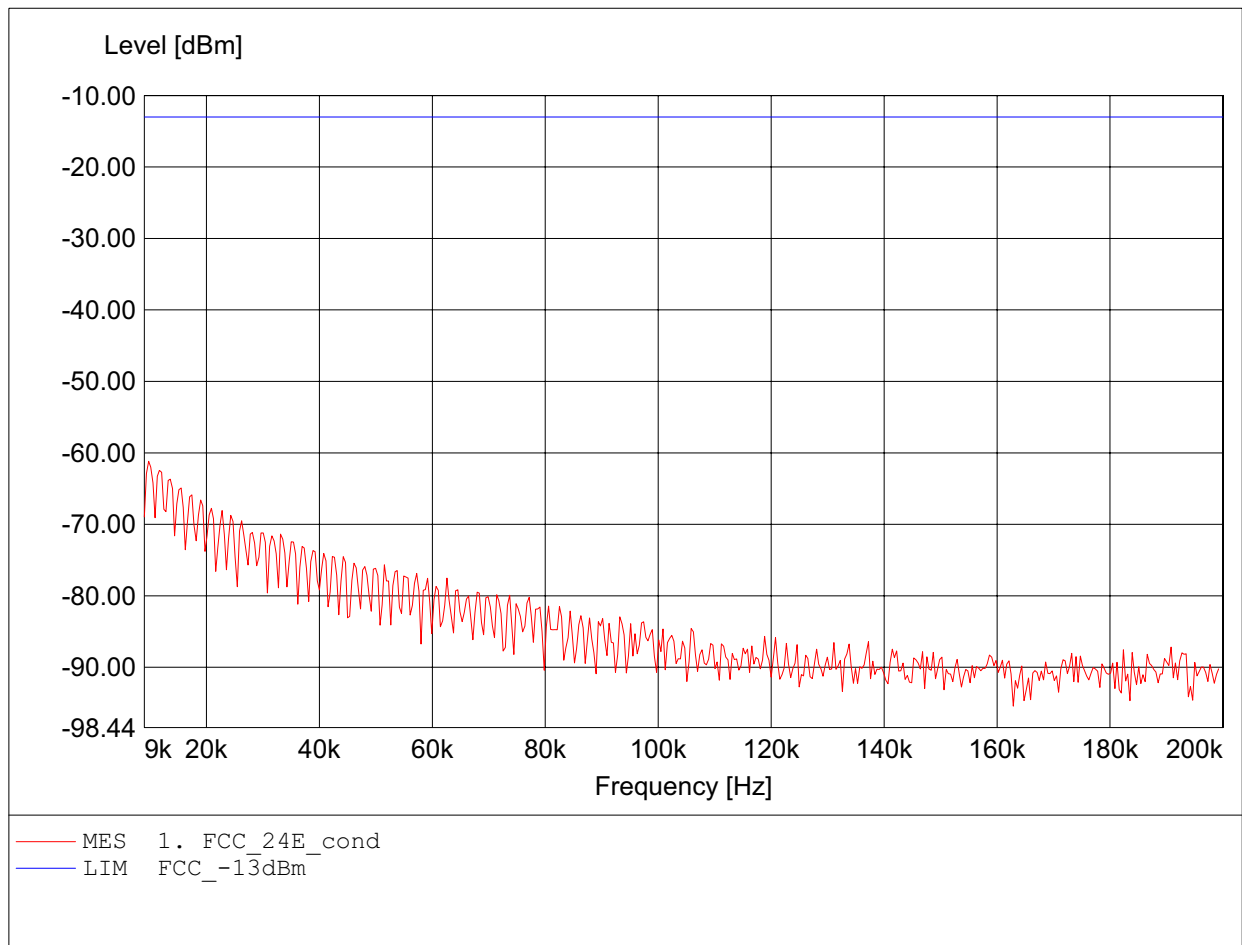
Frequency stability

## **Appendix F**

Spurious emission conducted (antenna terminal)

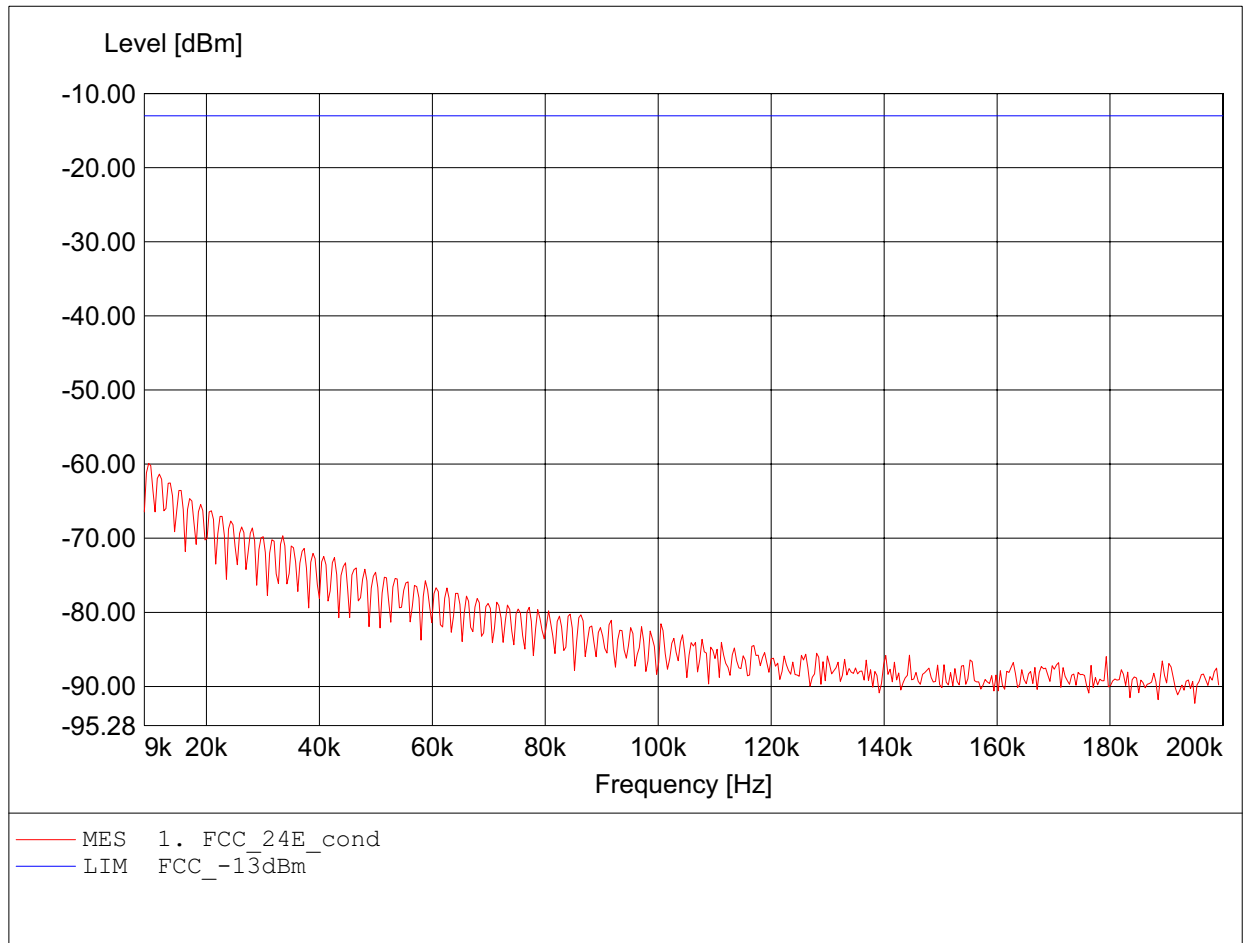
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 9.766kHz, Pmax: -61.18dBm, RBW: 100kHz



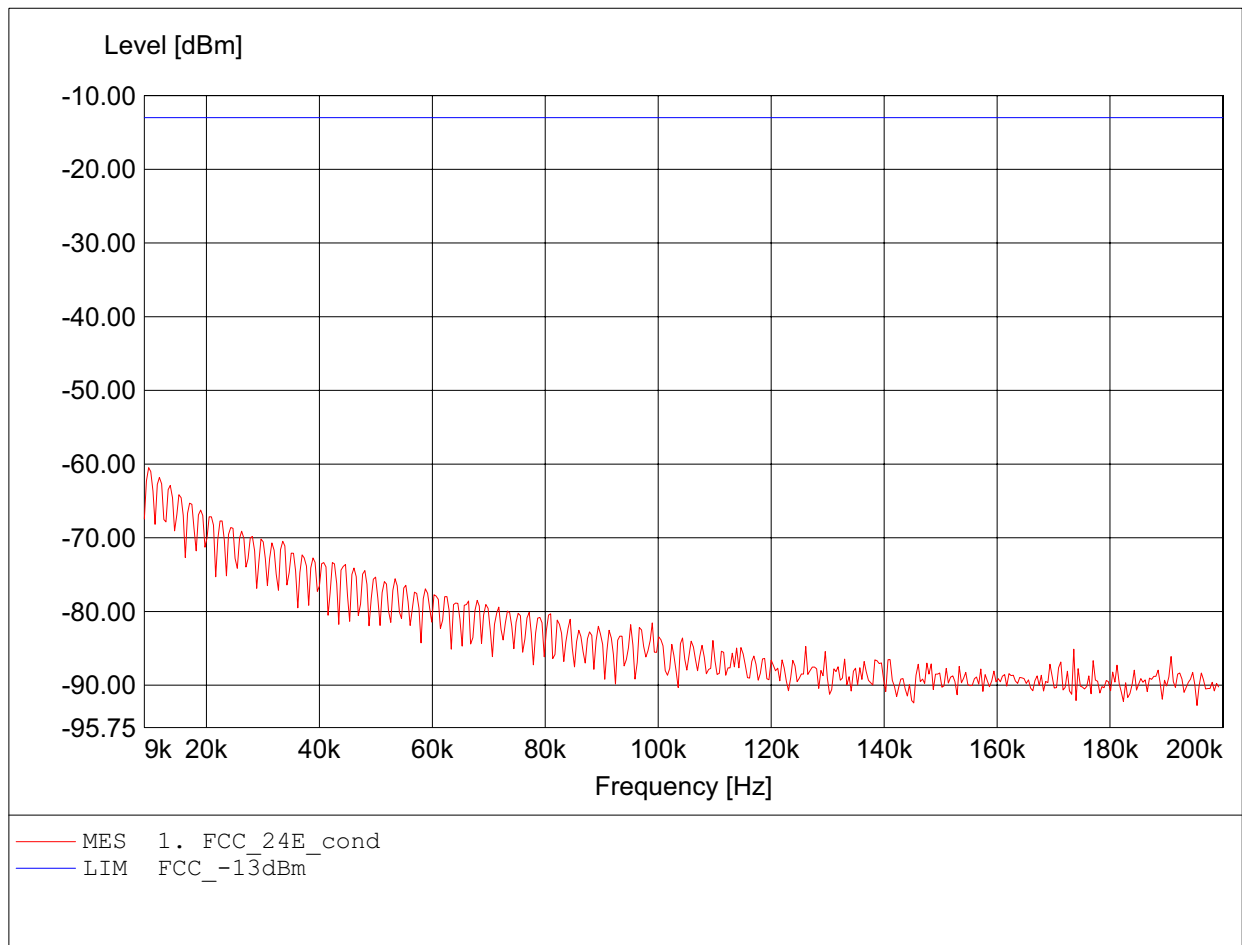
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 9.766kHz, Pmax: -59.92dBm, RBW: 100kHz



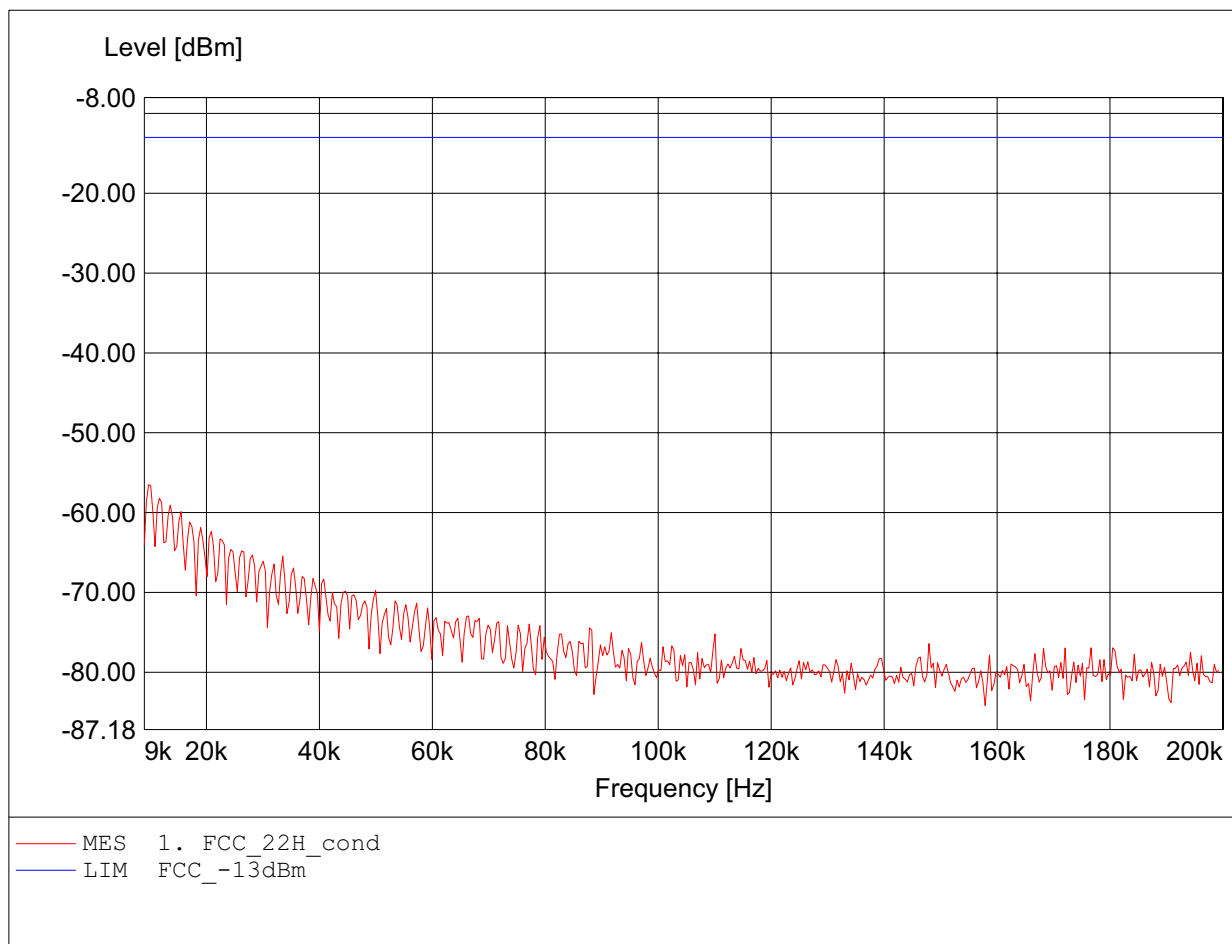
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 9.766kHz, Pmax: -60.48dBm, RBW: 100kHz



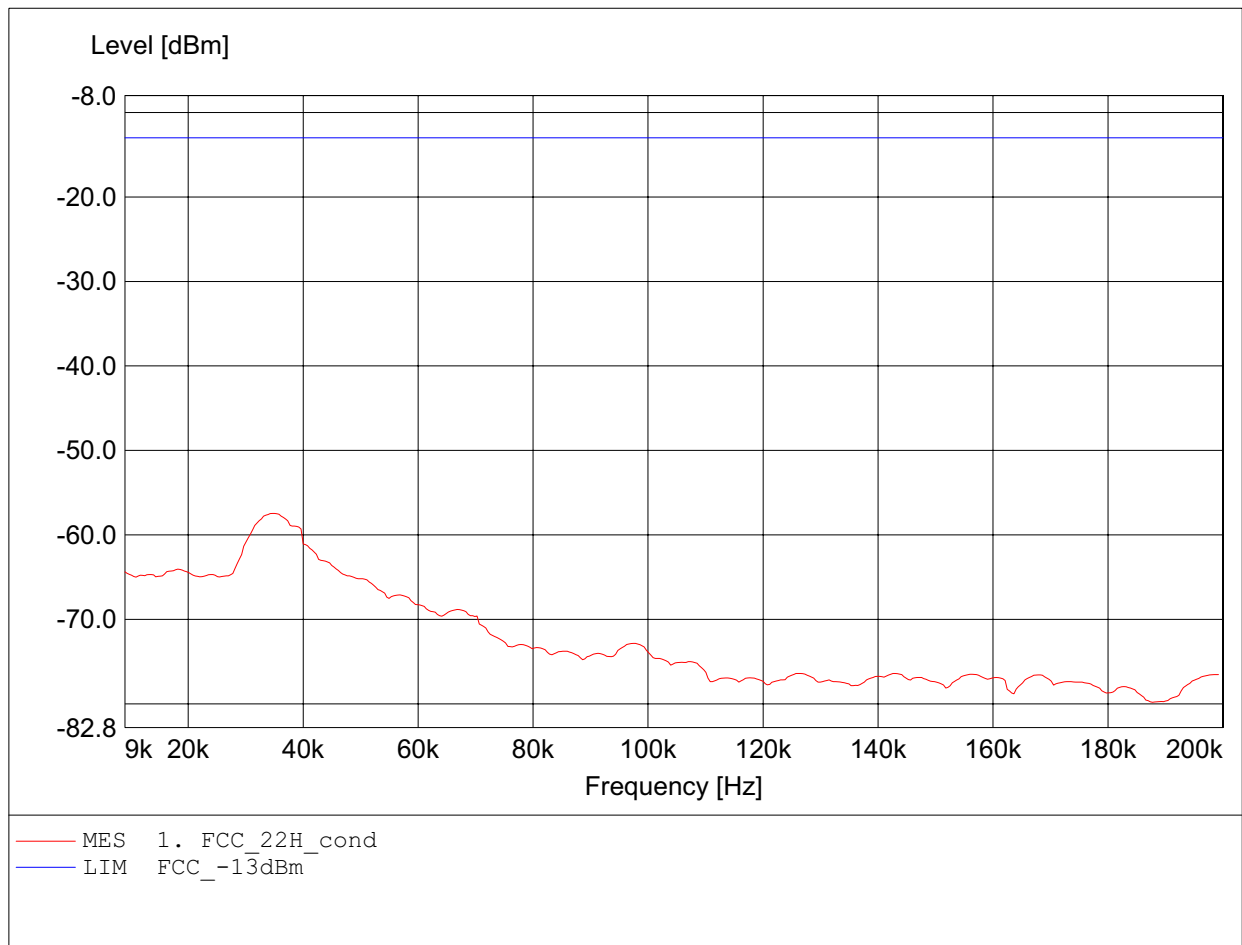
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 9.766kHz, Pmax: -56.50dBm, RBW: 100kHz



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

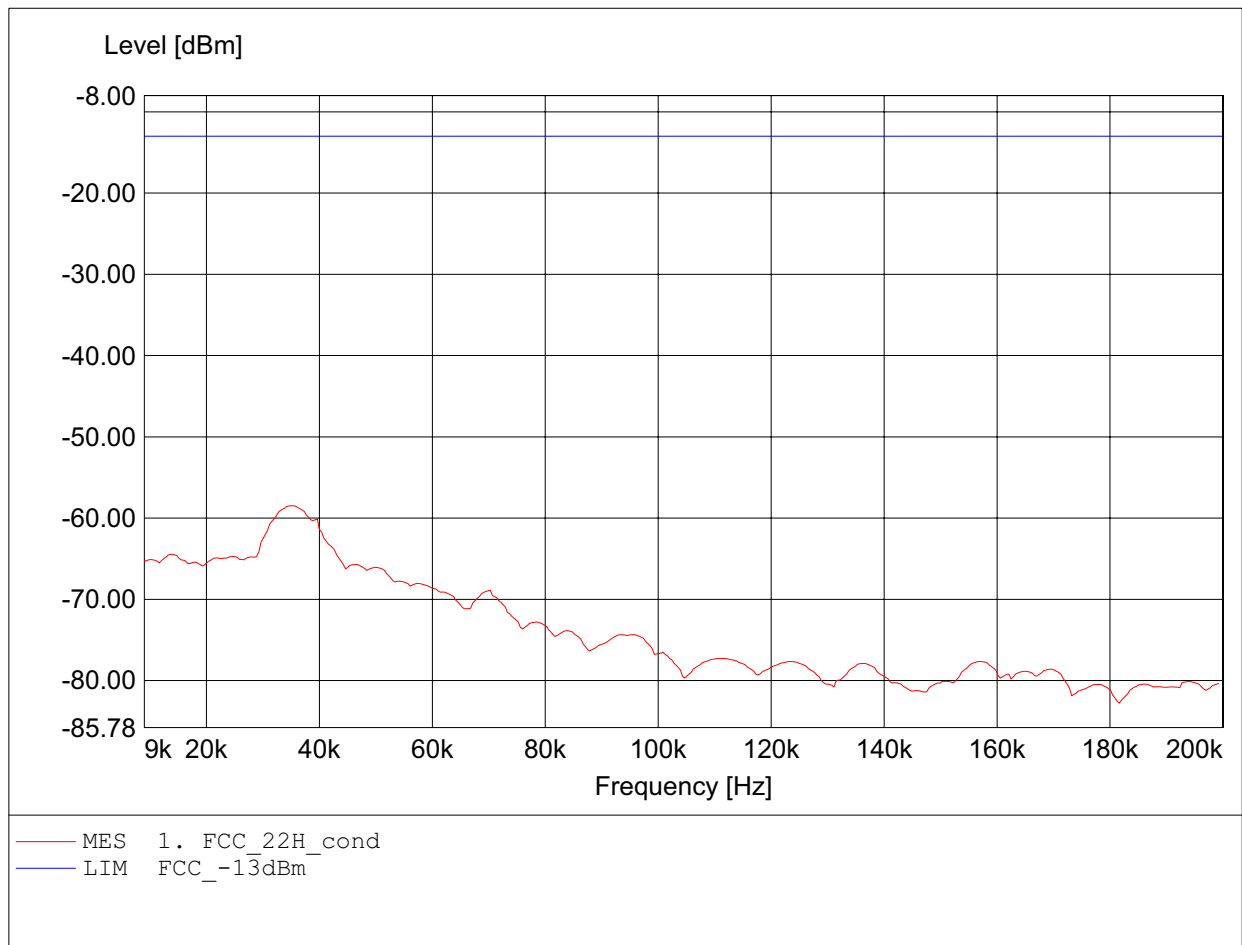
Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 35.028kHz, Pmax: -57.45dBm, RBW: 100kHz





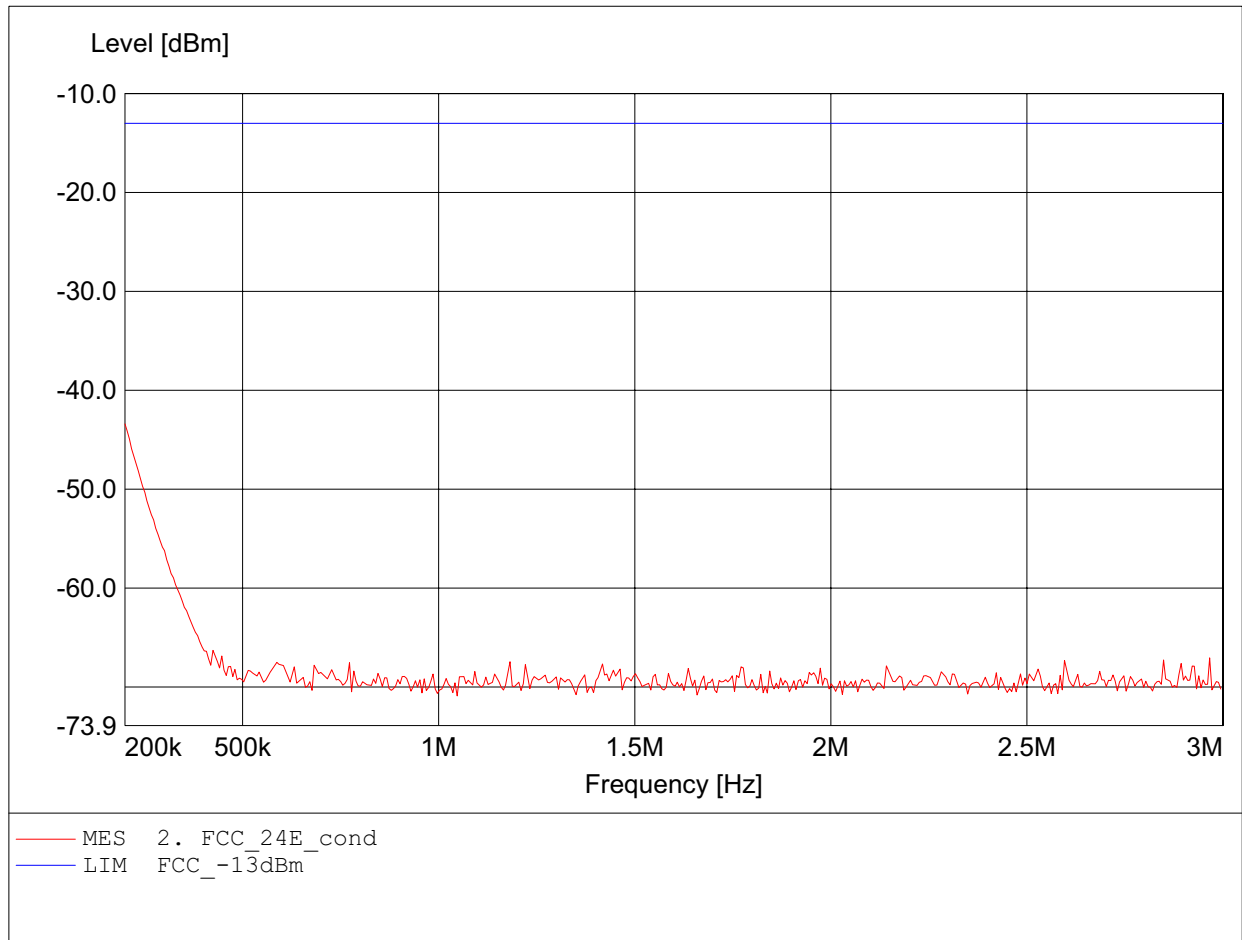
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 35.028kHz, Pmax: -58.49dBm, RBW: 100kHz



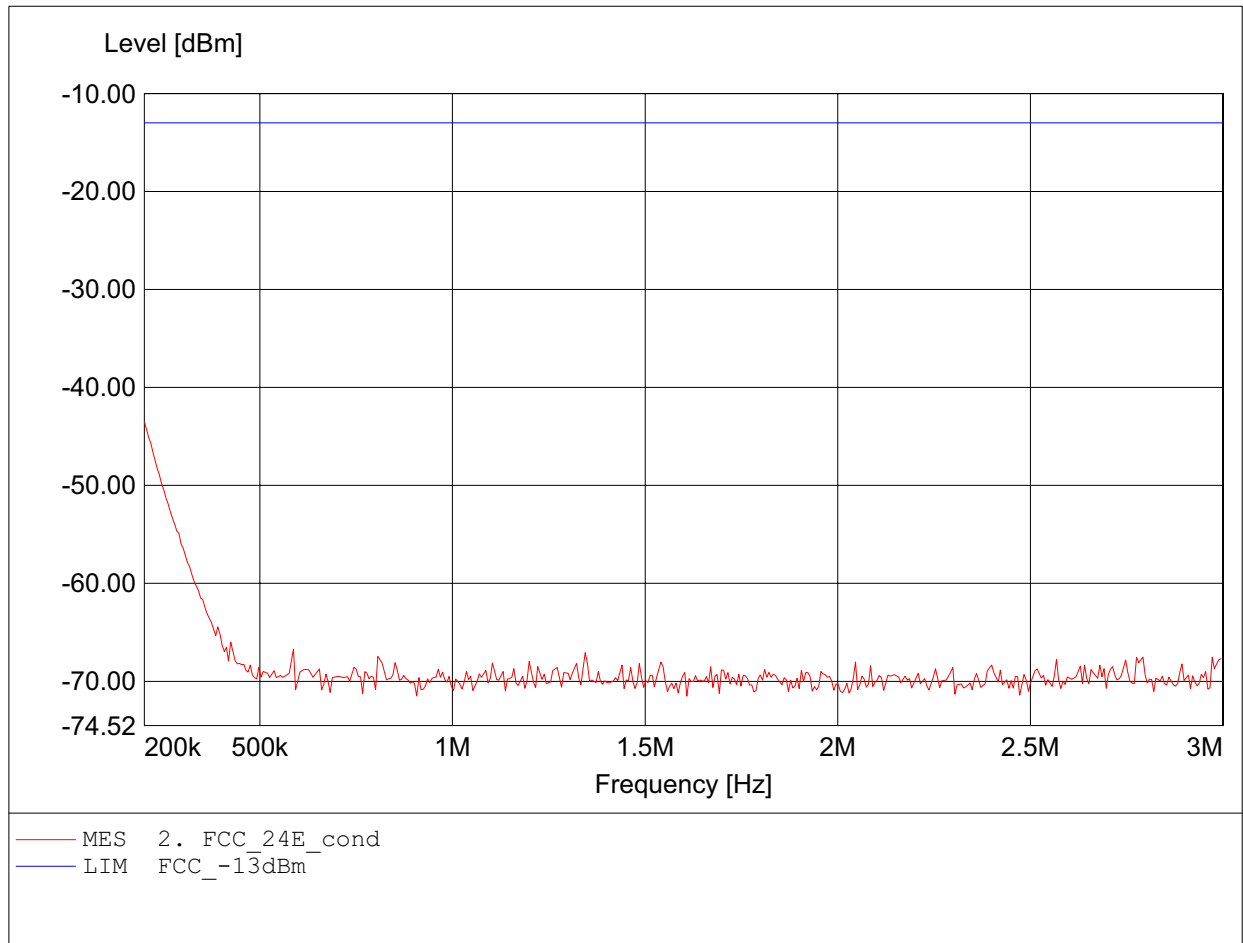
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 200.000kHz, Pmax: -43.39dBm, RBW: 100kHz



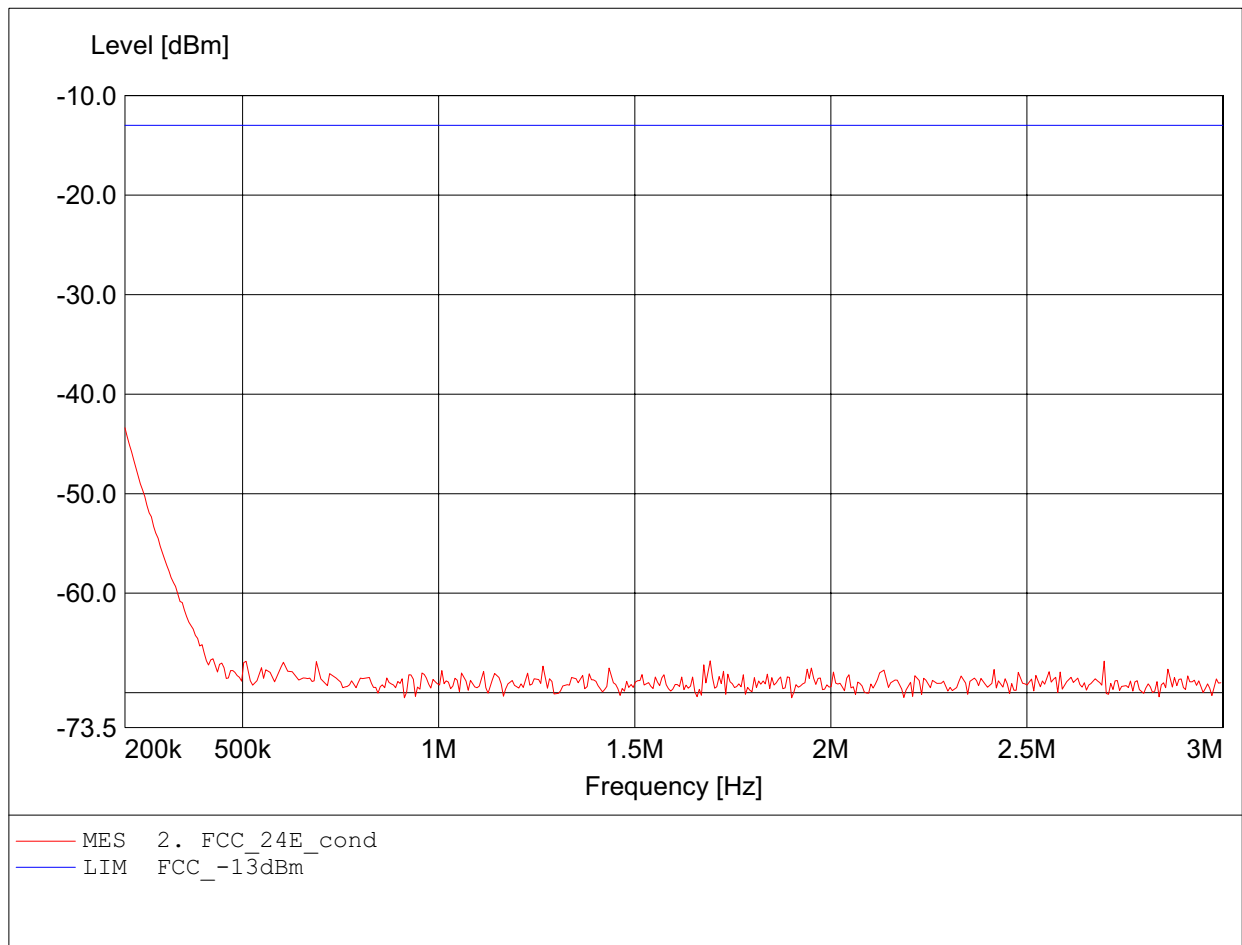
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 200.000kHz, Pmax: -43.51dBm, RBW: 100kHz



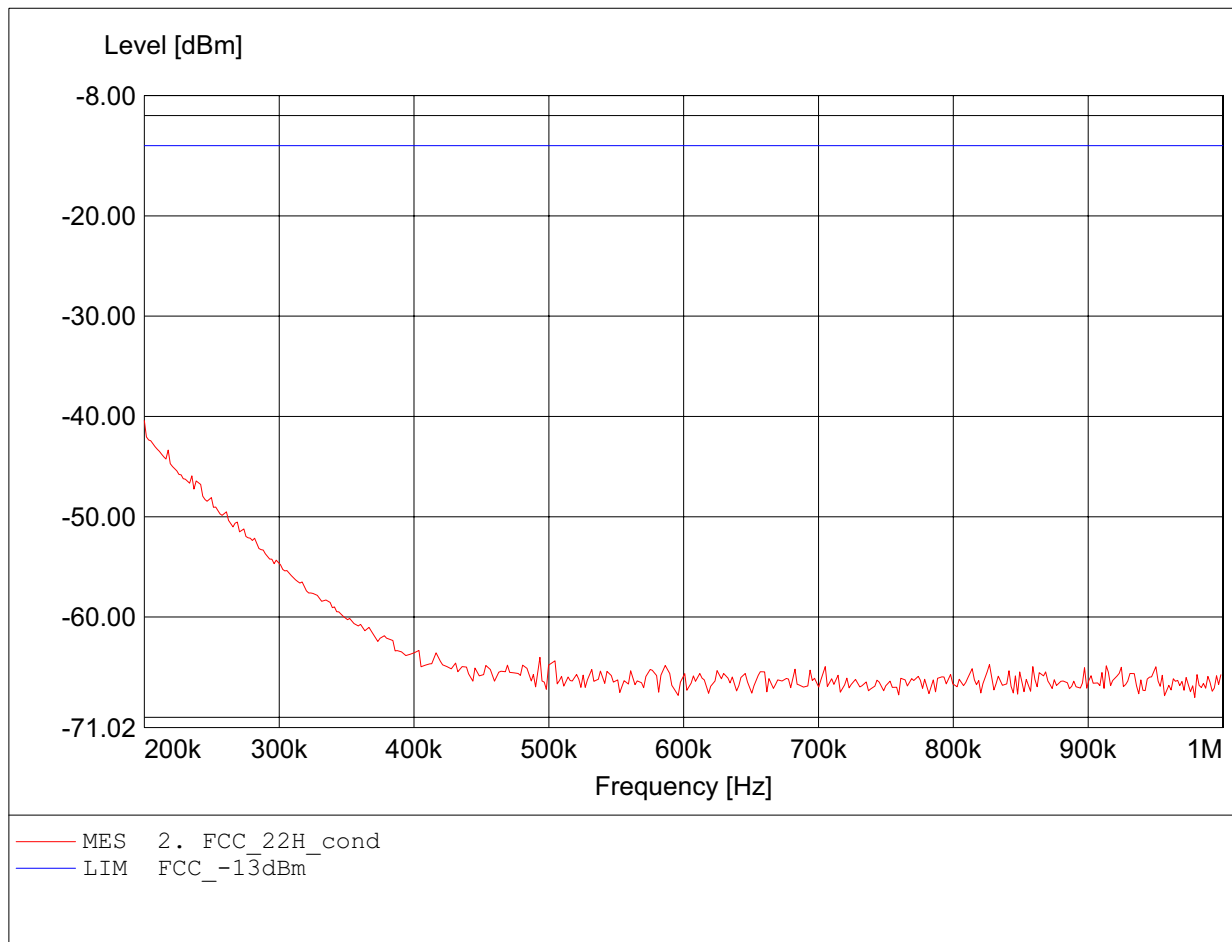
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 200.000kHz, Pmax: -43.37dBm, RBW: 100kHz



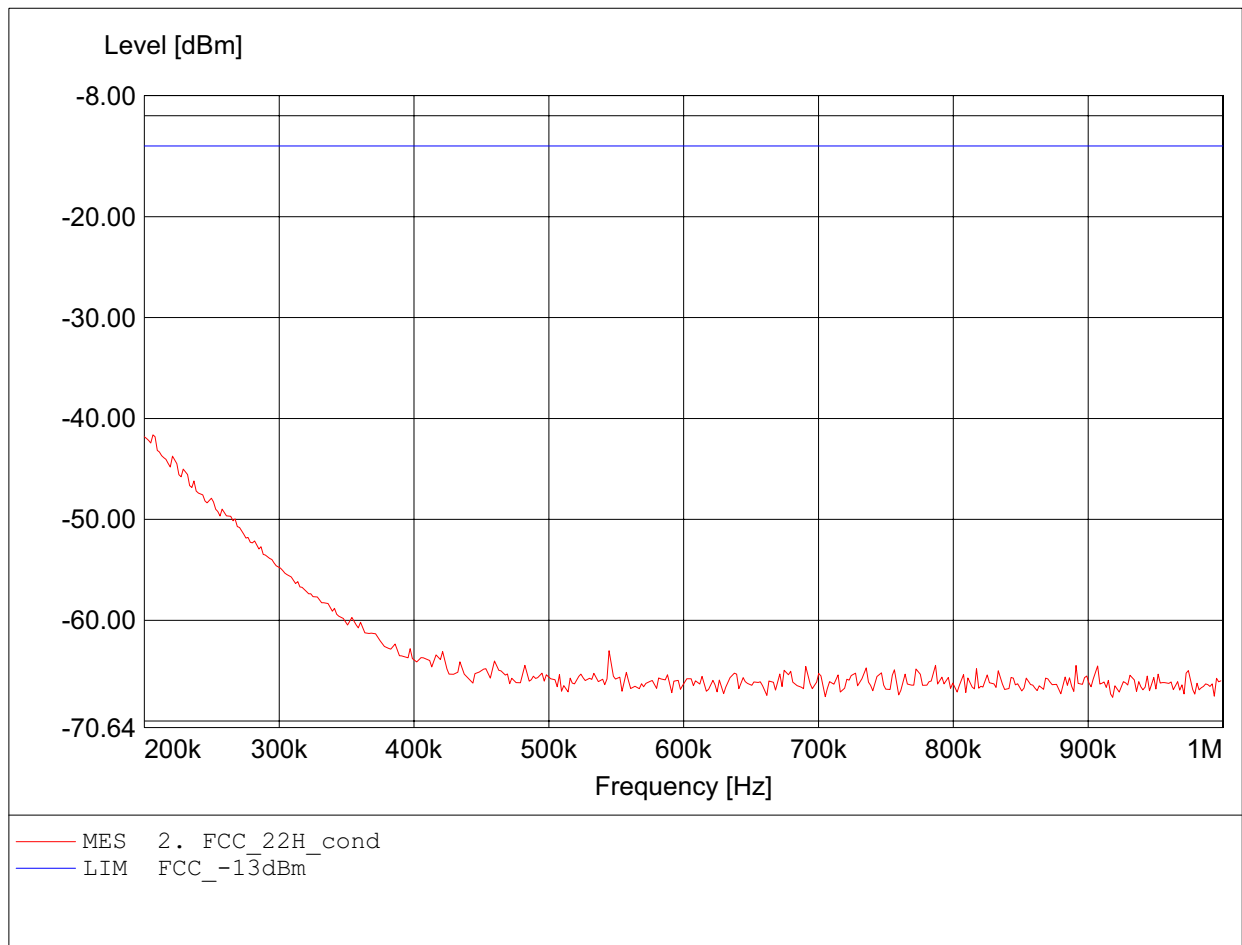
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 200.000kHz, Pmax: -40.41dBm, RBW: 100kHz



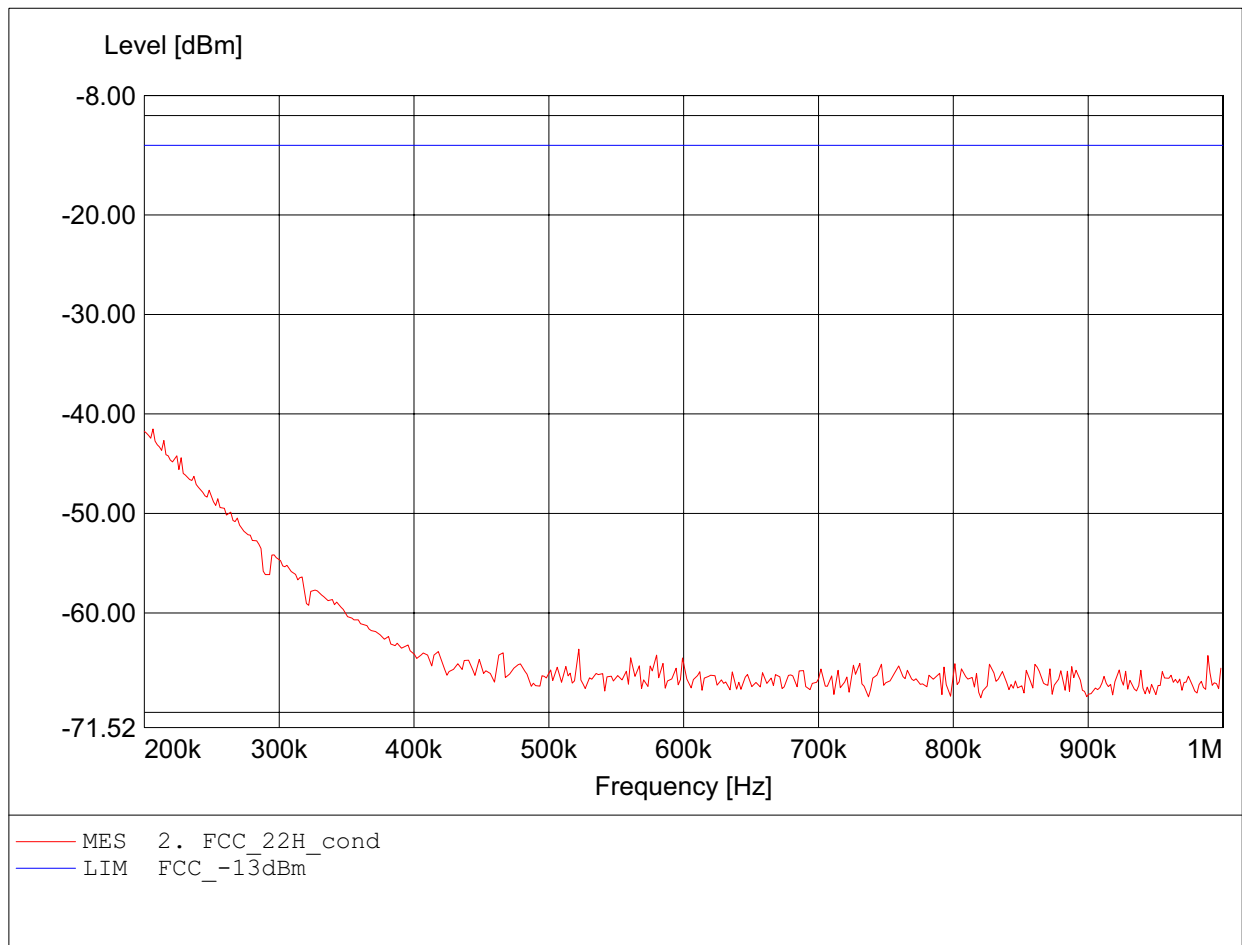
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 206.413kHz, Pmax: -41.63dBm, RBW: 100kHz



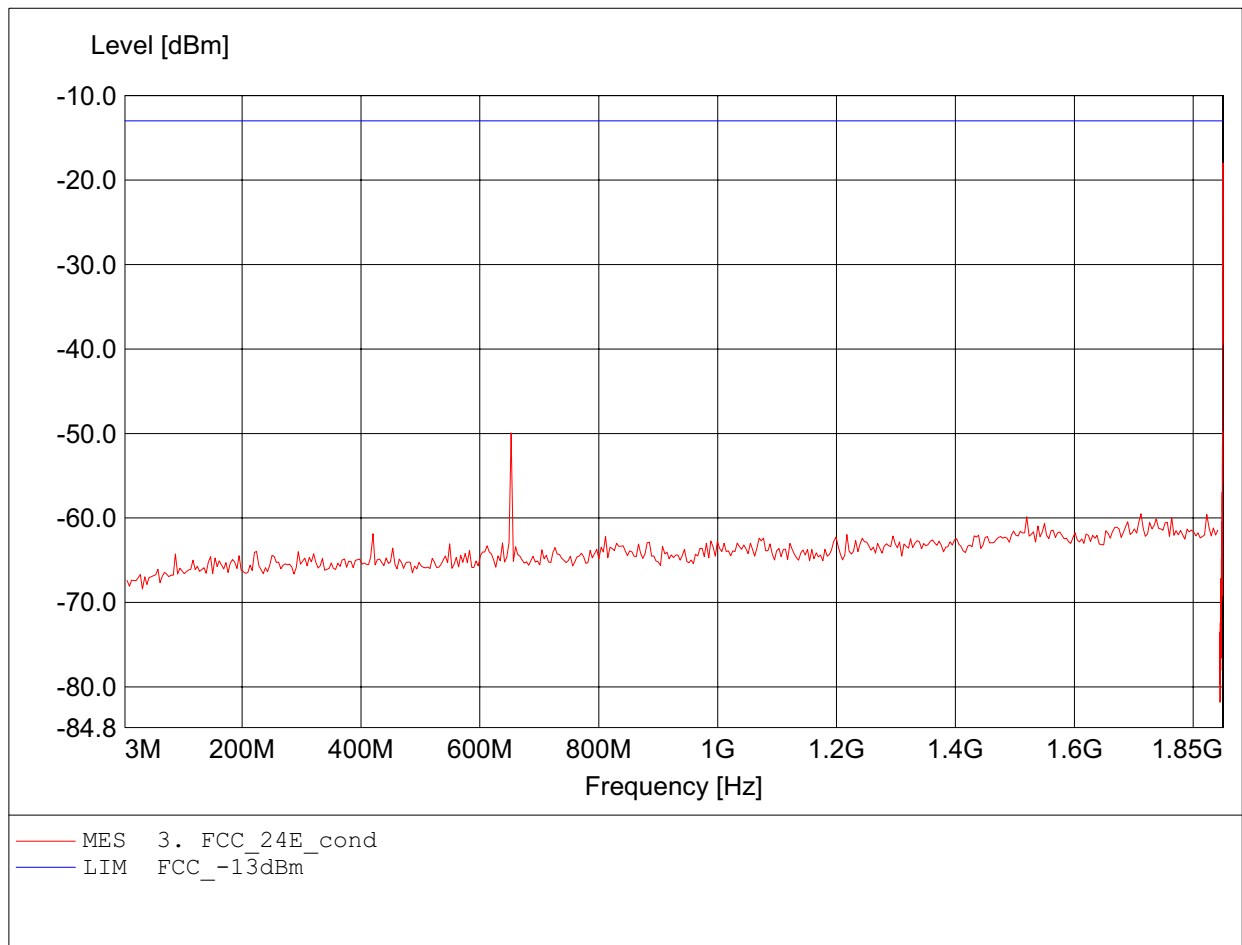
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 206.413kHz, Pmax: -41.51dBm, RBW: 100kHz



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

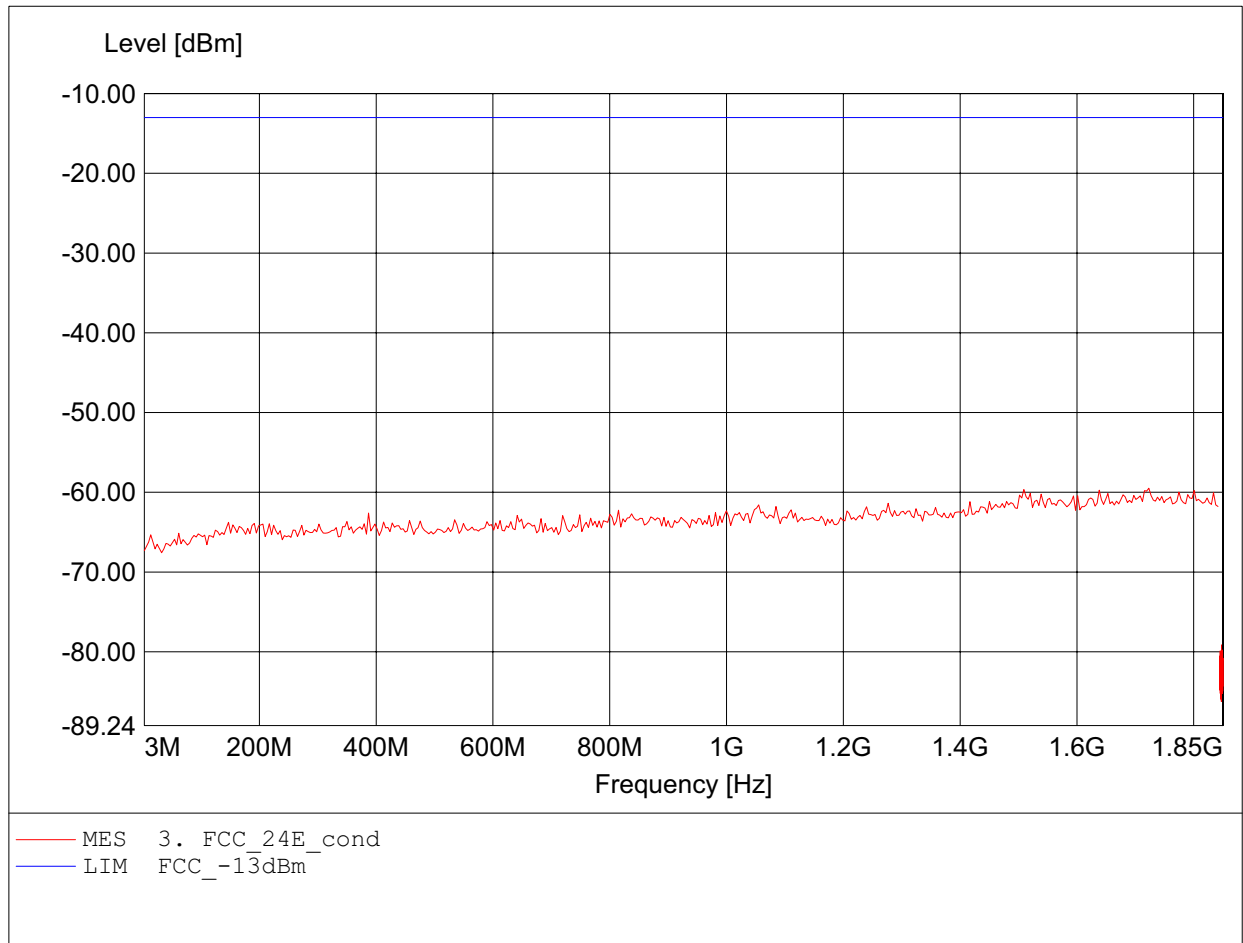
Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, notch fliter, mode: TX  
Comment 2: Freq: 1.850GHz, Pmax: -17.98dBm, RBW: 3-100kHz





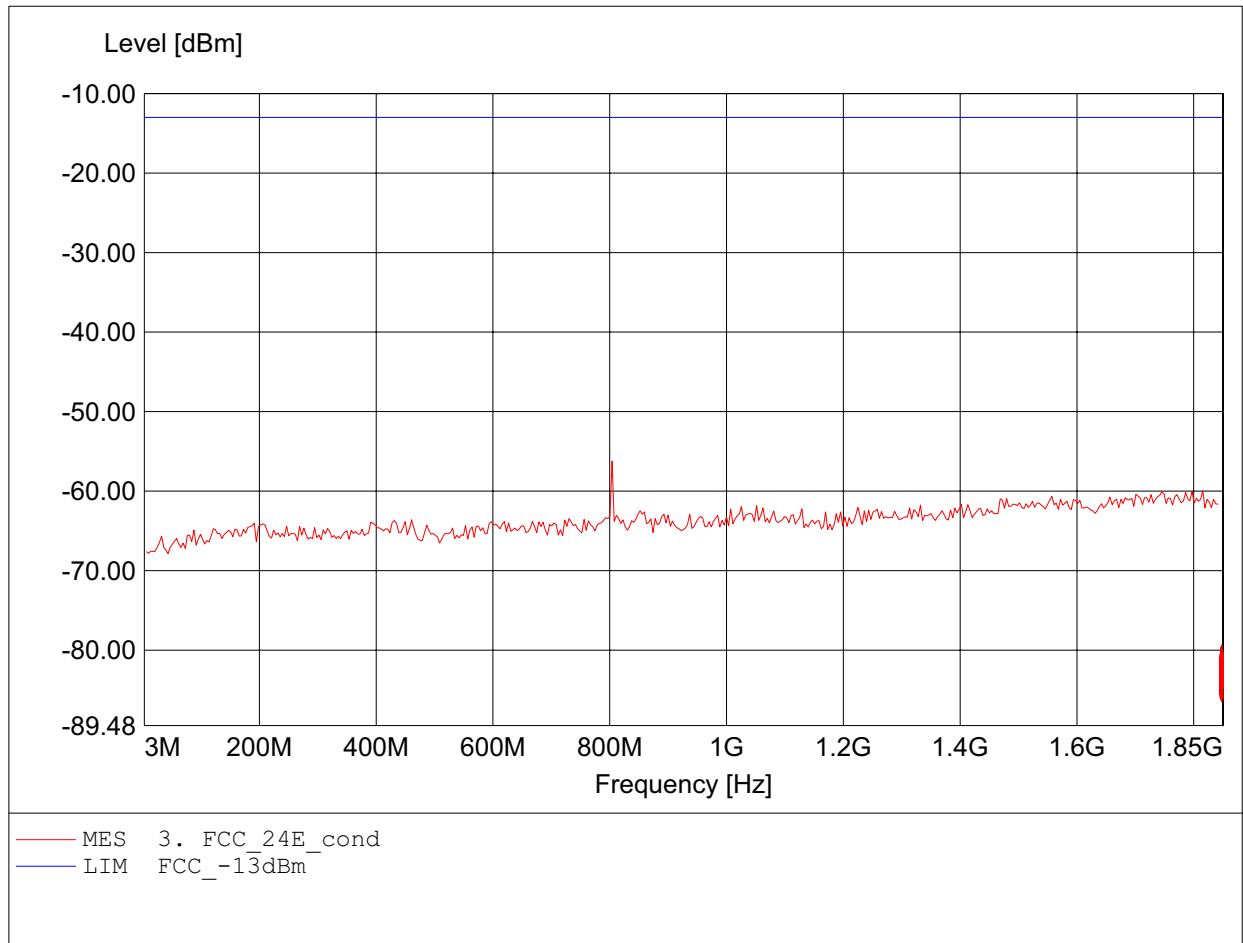
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, notch fliter, mode: TX  
Comment 2: Freq: 1.723GHz, Pmax: -59.48dBm, RBW: 3-100kHz



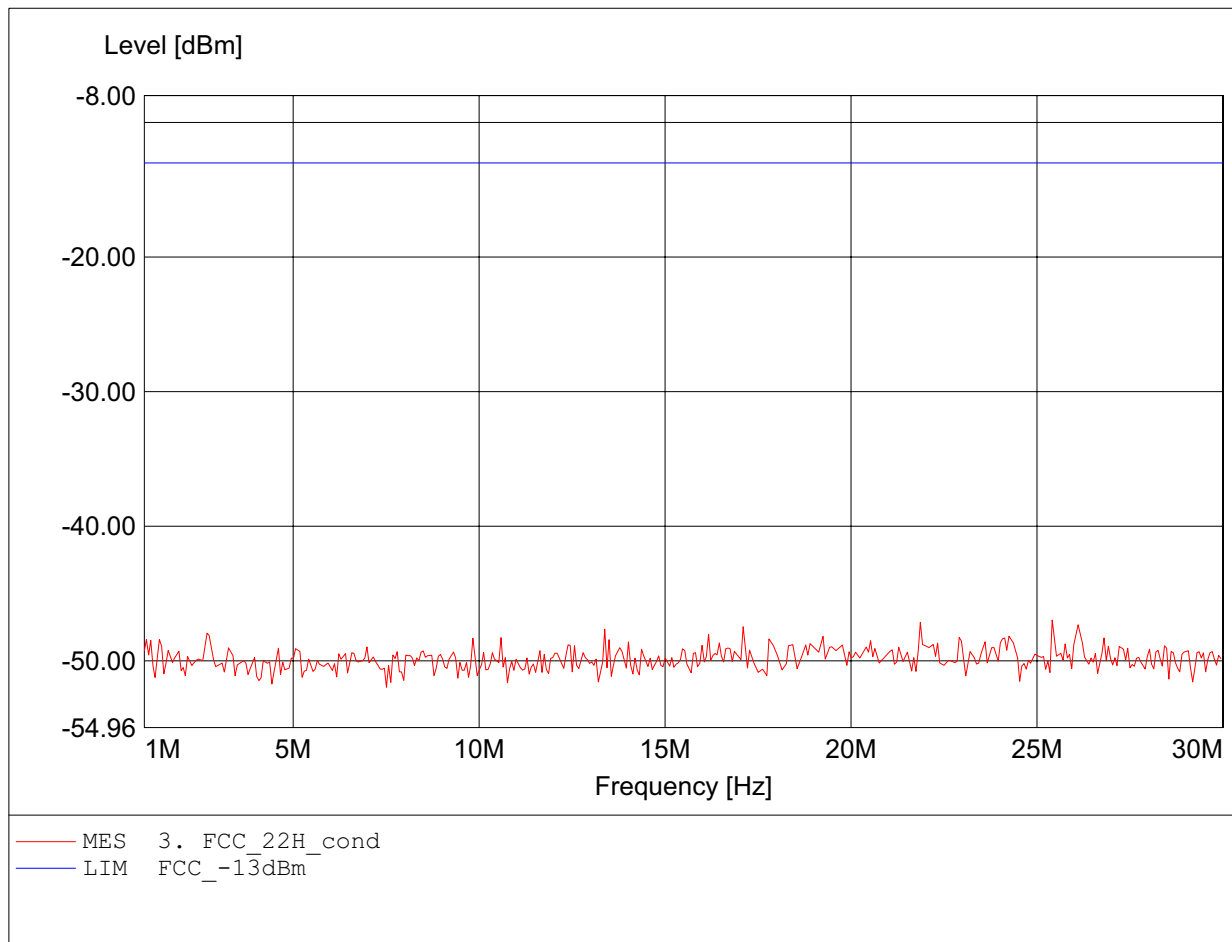
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, notch fliter, mode: TX  
Comment 2: Freq: 804.030MHz, Pmax: -56.23dBm, RBW: 3-100kHz



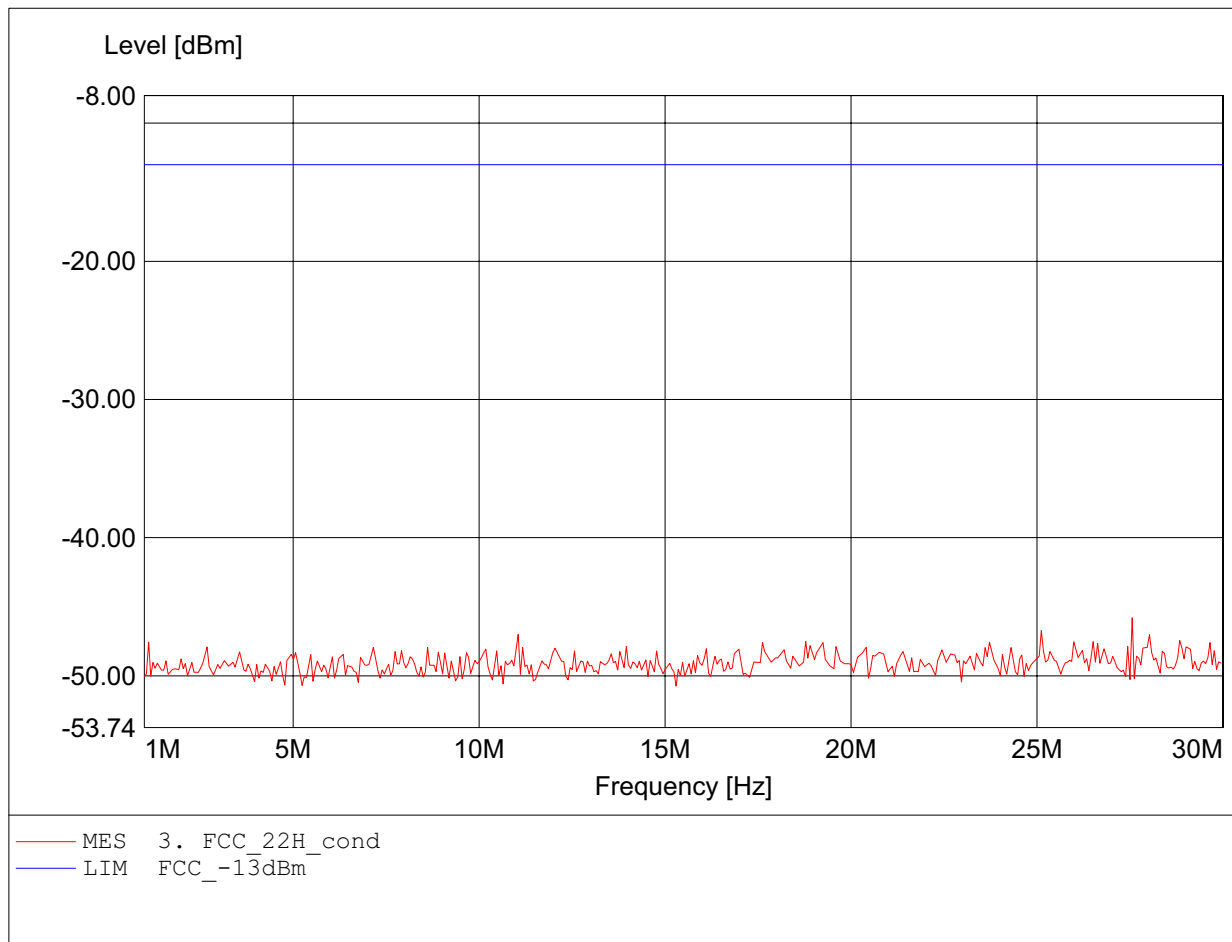
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 25.409MHz, Pmax: -46.97dBm, RBW: 100kHz



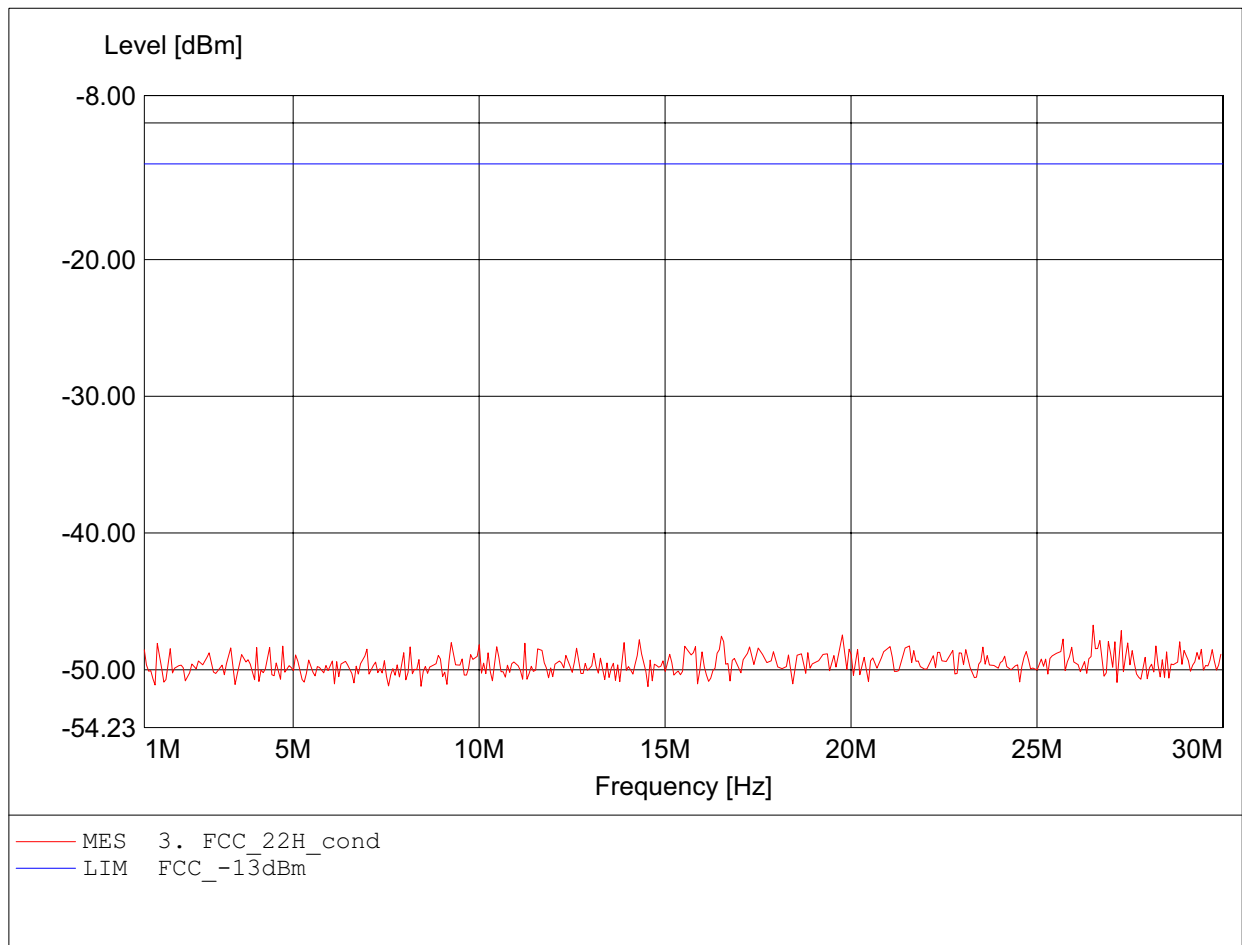
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 27.559MHz, Pmax: -45.79dBm, RBW: 100kHz



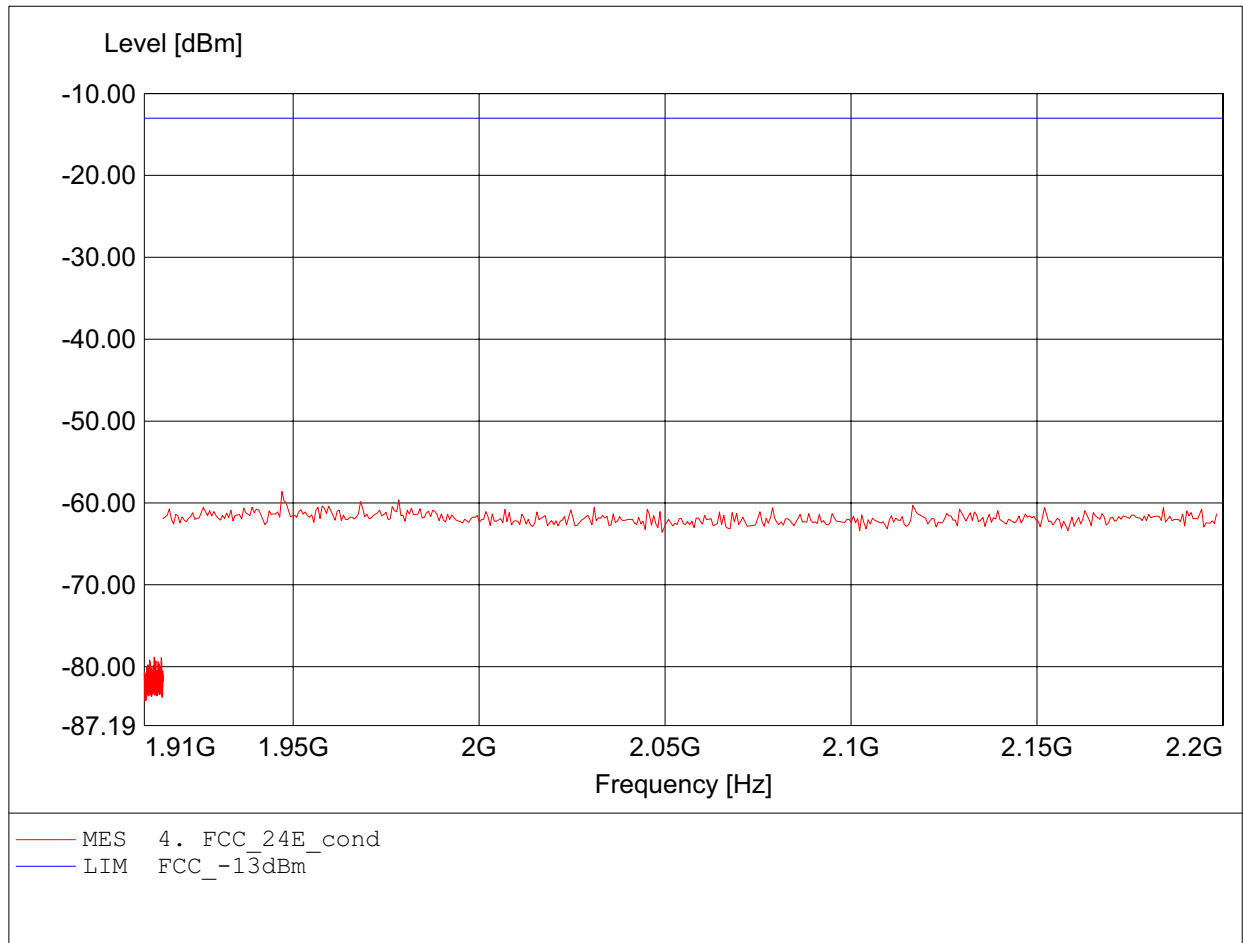
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 26.513MHz, Pmax: -46.74dBm, RBW: 100kHz



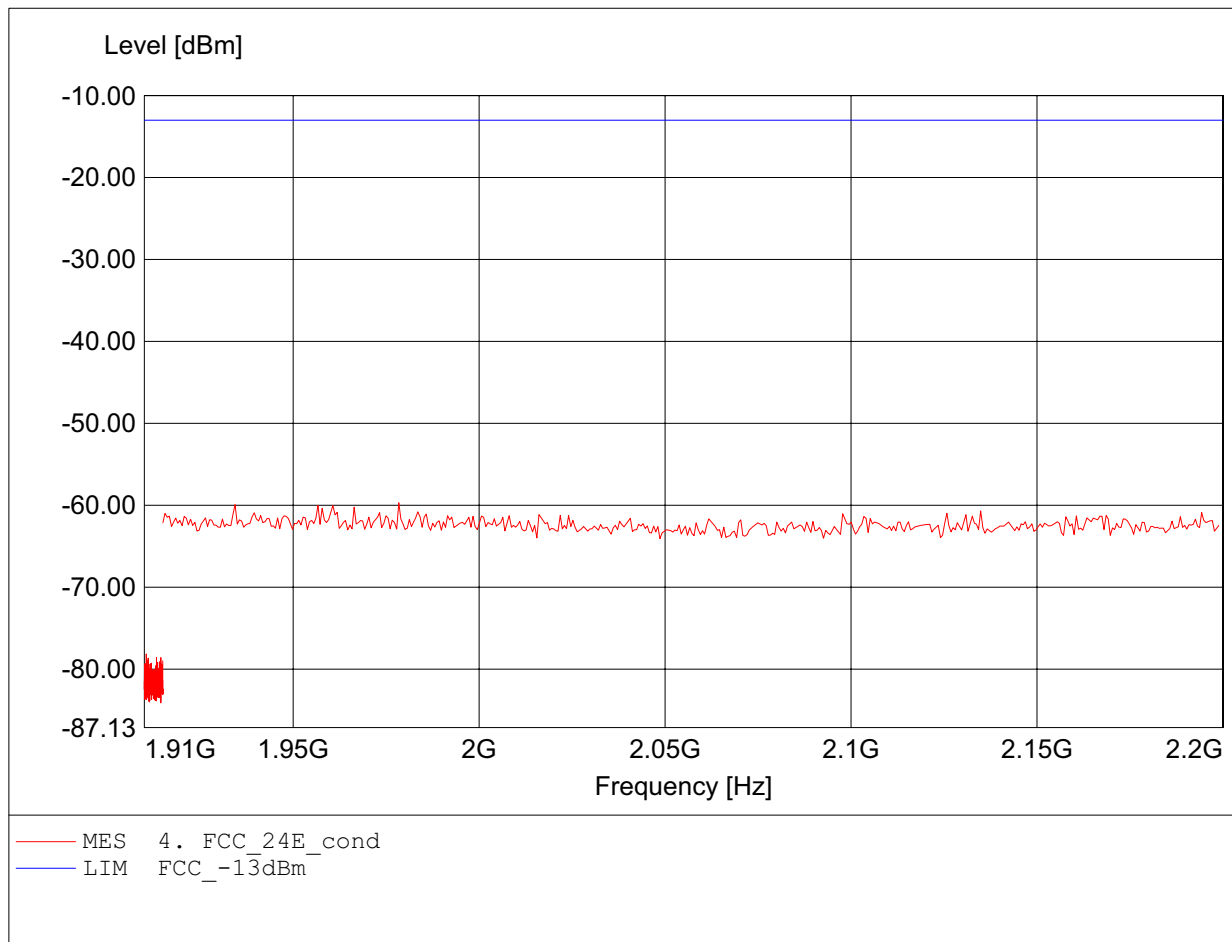
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, notch fliter, mode: TX  
Comment 2: Freq: 1.947GHz, Pmax: -58.59dBm, RBW: 3-100kHz



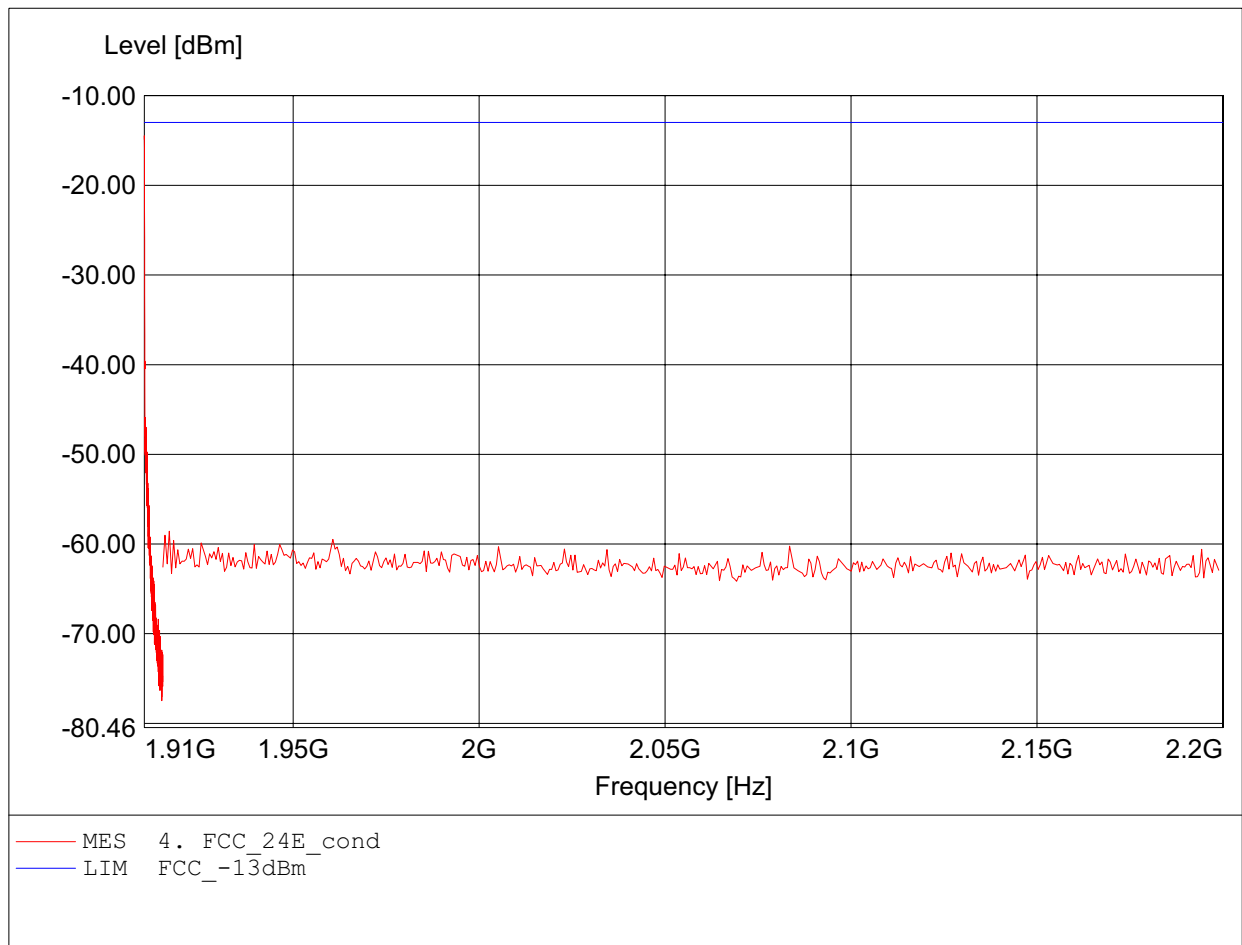
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, notch fliter, mode: TX  
Comment 2: Freq: 1.978GHz, Pmax: -59.68dBm, RBW: 3-100kHz



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

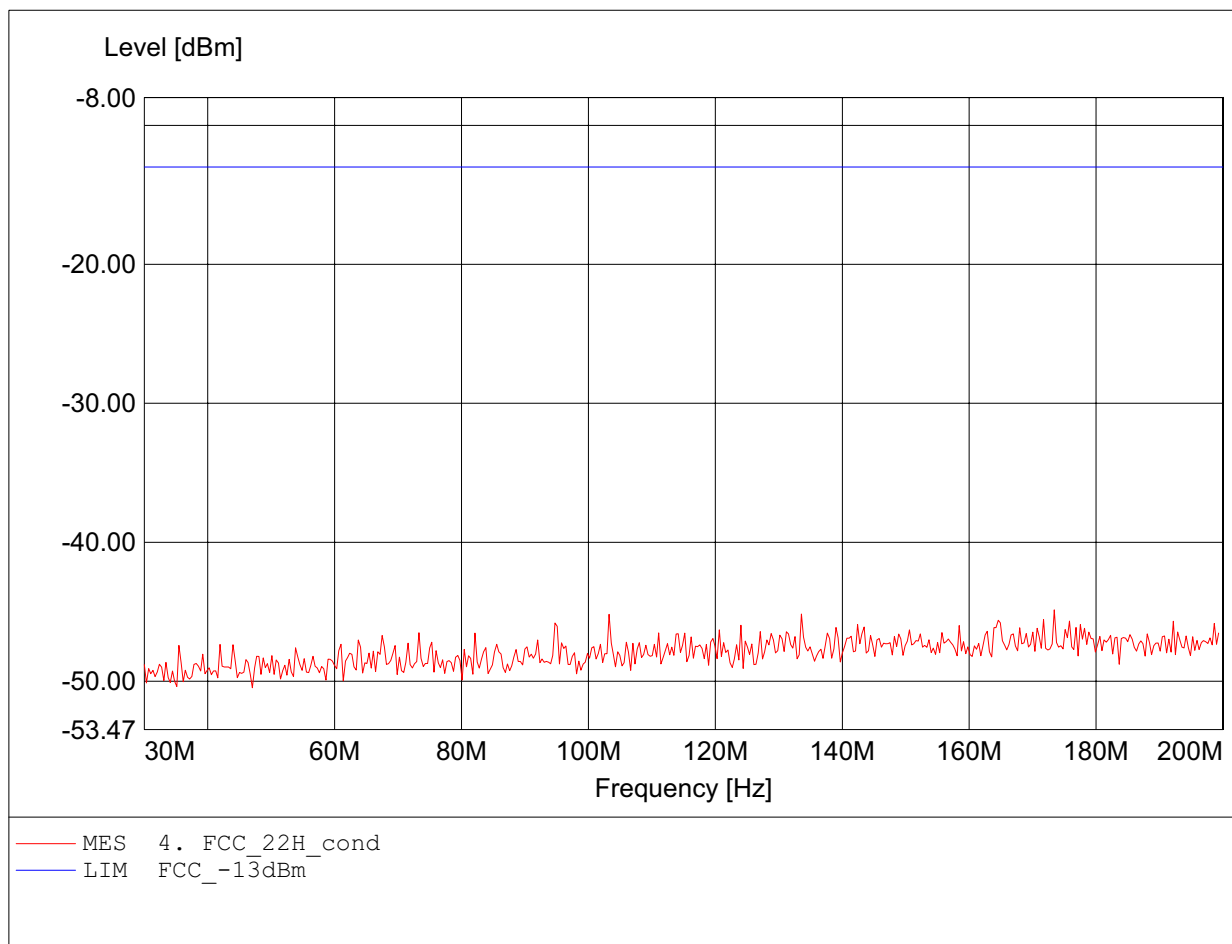
Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, notch fliter, mode: TX  
Comment 2: Freq: 1.910GHz, Pmax: -14.49dBm, RBW: 3-100kHz





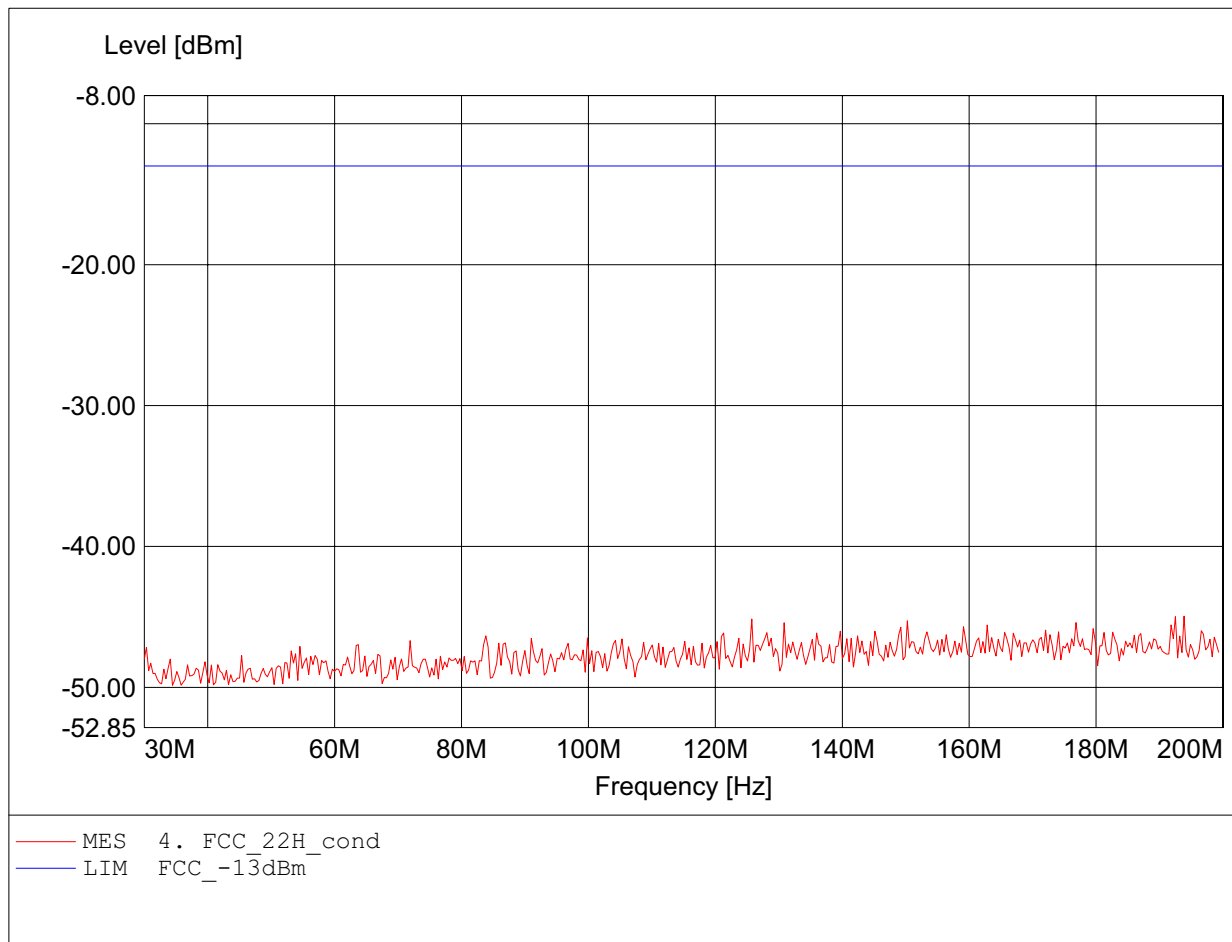
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 173.427MHz, Pmax: -44.86dBm, RBW: 100kHz



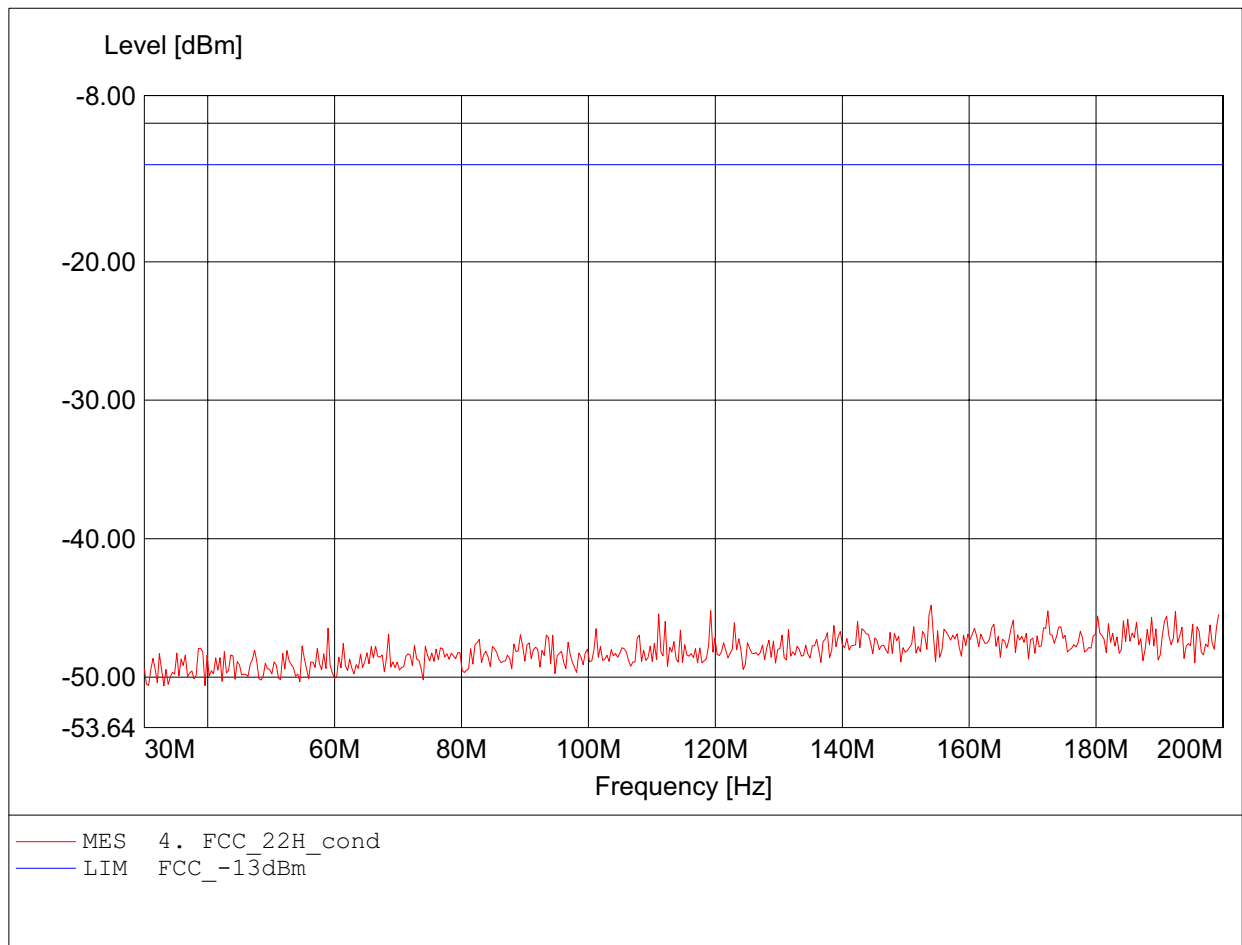
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 193.868MHz, Pmax: -44.94dBm, RBW: 100kHz



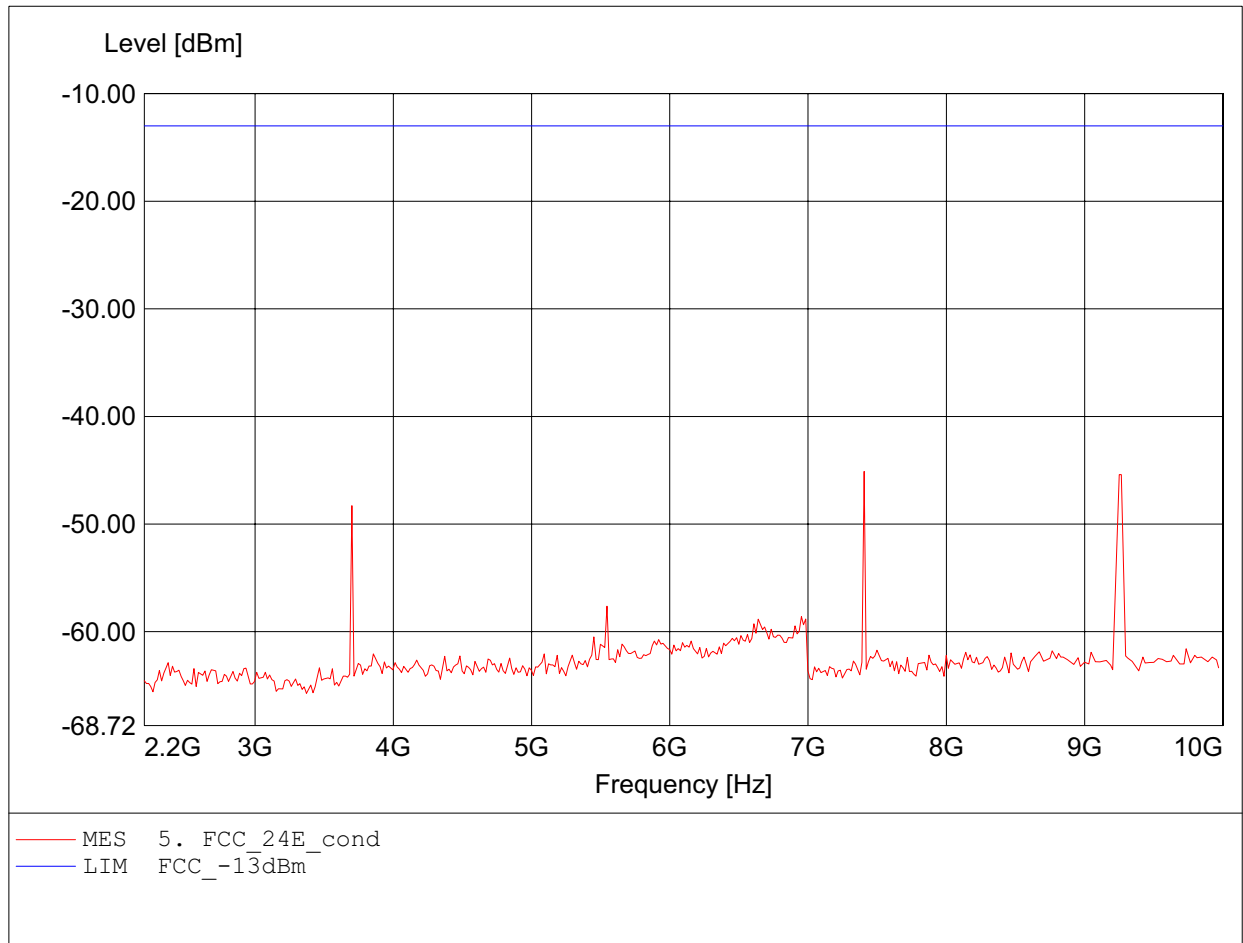
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, mode: TX  
Comment 2: Freq: 154.008MHz, Pmax: -44.79dBm, RBW: 100kHz



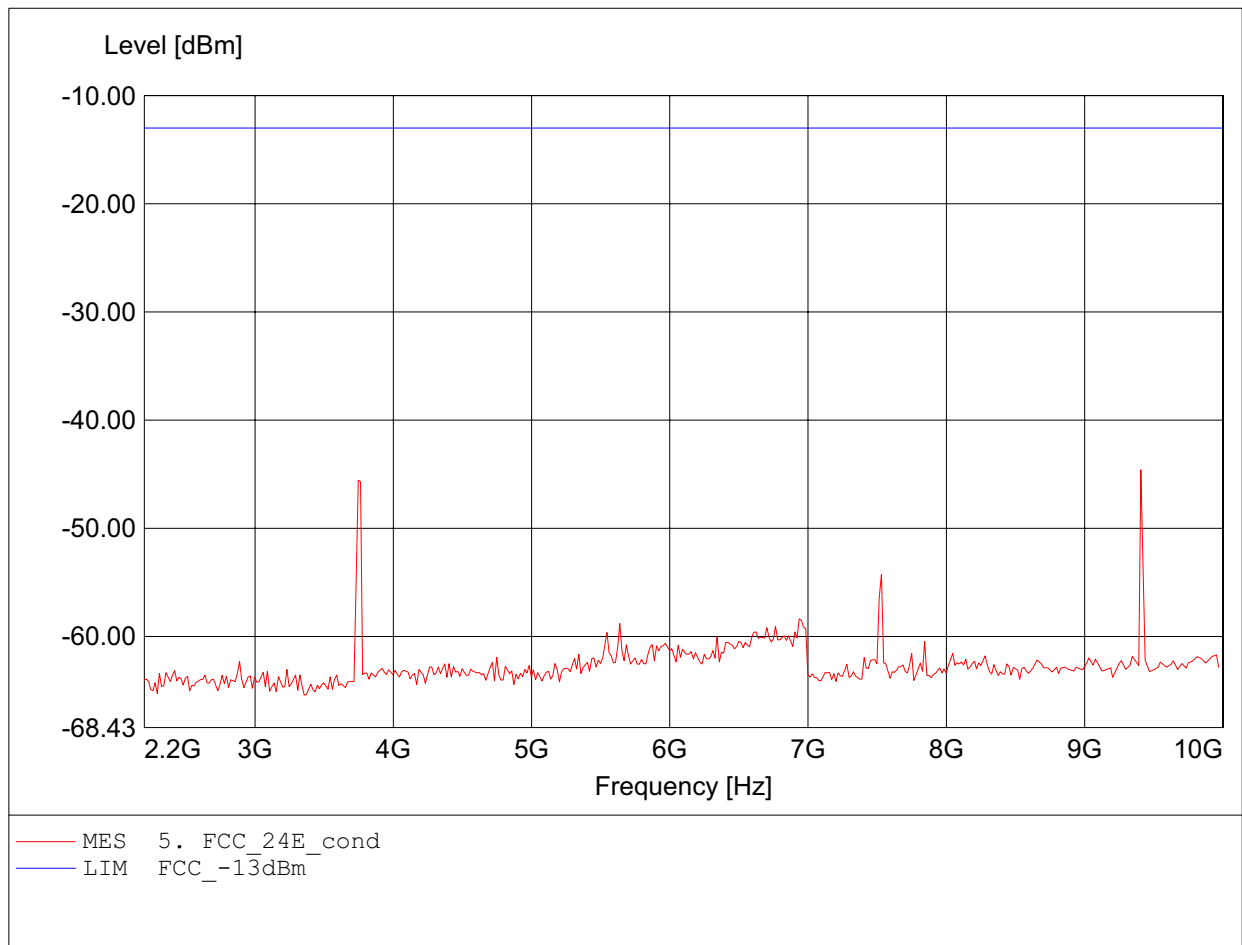
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 7.405GHz, Pmax: -45.10dBm, RBW: 100kHz



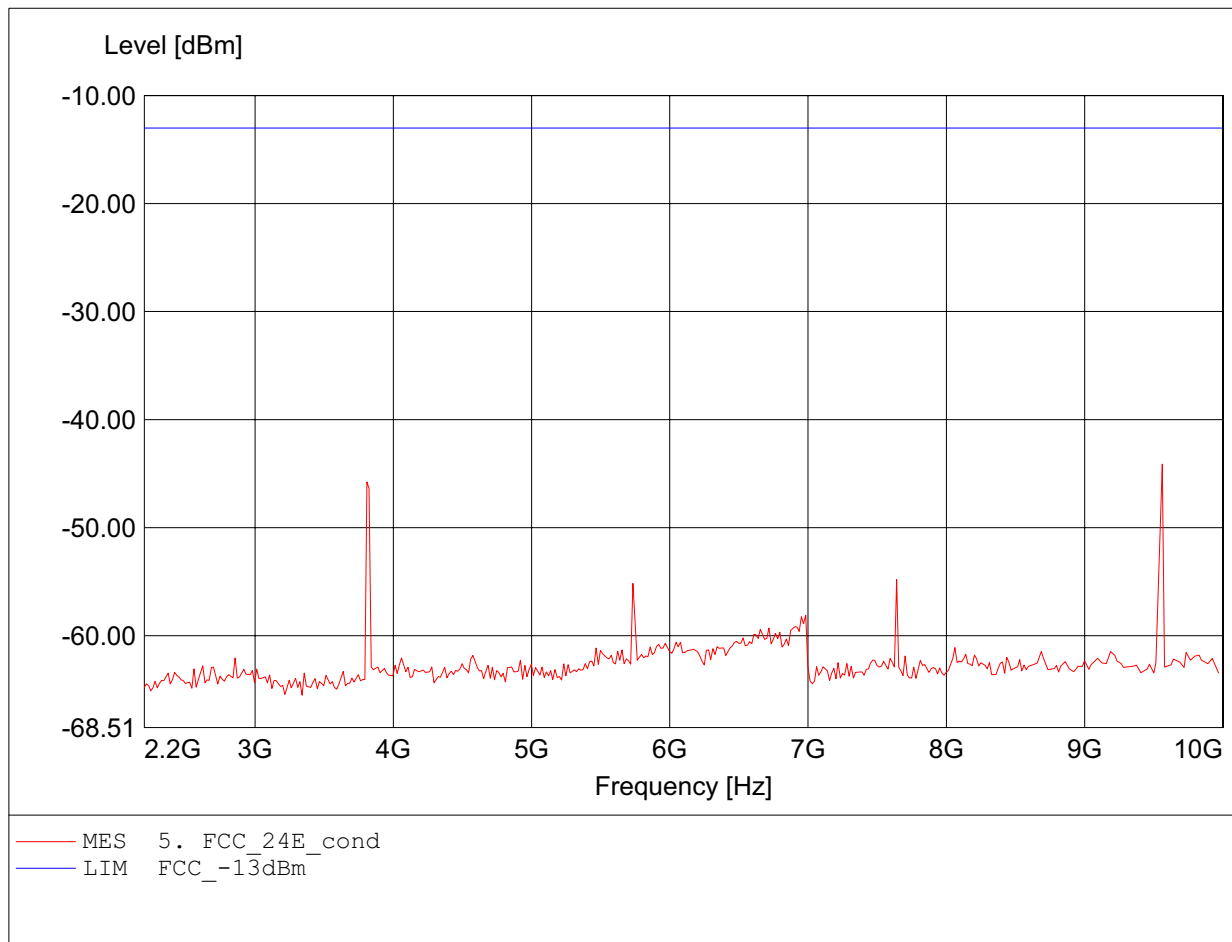
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 9.406GHz, Pmax: -44.59dBm, RBW: 100kHz



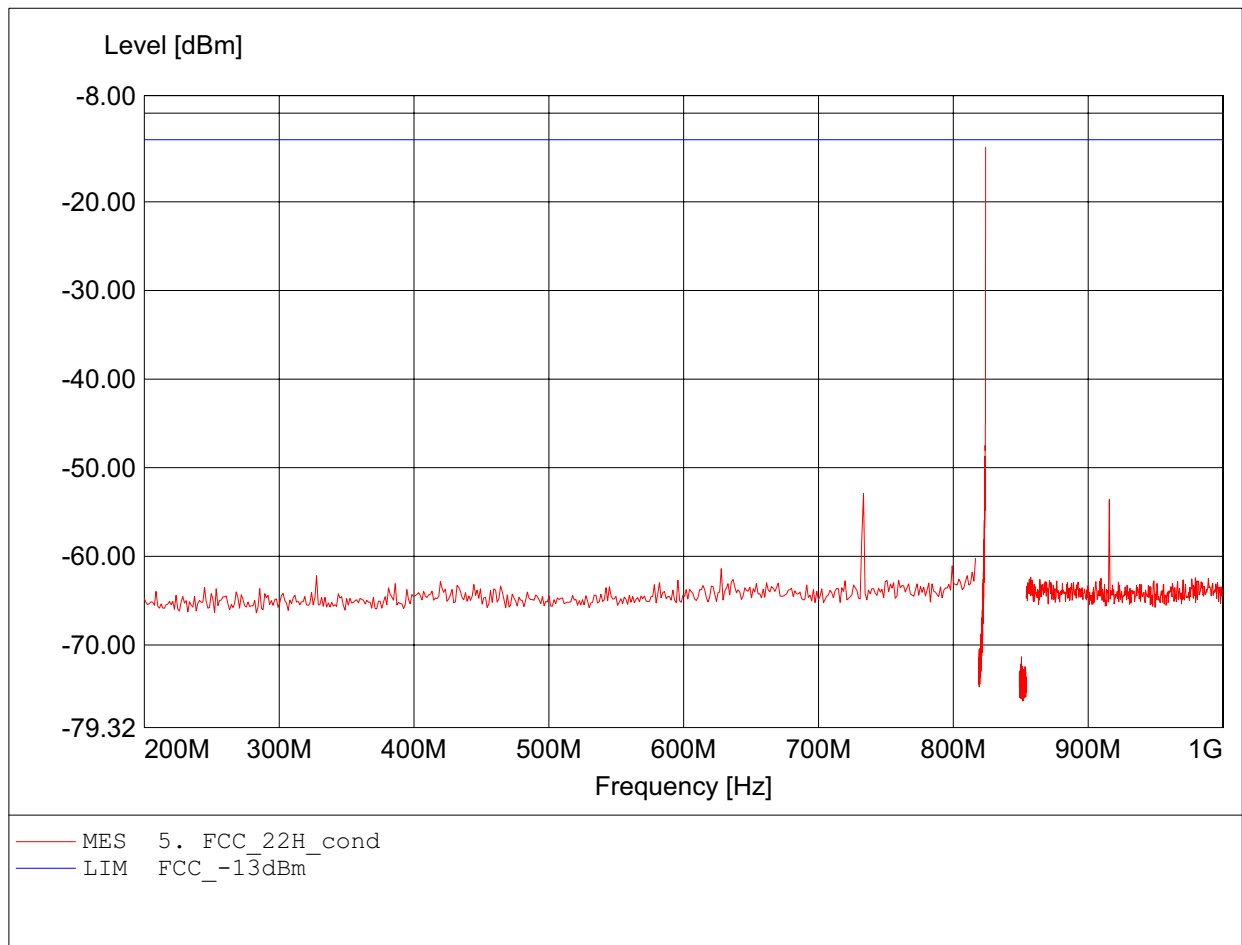
**Conducted Emissions Tx  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 9.562GHz, Pmax: -44.12dBm, RBW: 100kHz



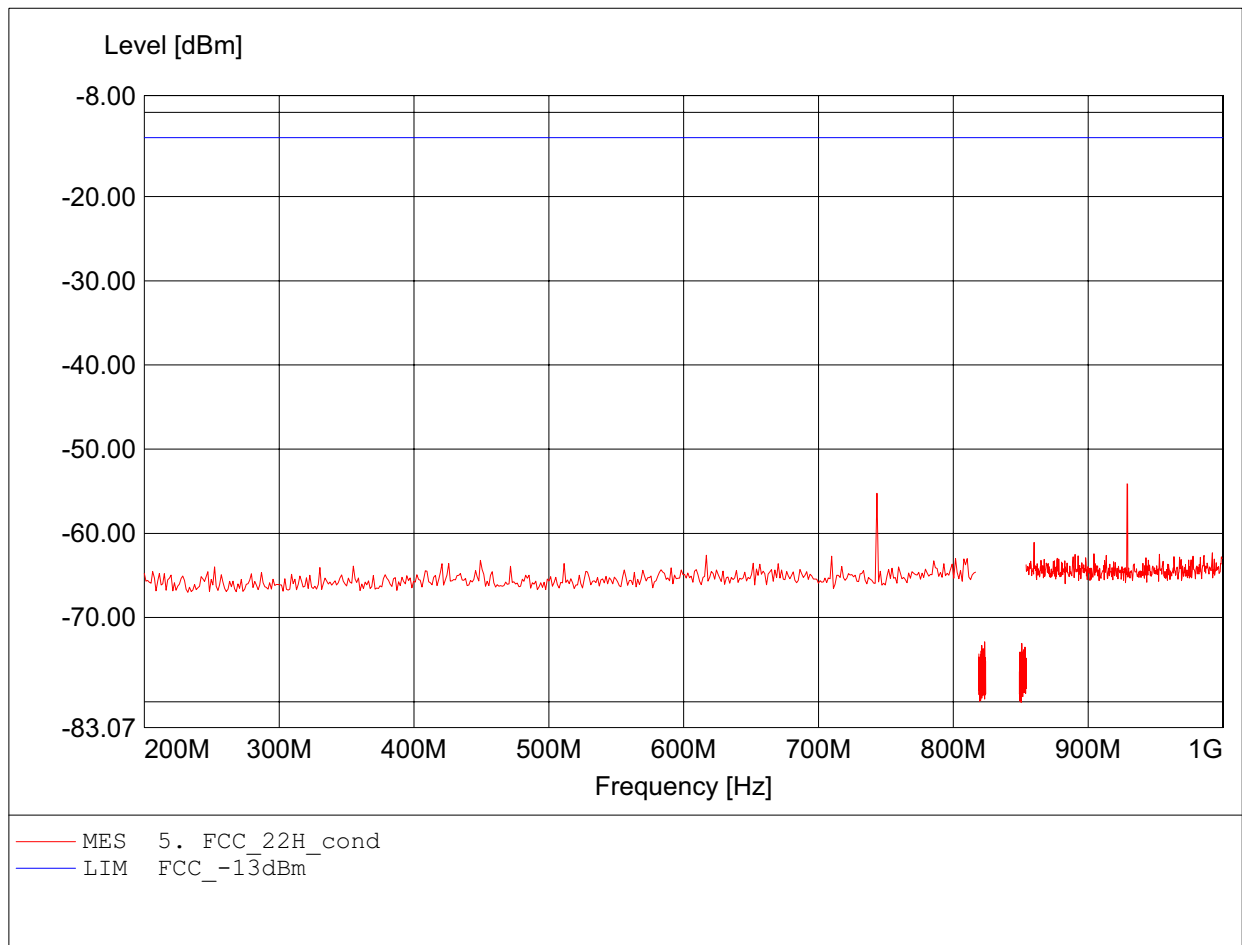
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, notch filter, mode: TX  
Comment 2: Freq: 823.980MHz, Pmax: -13.83dBm, RBW: 3-100kHz



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

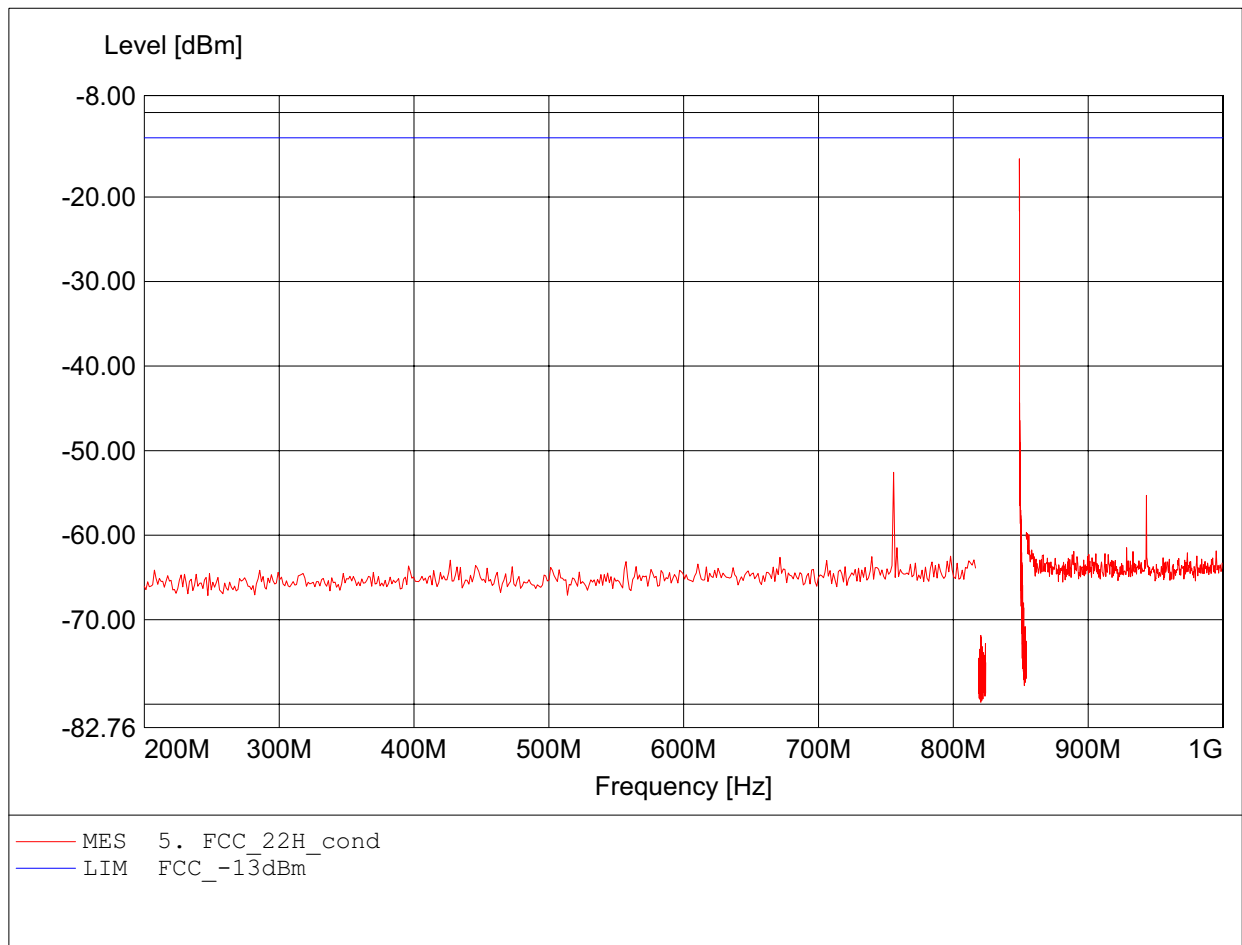
Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, notch filter, mode: TX  
Comment 2: Freq: 928.902MHz, Pmax: -54.12dBm, RBW: 3-100kHz





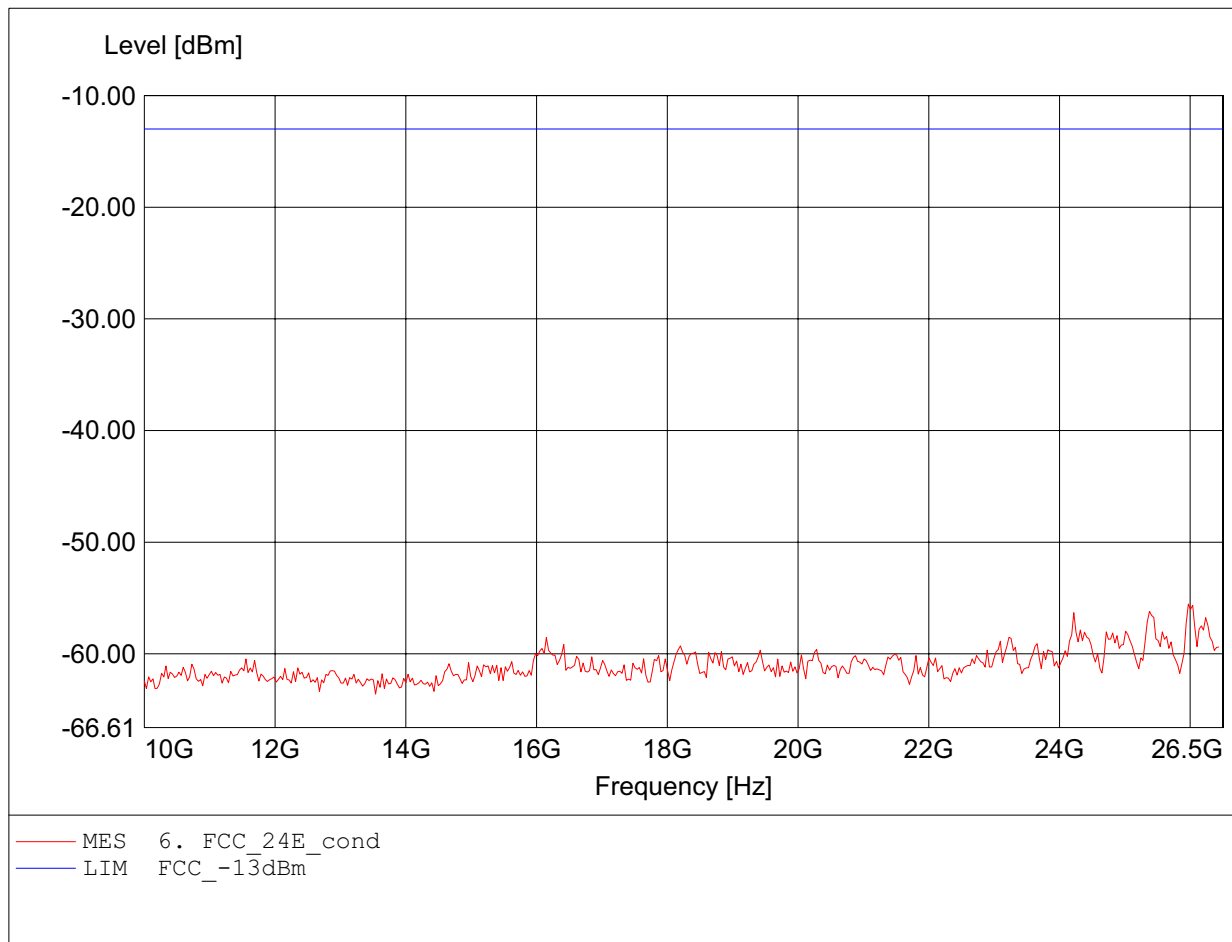
**Conducted Emissions Tx  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, notch filter, mode: TX  
Comment 2: Freq: 849.010MHz, Pmax: -15.48dBm, RBW: 3-100kHz



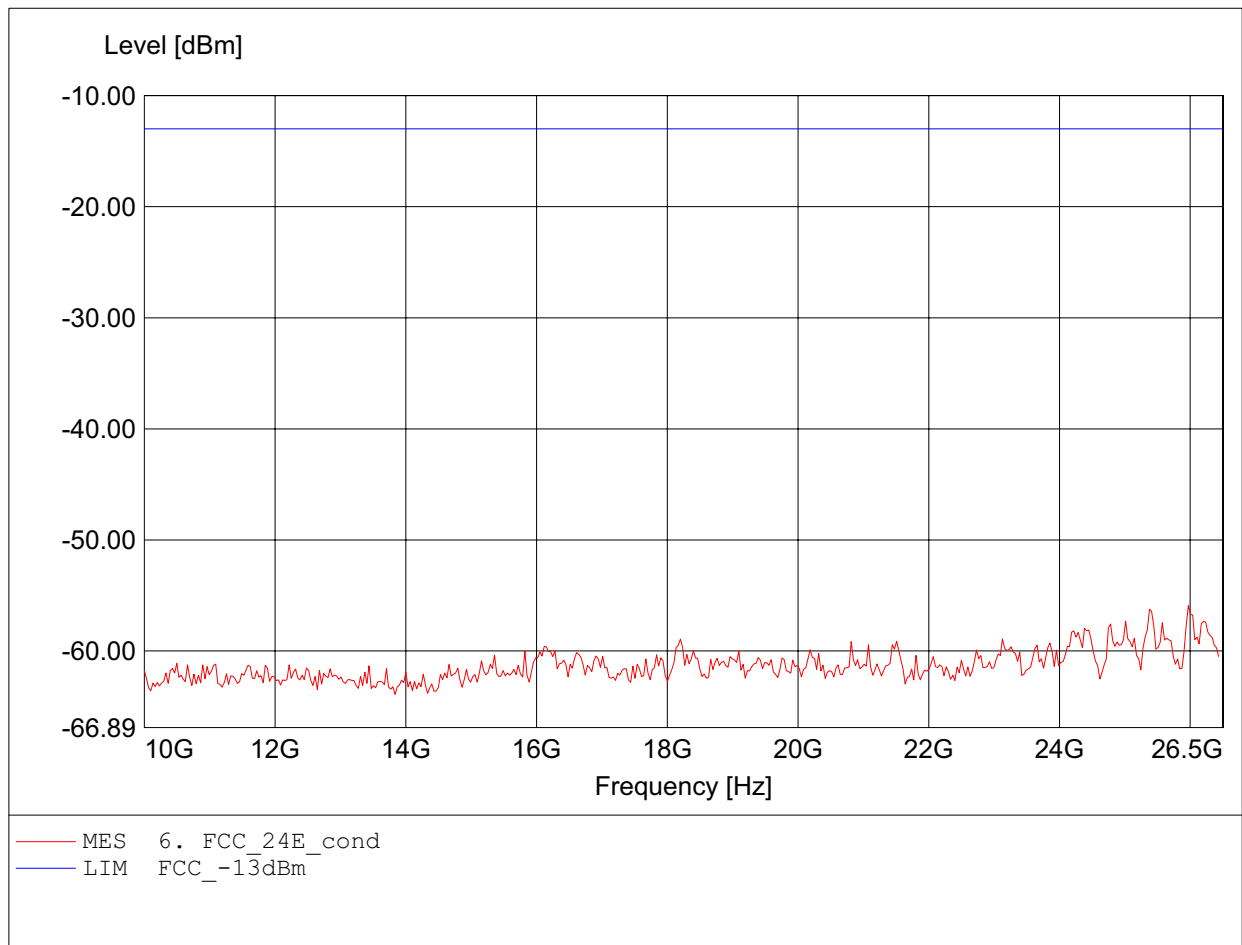
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 25.971GHz, Pmax: -55.54dBm, RBW: 100kHz



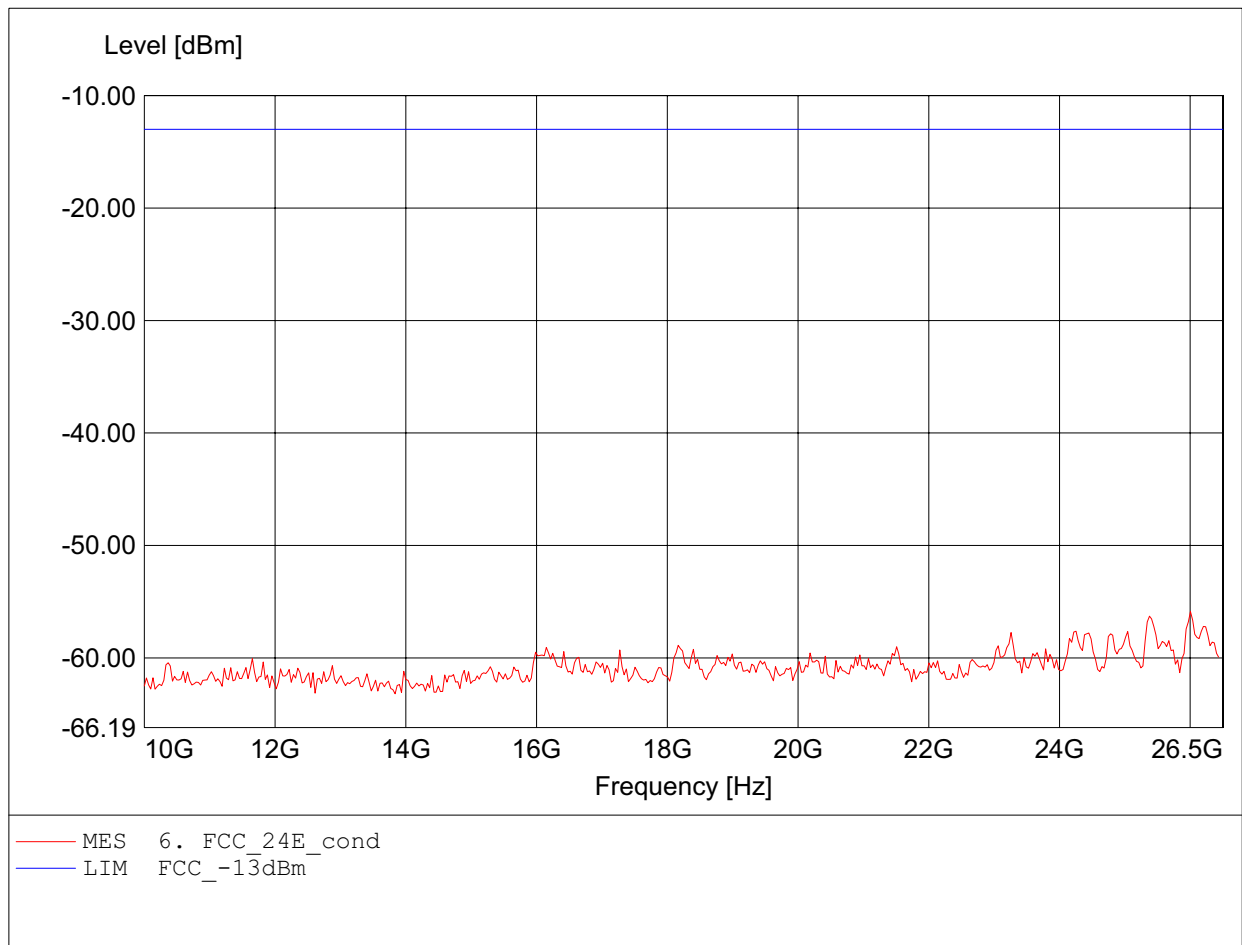
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 25.971GHz, Pmax: -55.90dBm, RBW: 100kHz



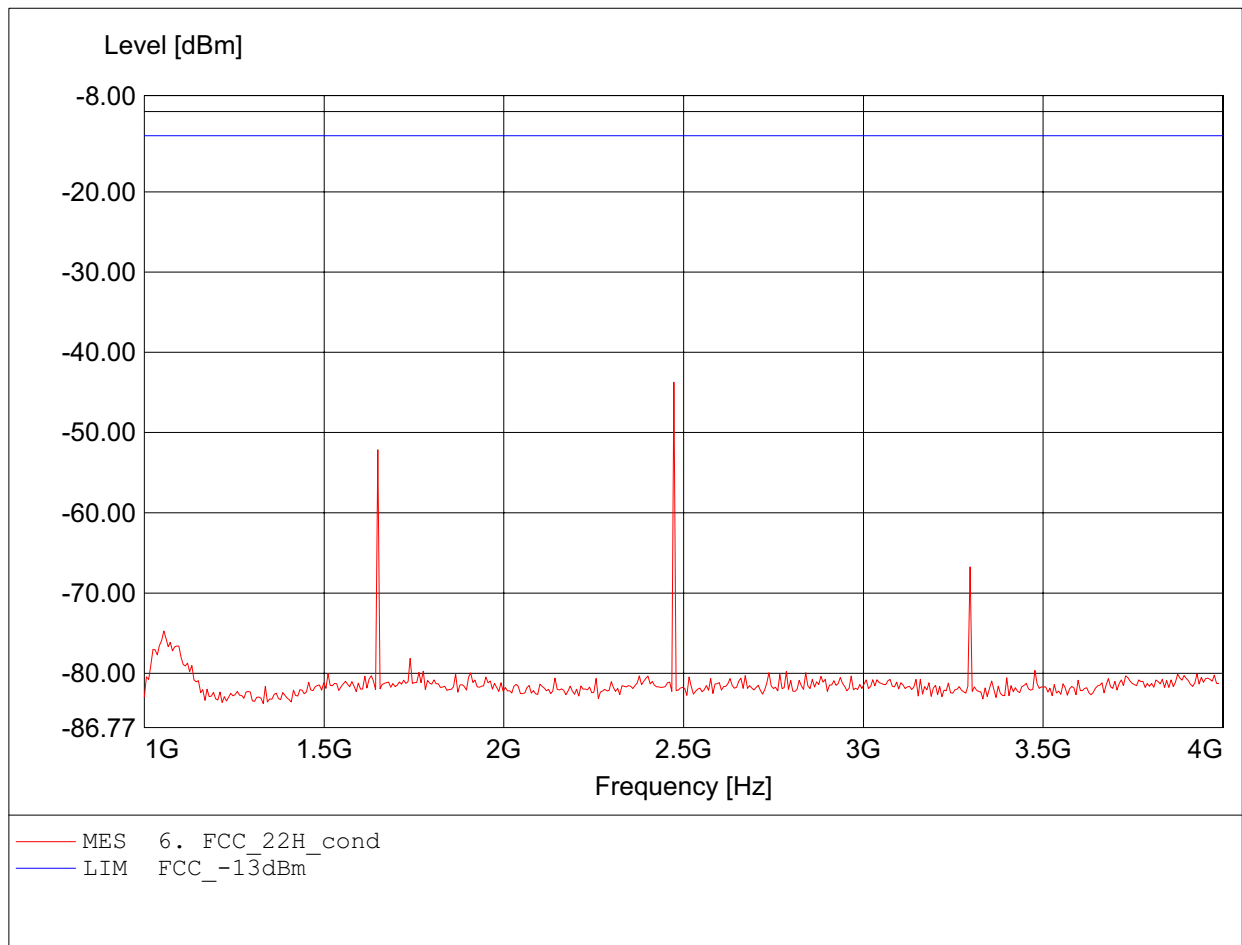
**Conducted Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 26.004GHz, Pmax: -55.87dBm, RBW: 100kHz



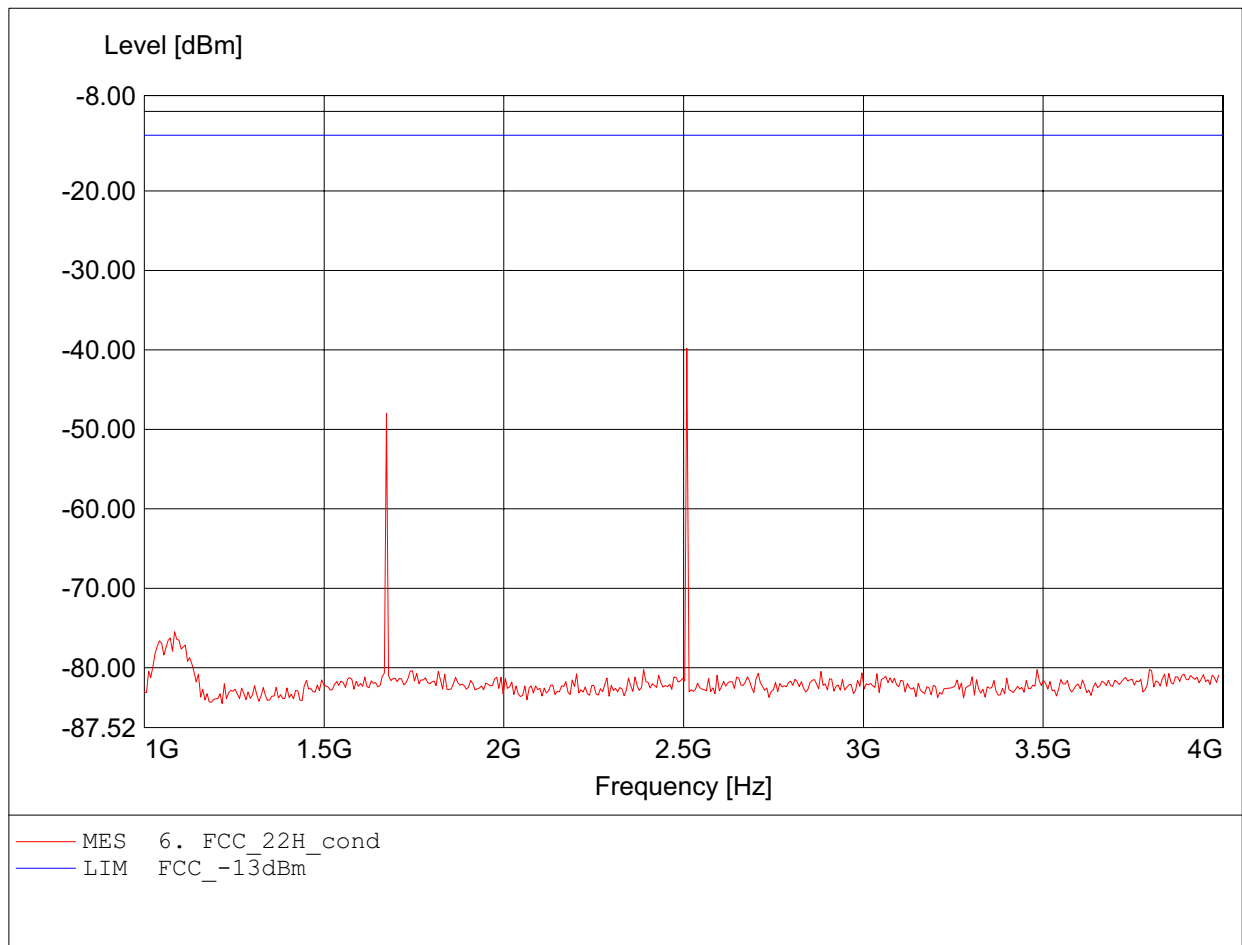
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 2.473GHz, Pmax: -43.73dBm, RBW: 100kHz



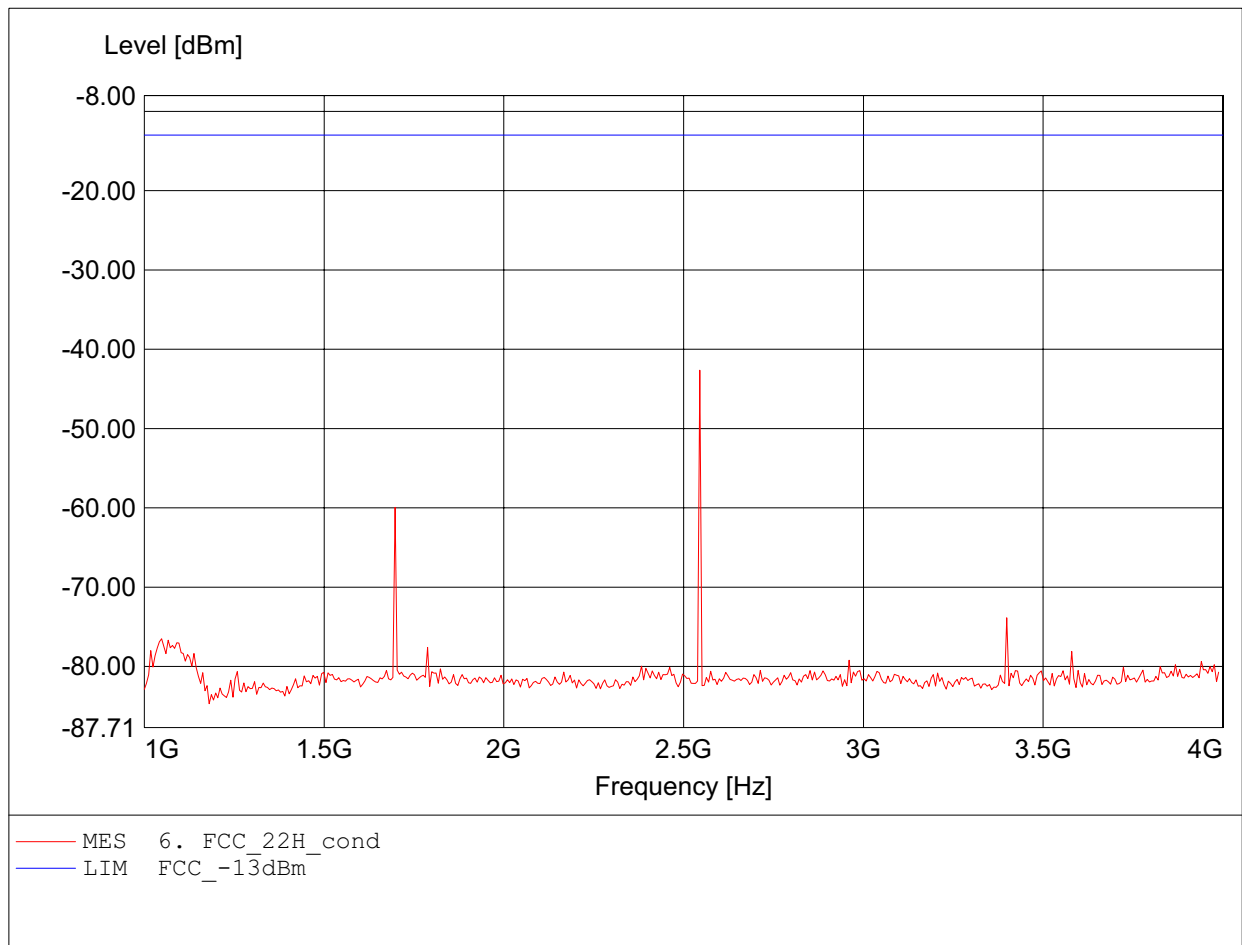
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 2.509GHz, Pmax: -39.80dBm, RBW: 100kHz



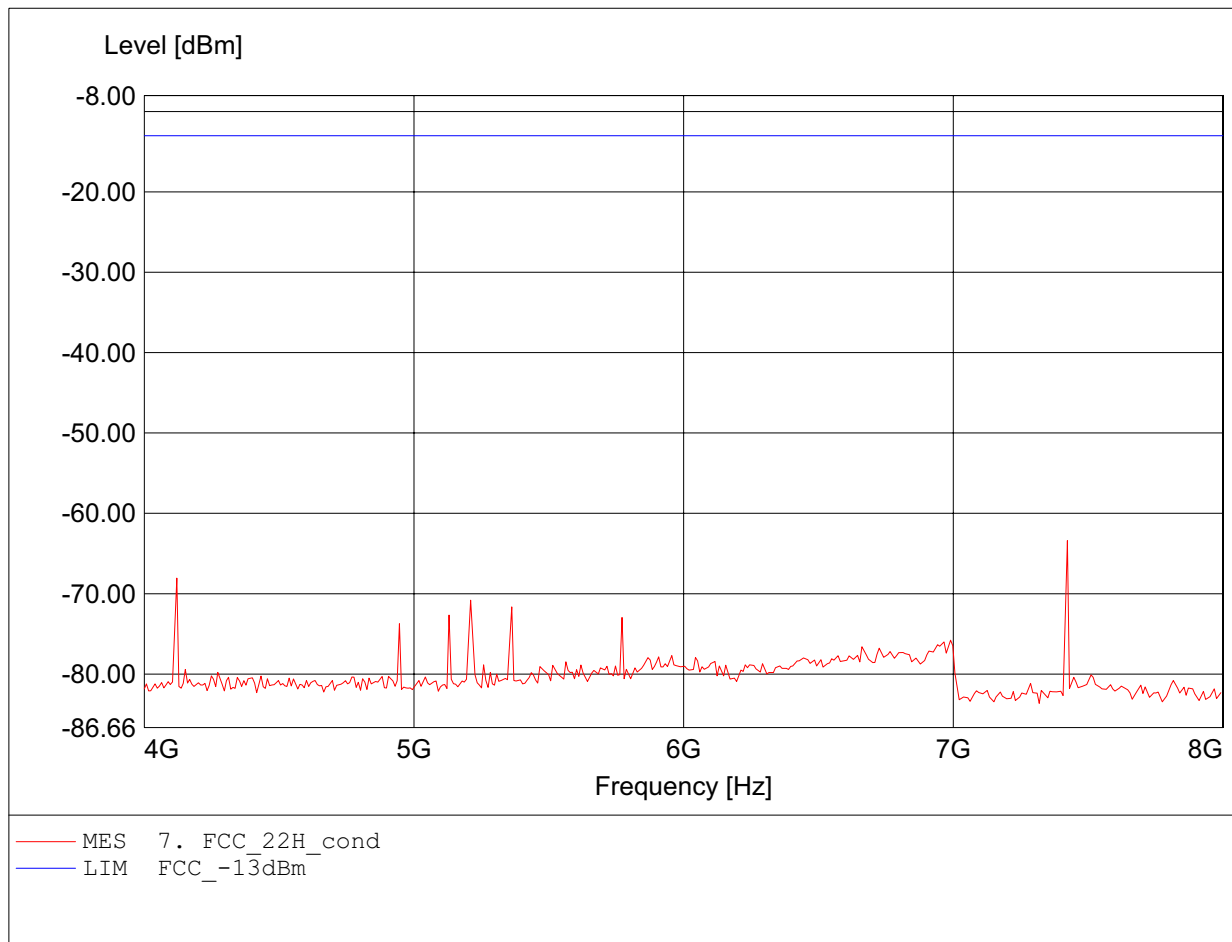
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 2.545GHz, Pmax: -42.63dBm, RBW: 100kHz



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

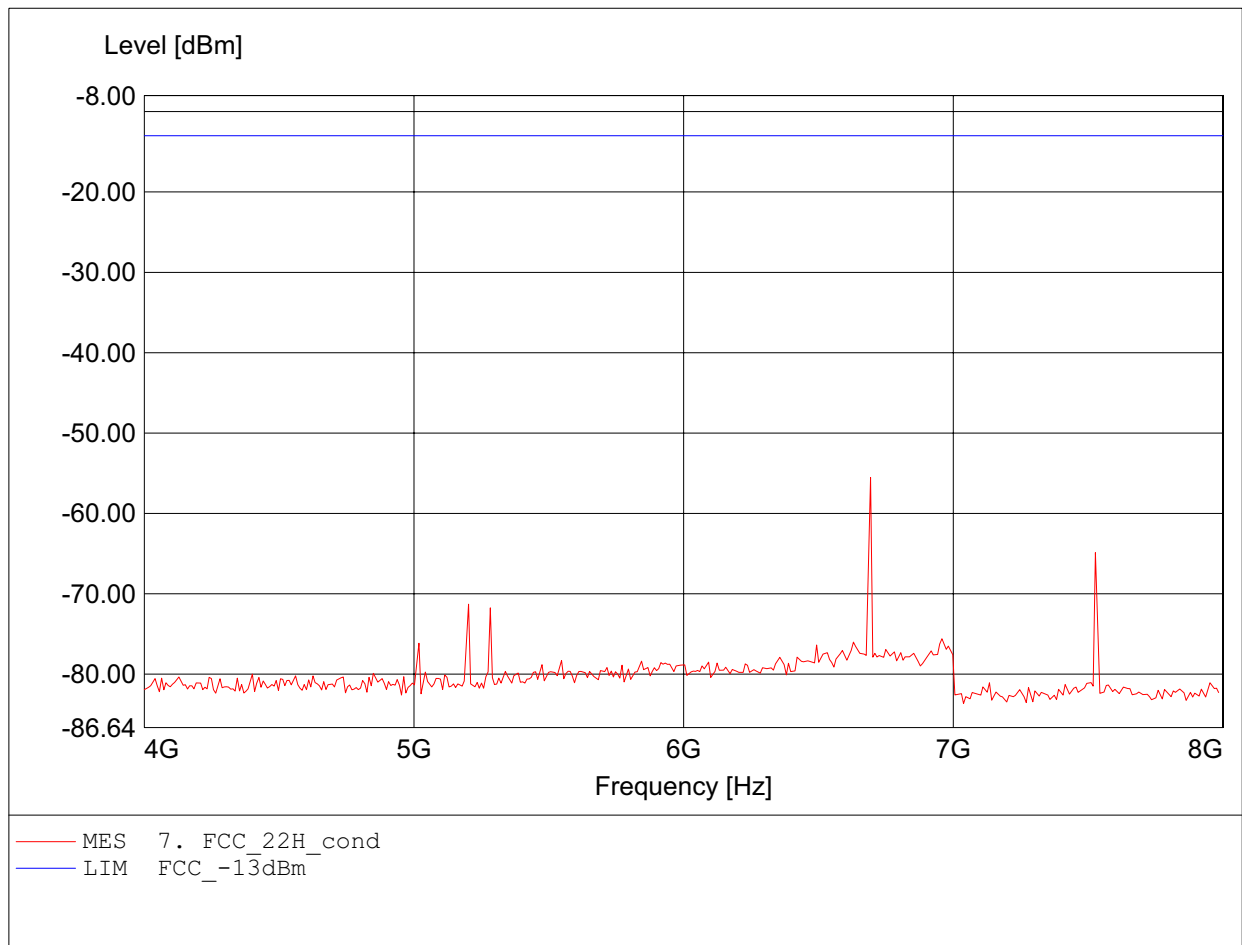
Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 7.423GHz, Pmax: -63.40dBm, RBW: 100kHz





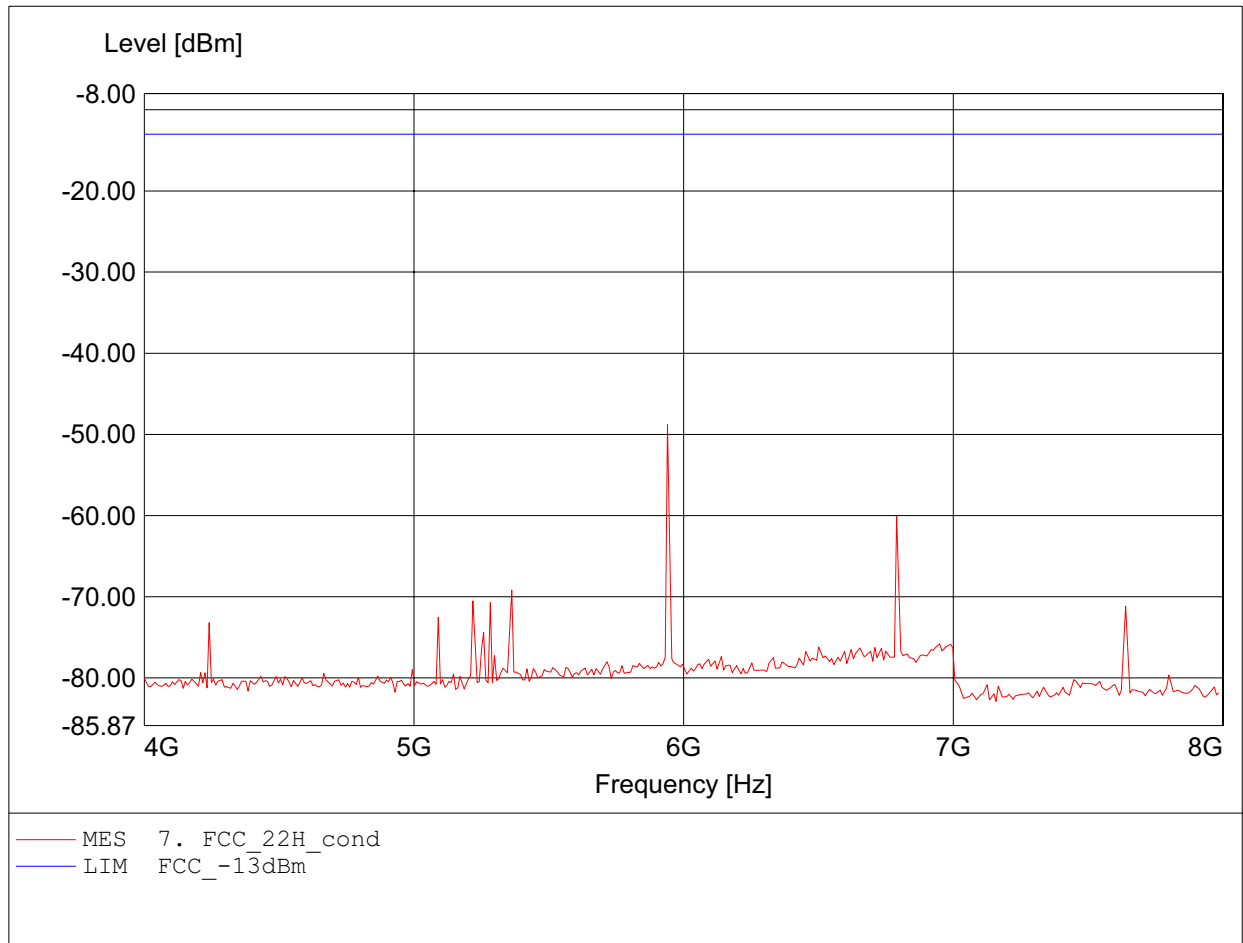
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 6.693GHz, Pmax: -55.50dBm, RBW: 100kHz



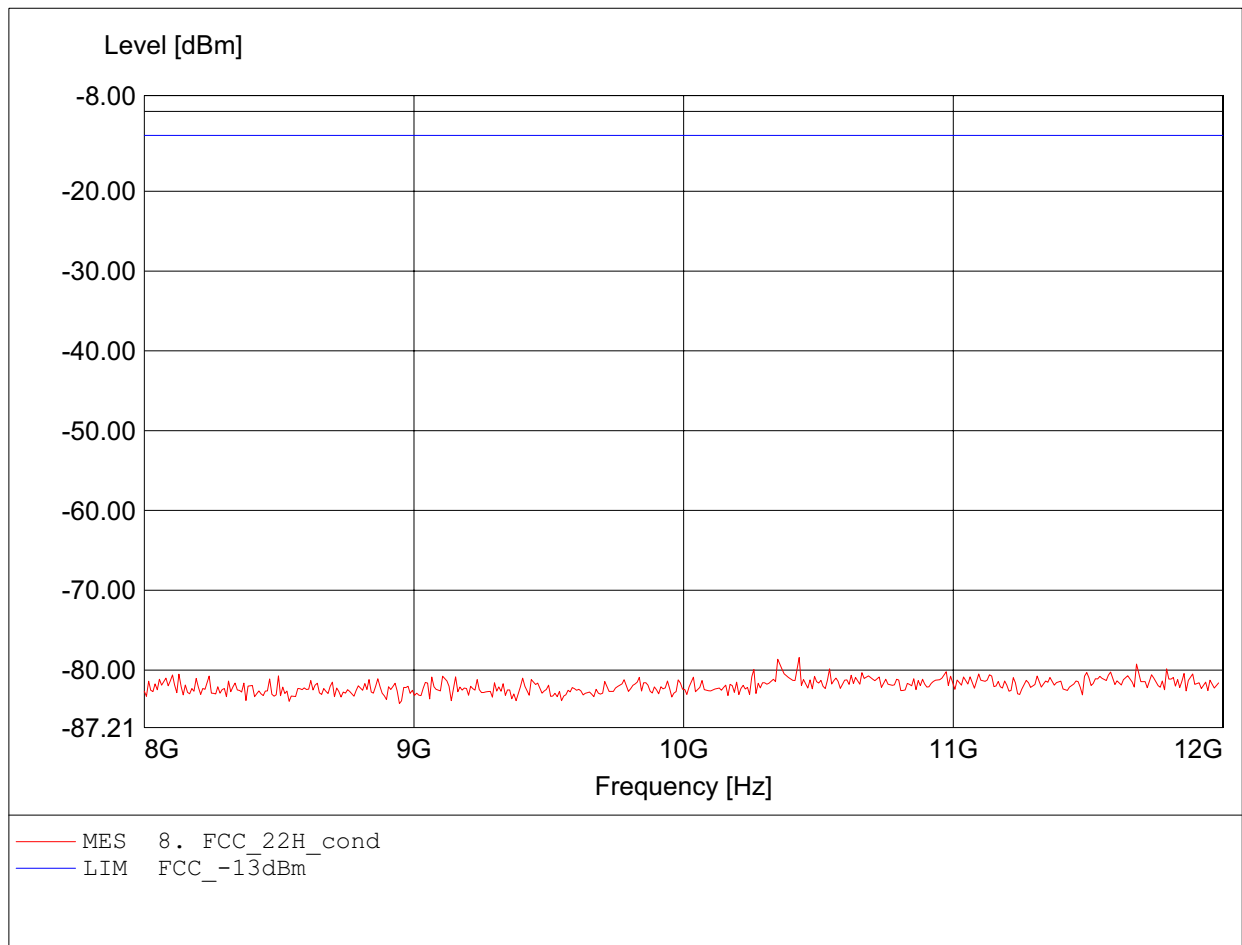
**Conducted Emissions Tx  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 5.940GHz, Pmax: -48.77dBm, RBW: 100kHz



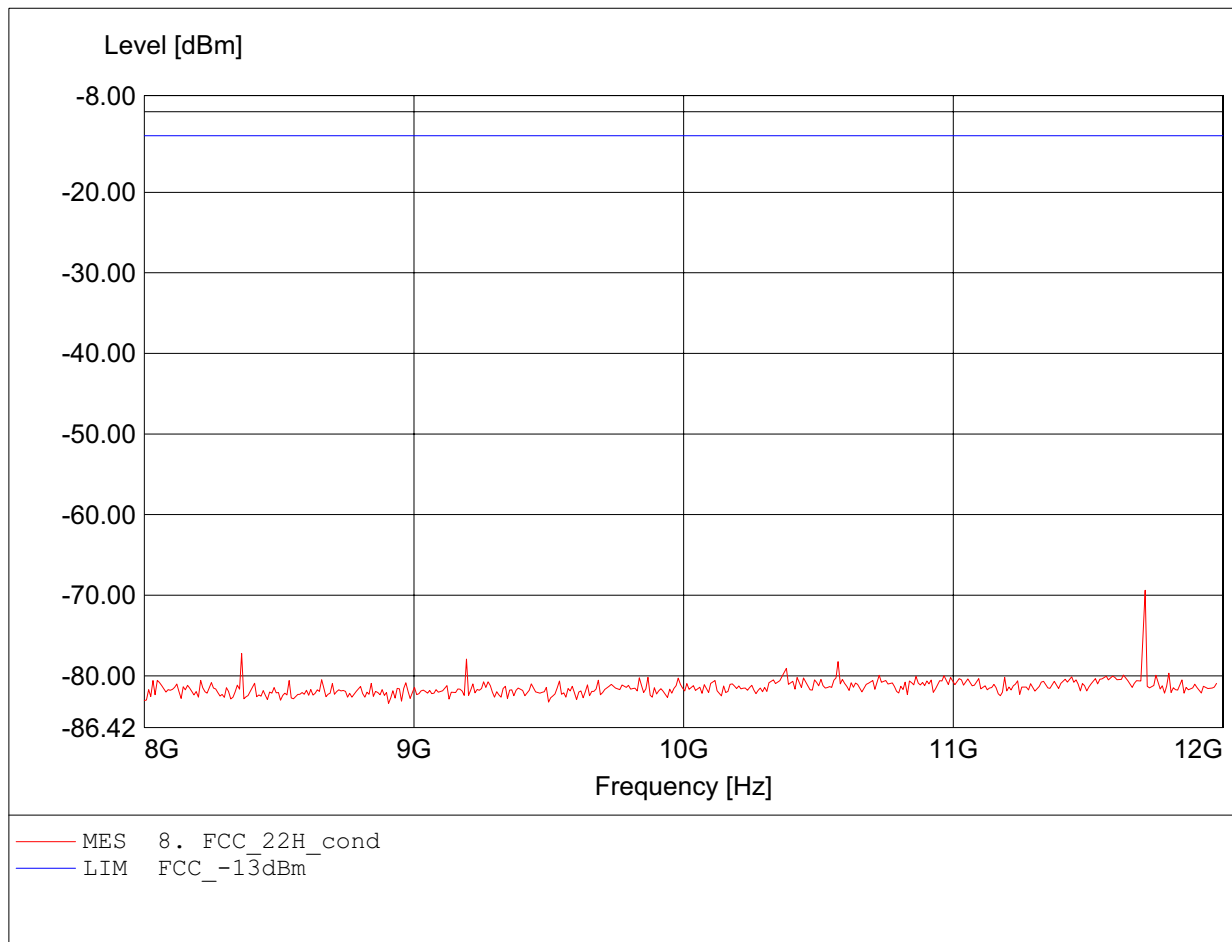
**Conducted Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 128  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 10.429GHz, Pmax: -78.43dBm, RBW: 100kHz



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

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 188  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 11.711GHz, Pmax: -69.39dBm, RBW: 100kHz



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

Approval Holder: PANTECH CO., LTD.  
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: A100 / 251  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: conducted, highpass, mode: TX  
Comment 2: Freq: 11.888GHz, Pmax: -74.55dBm, RBW: 100kHz

