



## Appendix B

Peak Output Power

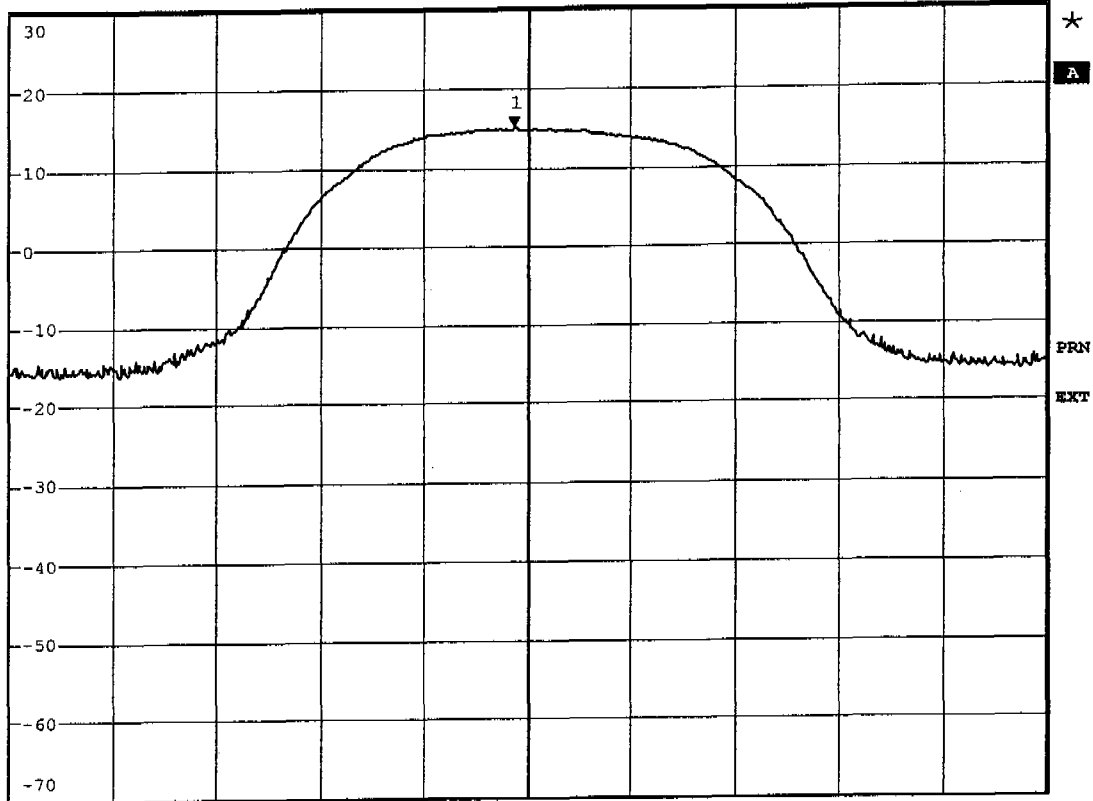


\*RBW 20 MHz      Marker 1 [T1 ]  
VBW 10 MHz      14.88 dBm  
SWT 2.5 ms      2.410974359 GHz

Ref 30 dBm

Att 55 dB

1 PK  
VIEW



Center 2.412 GHz

8 MHz/

Span 80 MHz

Comment A: Output Power Conducted 100% Voltage PBCC 11Mb/s  
Date: 12.DEC.2003 15:21:55

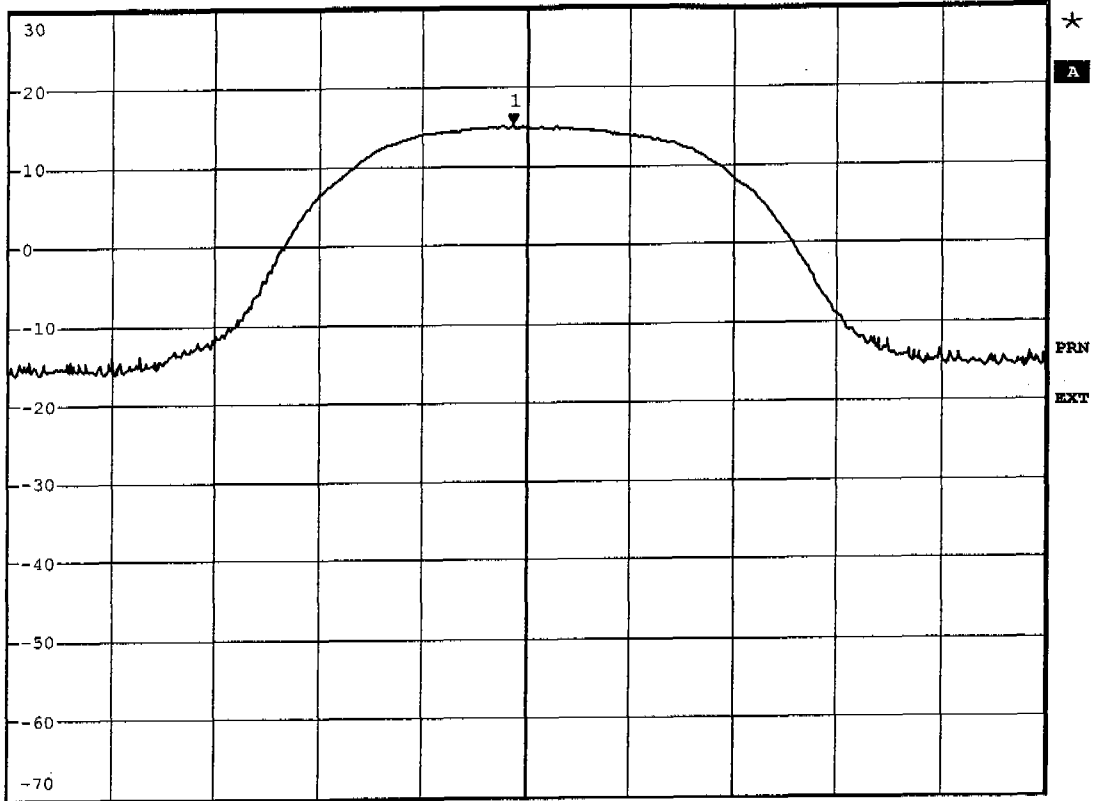


\*RBW 20 MHz      Marker 1 [T1 ]  
VBW 10 MHz      14.88 dBm  
SWT 2.5 ms      2.435974359 GHz

Ref 30 dBm

Att 55 dB

1 PK  
VIEW



Center 2.437 GHz

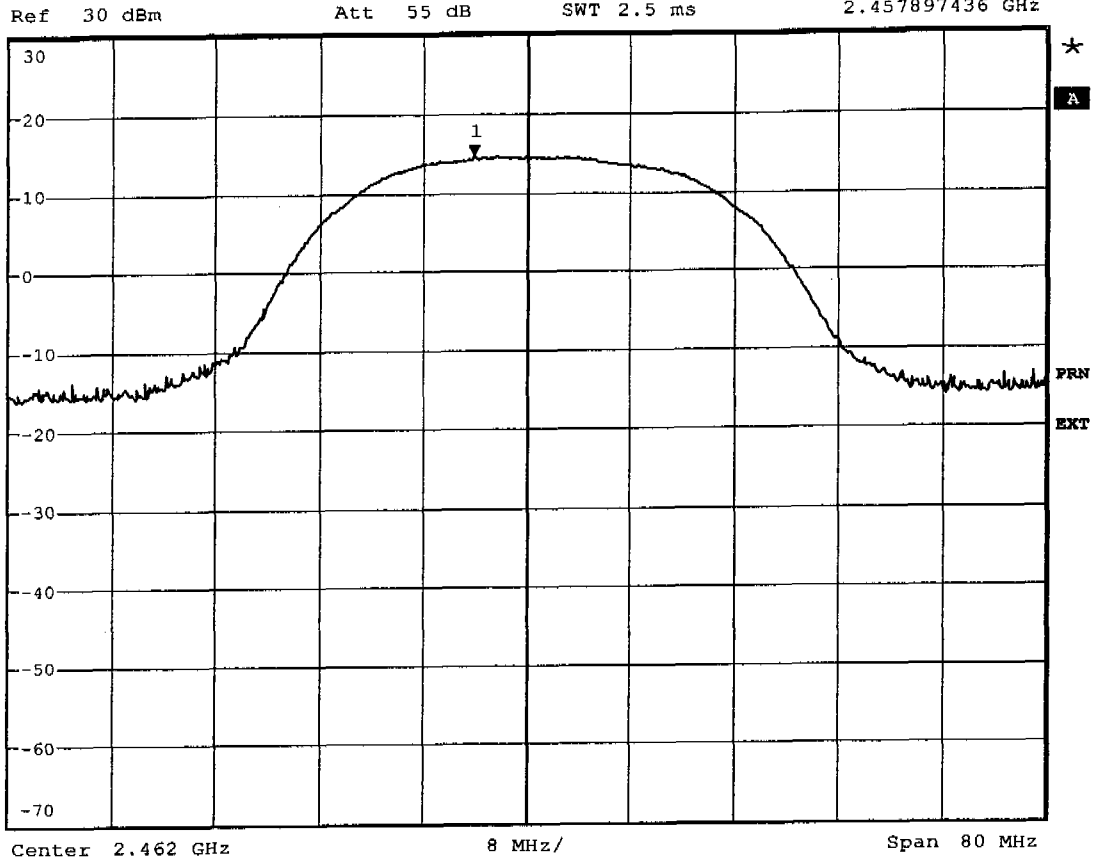
8 MHz/

Span 80 MHz

Comment A: Output Power Conducted 100% Voltage PBCC 11Mb/s  
Date: 12.DEC.2003 15:23:06



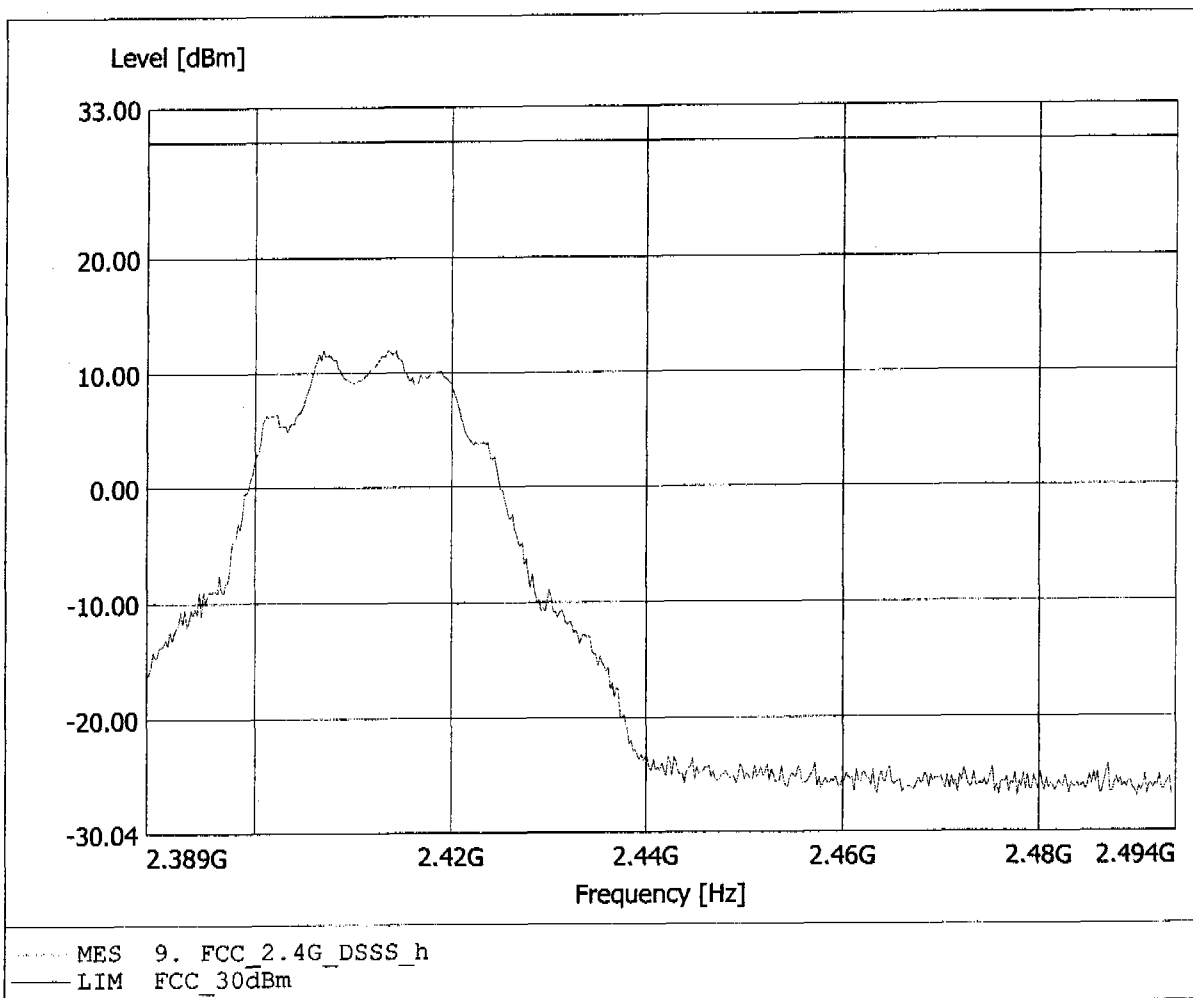
\*RBW 20 MHz      Marker 1 [T1 ]  
VBW 10 MHz      14.53 dBm  
SWT 2.5 ms      2.457897436 GHz



Comment A: Output Power Conducted 100% Voltage PBCC 11Mb/s  
Date: 12.DEC.2003 15:24:16

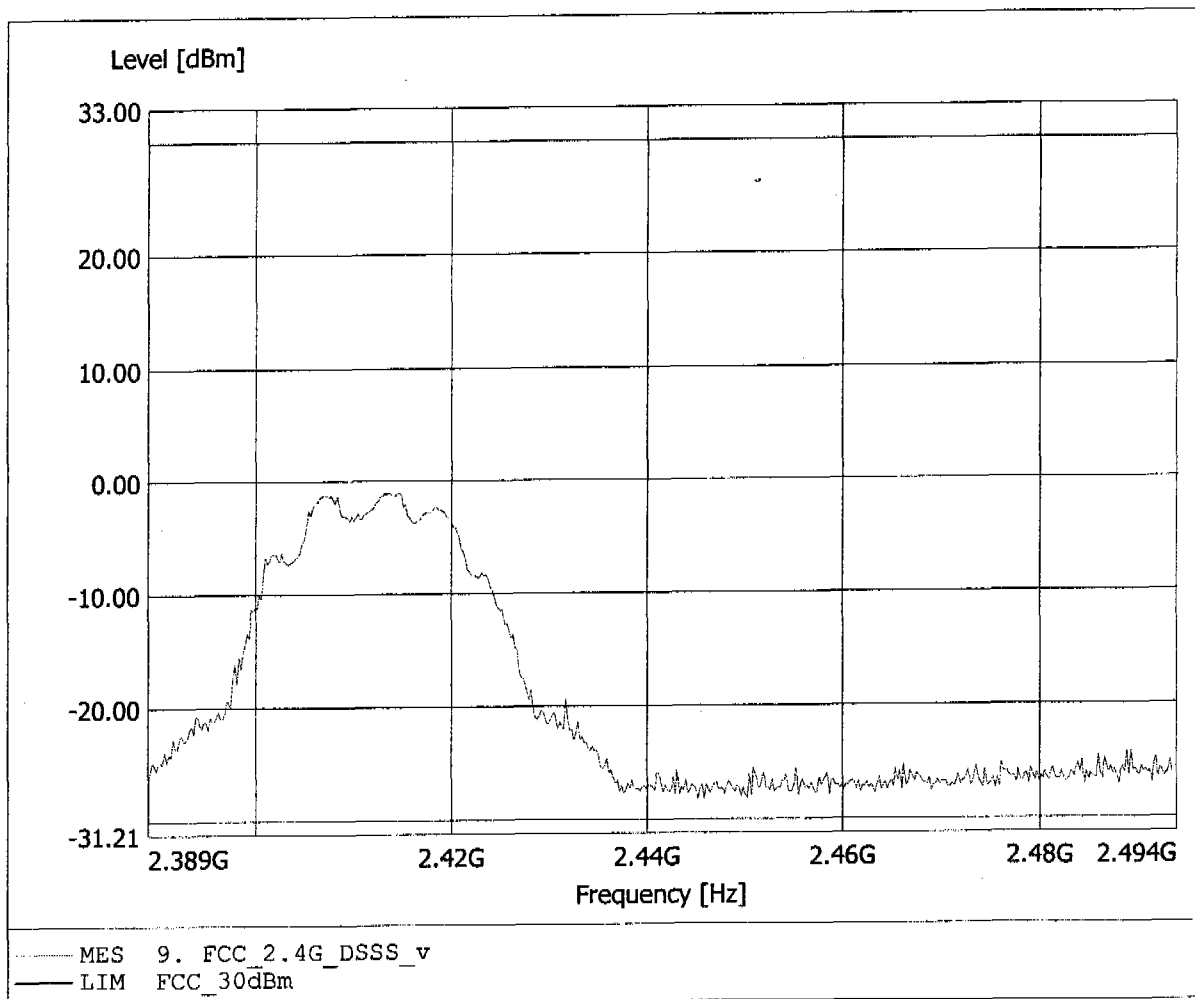
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.407GHz, Pmax: 12.00dBm, RBW: 10MHz



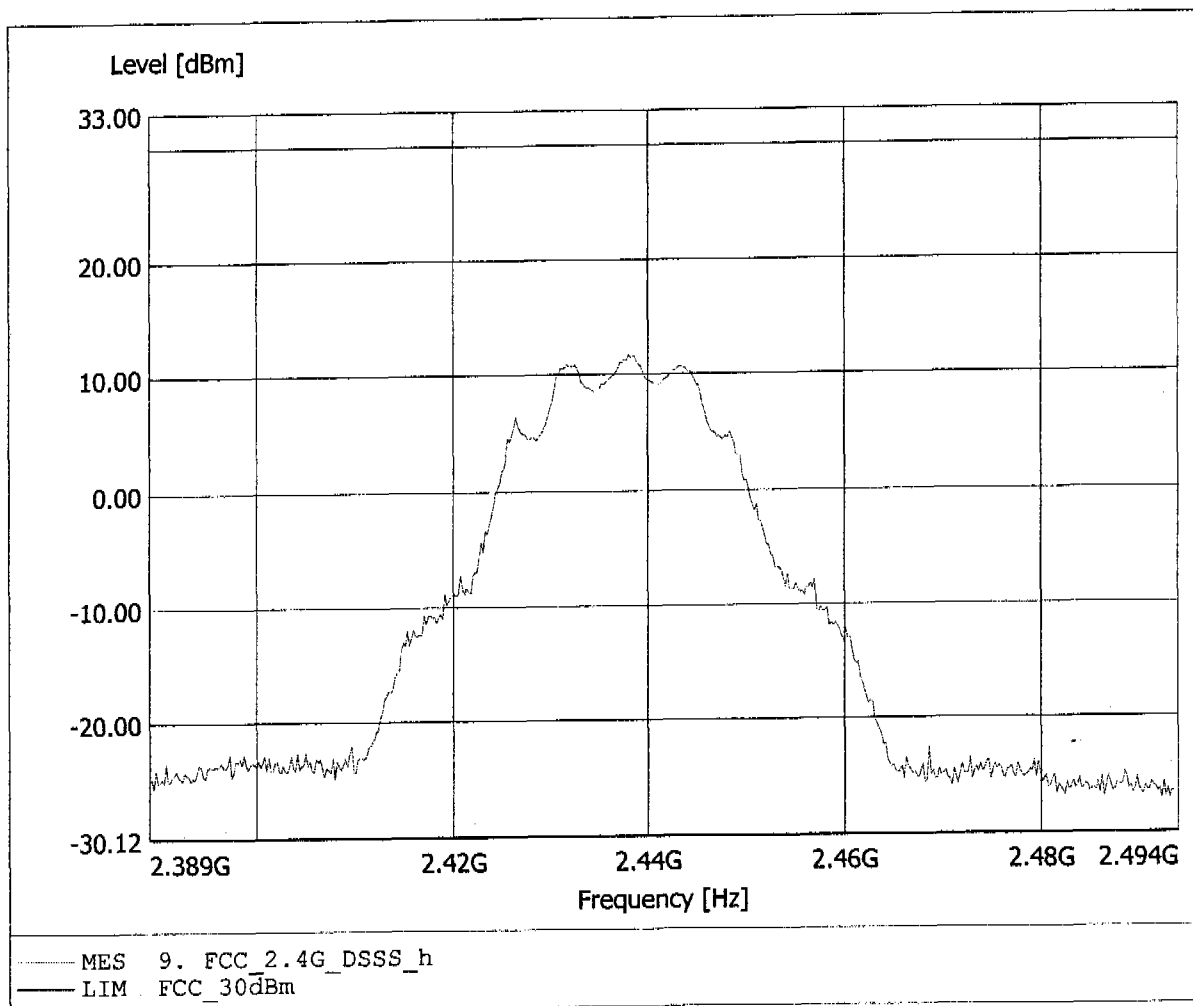
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.413GHz, Pmax: -1.06dBm, RBW: 10MHz



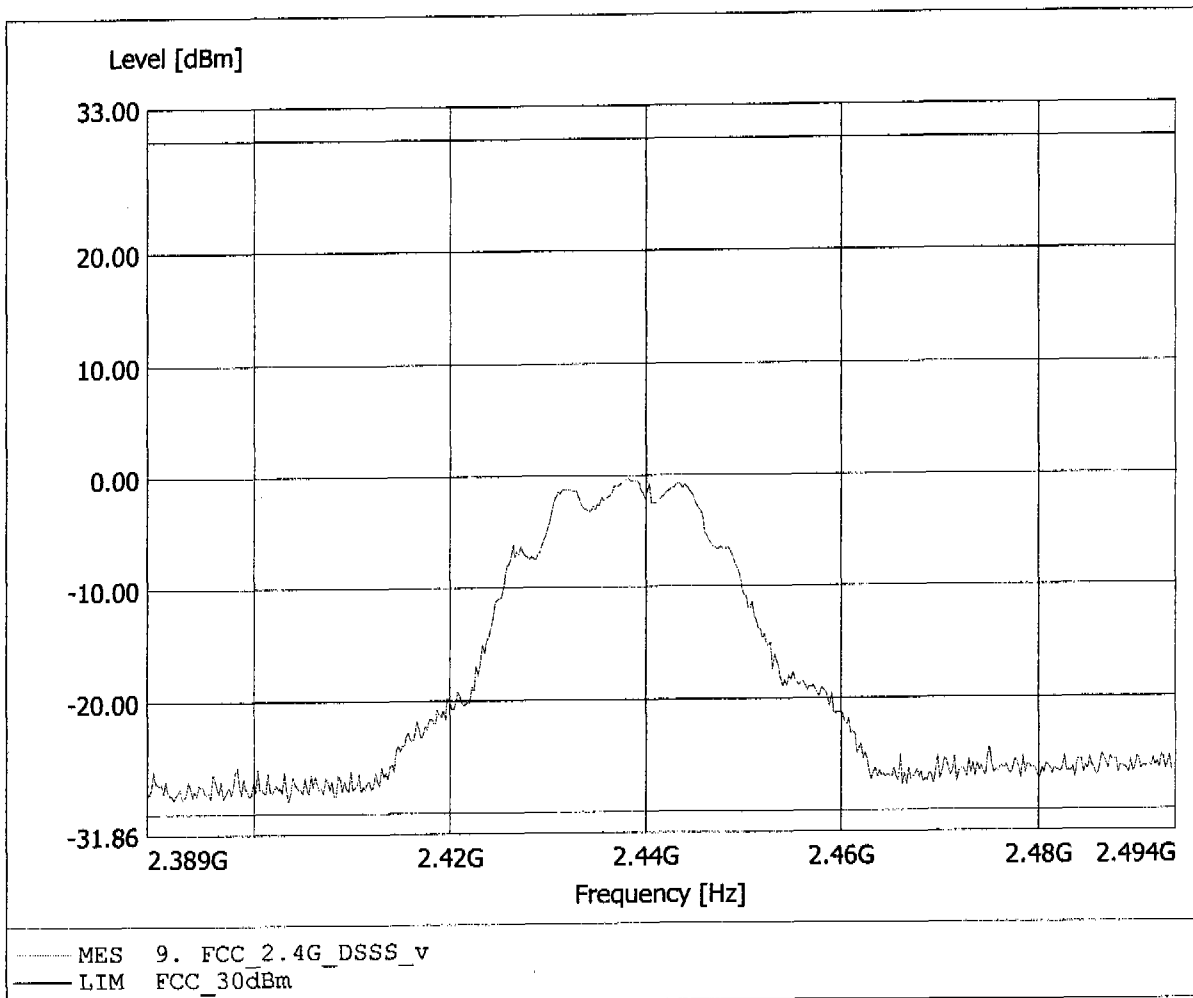
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.438GHz, Pmax: 11.70dBm, RBW: 10MHz



**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

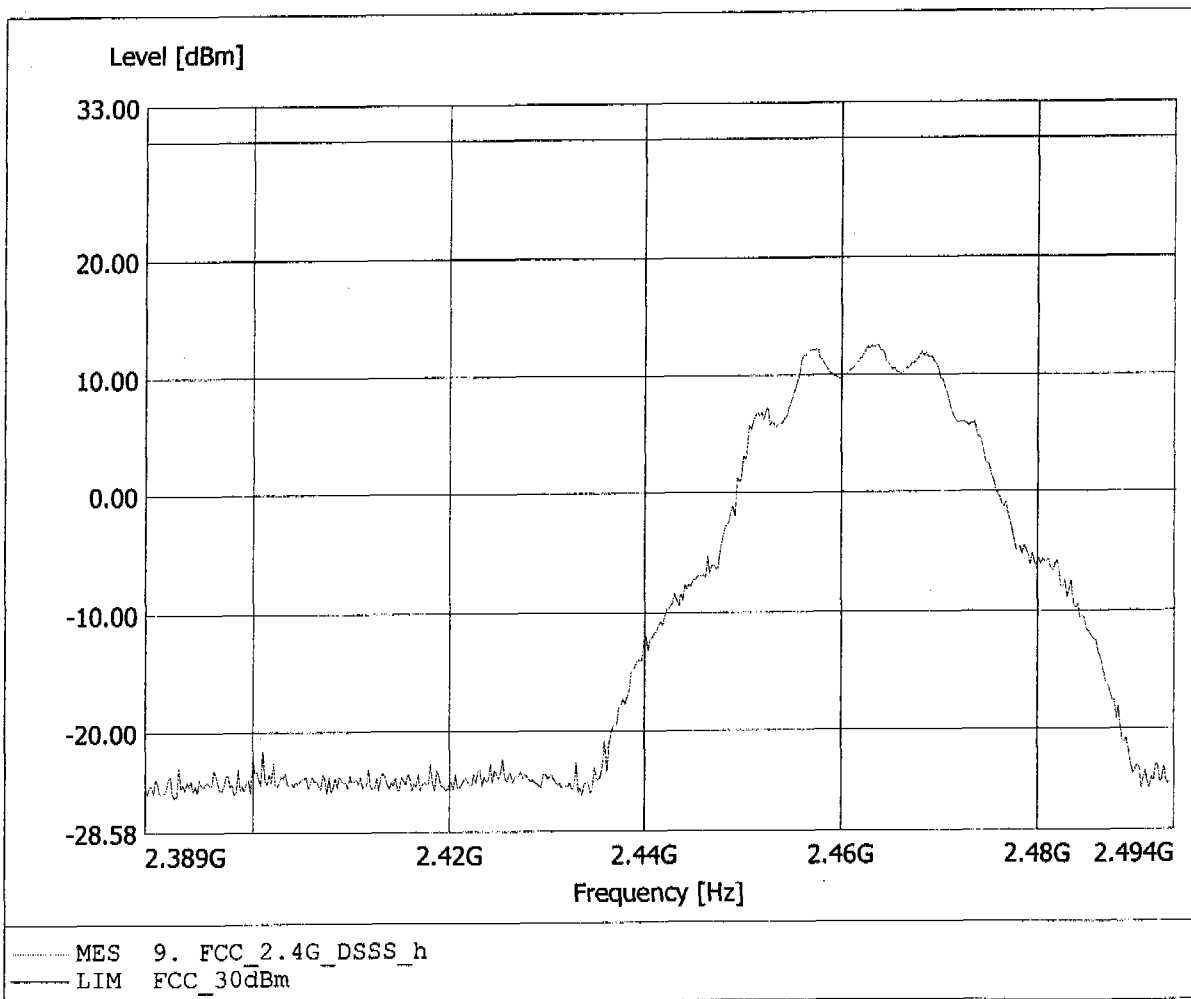
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.438GHz, Pmax: -0.30dBm, RBW: 10MHz





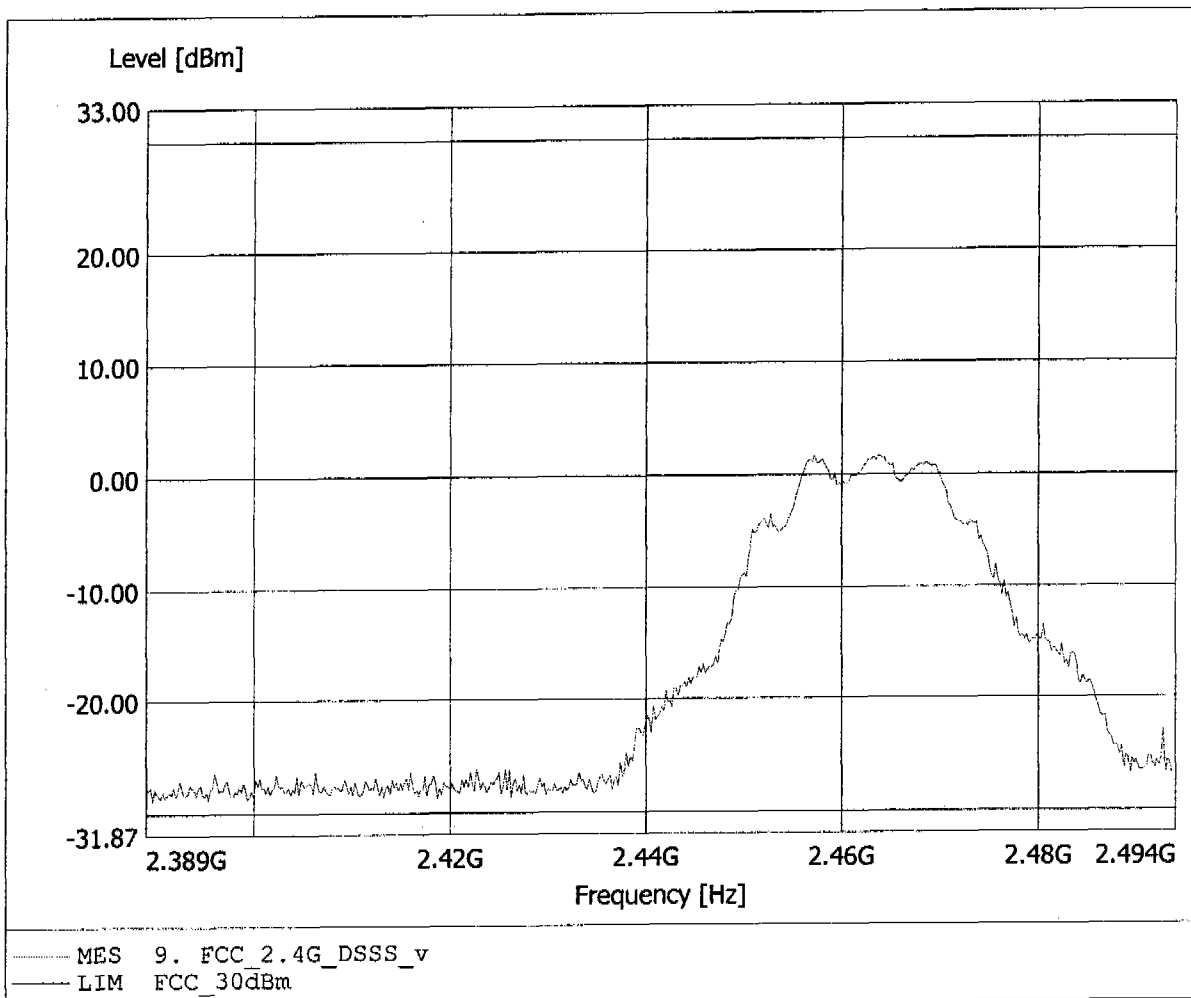
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.464GHz, Pmax: 12.58dBm, RBW: 10MHz



**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.457GHz, Pmax: 1.69dBm, RBW: 10MHz



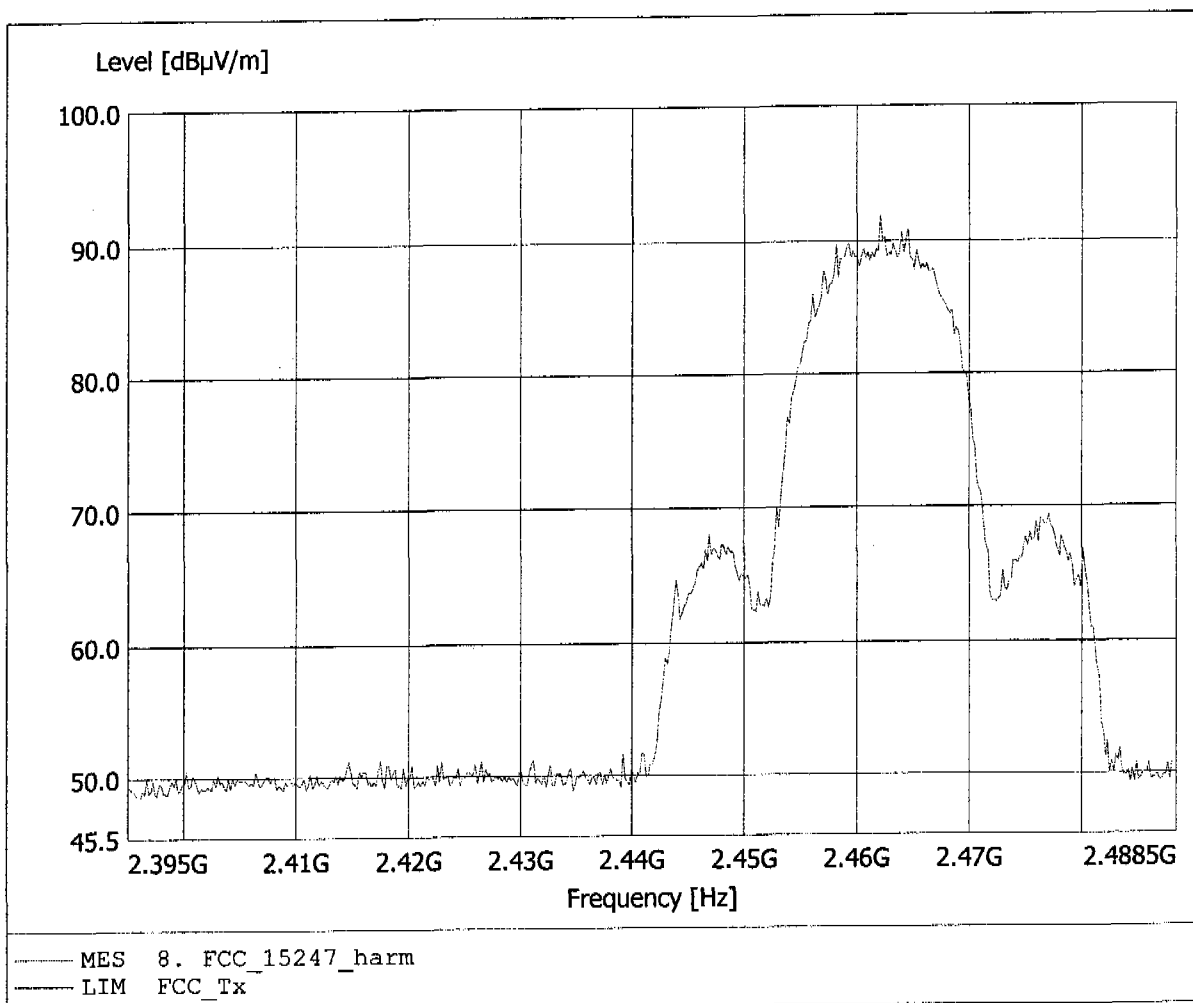


## Appendix C

Spurious Emissions radiated - Transmitter operating

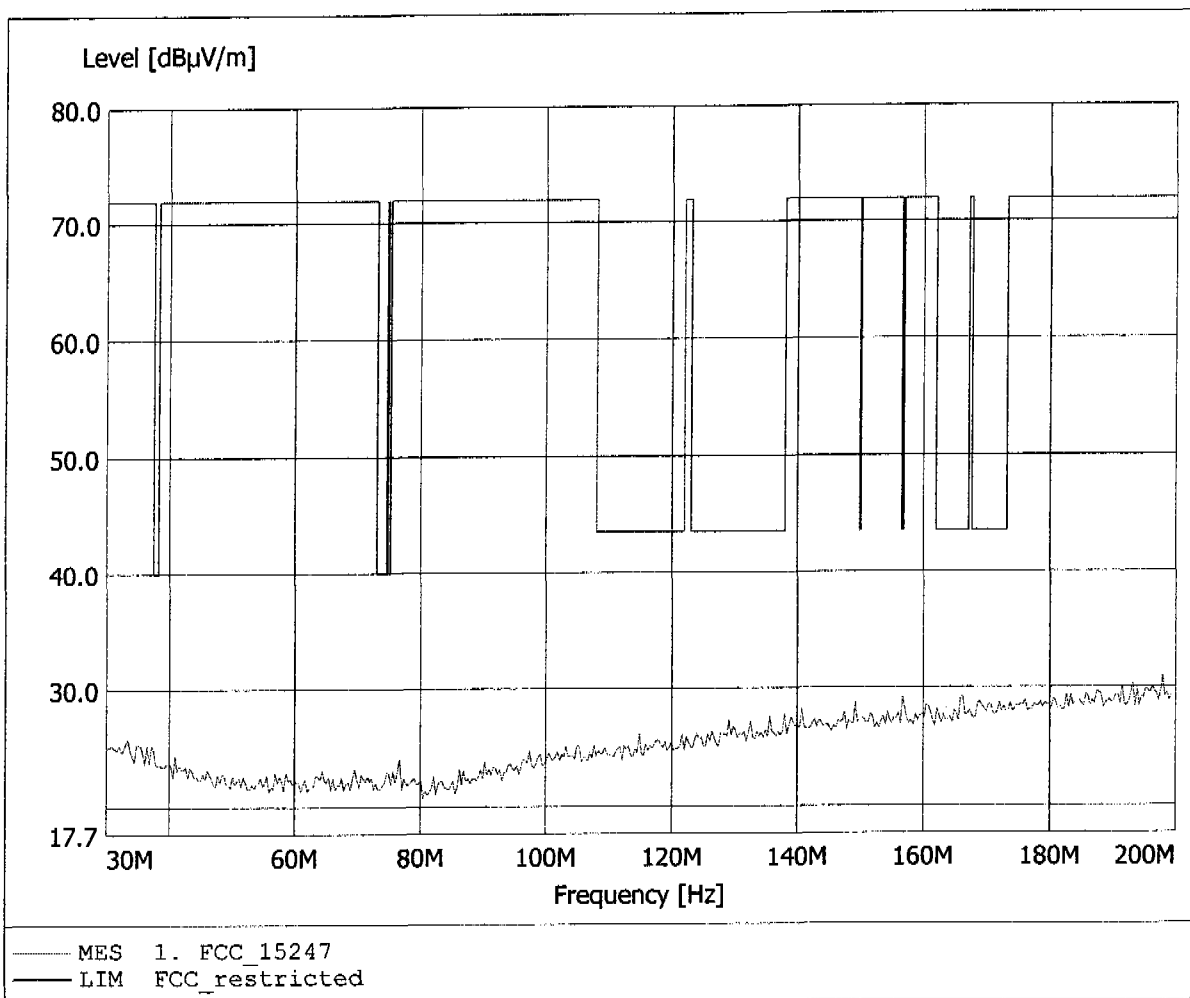
**Carrier power (Field Strength)**  
**FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.462GHz, Emax: 91.94dBµV/m, RBW: 100kHz



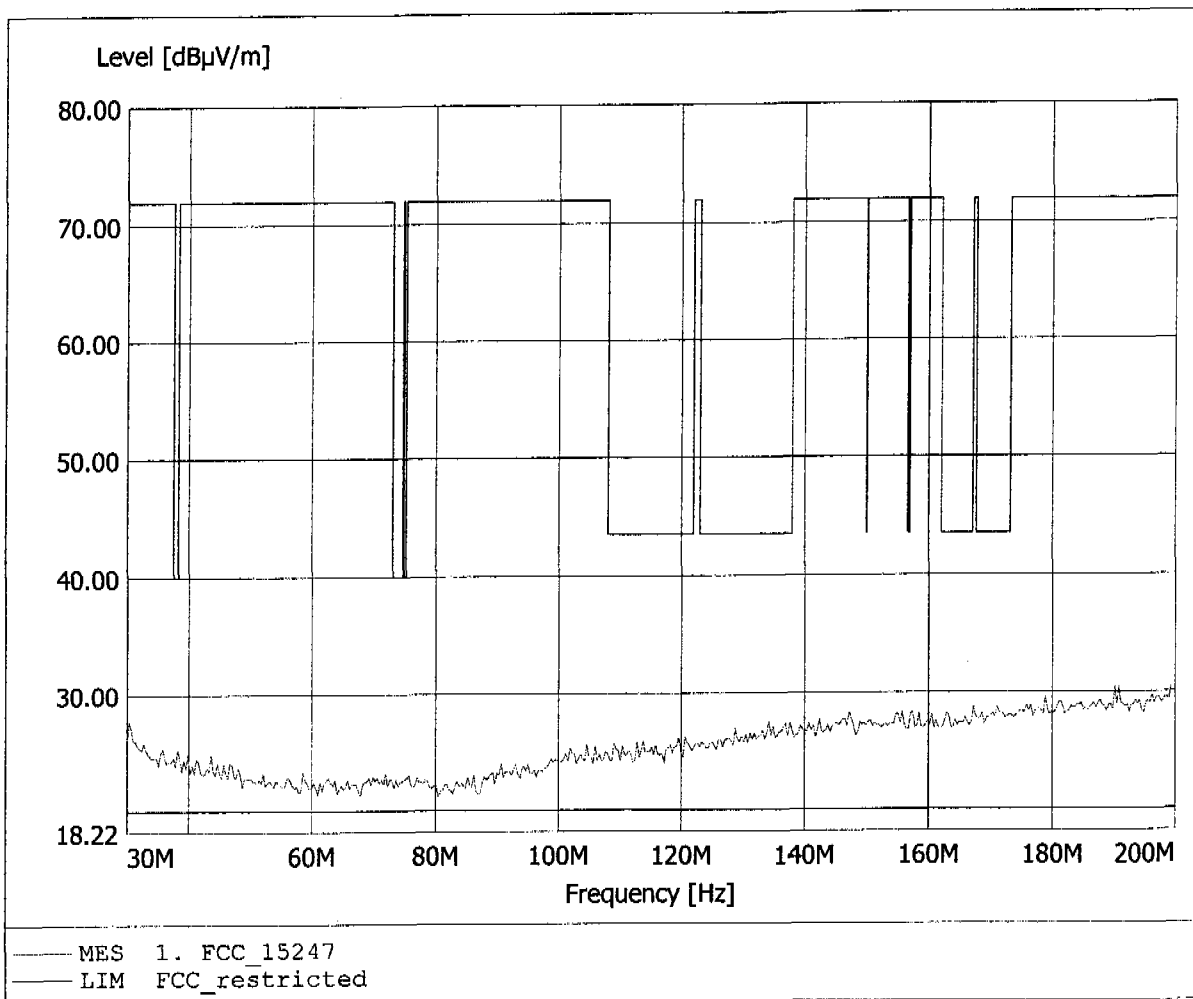
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 197.956MHz, Emax: 30.90dBµV/m, RBW: 100kHz



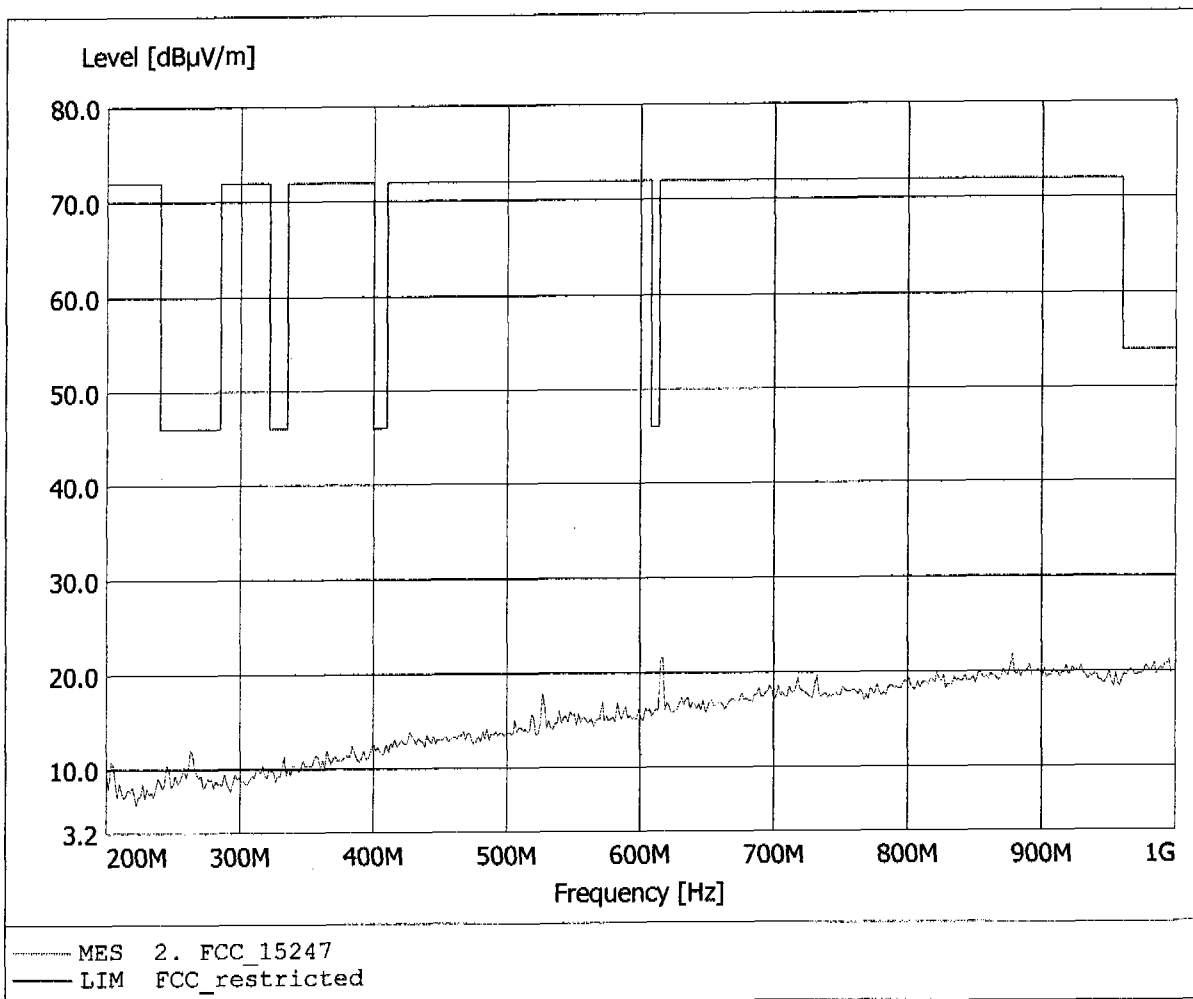
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 190.802MHz, Emax: 30.47dBµV/m, RBW: 100kHz



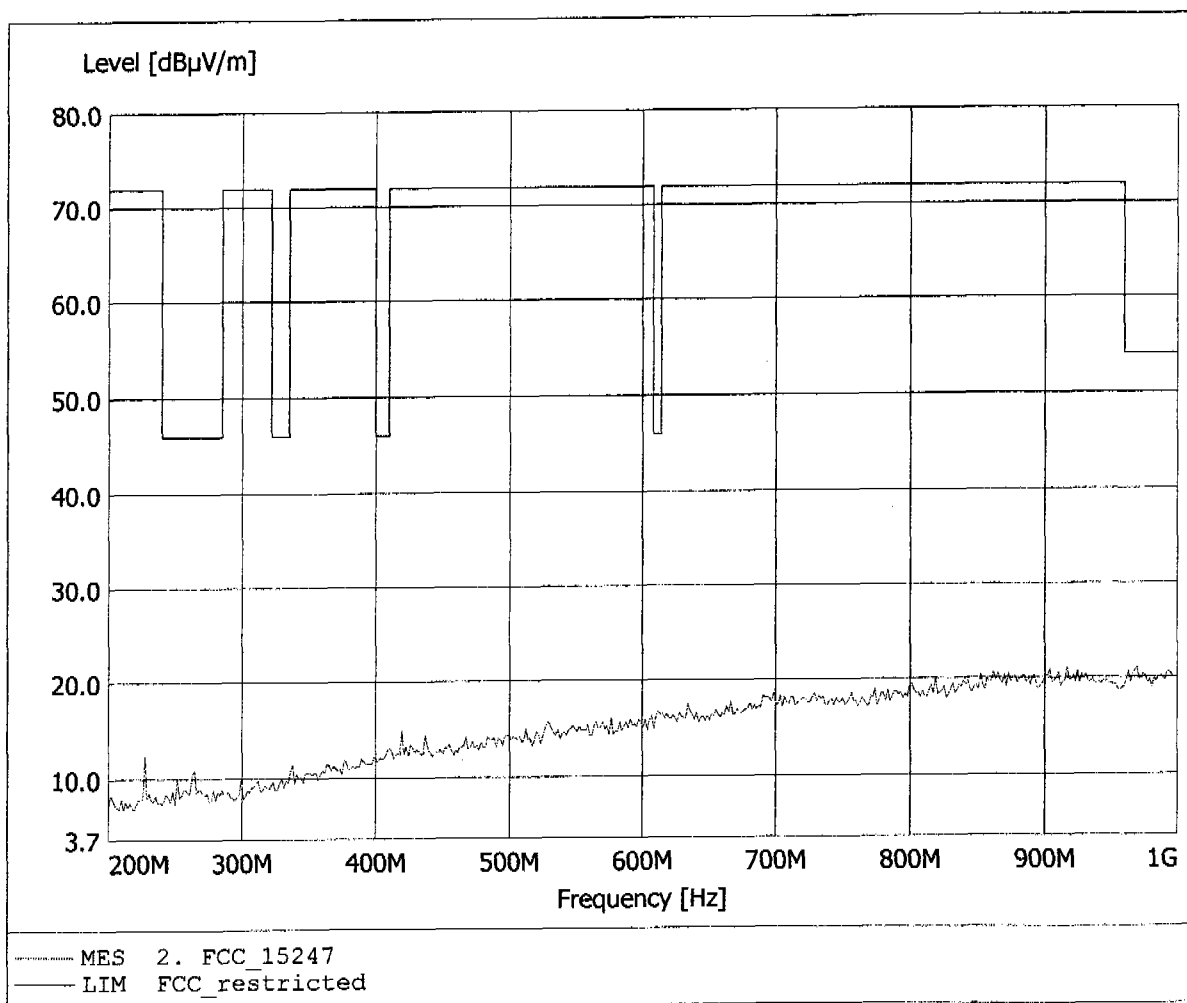
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m; Ant.: HL 223, amplif.  
Comment 2: Freq: 878.156MHz, Emax: 21.85dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

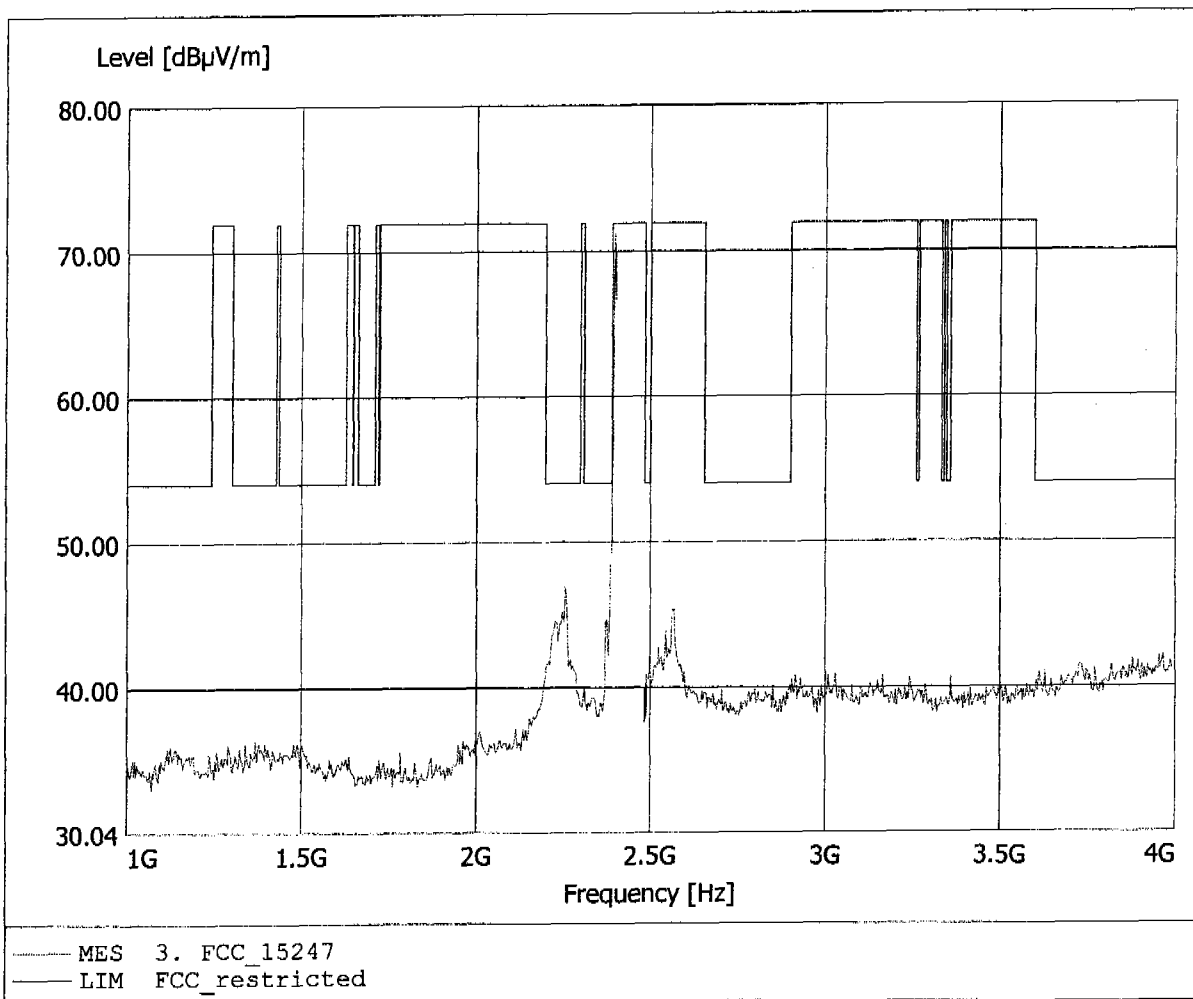
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 916.633MHz, Emax: 21.12dBuV/m, RBW: 100kHz





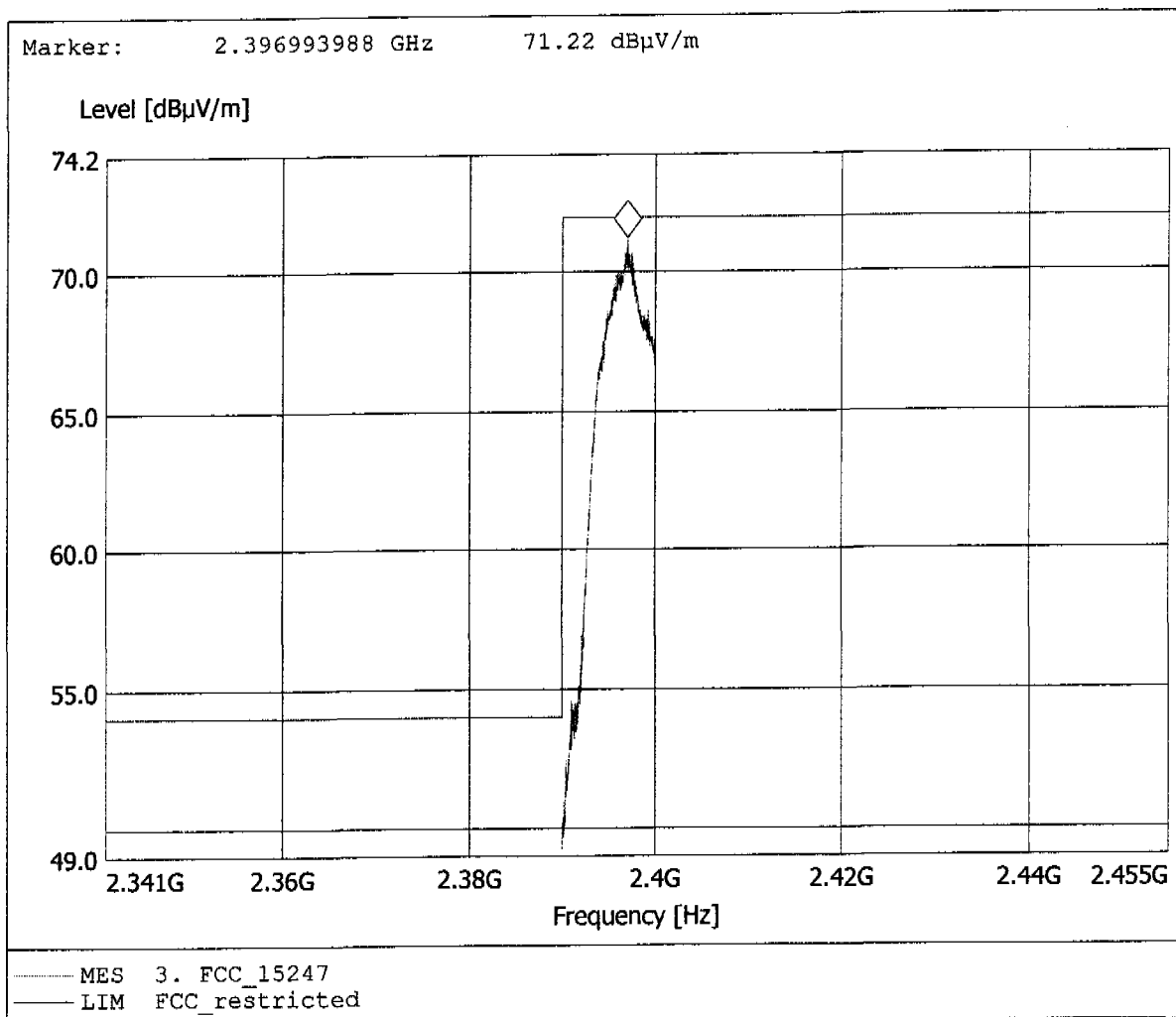
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.397GHz, Emax: 71.22dBµV/m, RBW: 1MHz



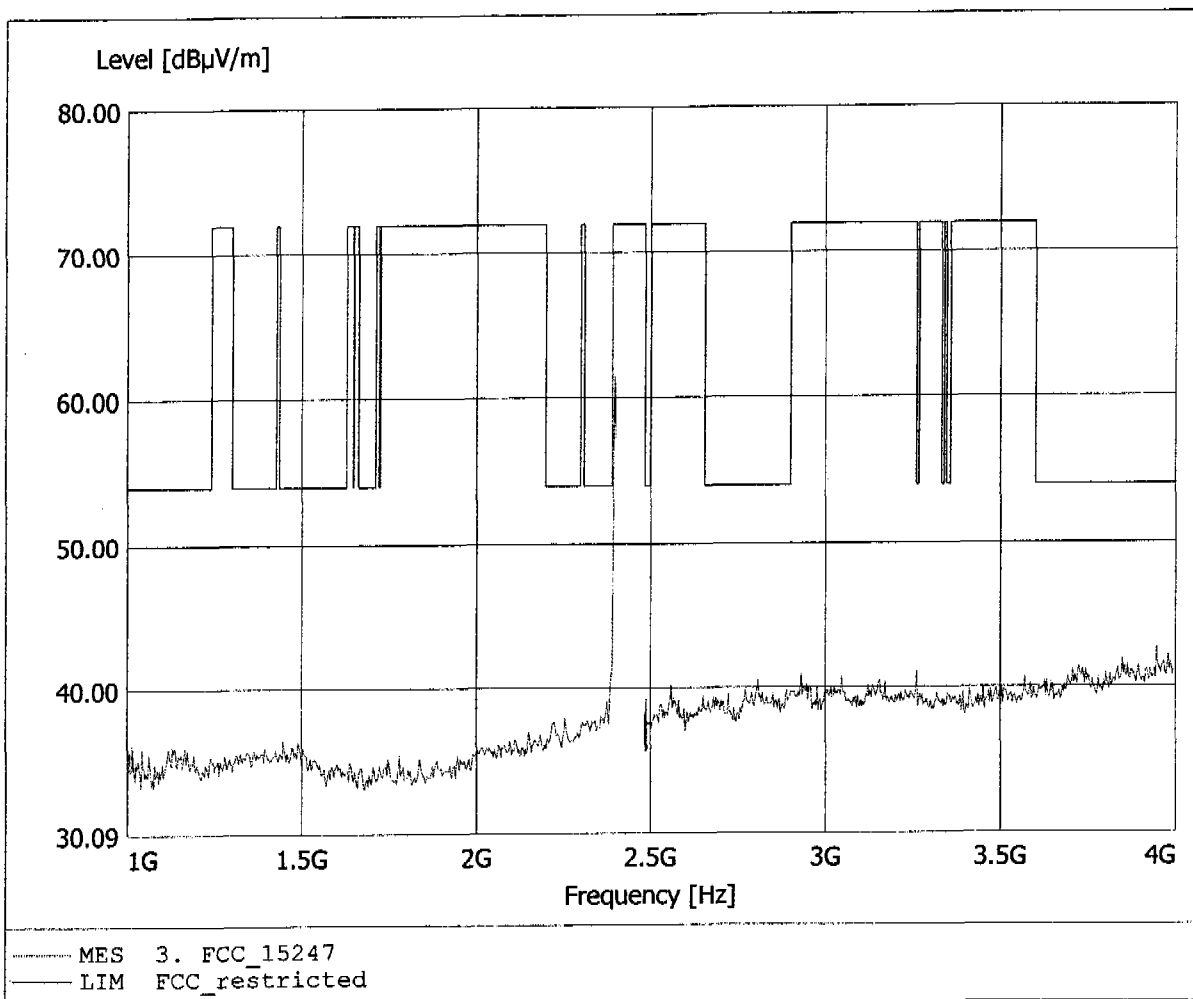
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.397GHz, Emax: 71.22dBµV/m, RBW: 1MHz



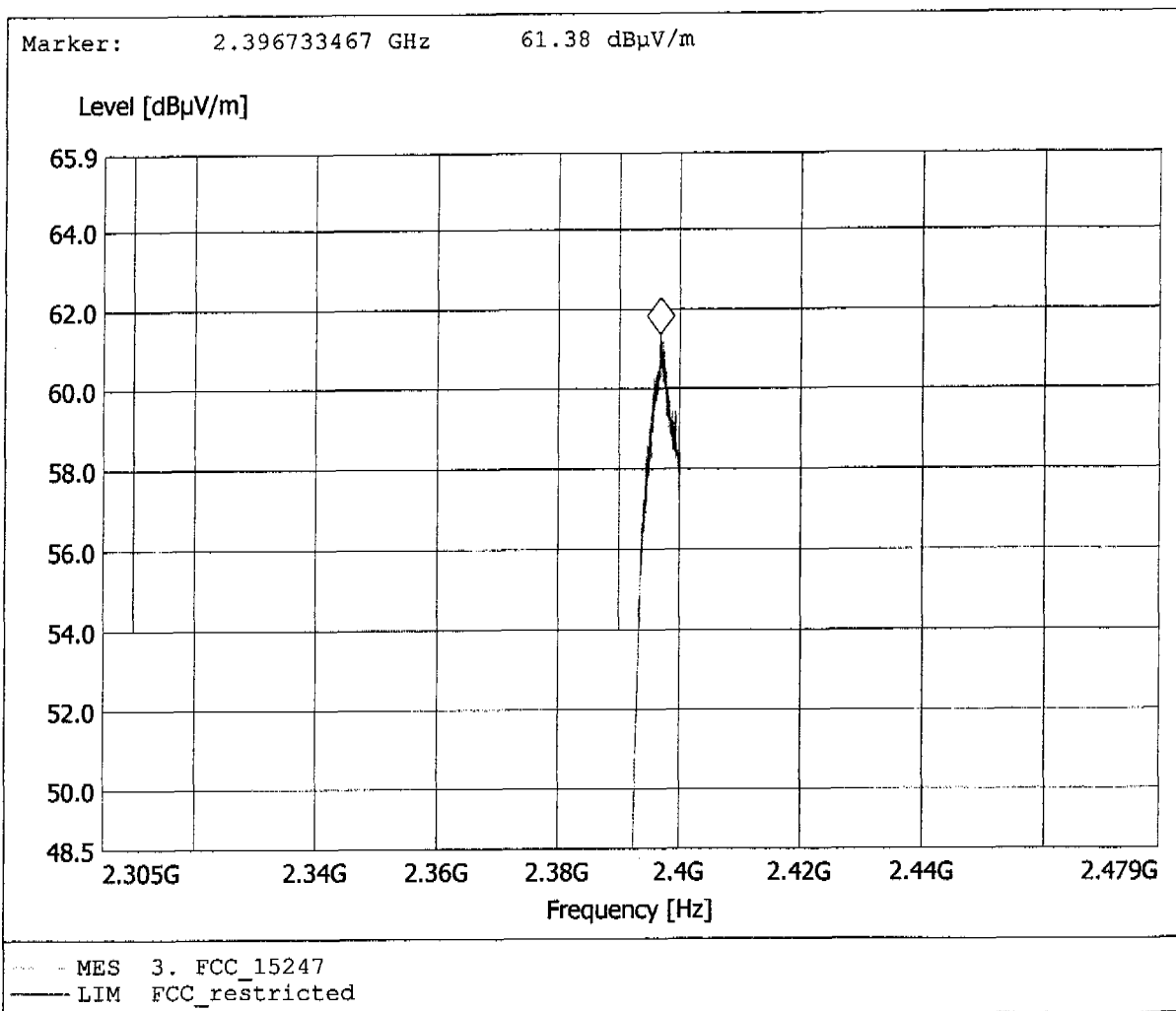
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.397GHz, Emax: 61.38dBµV/m, RBW: 1MHz



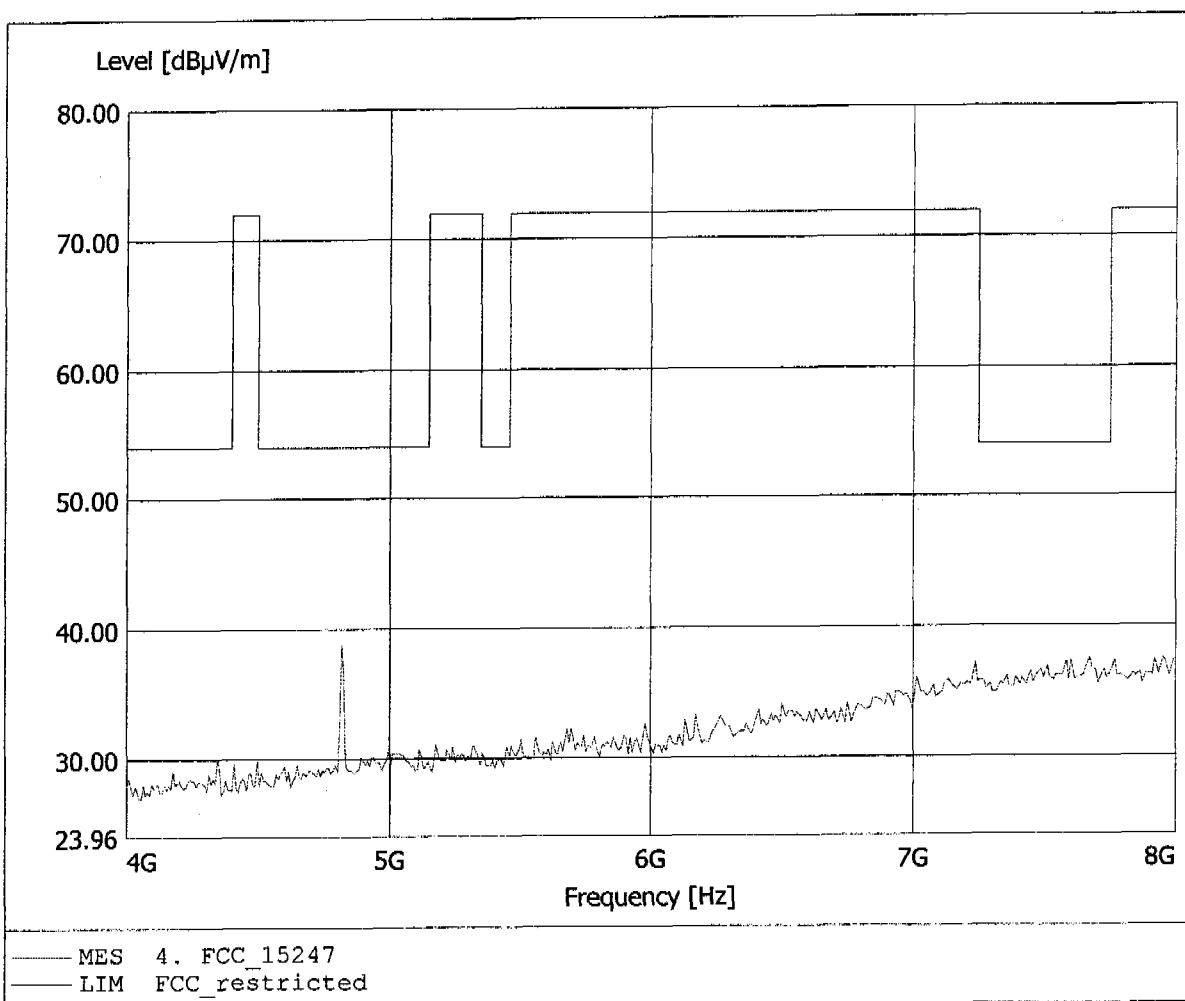
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.397GHz, Emax: 61.38dBµV/m, RBW: 1MHz



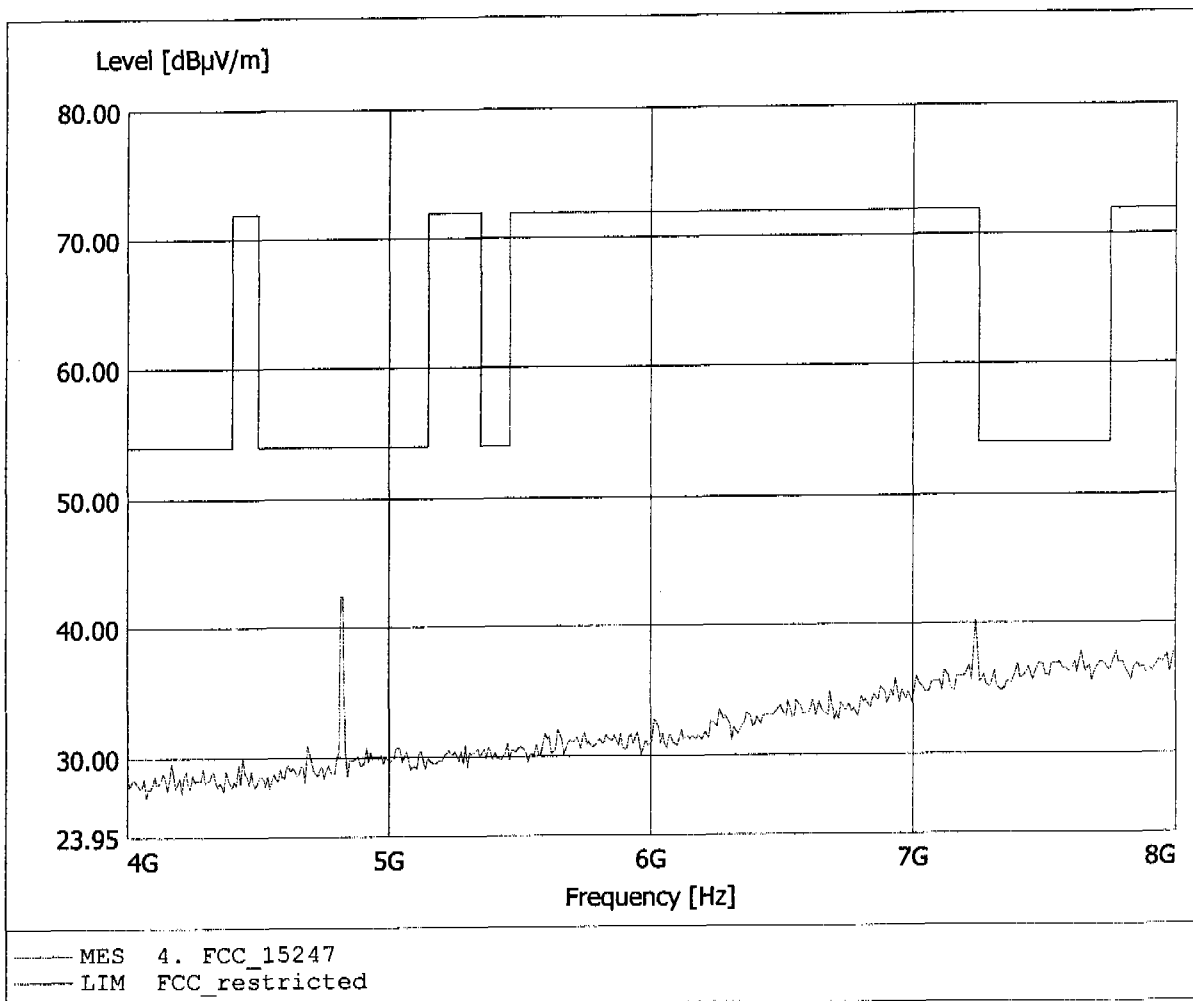
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.818GHz, Emax: 38.76dBuV/m, RBW: 1MHz



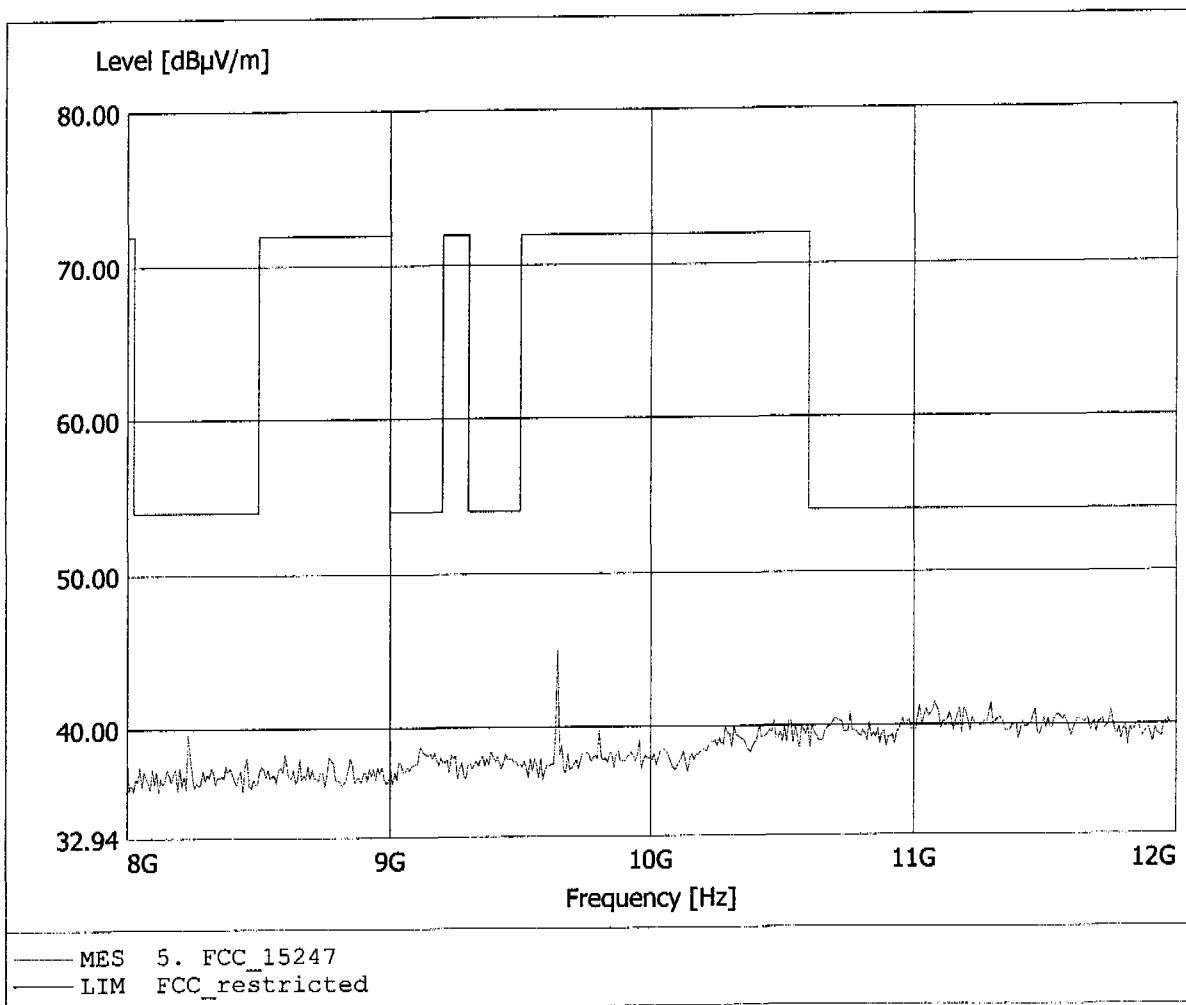
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.818GHz, Emax: 42.42dBuV/m, RBW: 1MHz



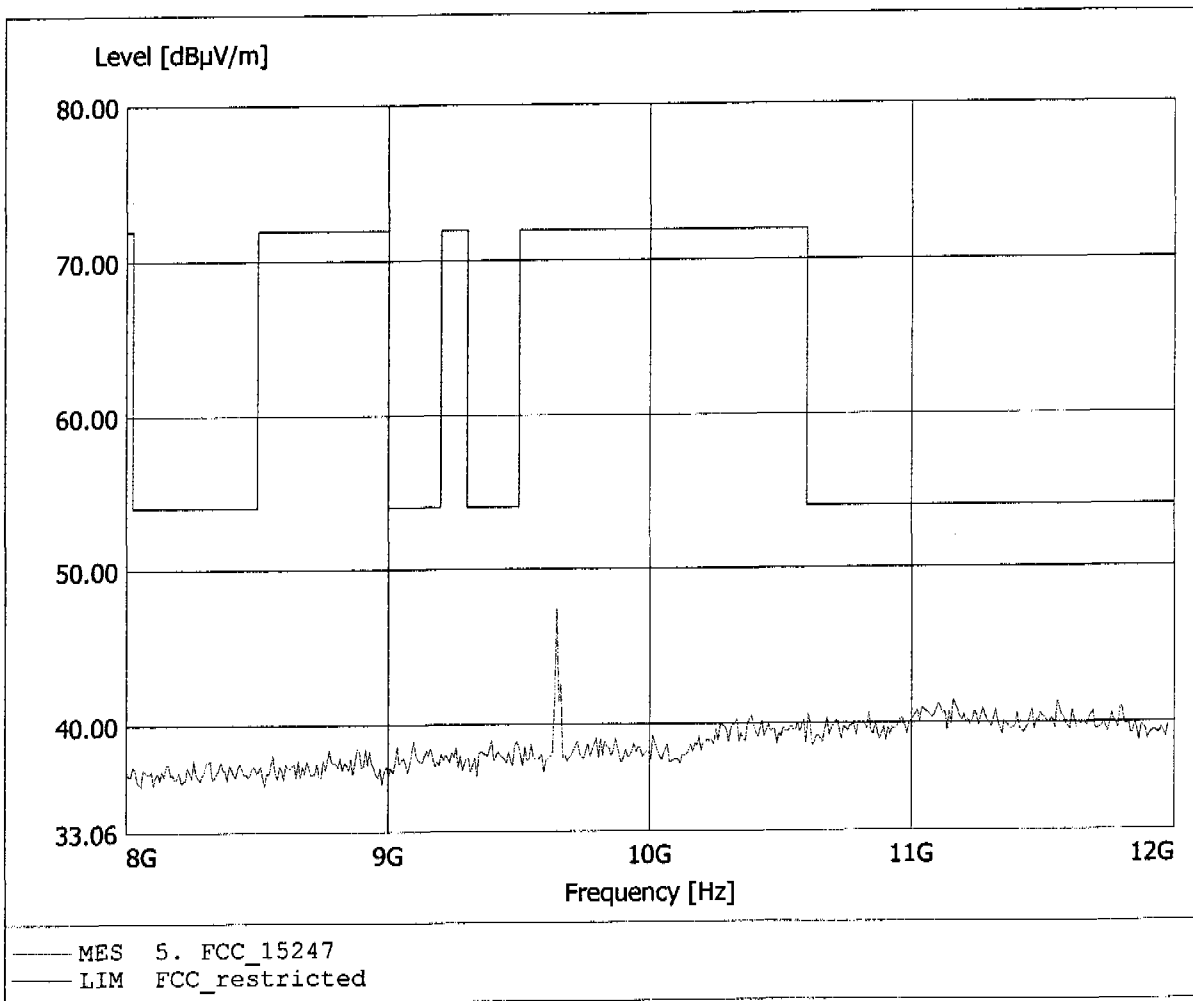
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBNA9120D, ampl.+HP.  
Comment 2: Freq: 9.643GHz, Emax: 45.03dBuV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

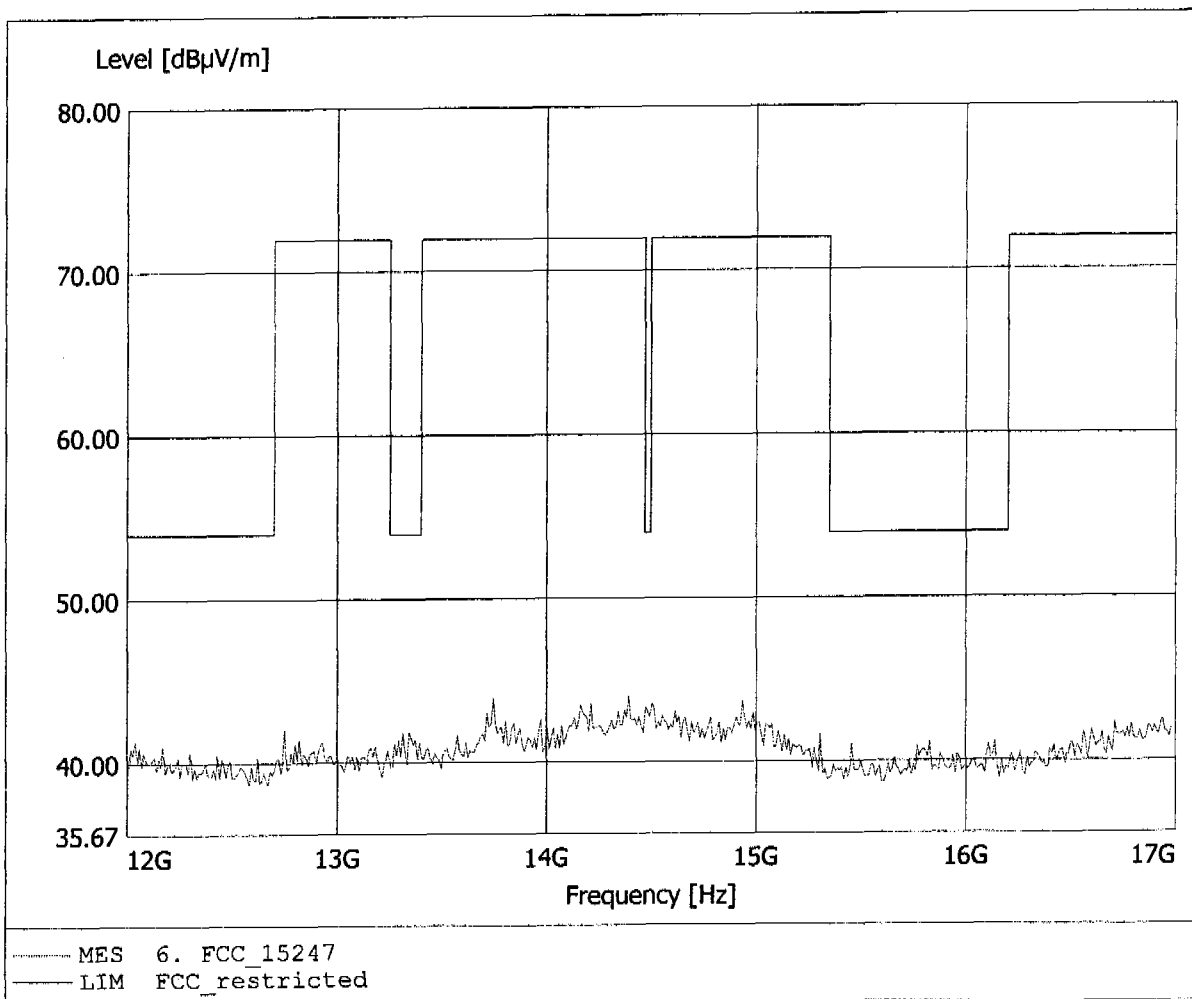
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.643GHz, Emax: 47.55dBµV/m, RBW: 1MHz





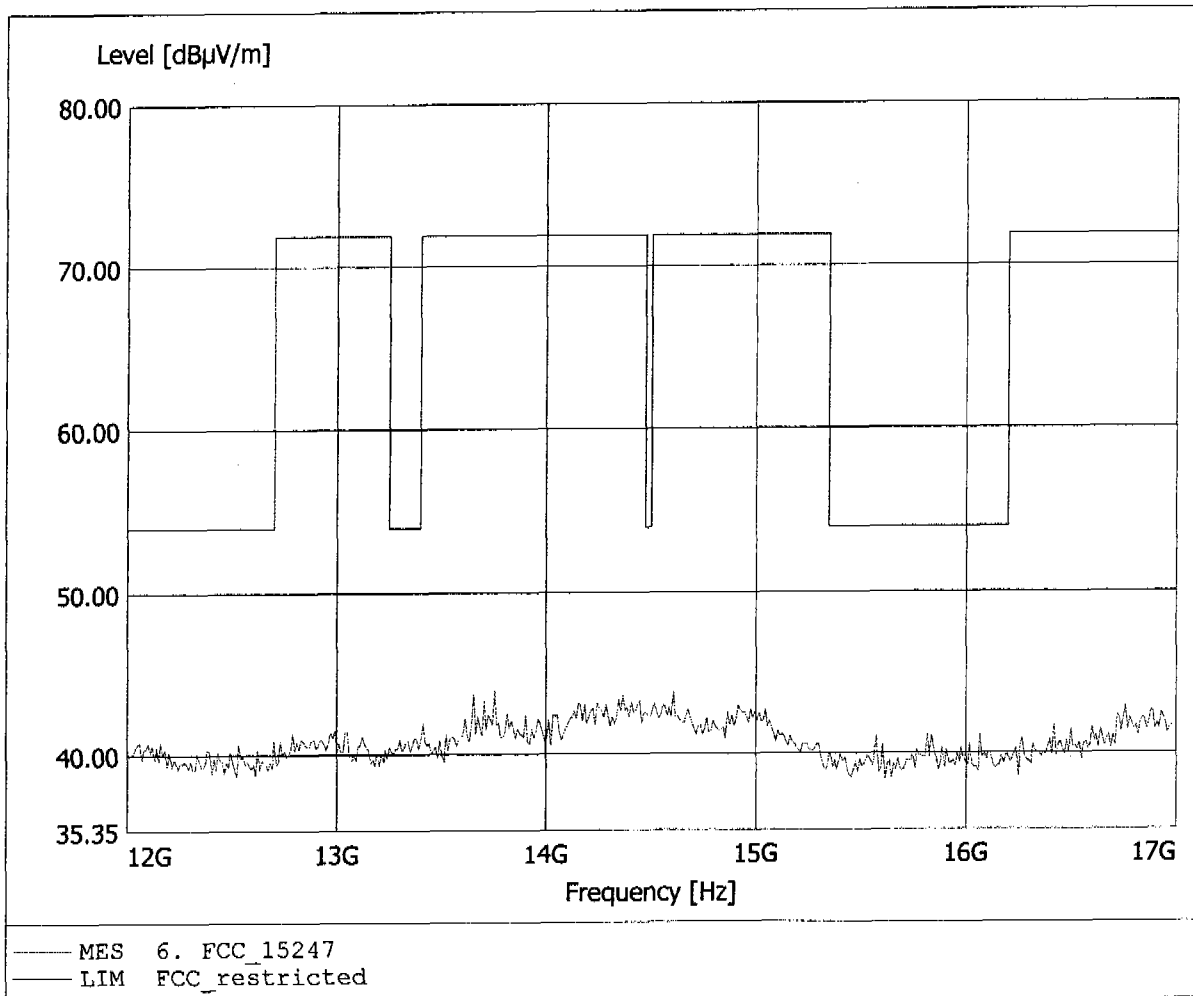
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.395GHz, Emax: 44.04dBµV/m, RBW: 1MHz



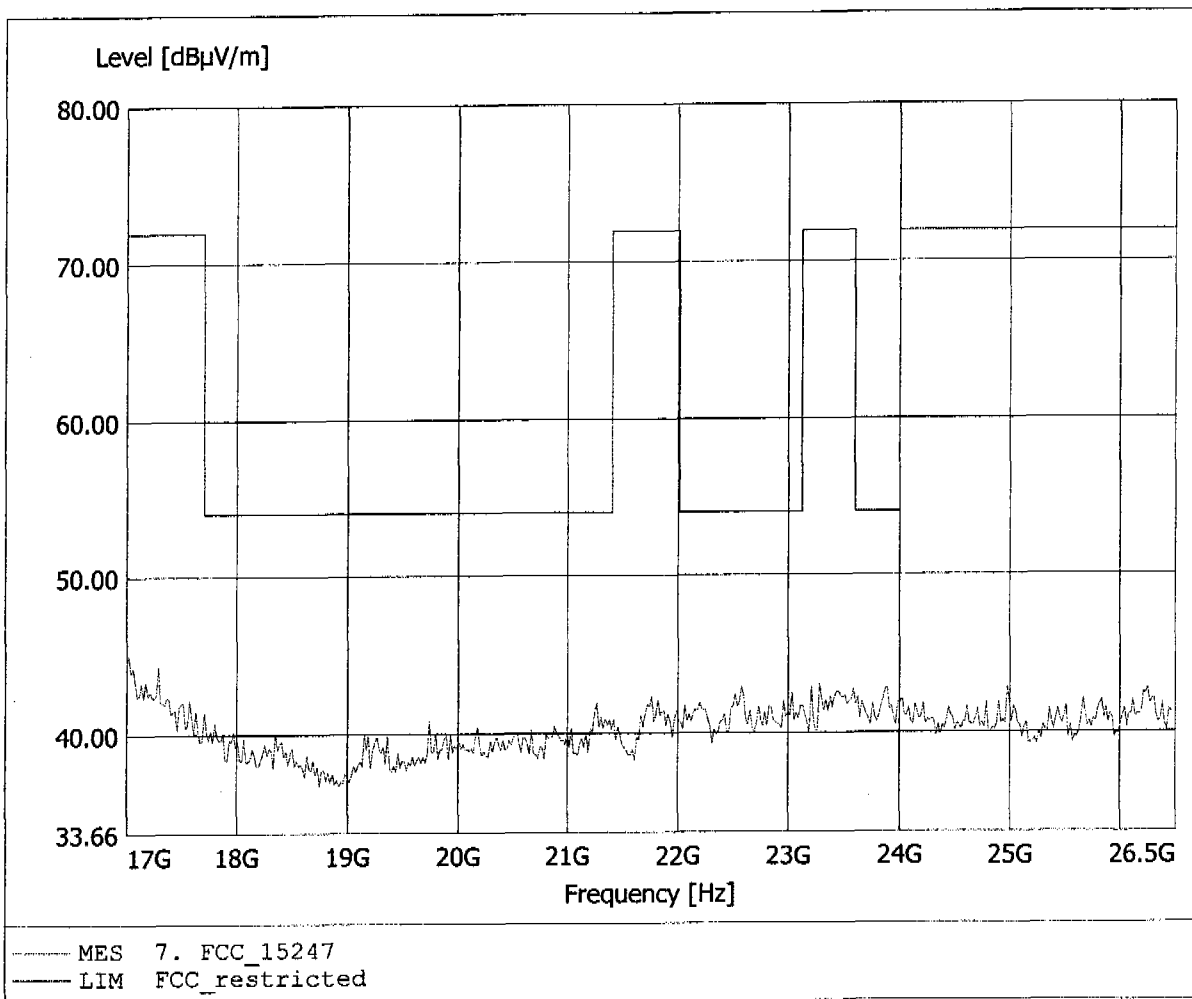
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 13.754GHz, Emax: 43.94dBuV/m, RBW: 1MHz



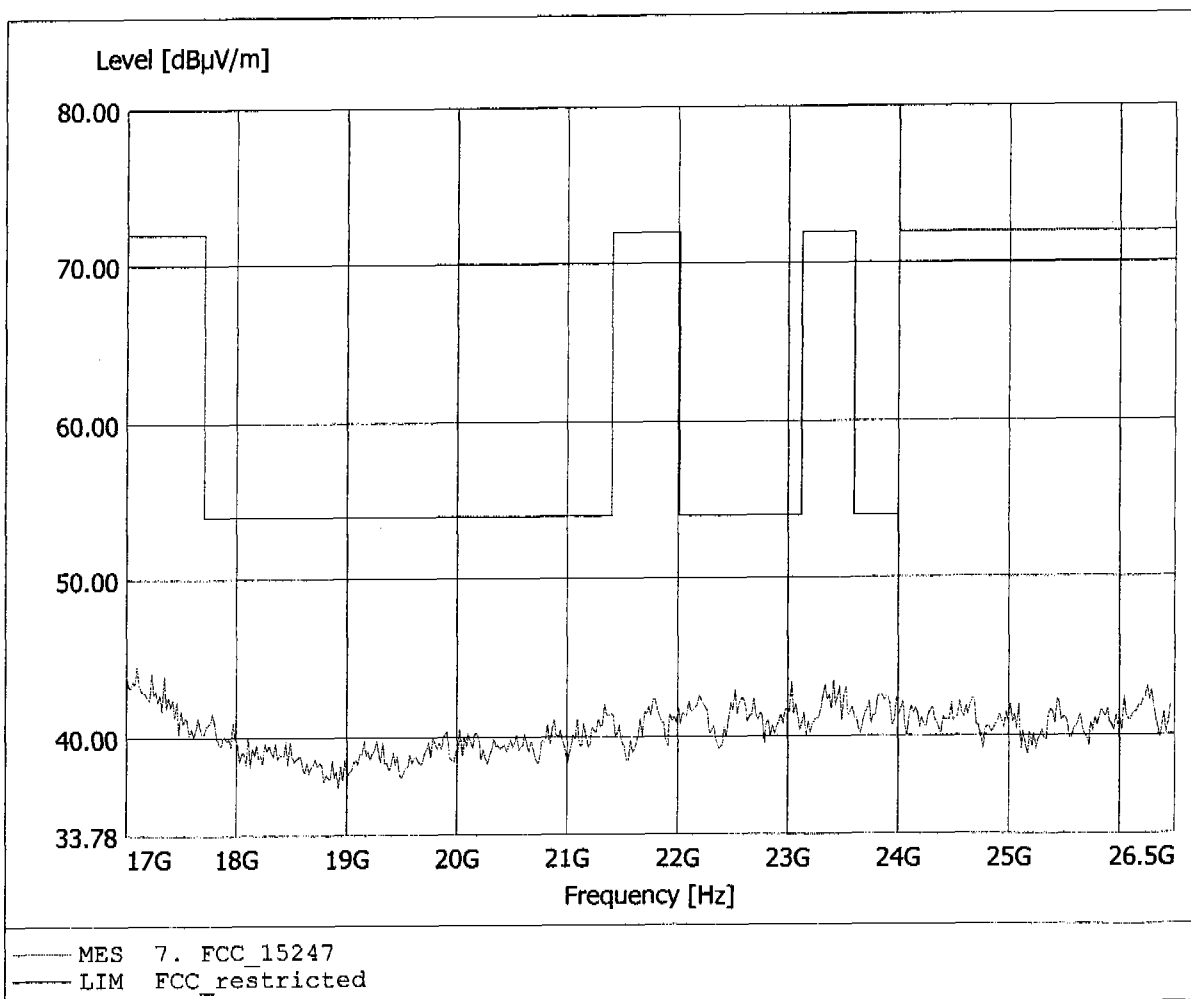
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.019GHz, Emax: 45.01dBuV/m, RBW: 1MHz



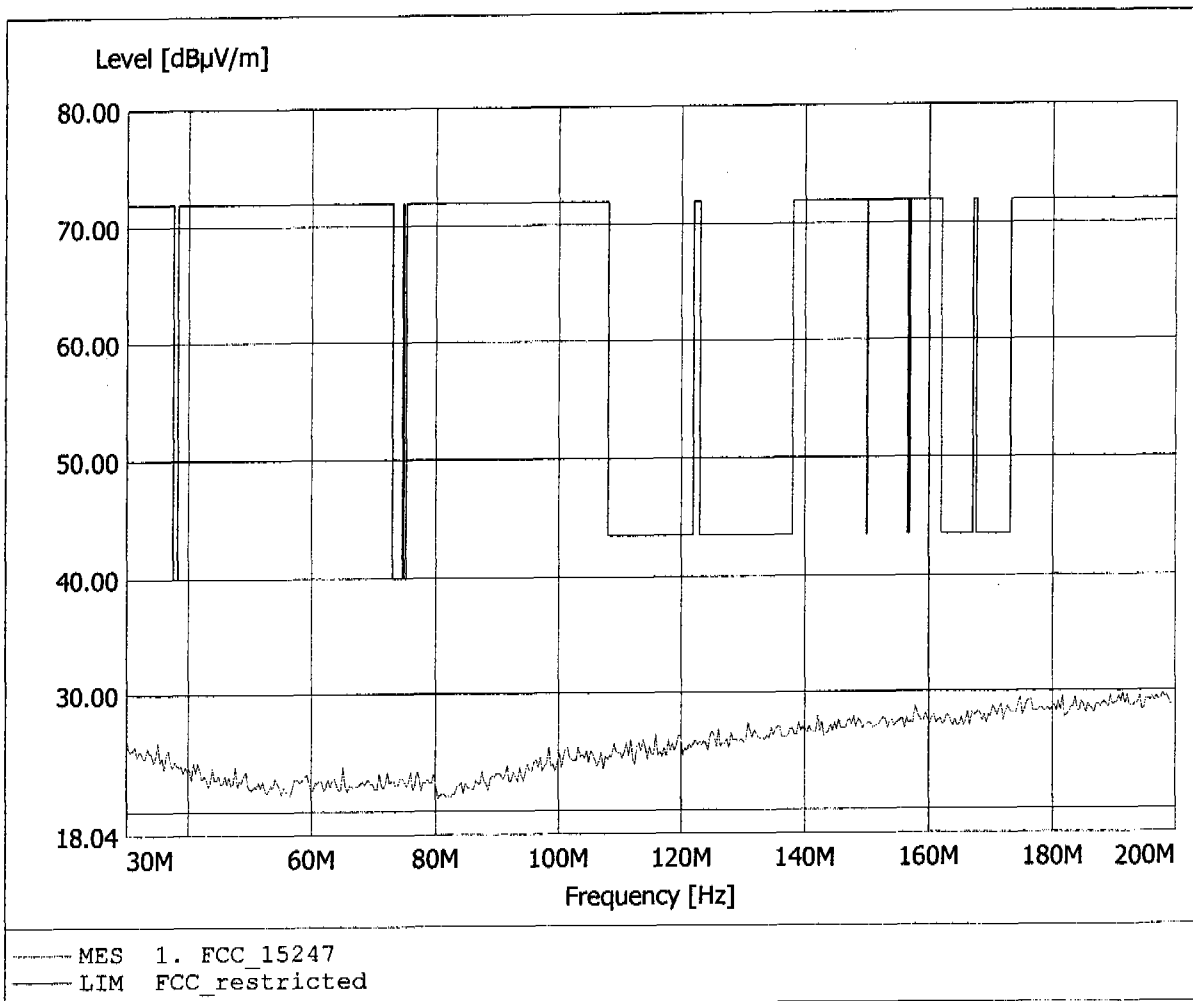
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:1  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.095GHz, Emax: 44.50dBµV/m, RBW: 1MHz



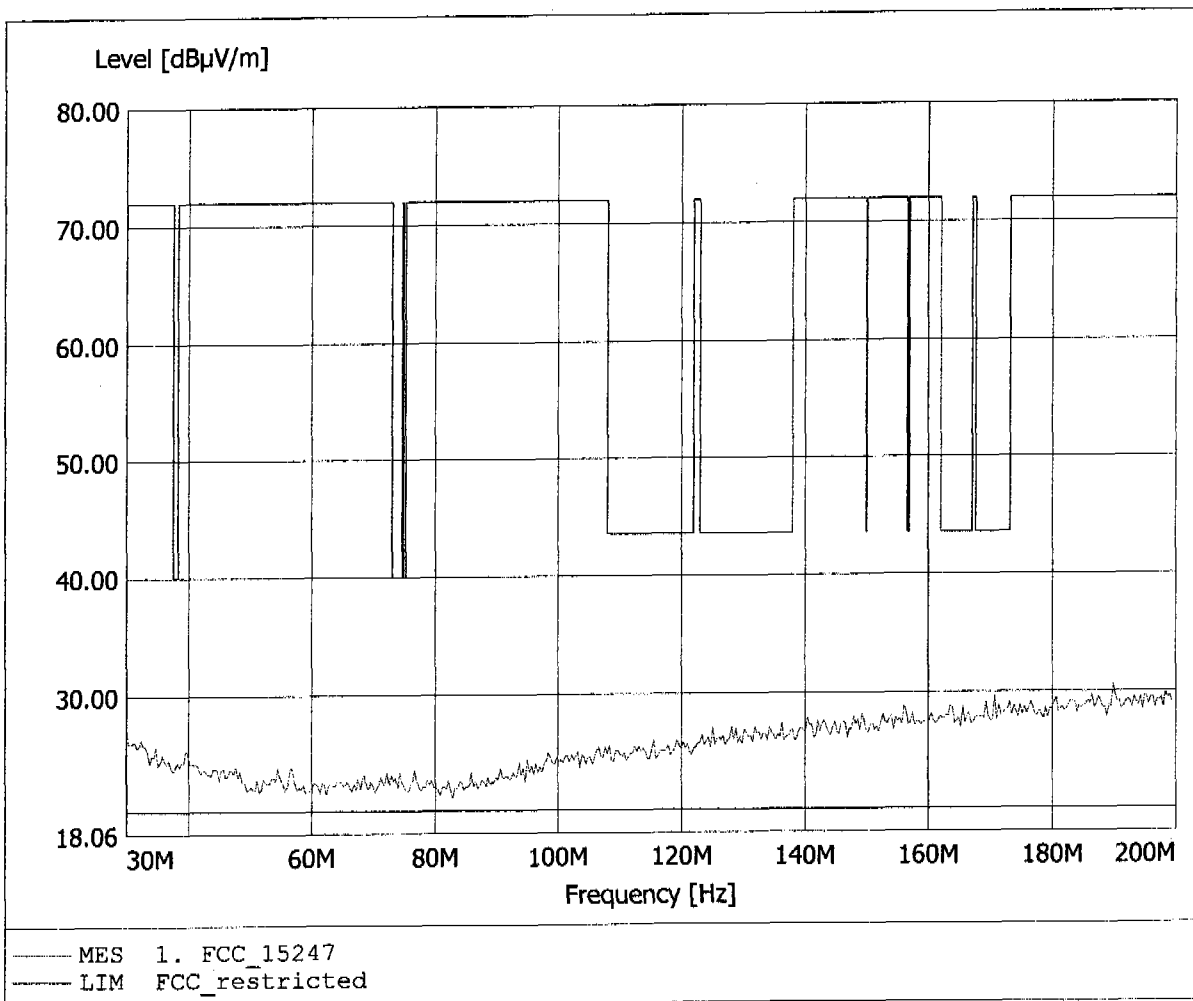
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 197.956MHz, Emax: 29.73dBµV/m, RBW: 100kHz



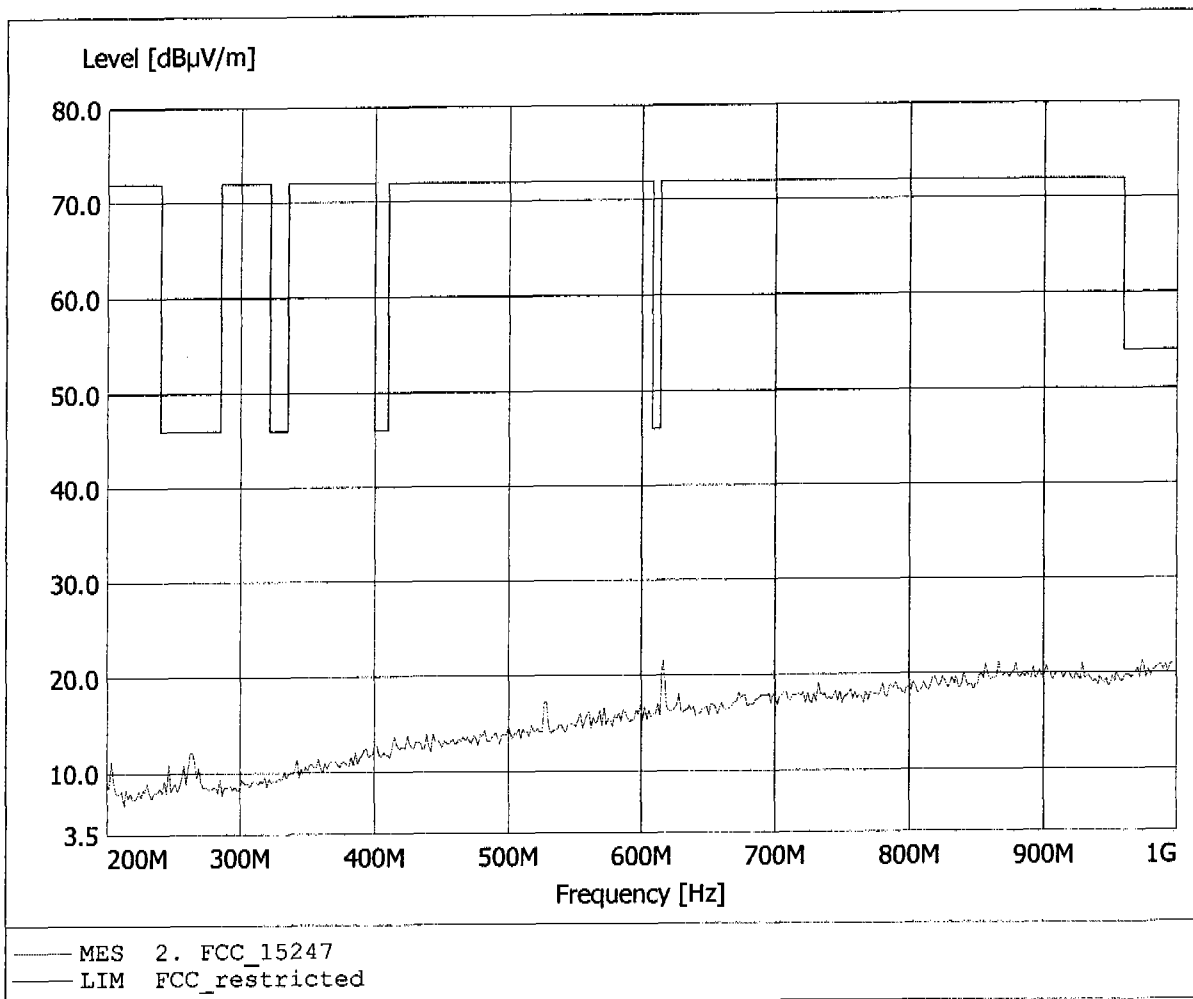
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 189.780MHz, Emax: 30.64dB $\mu$ V/m, RBW: 100kHz



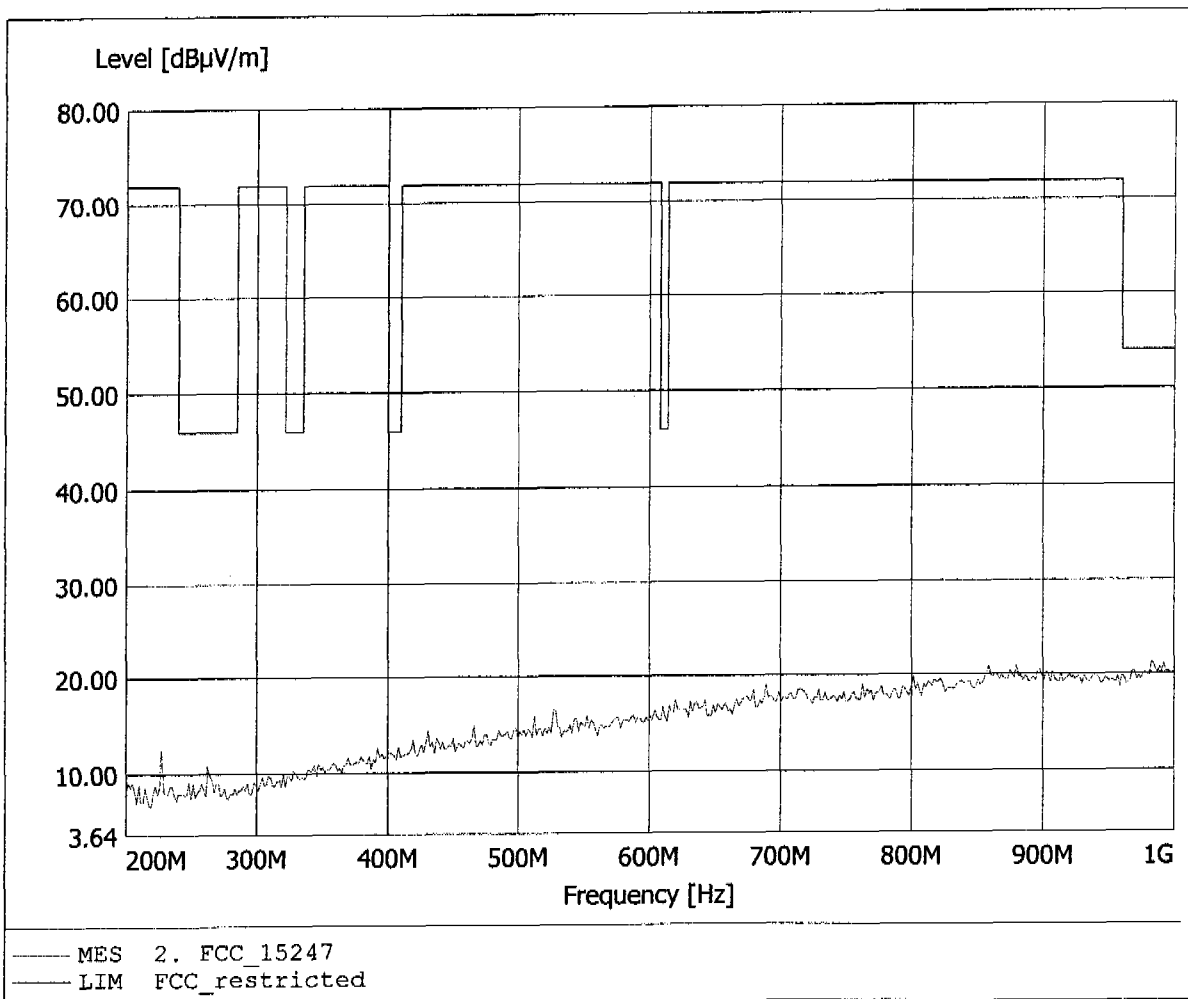
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 616.834MHz, Emax: 21.52dBuV/m, RBW: 100kHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

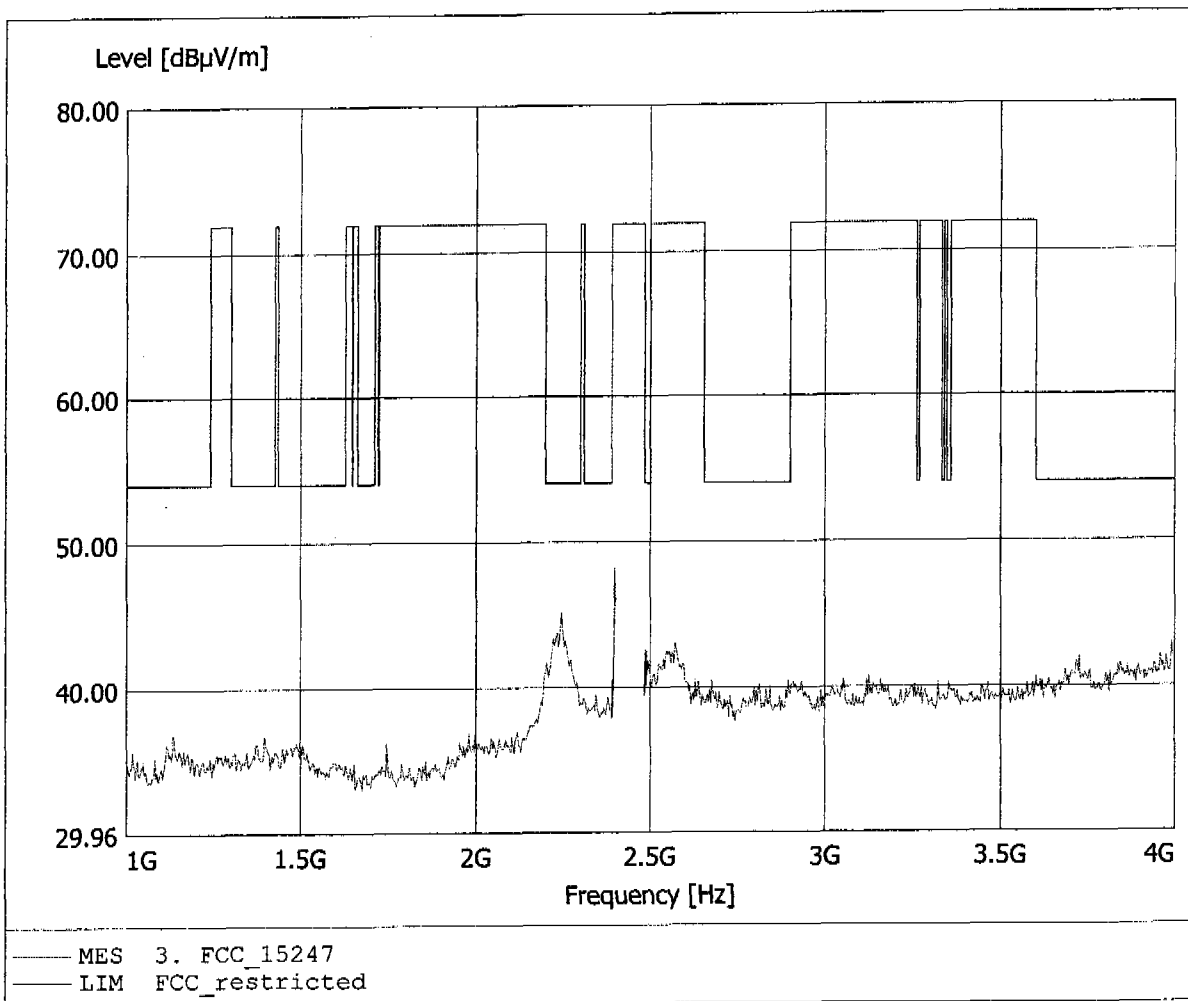
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223; amplif.  
Comment 2: Freq: 982.365MHz, Emax: 21.15dBµV/m, RBW: 100kHz





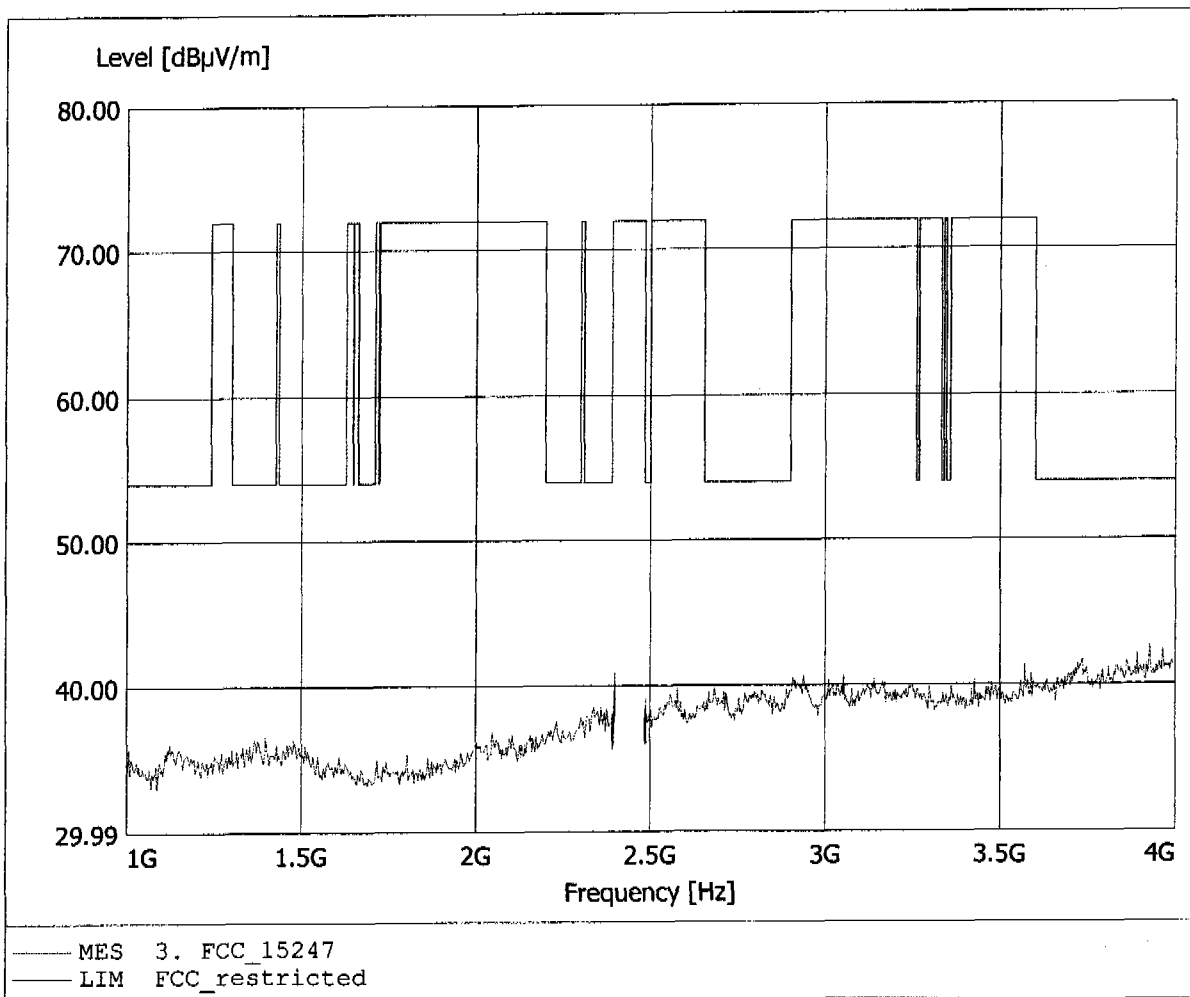
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.398GHz, Emax: 48.23dBµV/m, RBW: 1MHz



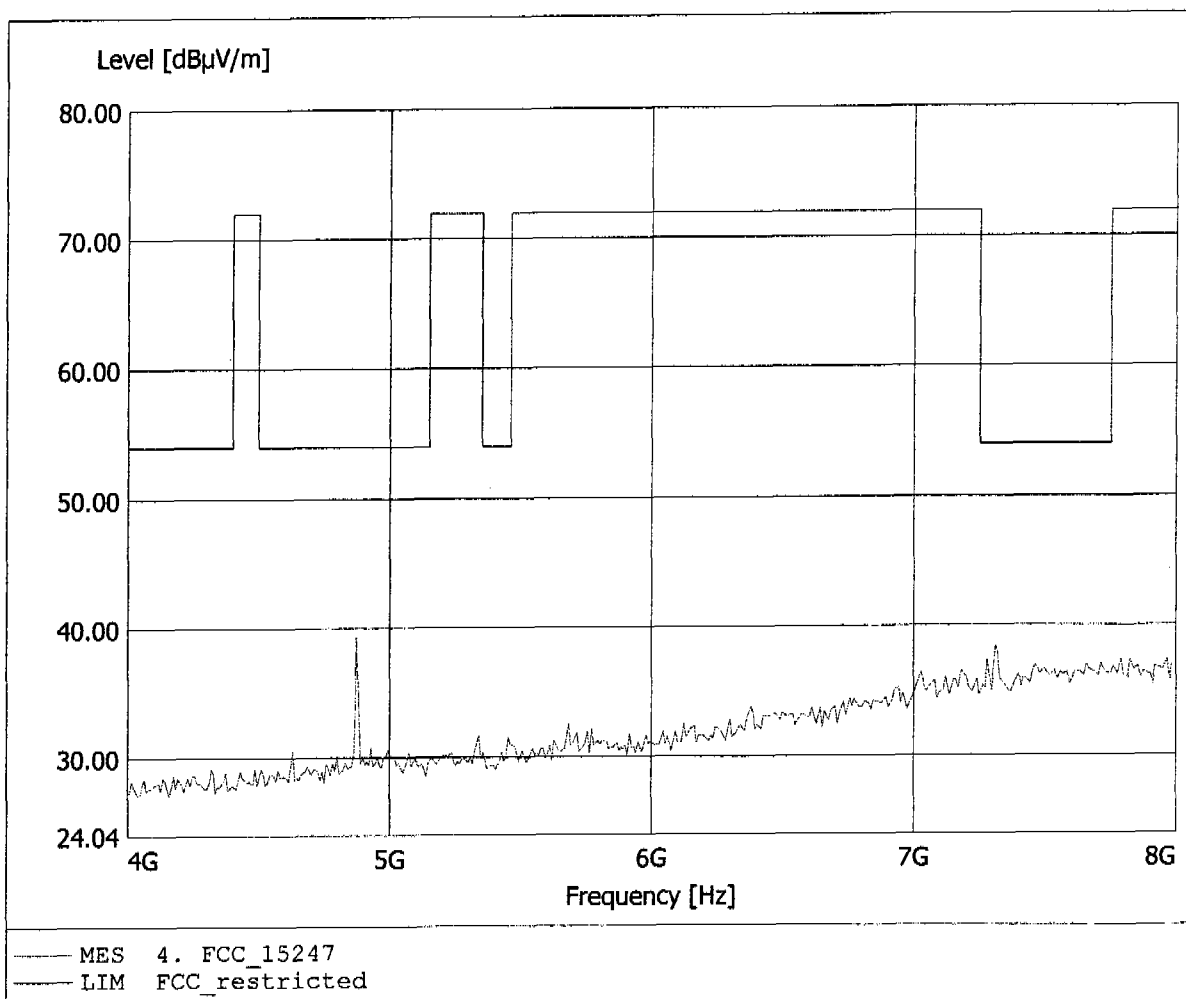
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 3.927GHz, Emax: 42.60dBuV/m, RBW: 1MHz



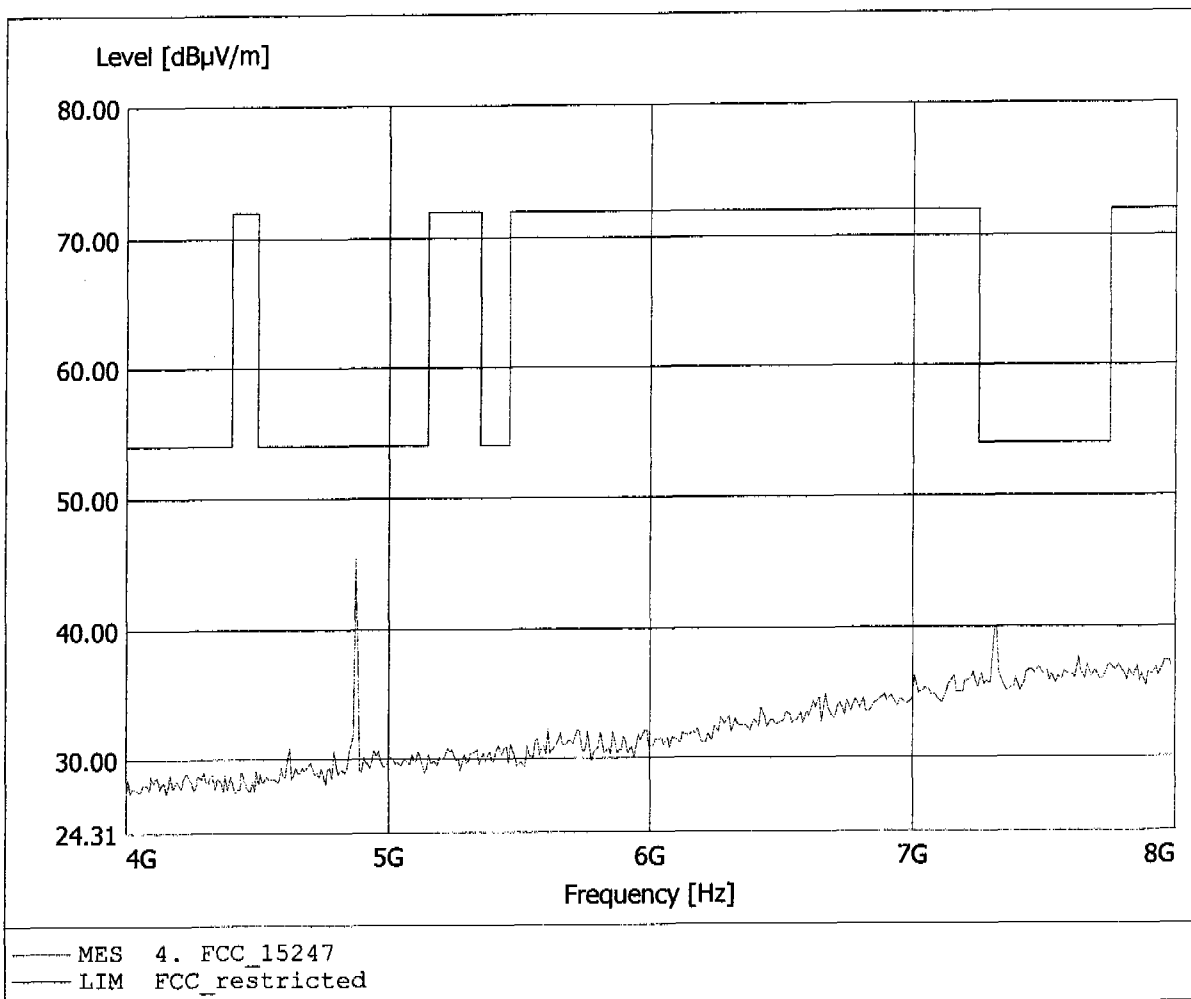
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.874GHz, Emax: 39.35dBµV/m, RBW: 1MHz



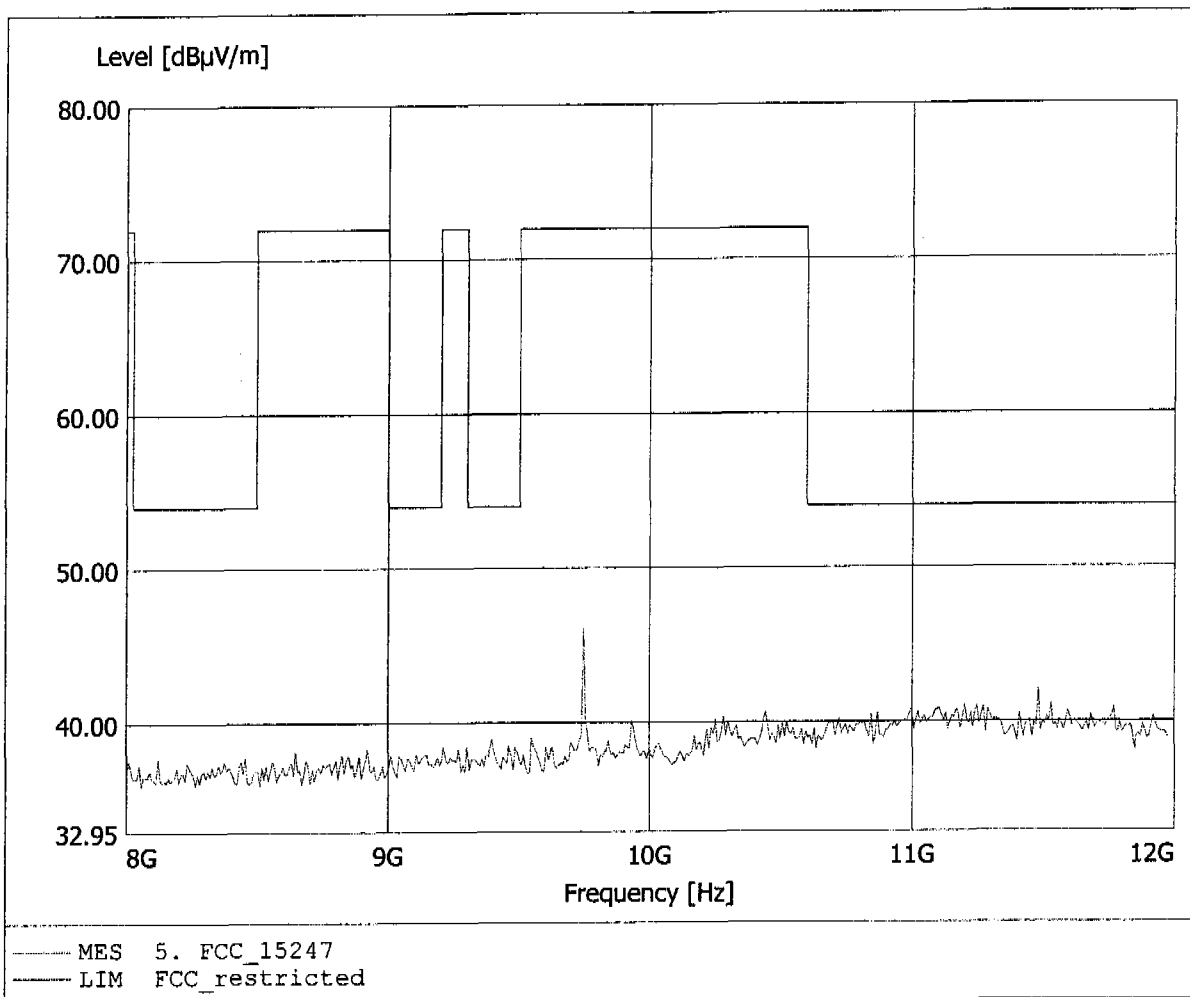
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.874GHz, Emax: 45.44dBuV/m, RBW: 1MHz



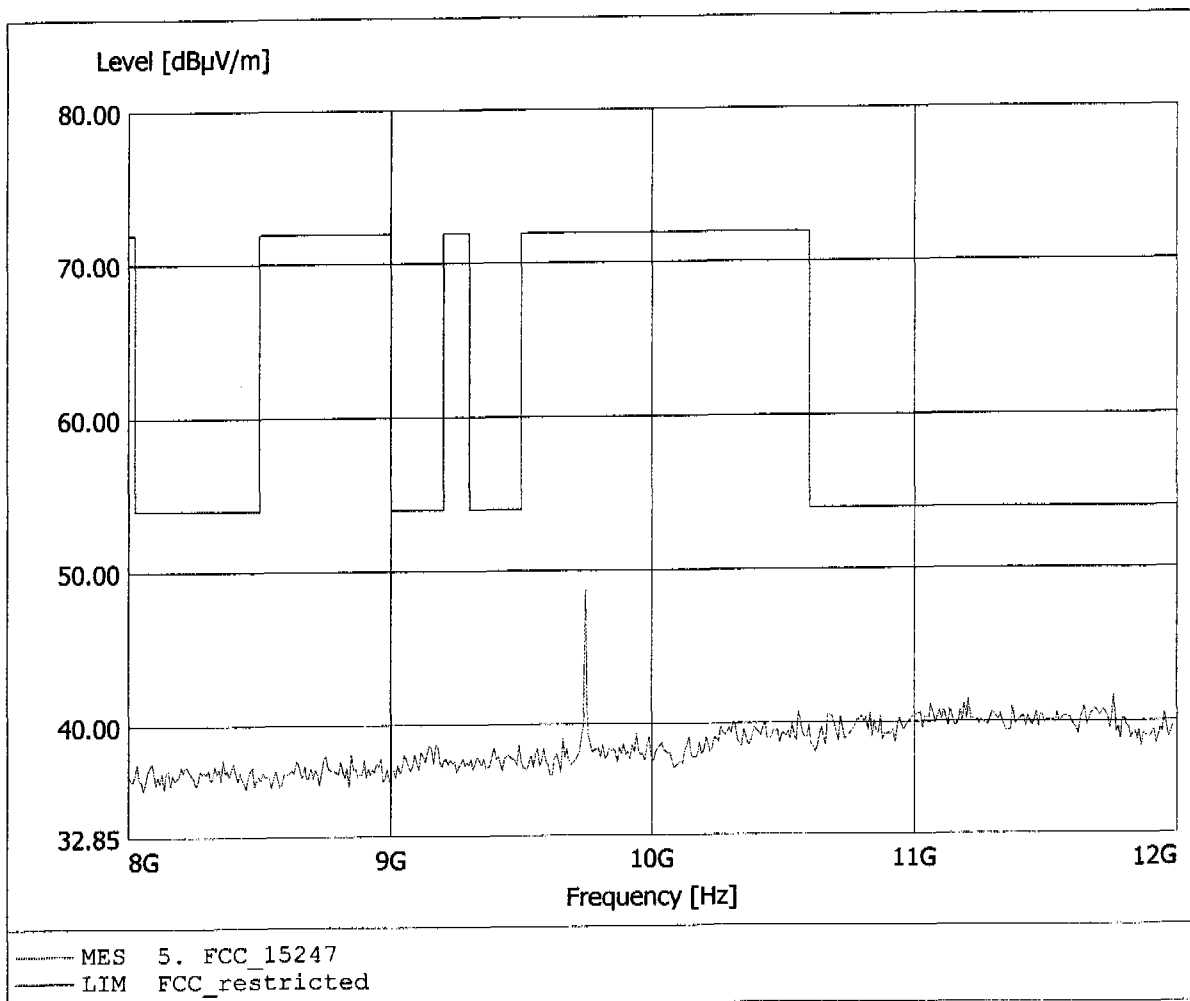
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.747GHz, Emax: 46.07dB $\mu$ V/m, RBW: 1MHz



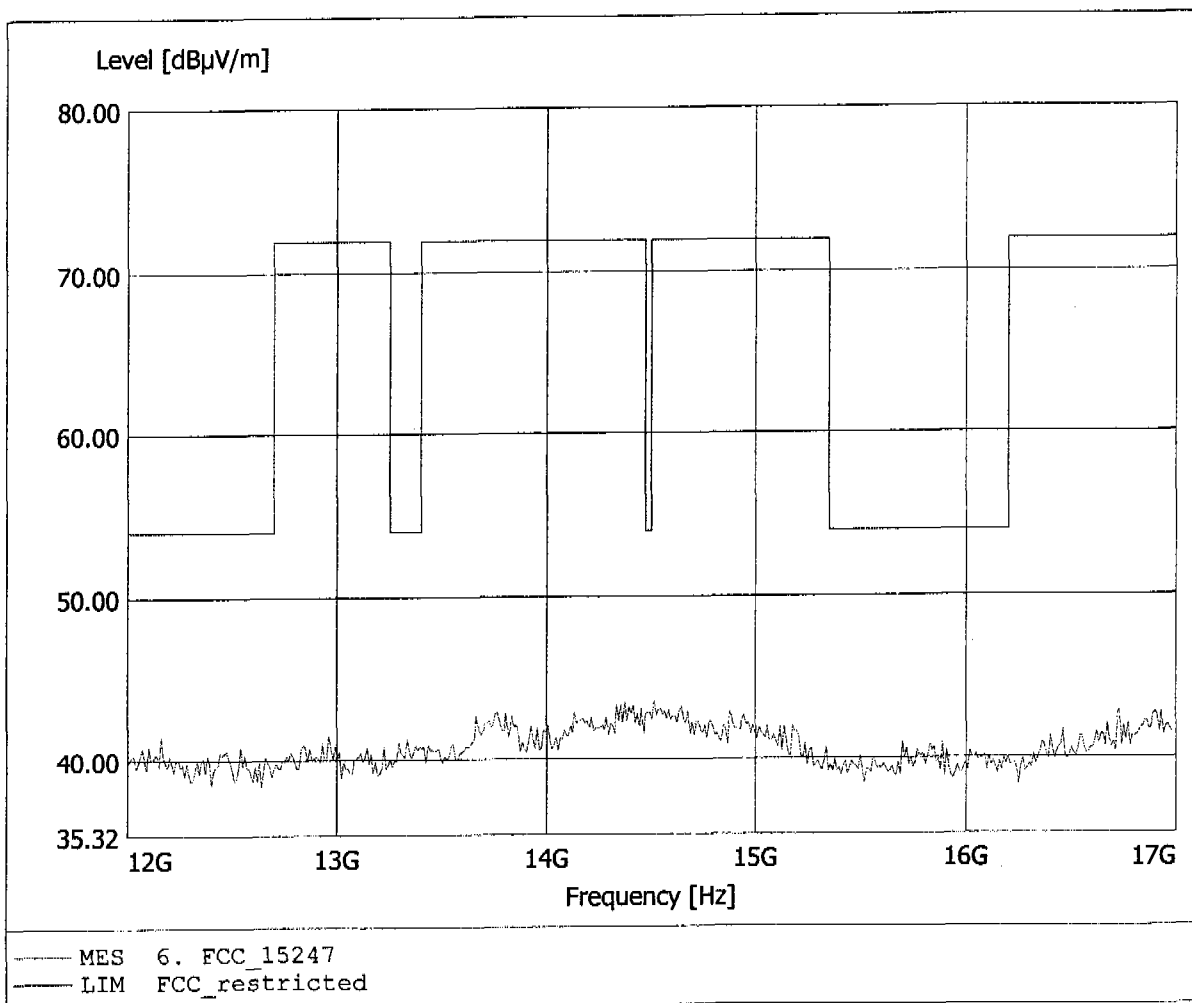
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.747GHz, Emax: 48.76dBµV/m, RBW: 1MHz



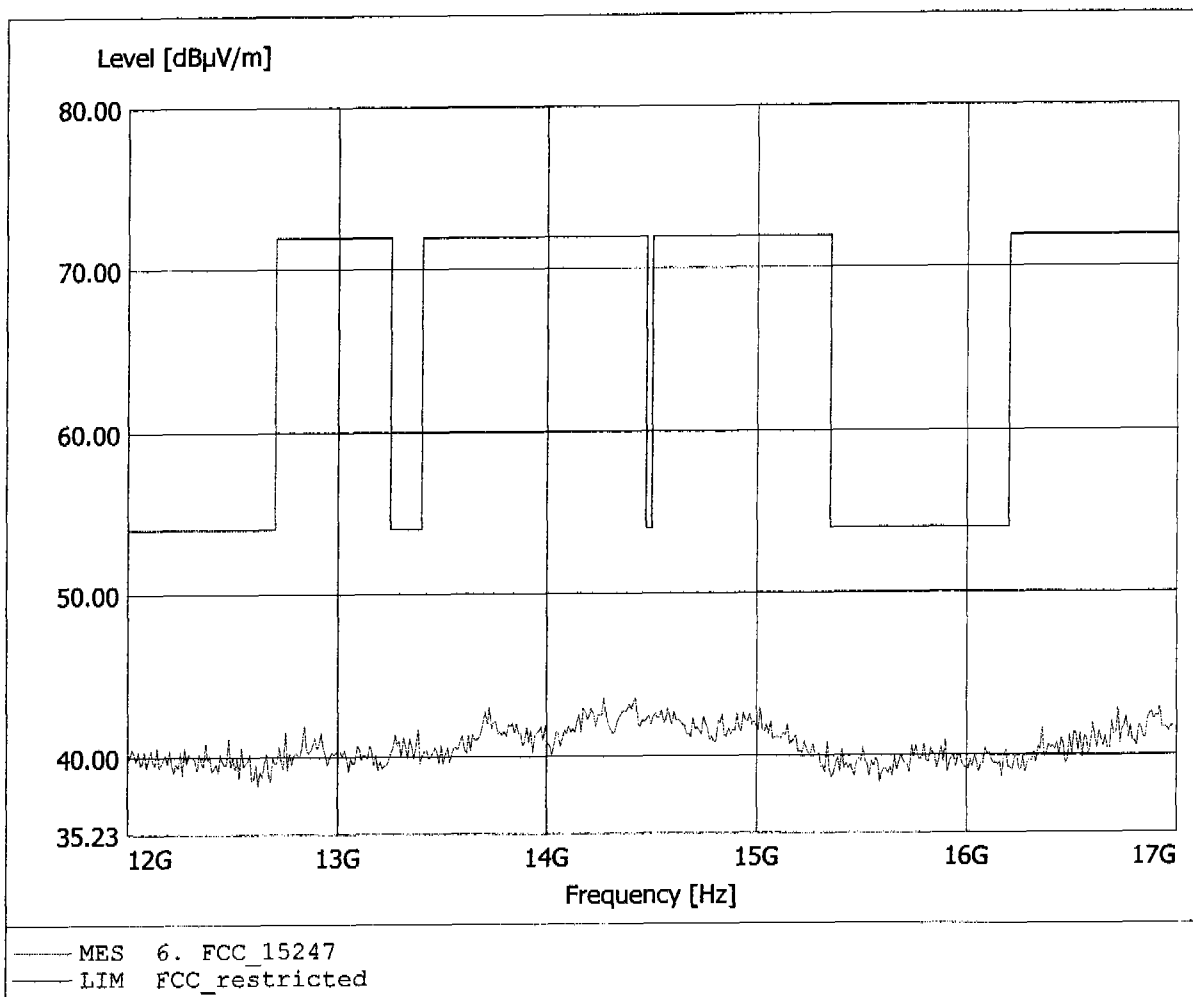
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.515GHz, Emax: 43.60dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

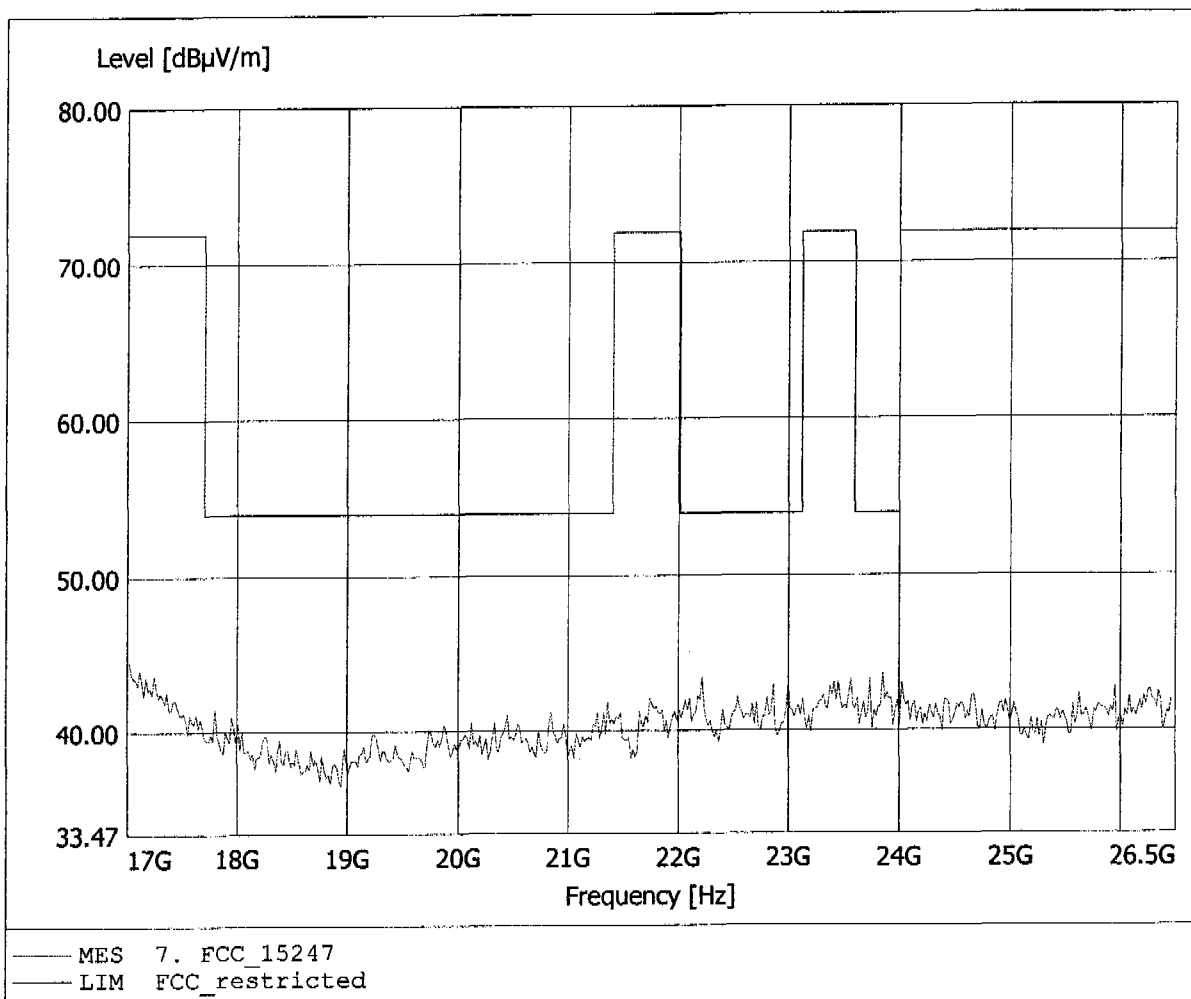
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.425GHz, Emax: 43.56dBµV/m, RBW: 1MHz





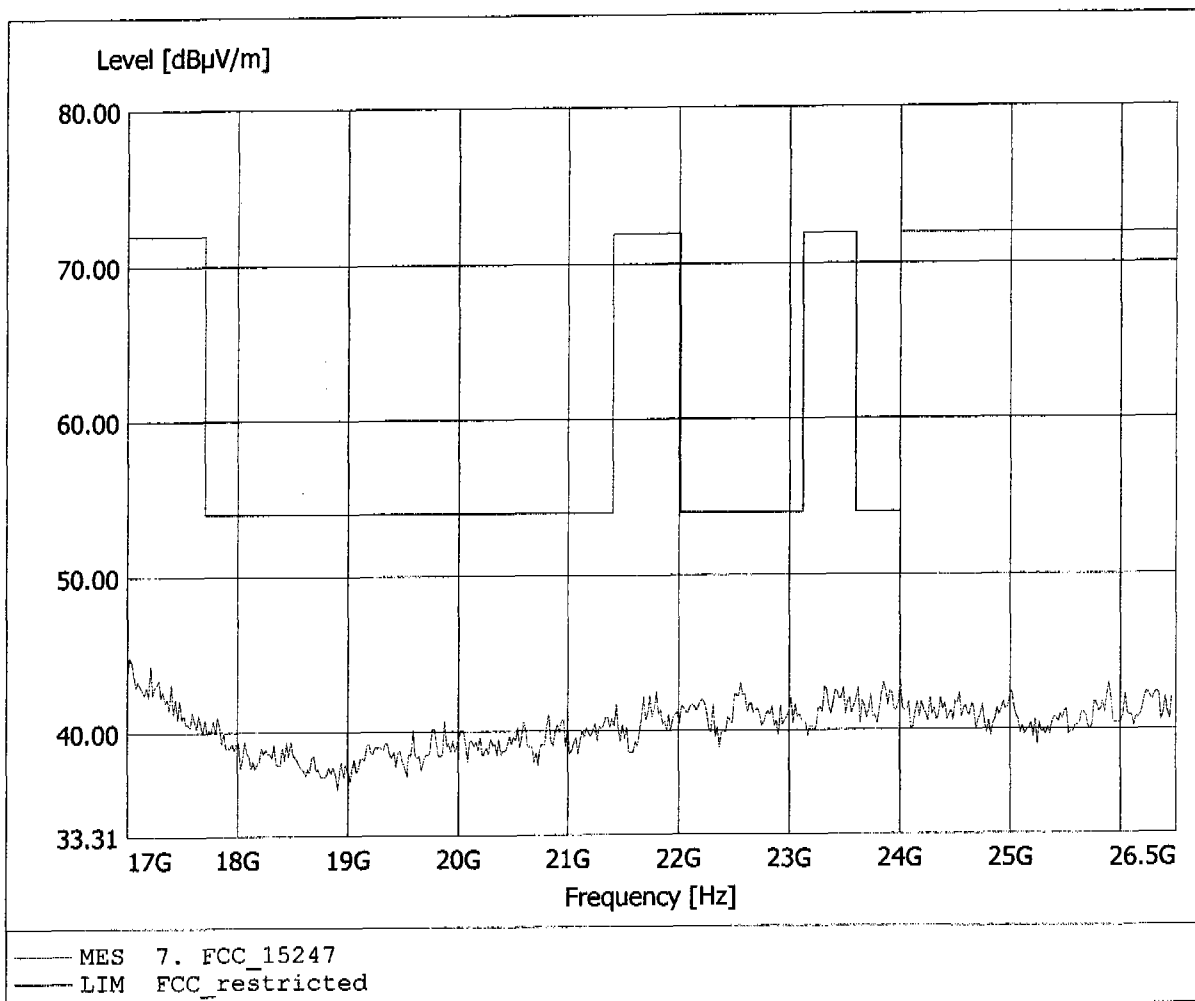
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.019GHz, Emax: 44.51dBuV/m, RBW: 1MHz



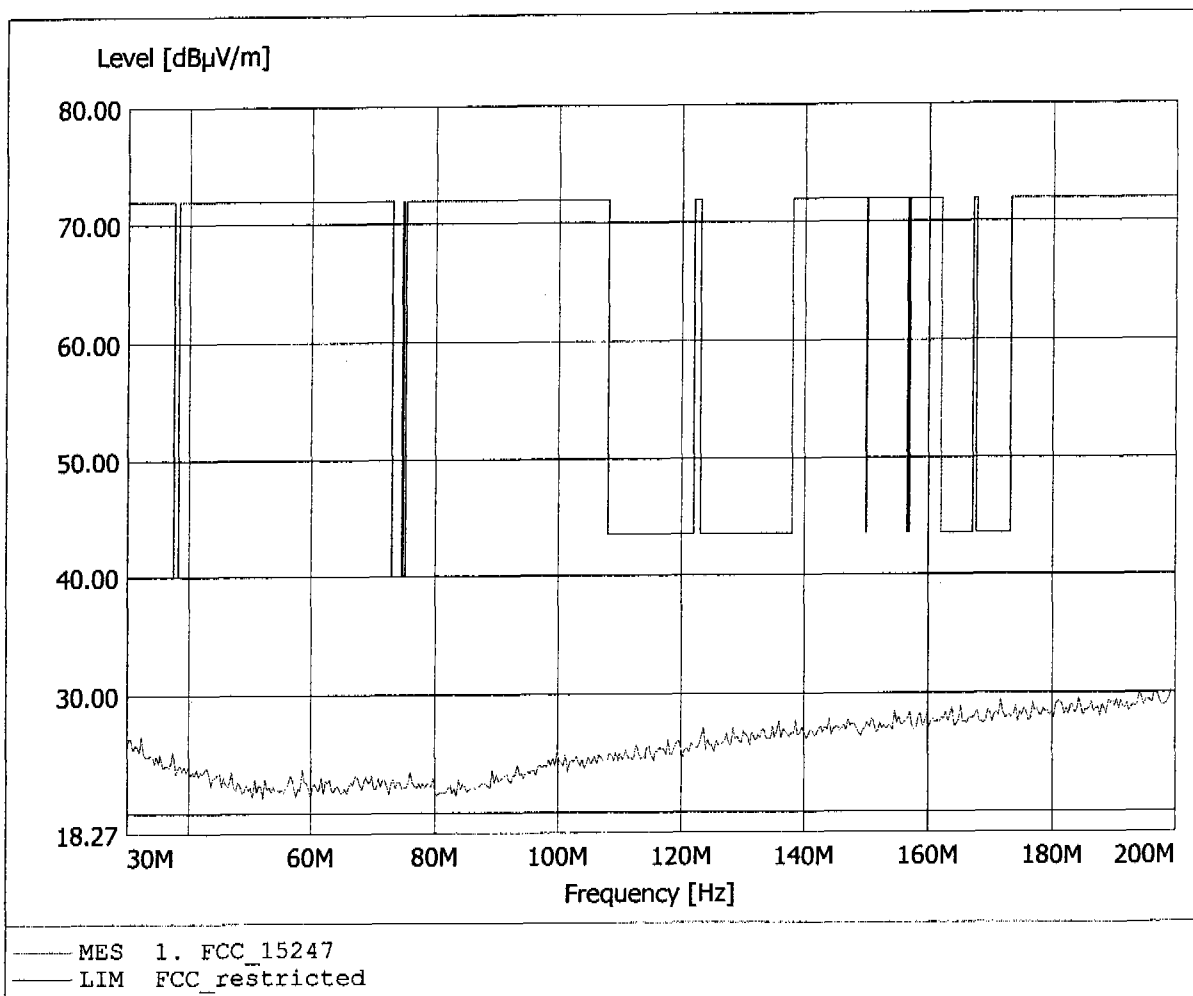
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:6  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.019GHz, Emax: 44.81dBuV/m, RBW: 1MHz



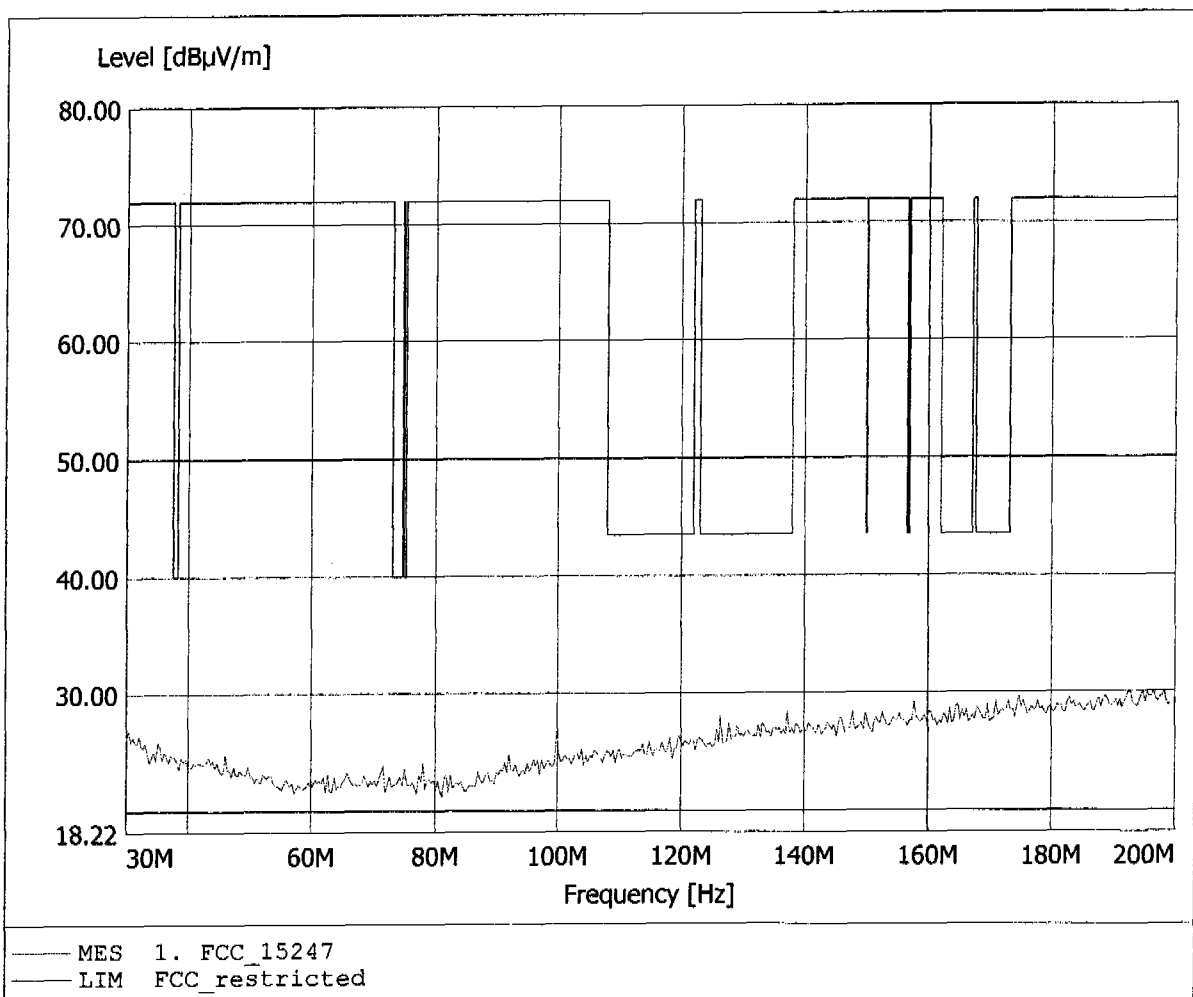
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.319MHz, Emax: 30.18dBµV/m, RBW: 100kHz



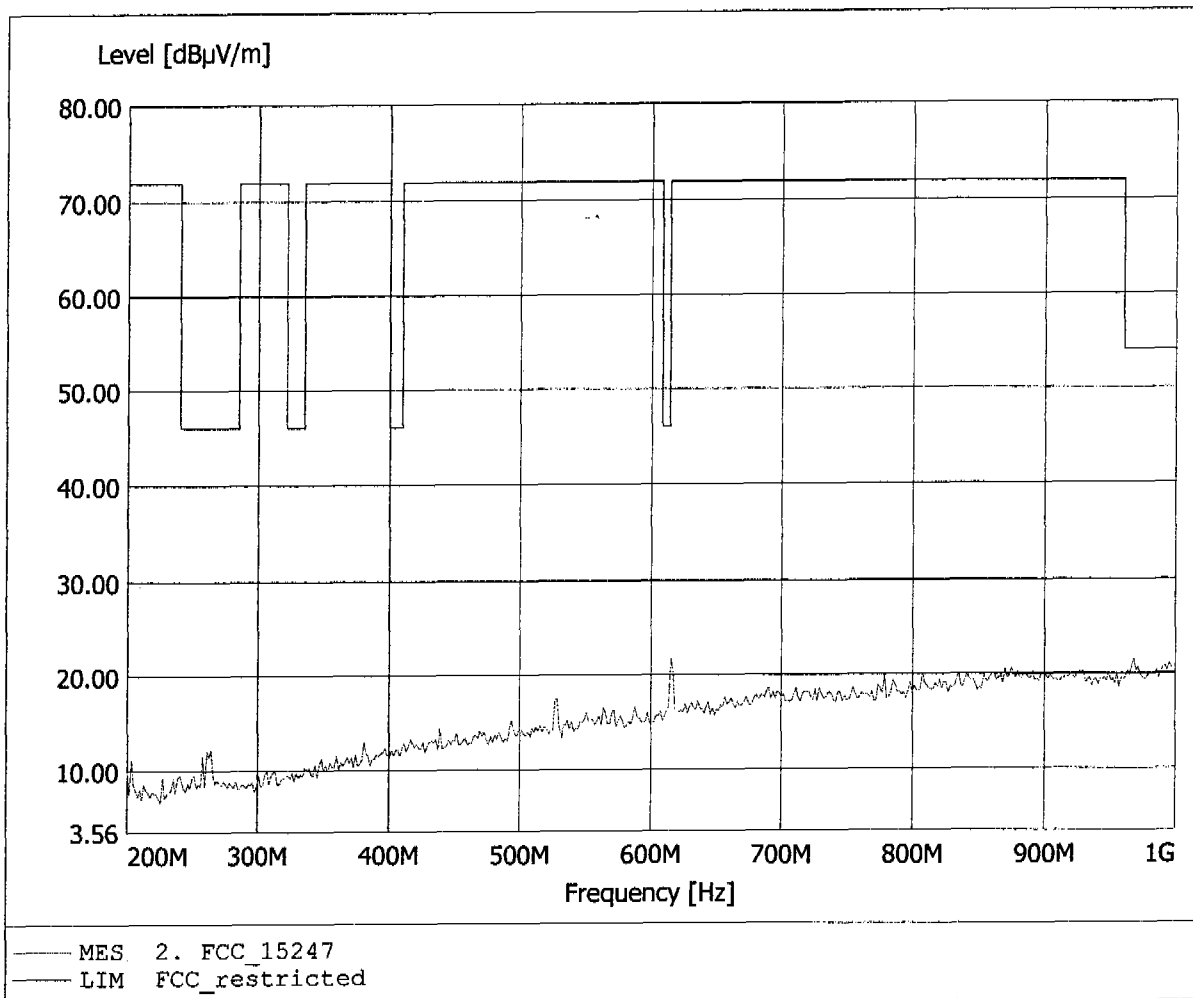
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 198.297MHz, Emax: 30.09dBuV/m, RBW: 100kHz



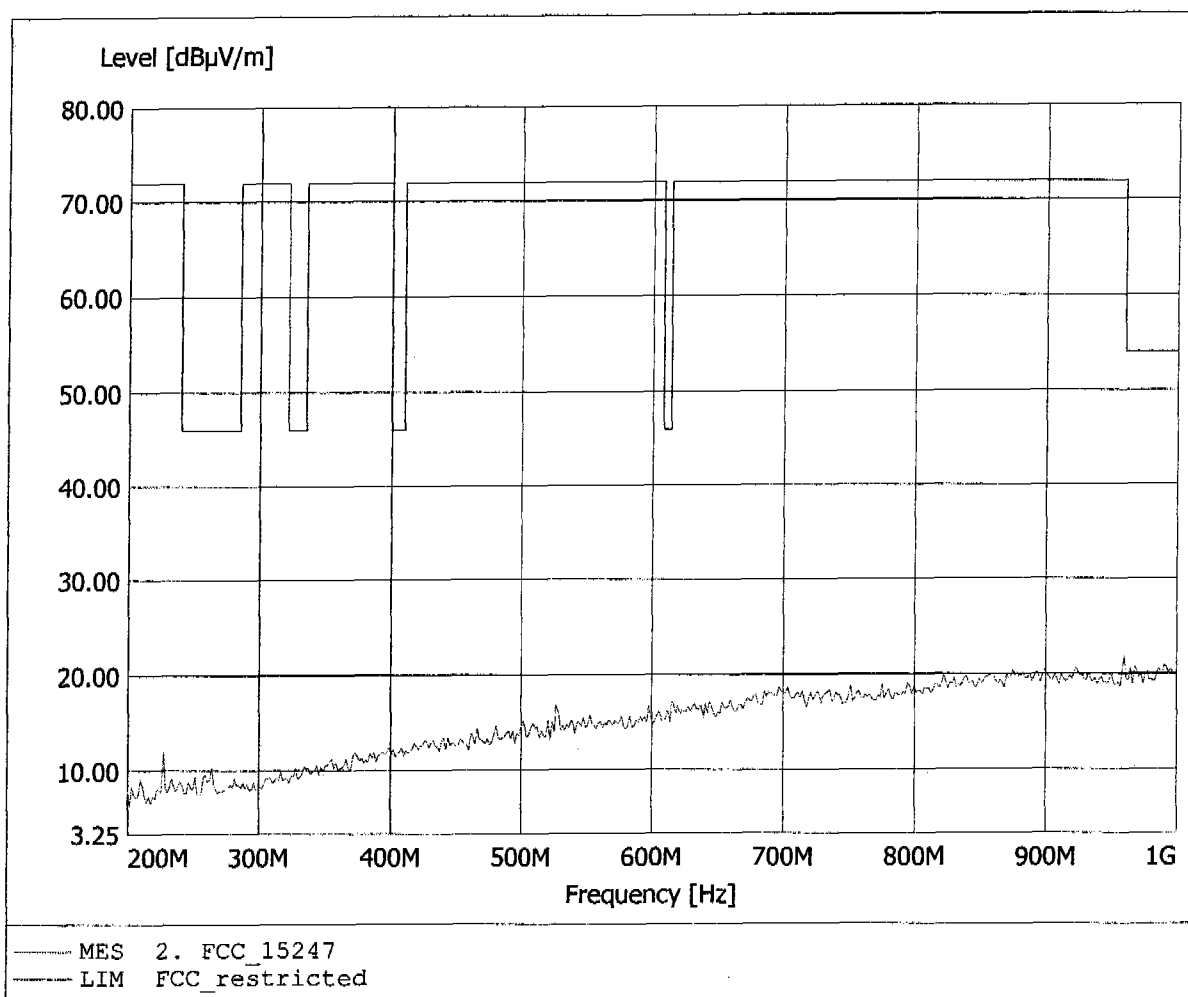
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 615.230MHz, Emax: 21.68dBµV/m, RBW: 100kHz



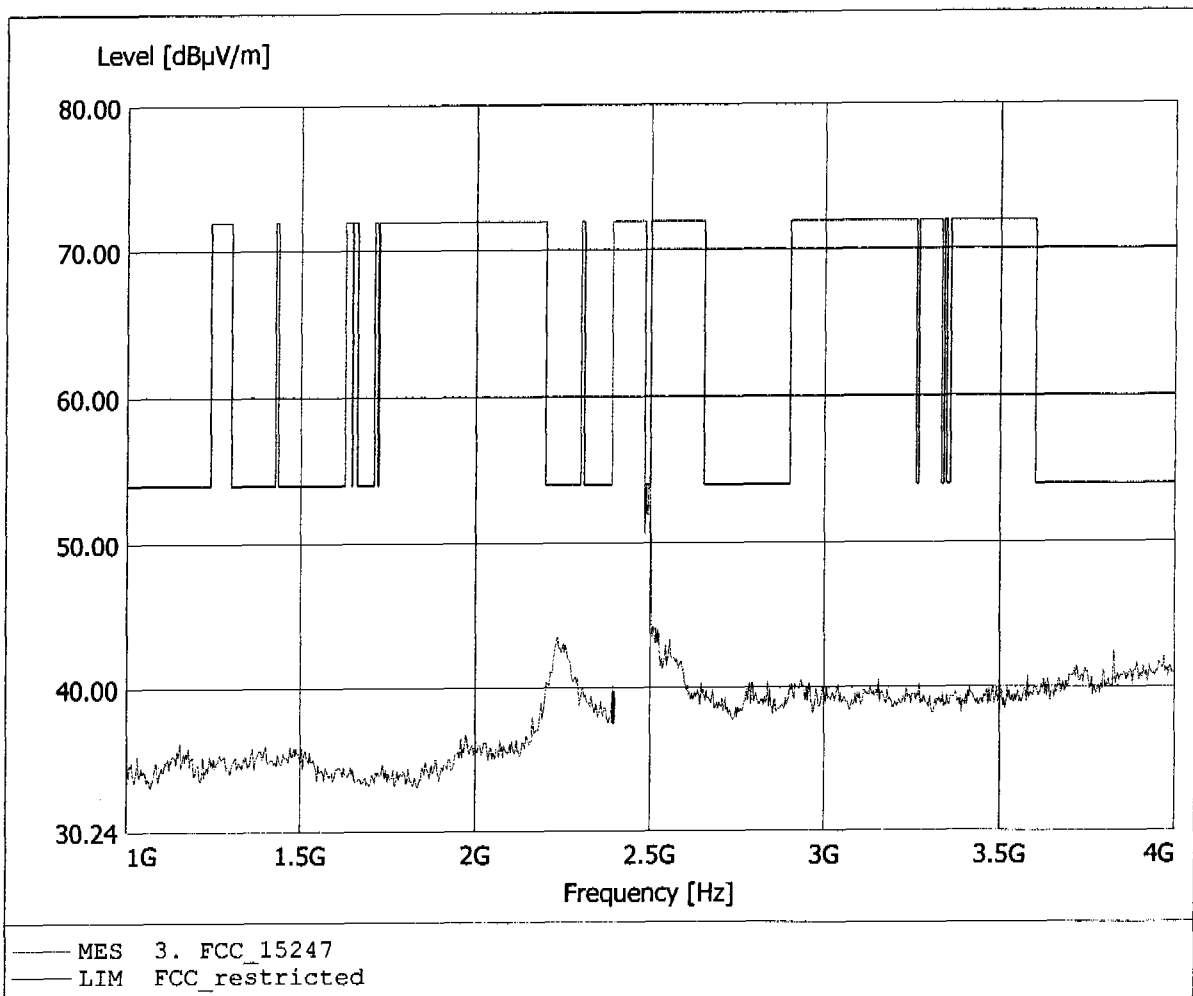
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 959.920MHz, Emax: 21.77dBµV/m, RBW: 100kHz



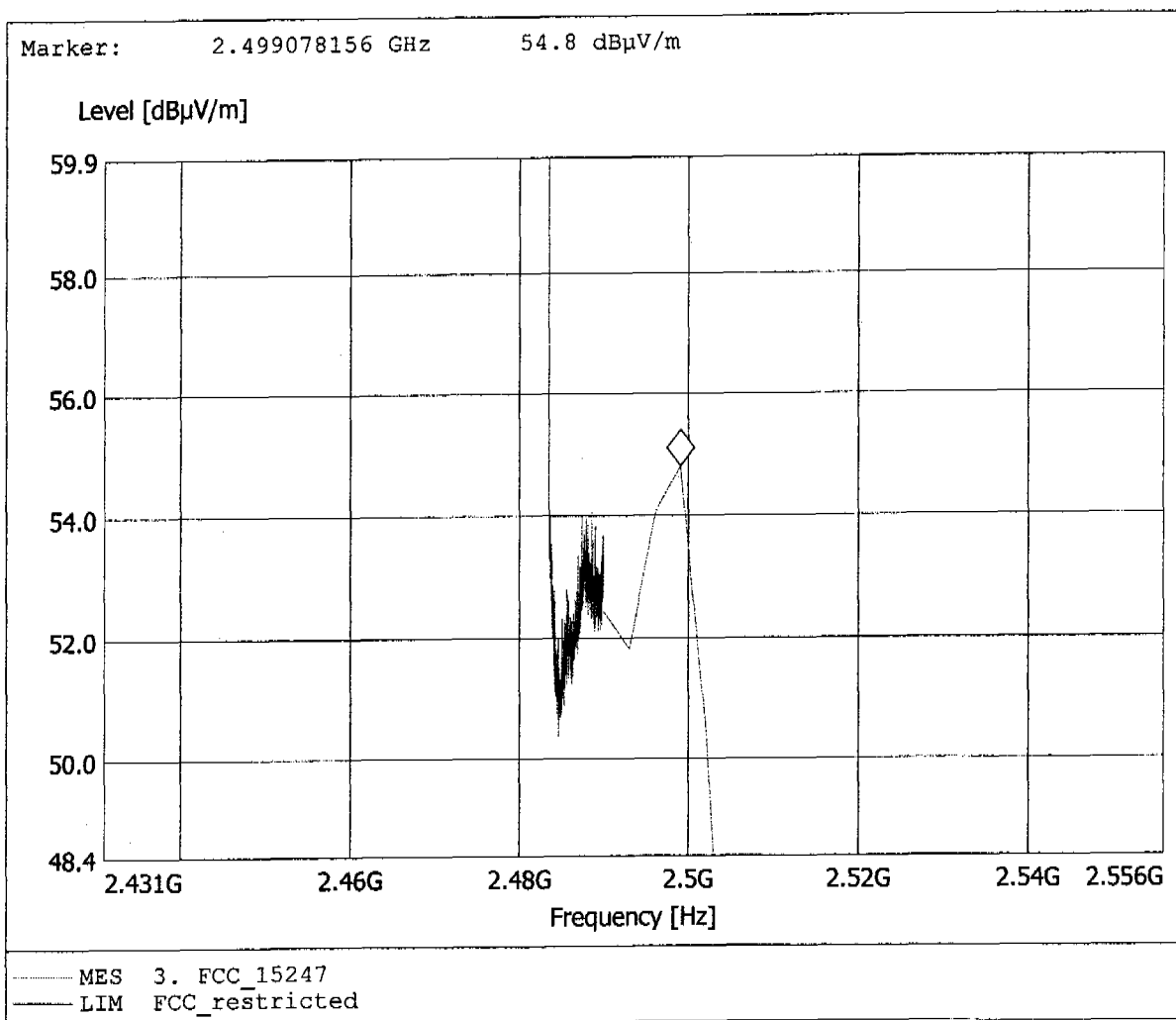
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.499GHz, Emax: 54.80dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

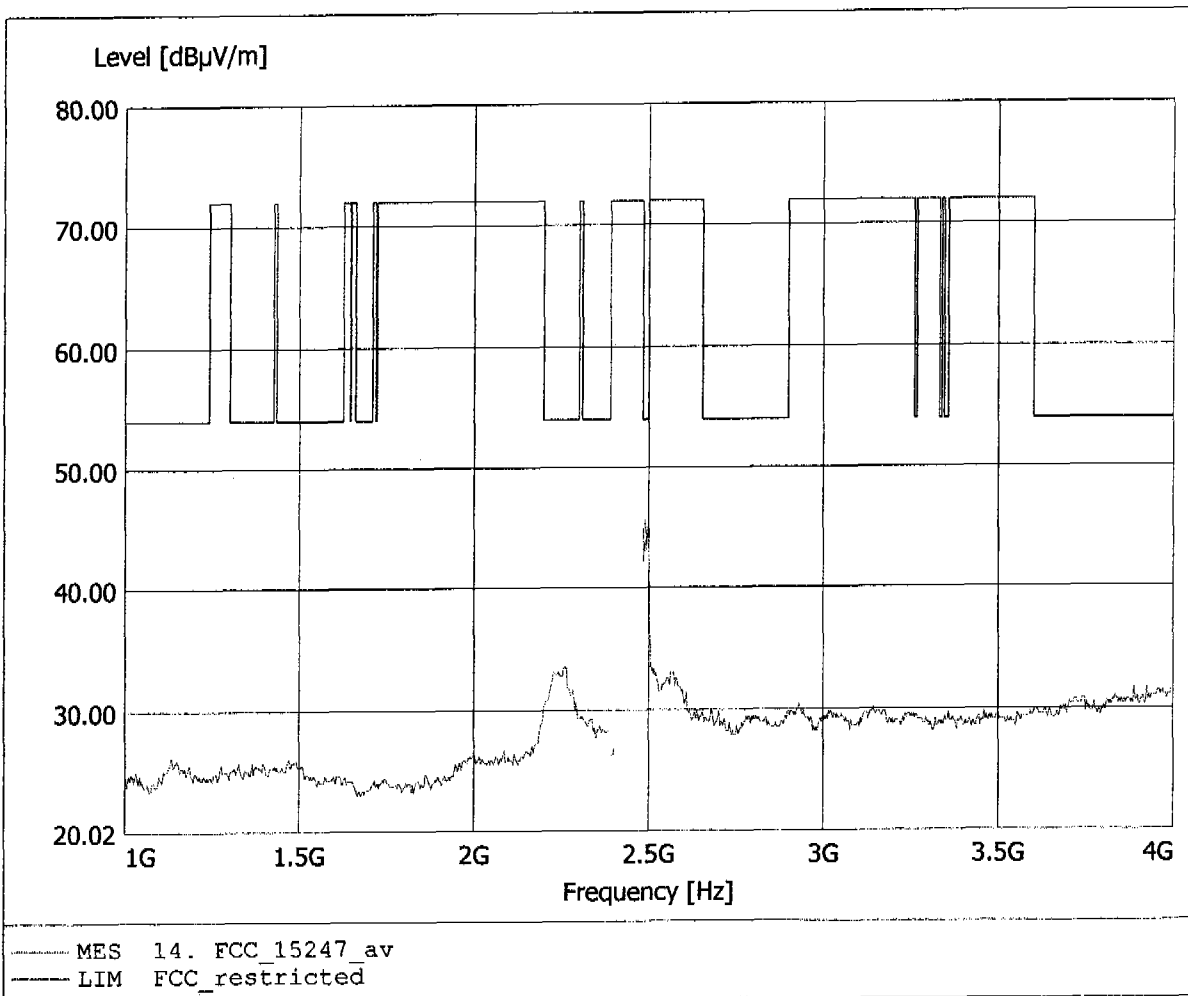
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.499GHz, Emax: 54.80dBuV/m, RBW: 1MHz





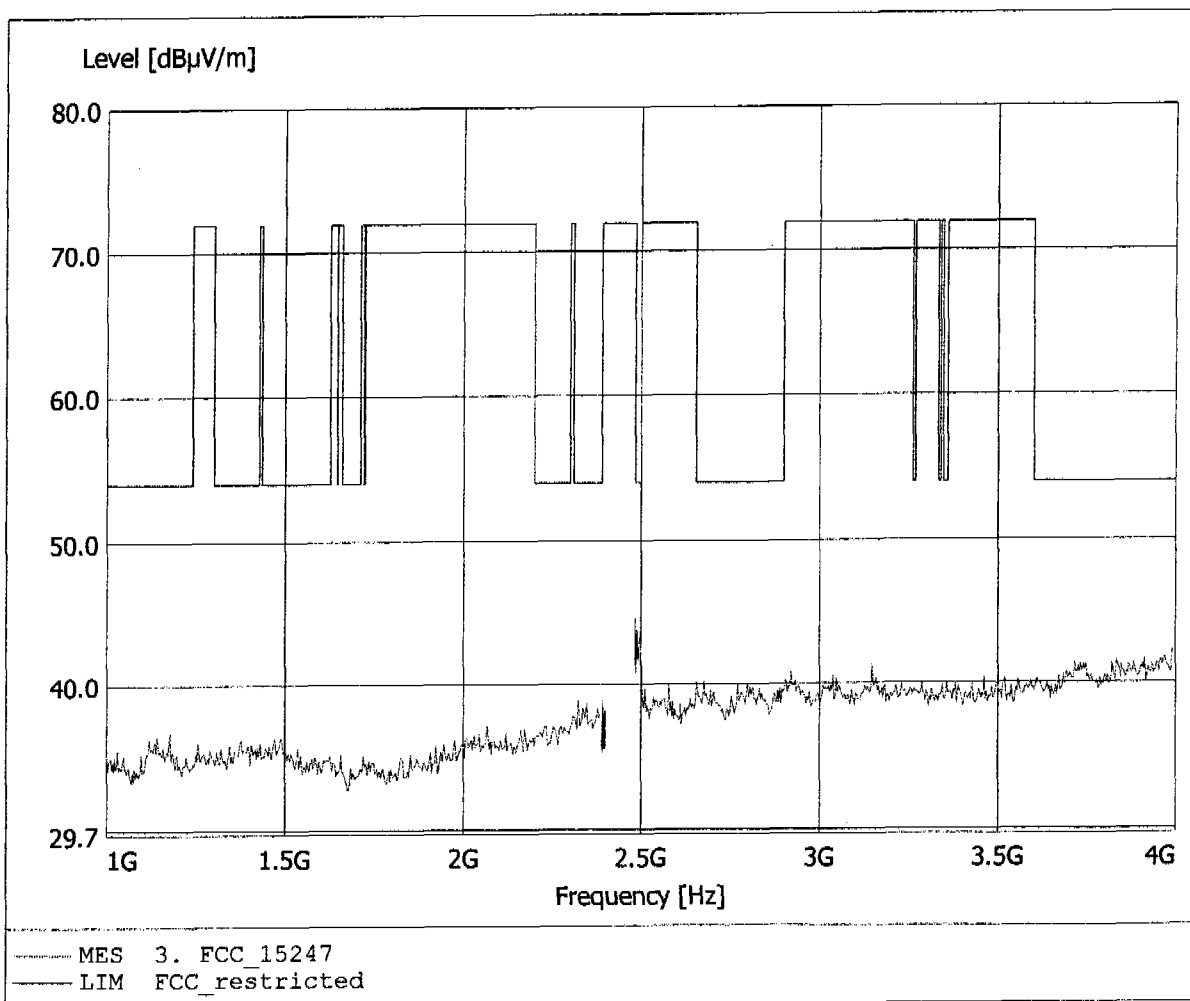
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.490GHz, Emax: 45.63dBµV/m, RBW: 1MHz



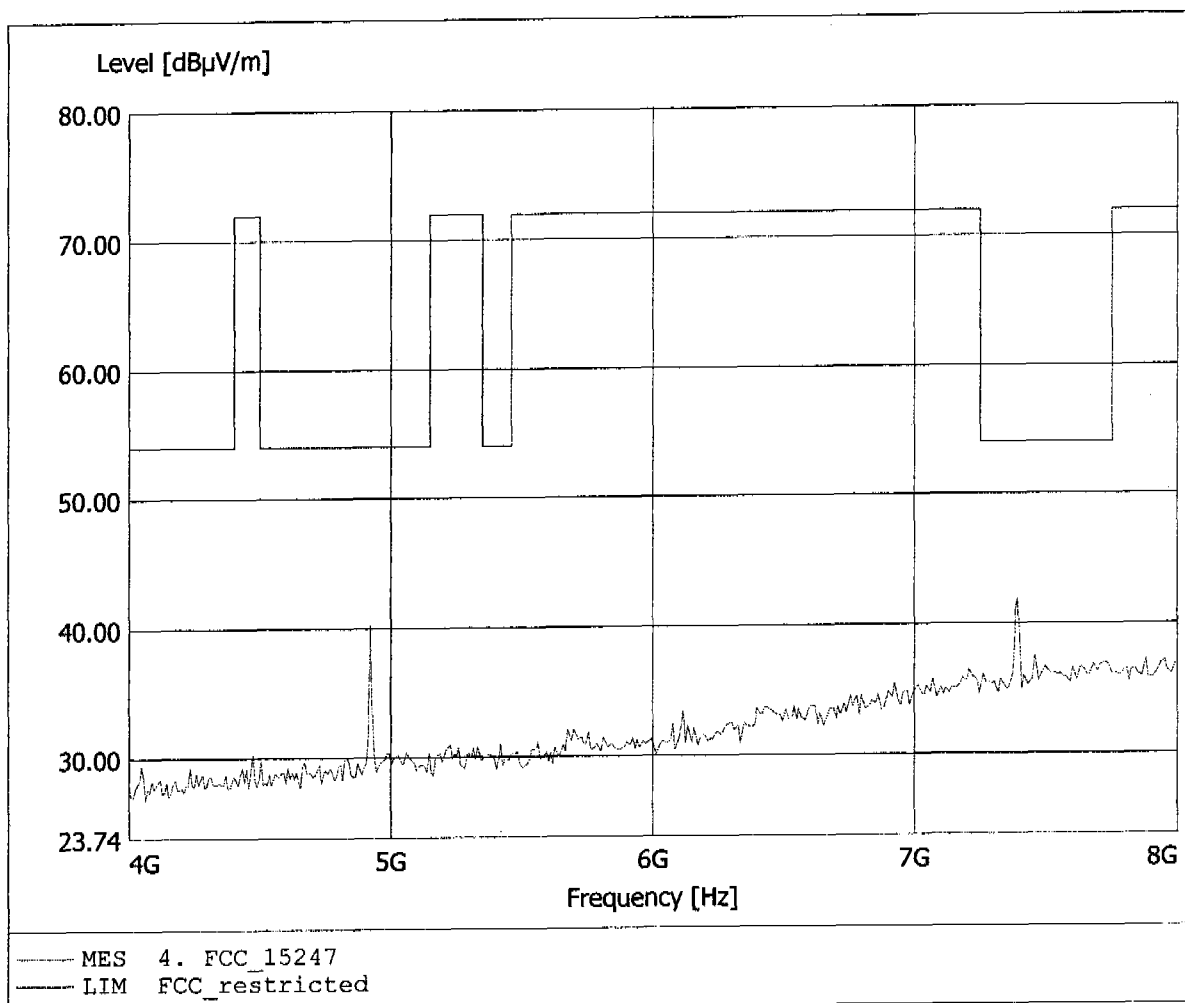
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 44.59dBuV/m, RBW: 1MHz



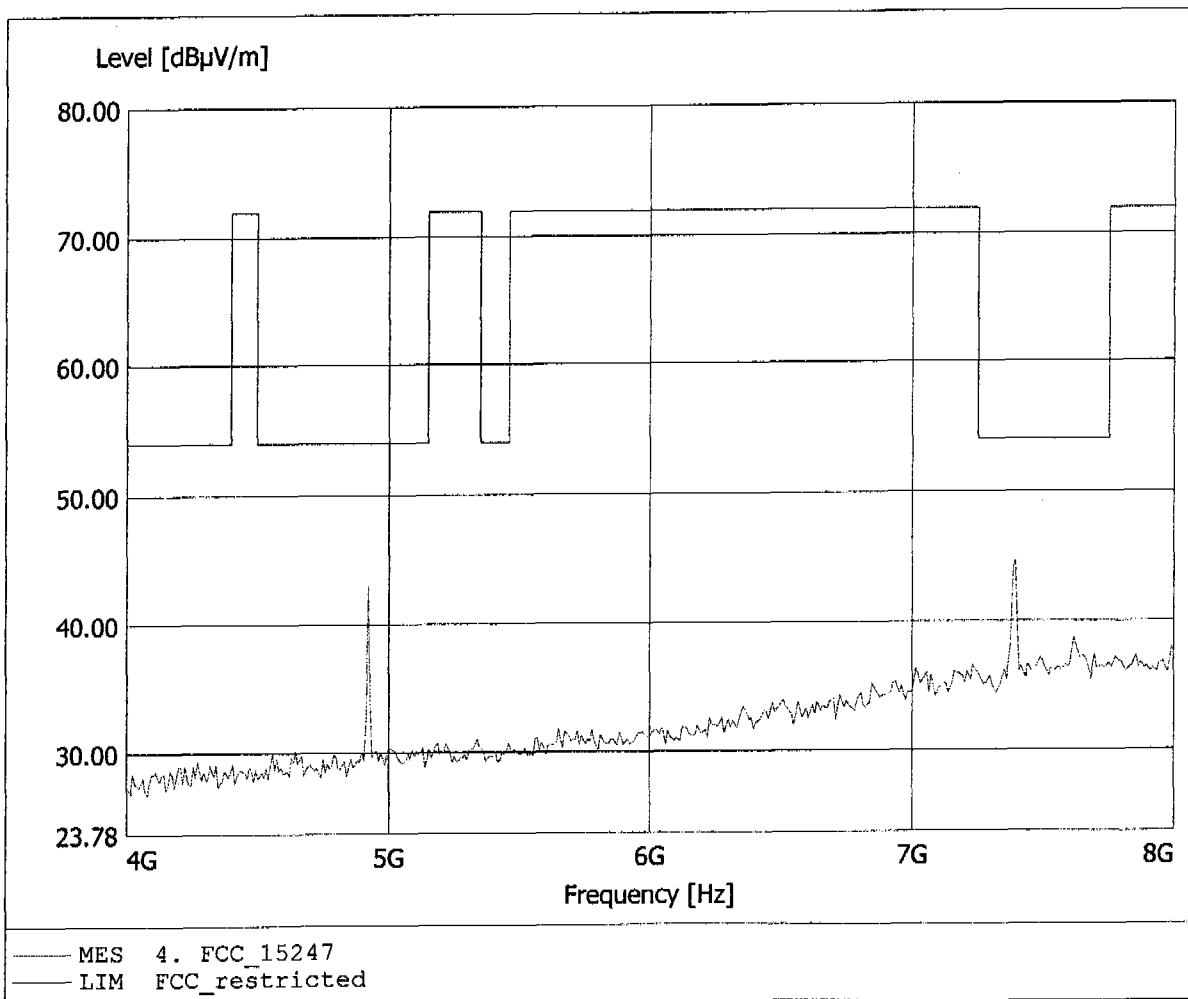
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.391GHz, Emax: 41.87dBµV/m, RBW: 1MHz



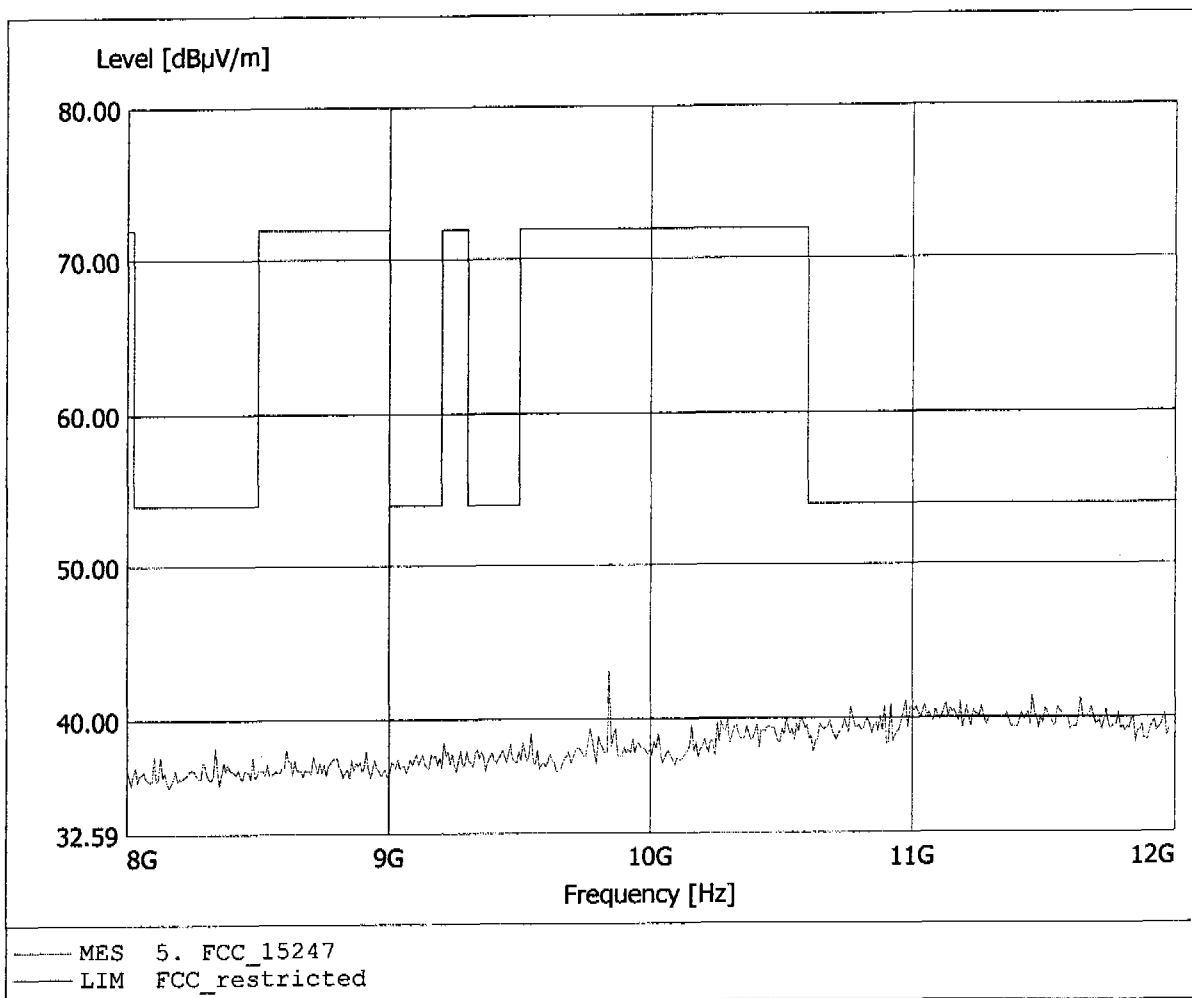
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.391GHz, Emax: 44.68dBuV/m, RBW: 1MHz



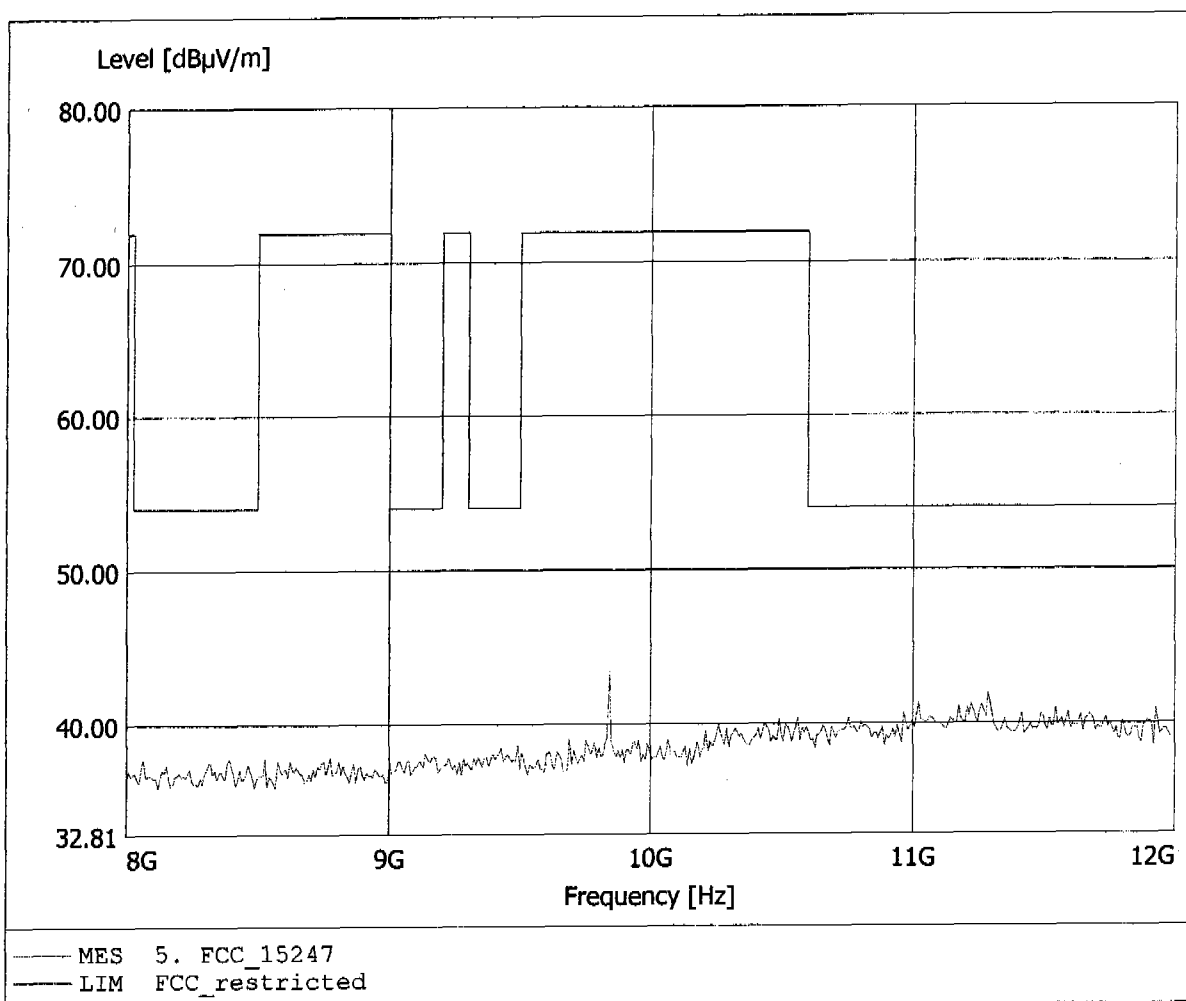
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.844GHz, Emax: 43.14dBuV/m, RBW: 1MHz



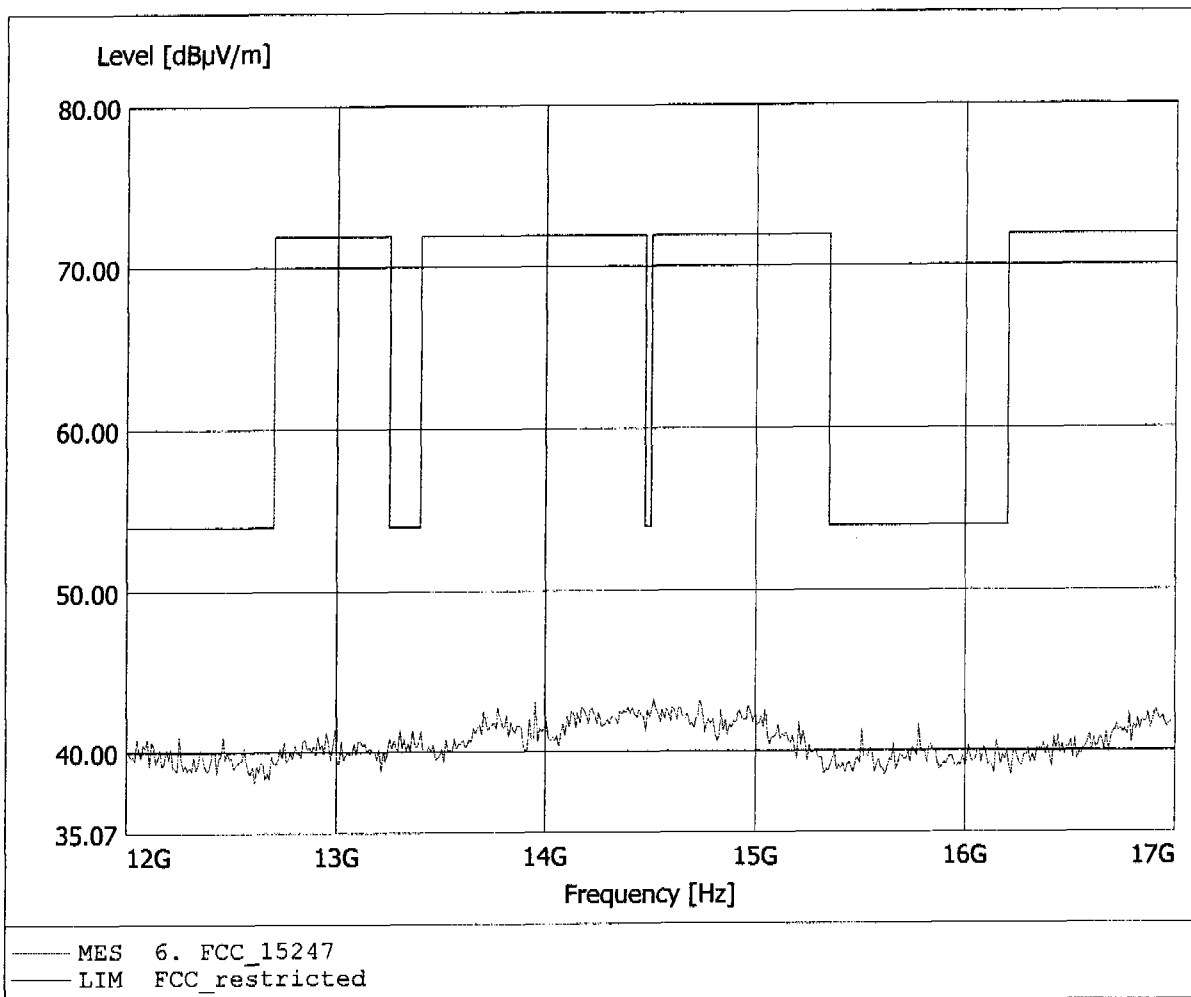
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.844GHz, Emax: 43.45dBµV/m, RBW: 1MHz



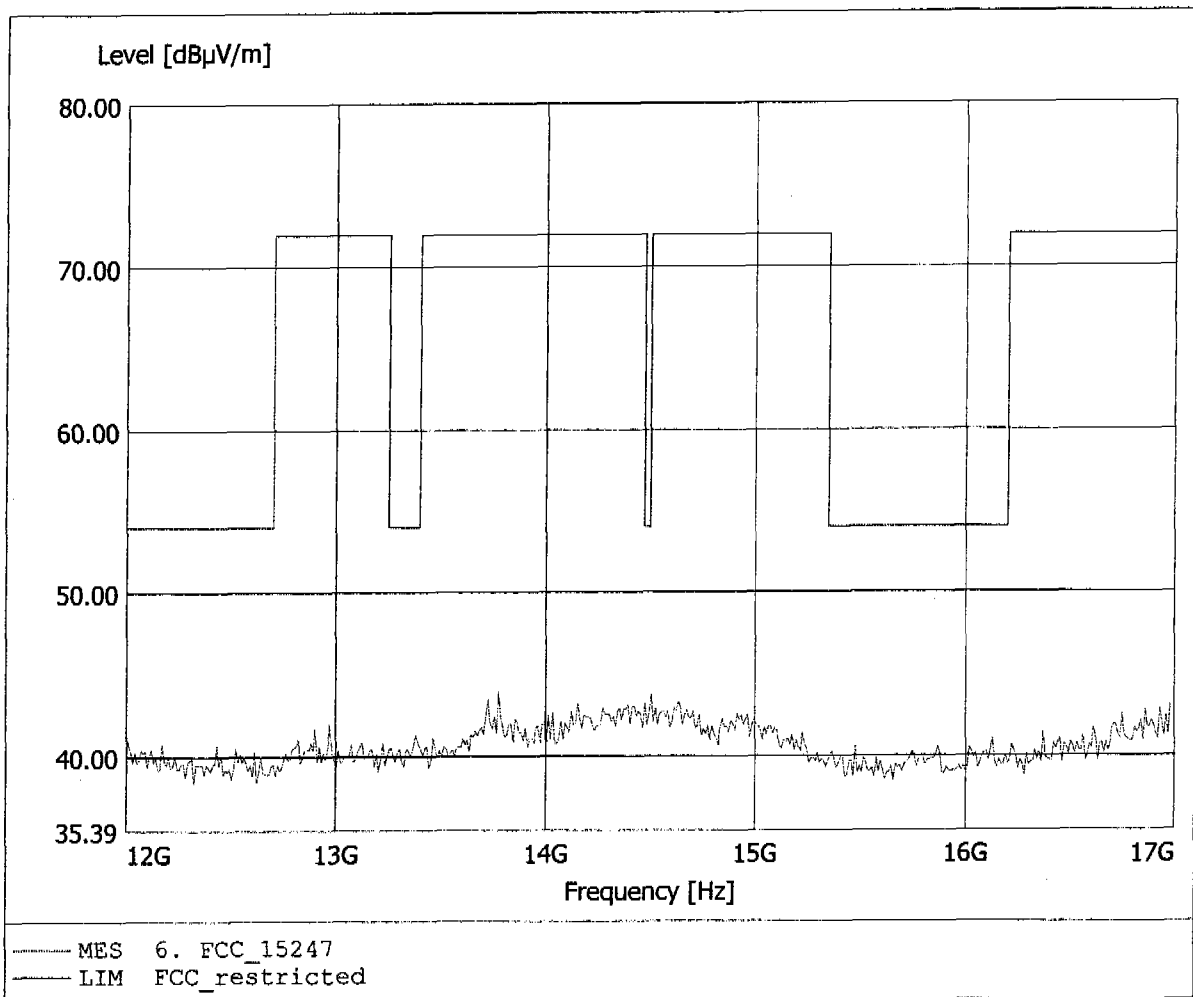
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.515GHz, Emax: 43.25dBuV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

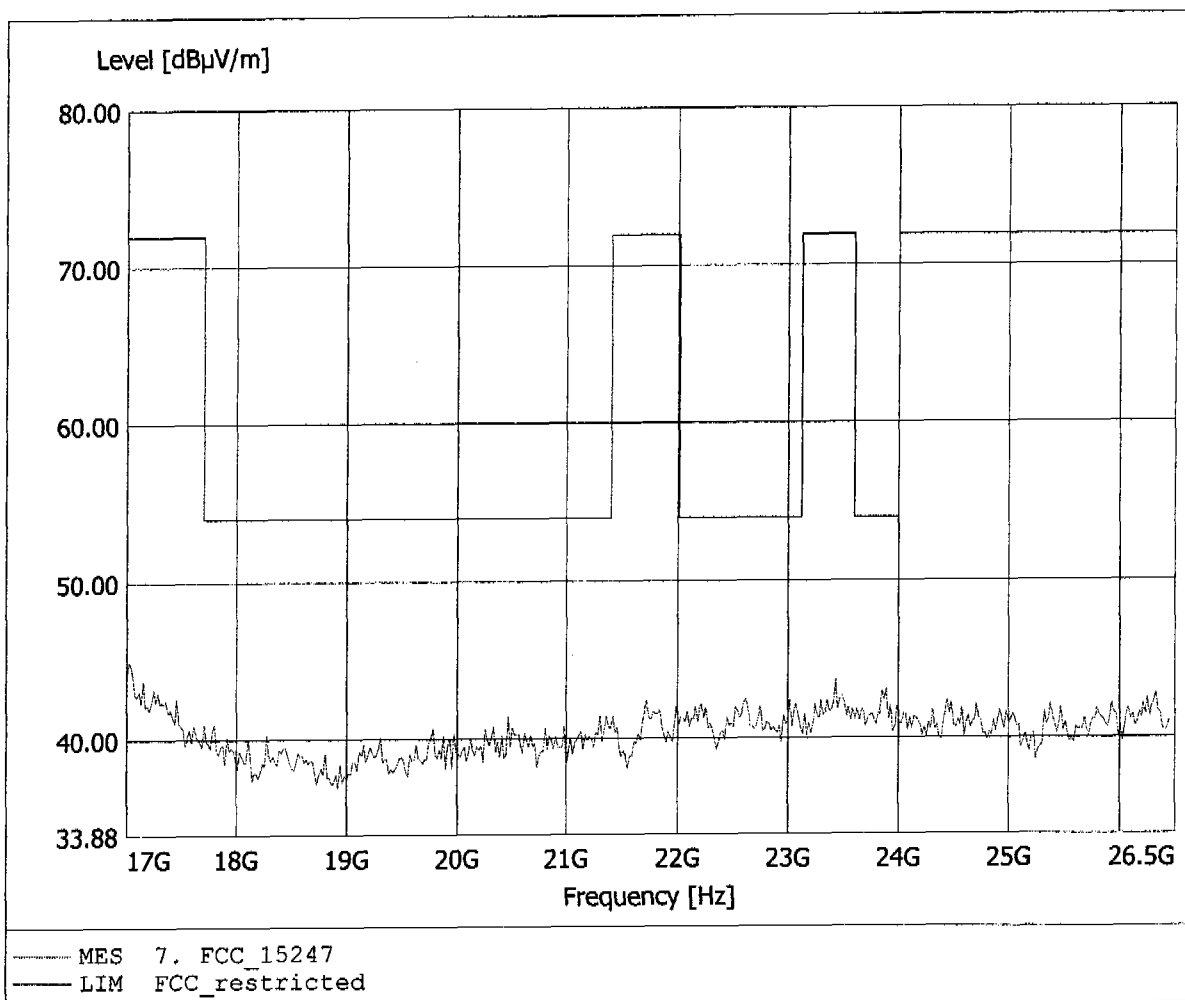
EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 13.774GHz, Emax: 43.93dB $\mu$ V/m, RBW: 1MHz





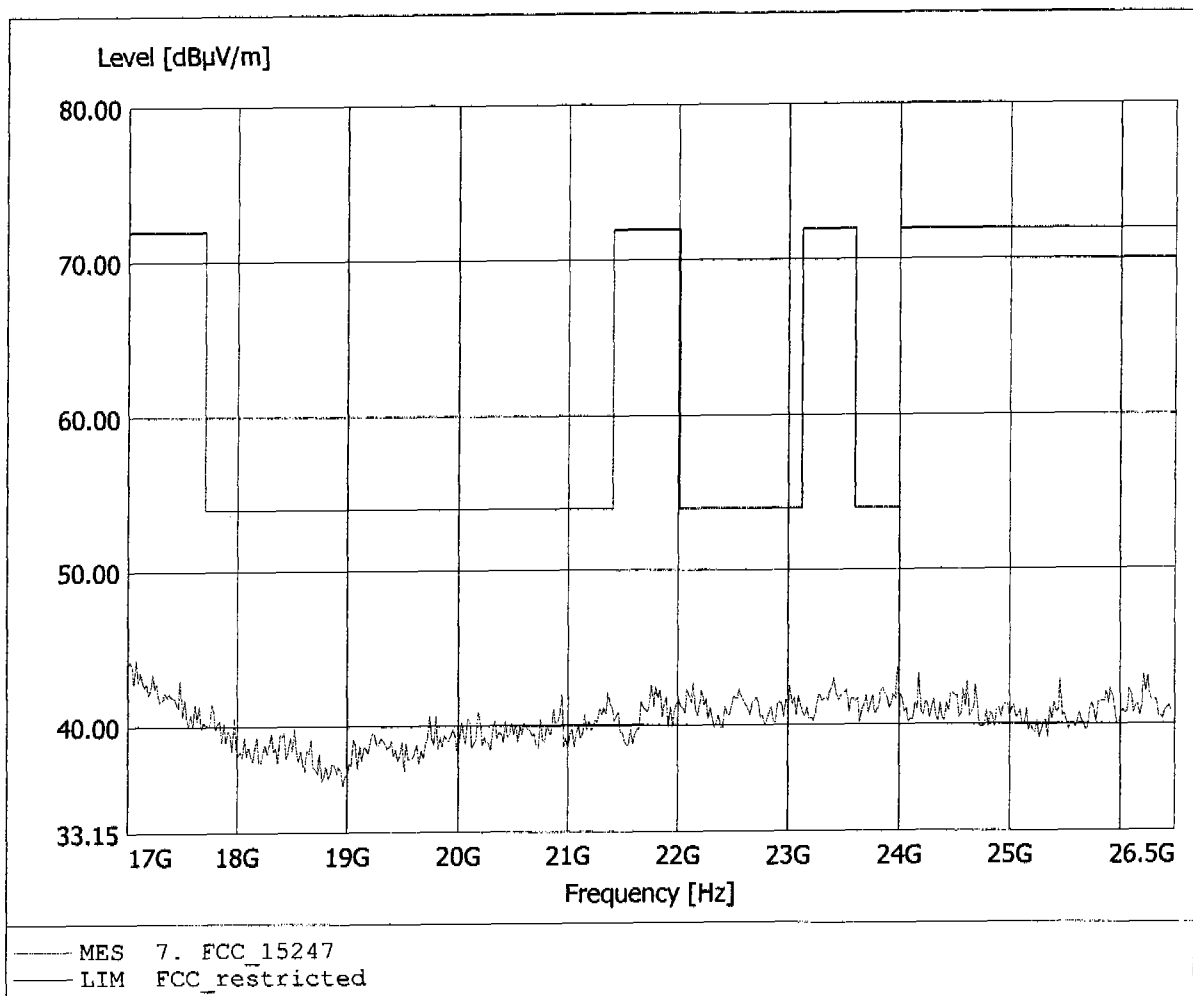
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.019GHz, Emax: 44.92dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Model: HSTNH-C01C / Ch.:11  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Tnom: 23°C / Unom: 4.2 V DC (120 V AC/DC adaptor)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.076GHz, Emax: 44.23dBµV/m, RBW: 1MHz





## Appendix D

Spurious Emissions conducted - Transmitter operating

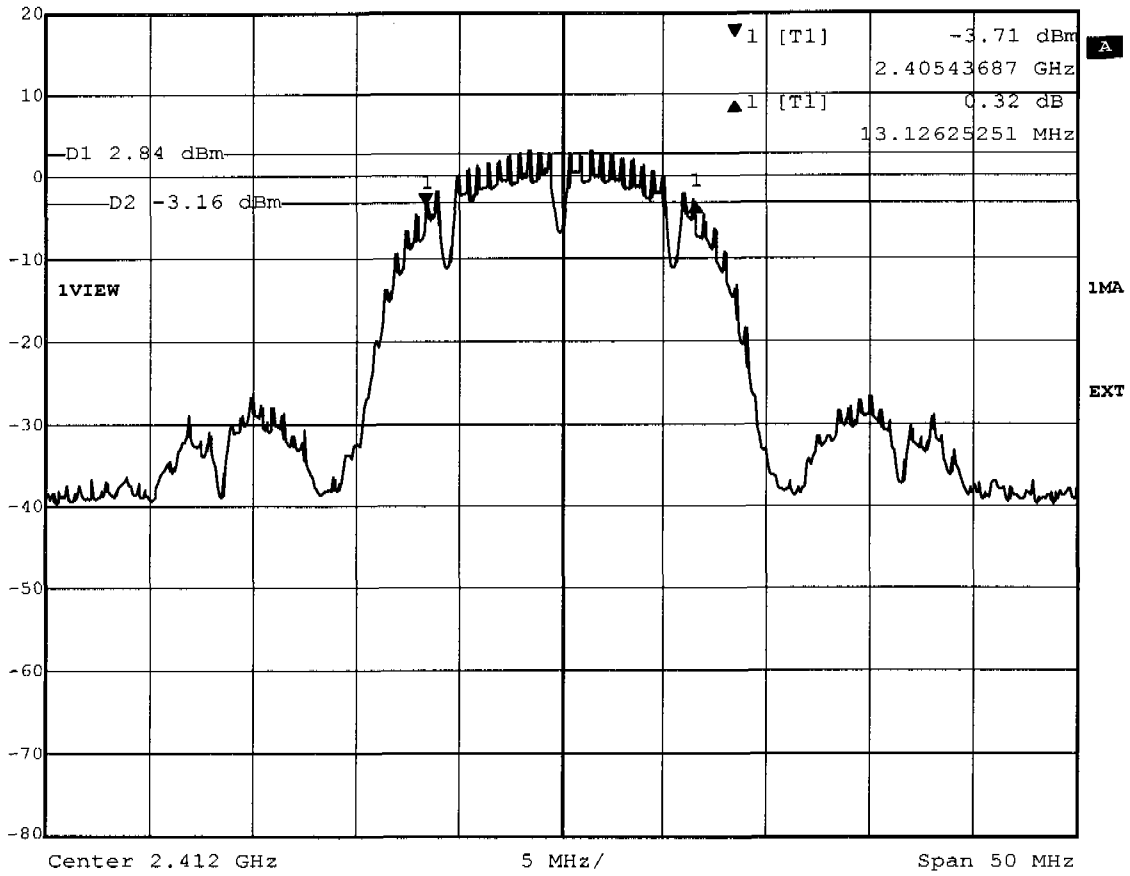


## Appendix E

Maximum 6 dB Bandwidth



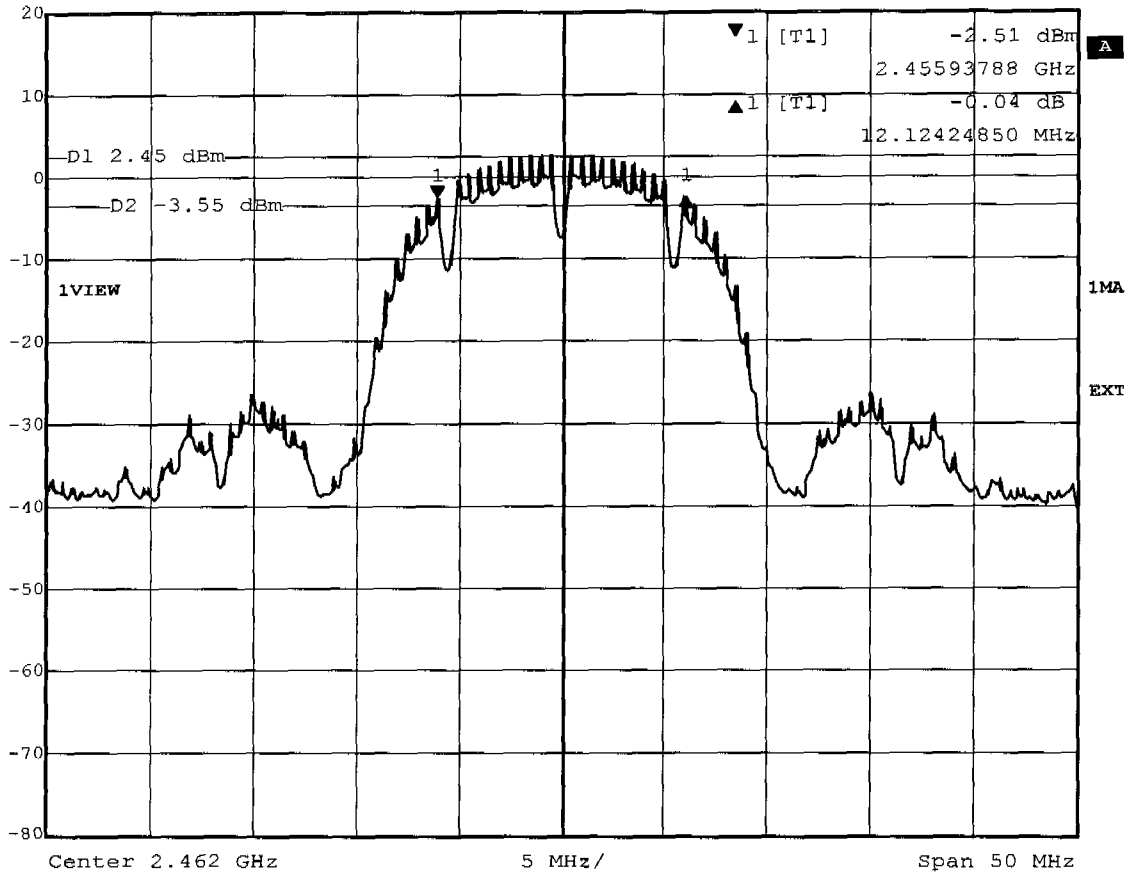
Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl 0.32 dB VBW 1 MHz  
20 dBm 13.12625251 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 1Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 10:52:15



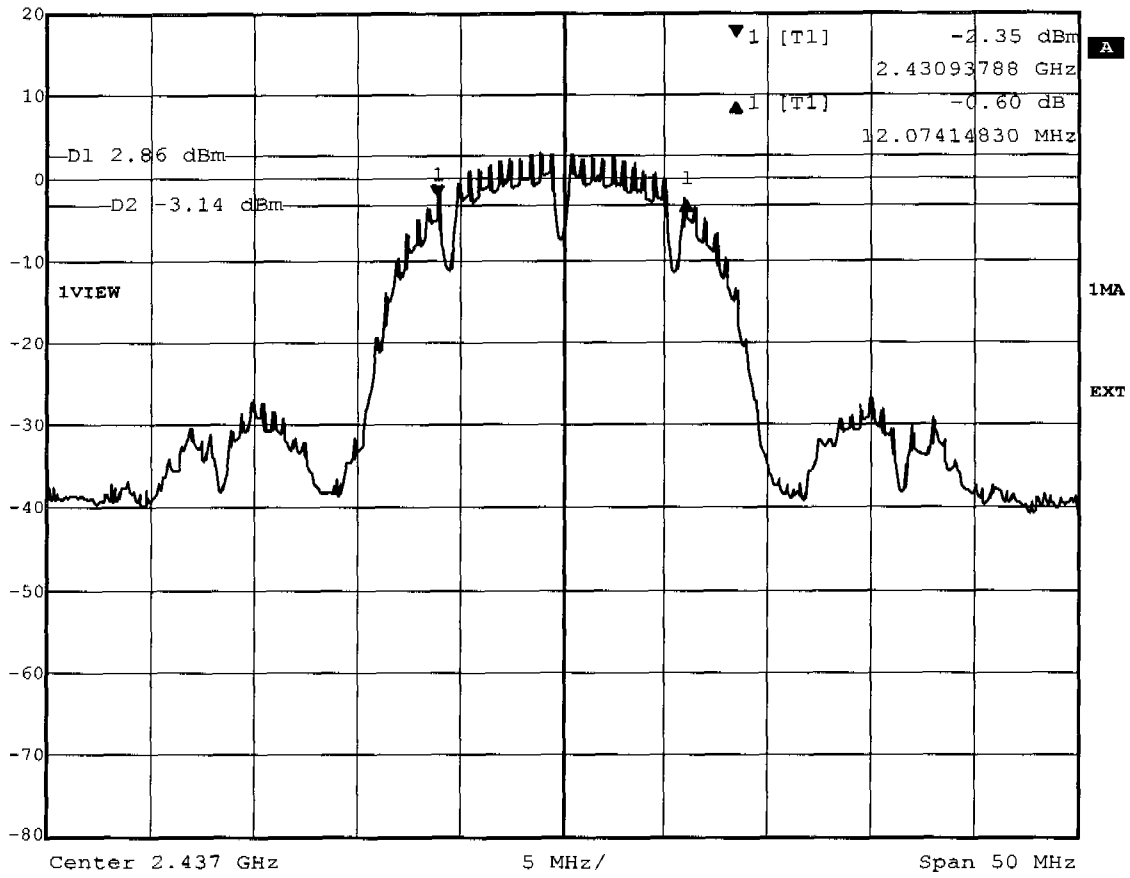
Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl -0.04 dB VBW 1 MHz  
20 dBm 12.12424850 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 1Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:02:17



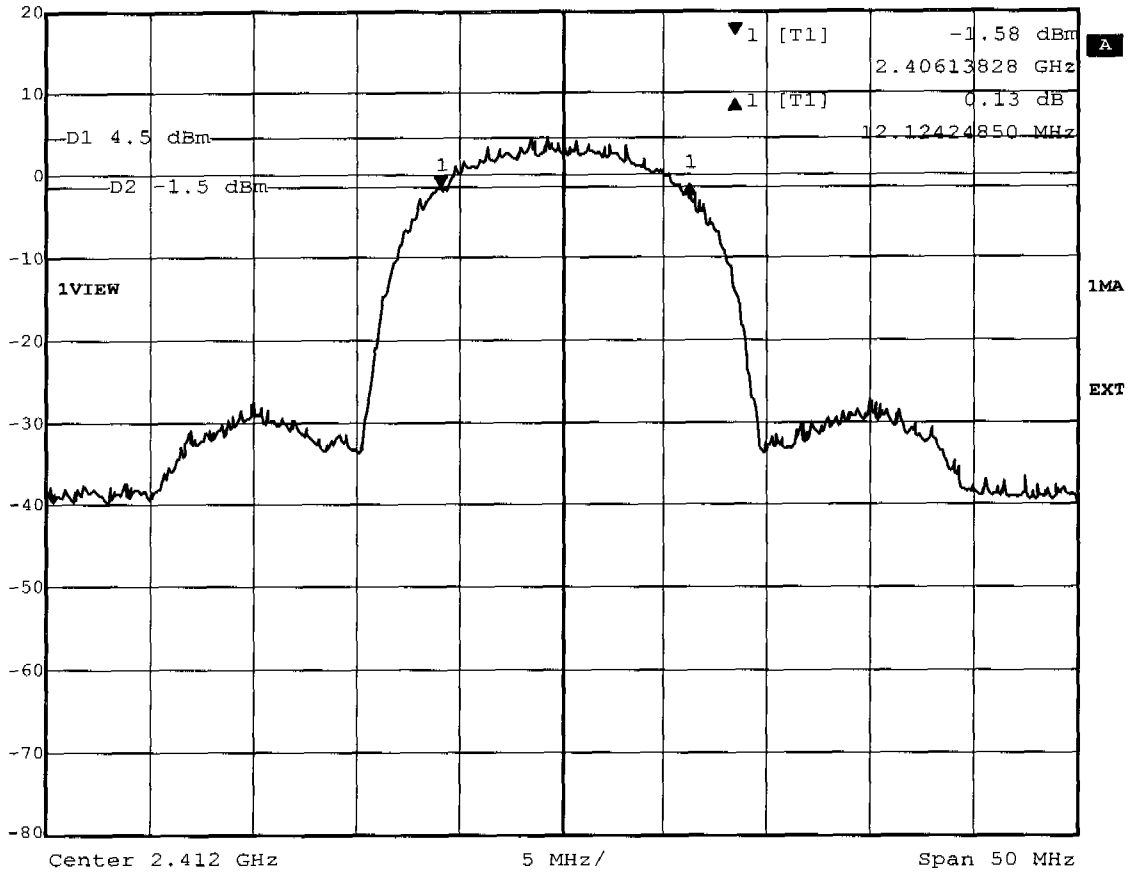
Delta 1 [T1]      RBW 100 kHz      RF Att 50 dB  
Ref Lvl -0.60 dB      VBW 1 MHz  
20 dBm      12.07414830 MHz      SWT 12.5 ms      Unit dBm



Title: Minimum 6dB Bandwidth 1Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 10:59:26



Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl 0.13 dB VBW 1 MHz  
20 dBm 12.12424850 MHz SWT 12.5 ms Unit dBm

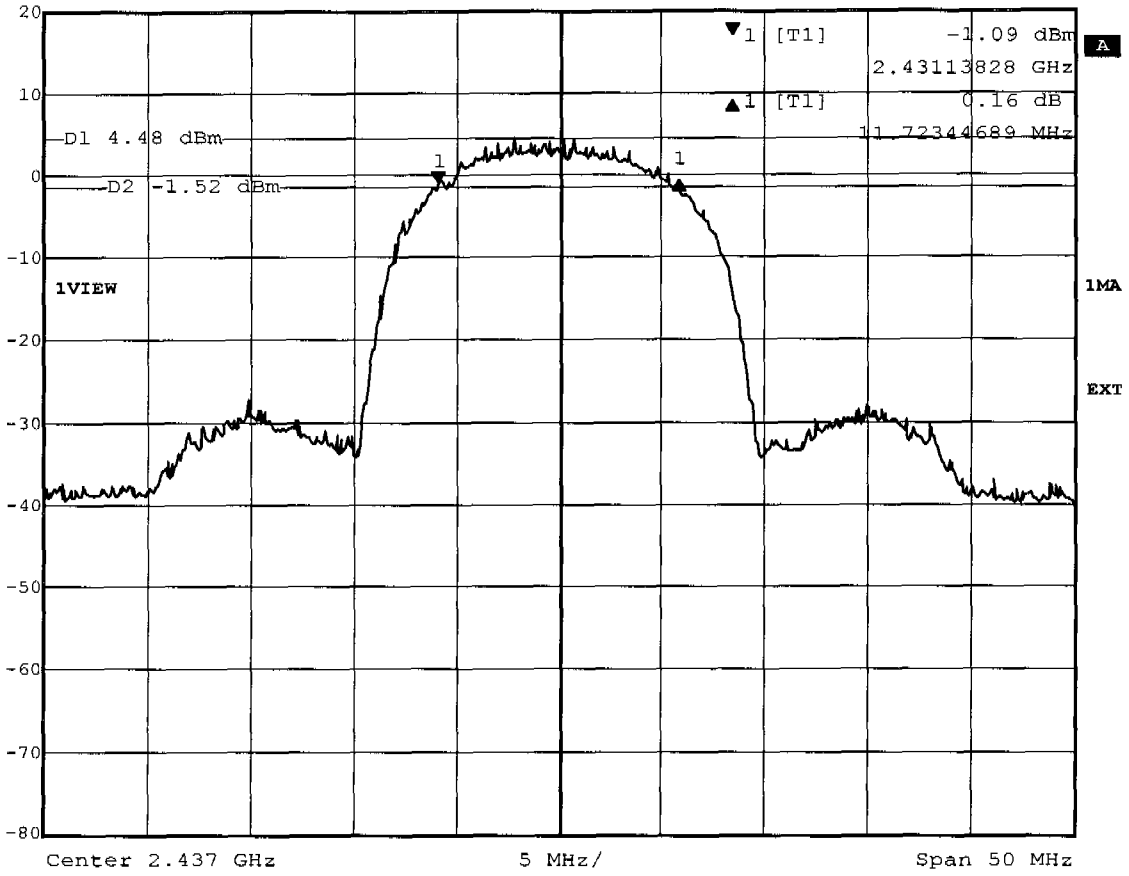


Title: Minimum 6dB Bandwidth 11Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:28:07





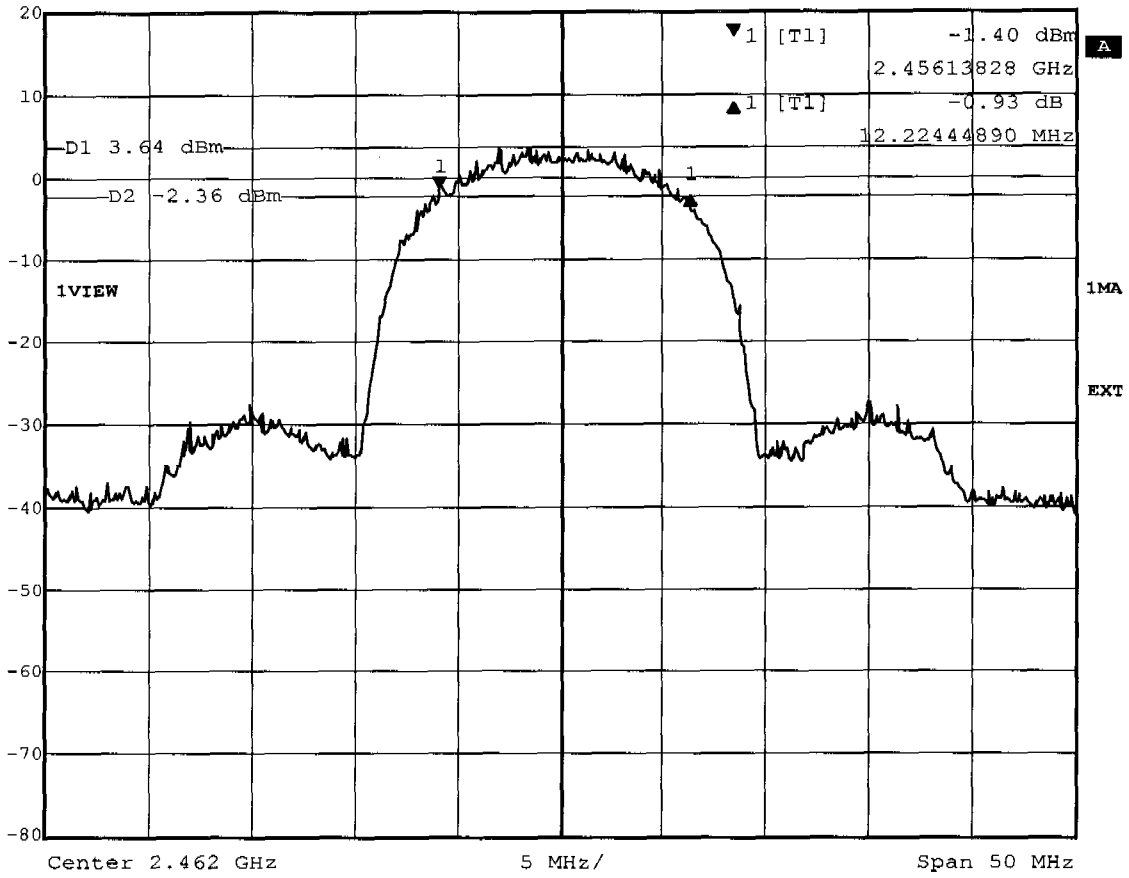
Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl 0.16 dB VBW 1 MHz  
20 dBm 11.72344689 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 11Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:30:29



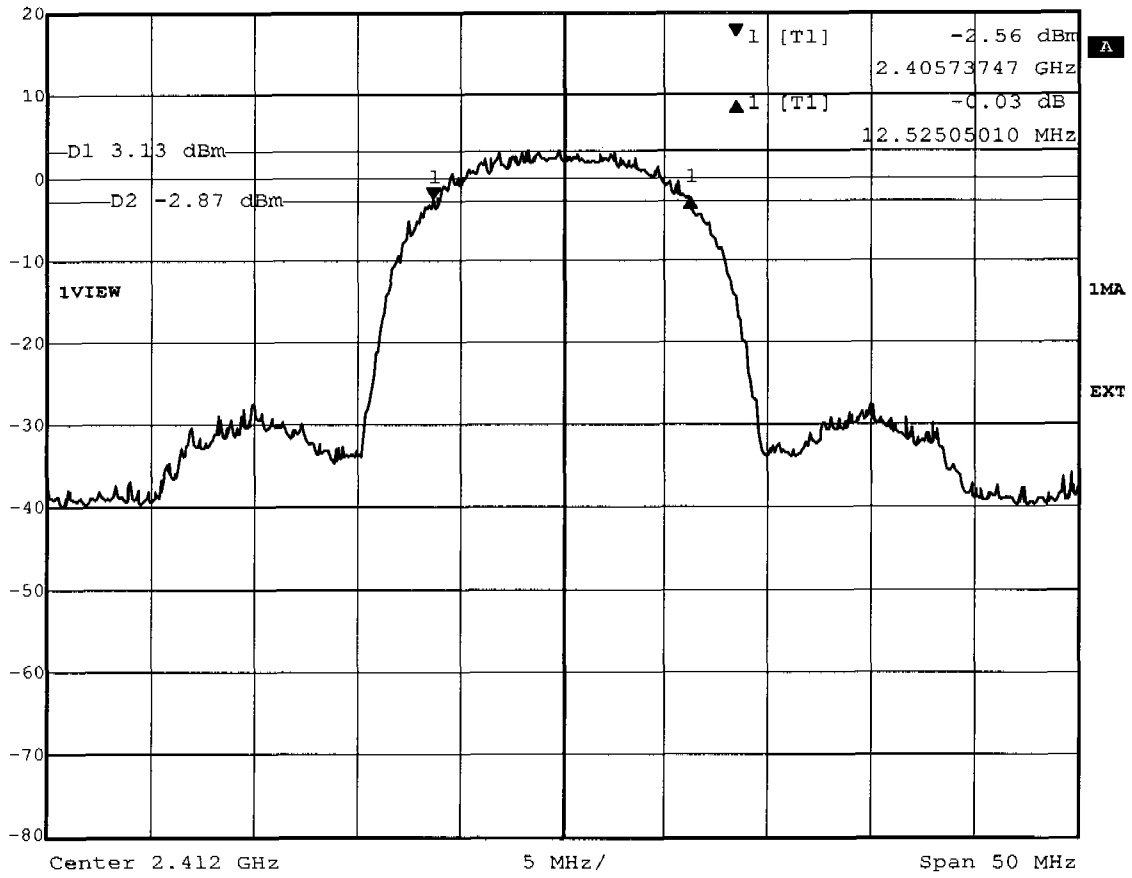
Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl -0.93 dB VBW 1 MHz  
20 dBm 12.22444890 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 11Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:32:14



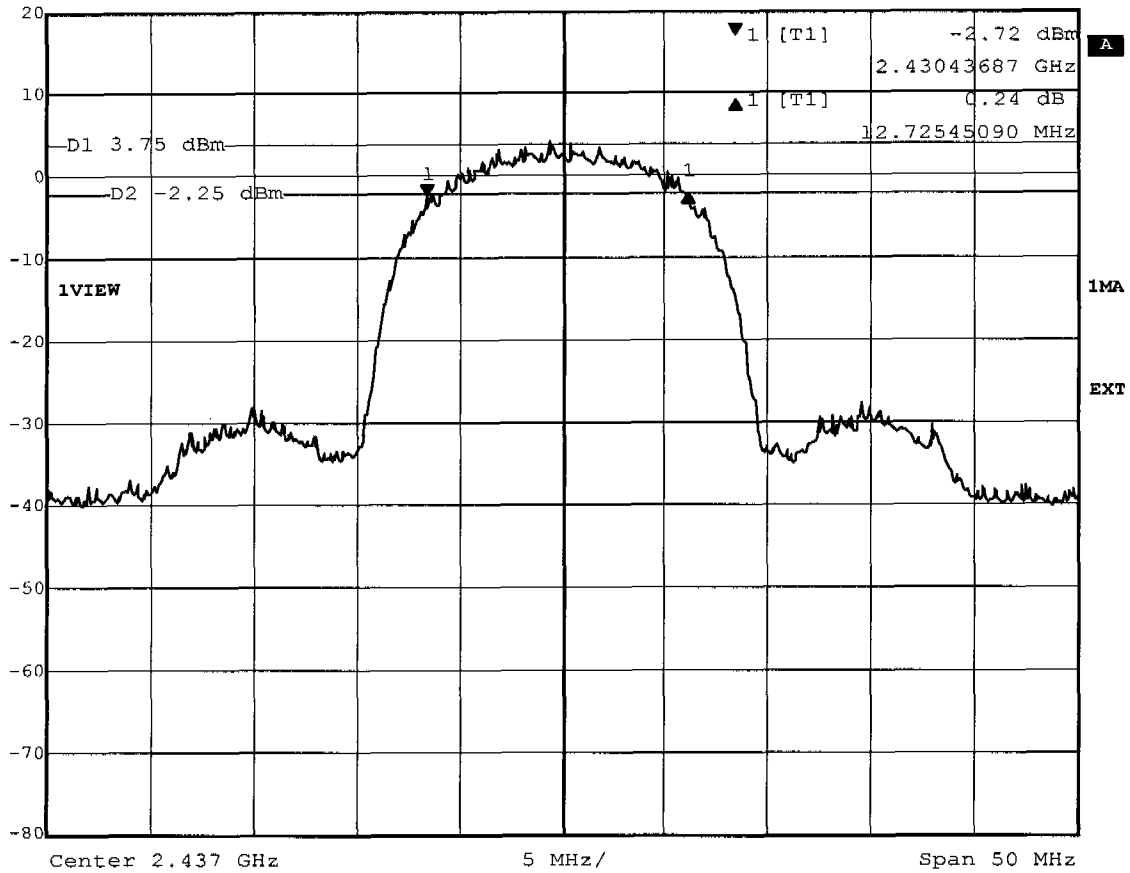
Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl -0.03 dB VBW 1 MHz  
20 dBm 12.52505010 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 22Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:37:30



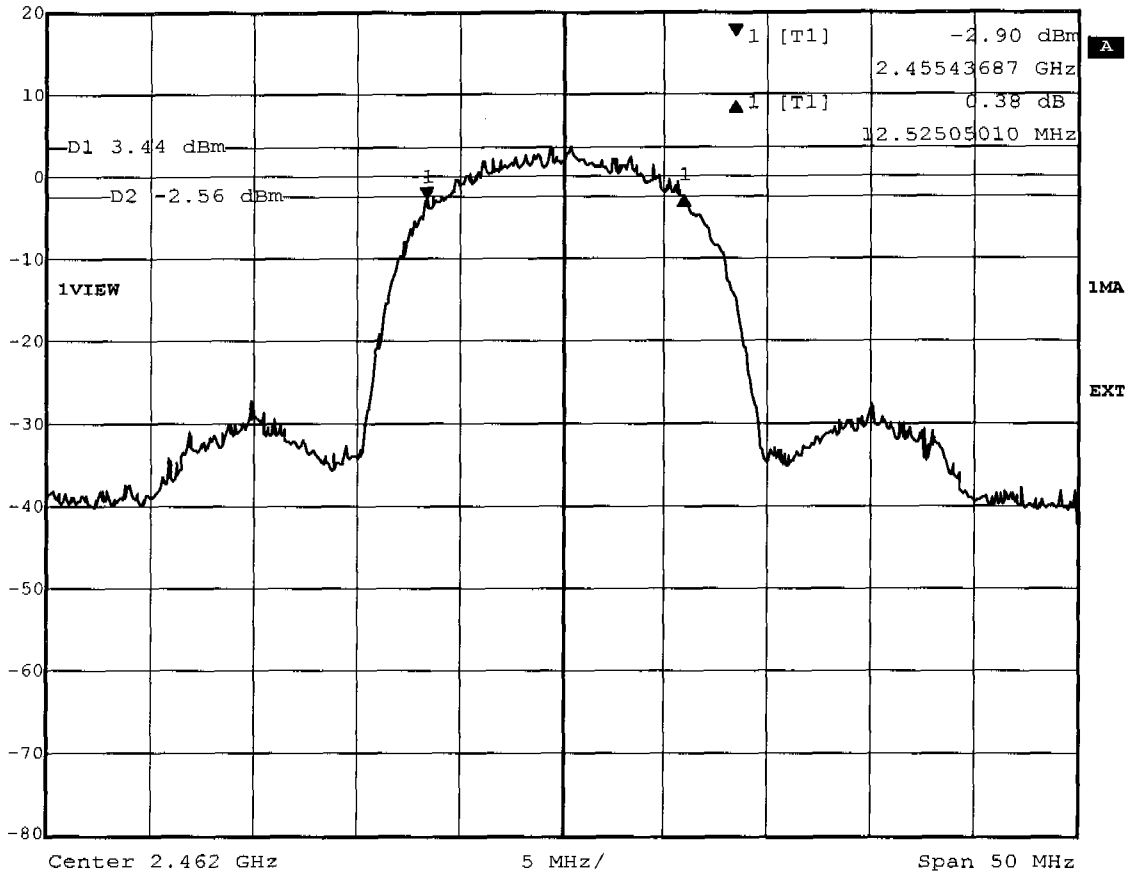
Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl 0.24 dB VBW 1 MHz  
20 dBm 12.72545090 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 22Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:39:02



Delta 1 [T1] RBW 100 kHz RF Att 50 dB  
Ref Lvl 0.38 dB VBW 1 MHz  
20 dBm 12.52505010 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6dB Bandwidth 22Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 11:40:31

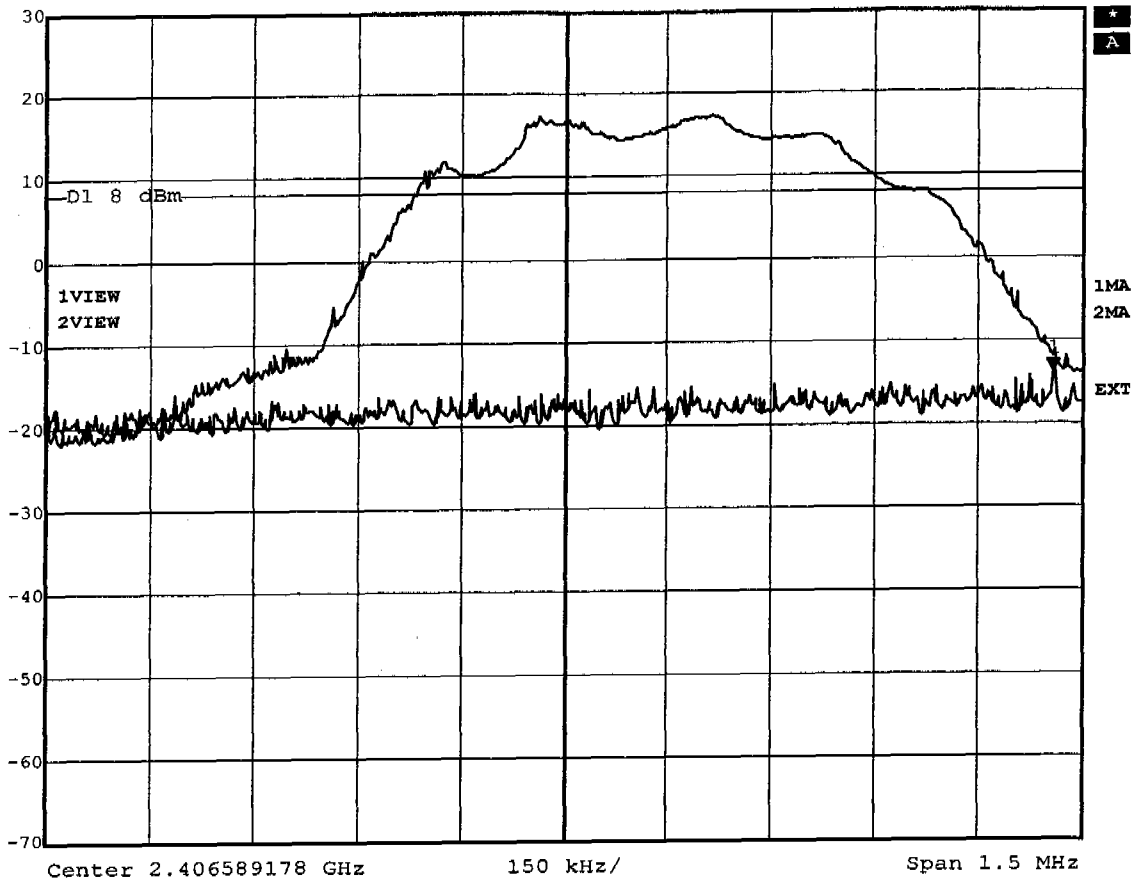


## Appendix F

Peak Power Spectral Density



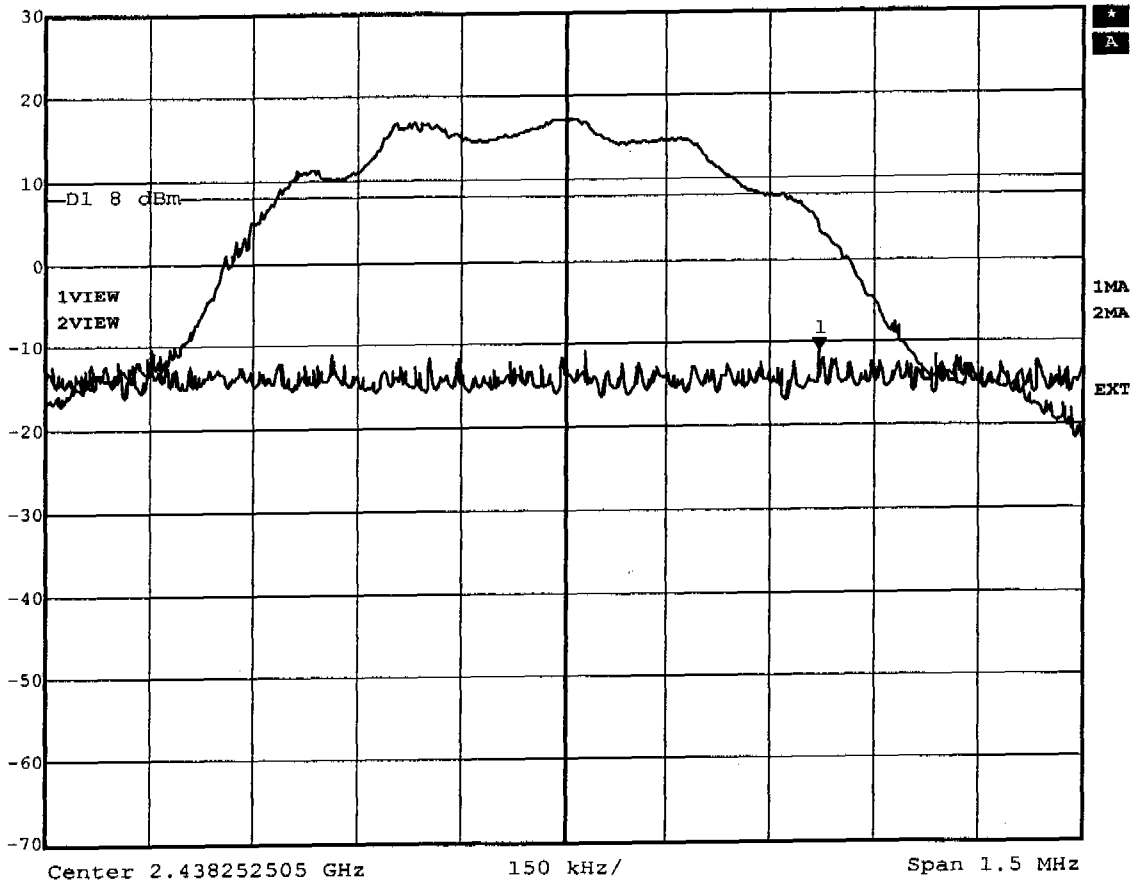
Marker 1 [T2] RBW 3 kHz RF Att 50 dB  
Ref Lvl -13.81 dBm VBW 100 kHz  
30 dBm - 2.40729709 GHz SWT 500 s Unit dBm



Title: Power Spectral Density PBCC 11Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 12:44:45



Marker 1 [T2] RBW 3 kHz RF Att 50 dB  
Ref Lvl -11.09 dBm VBW 100 kHz  
30 dBm 2.43862375 GHz SWT 500 s Unit dBm

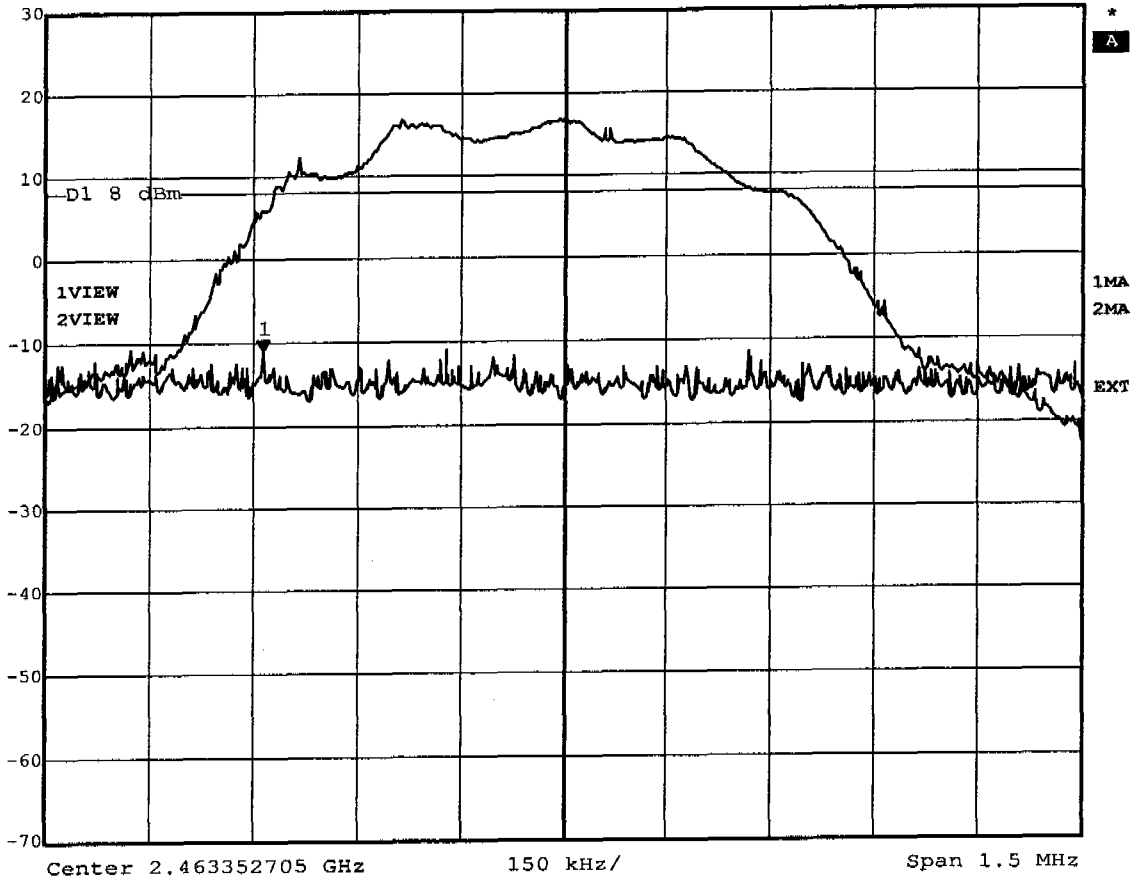


Title: Power Spectral Density PBCC 11Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 13:05:33





Marker 1 [T2] RBW 3 kHz RF Att 50 dB  
Ref Lvl -11.01 dBm VBW 100 kHz  
30 dBm 2.46291834 GHz SWT 500 s Unit dBm



Title: Power Spectral Density PBCC 11Mb/s  
Comment A: HSTNH-C01C  
Date: 12.DEC.2003 12:49:30

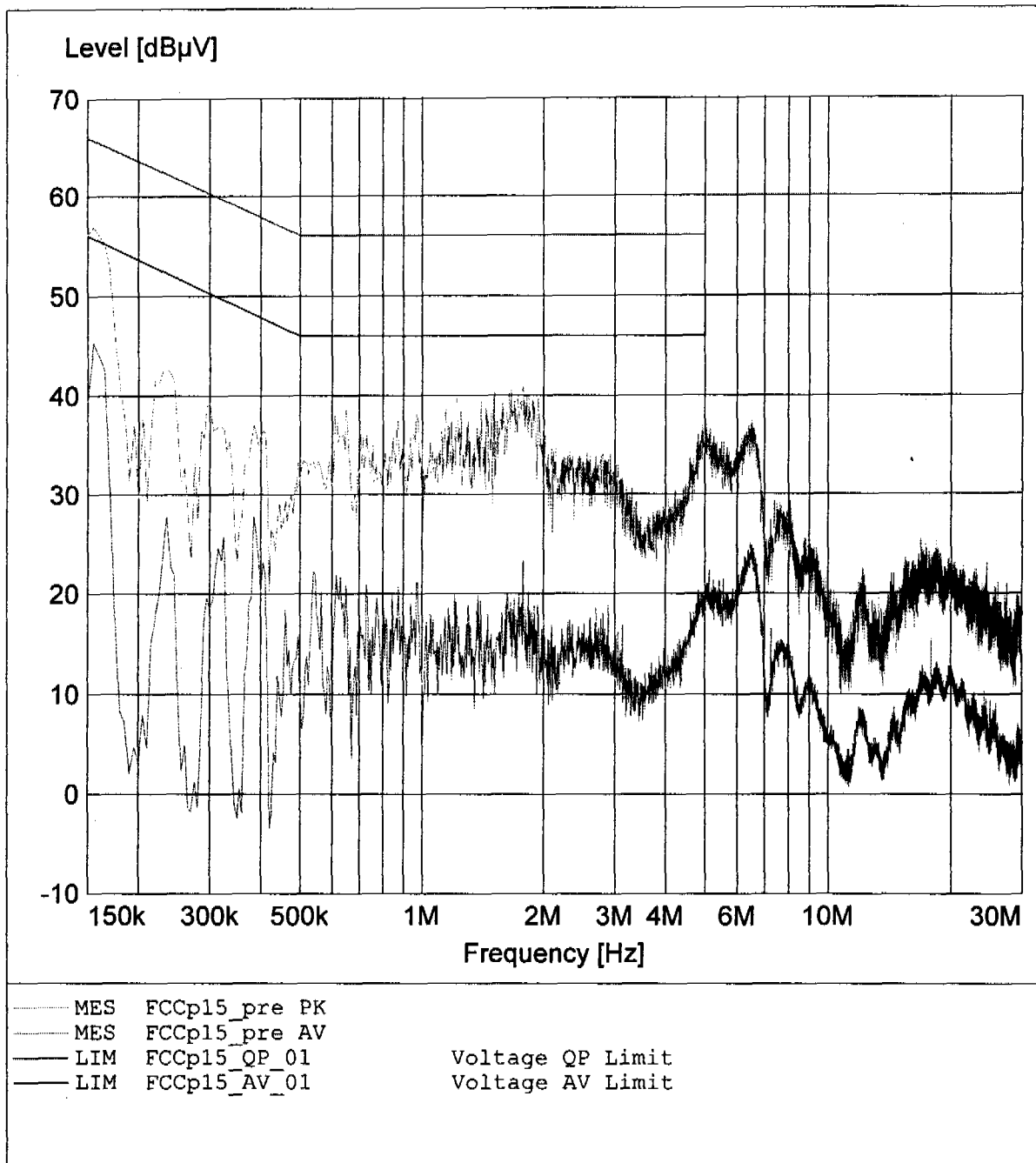


## Appendix G

Conducted Emission at (AC) Power Line

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

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
 Manufacturer: COMPAL ELECTRONICS, INC.  
 Operating Condition: Unom: 120 VAC (AC/DC-adaptor ADP-10SB REV.BH) Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Marquardt  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: HSTNH-C01C mode: GSM + BT + WLAN link  
 charger + headset connected



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

EUT: PDA with Quad-Band GPRS/GSM+WLAN+BT  
Manufacturer: COMPAL ELECTRONICS, INC.  
Operating Condition: Unom: 120 VAC (AC/DC-adaptor ADP-10SB REV.BH) Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Marquardt  
Test Specification: V-Network: ESH2-25 (N)  
Comment: model: HSTNH-C01C mode: GSM + BT + WLAN link  
charger + headset connected

