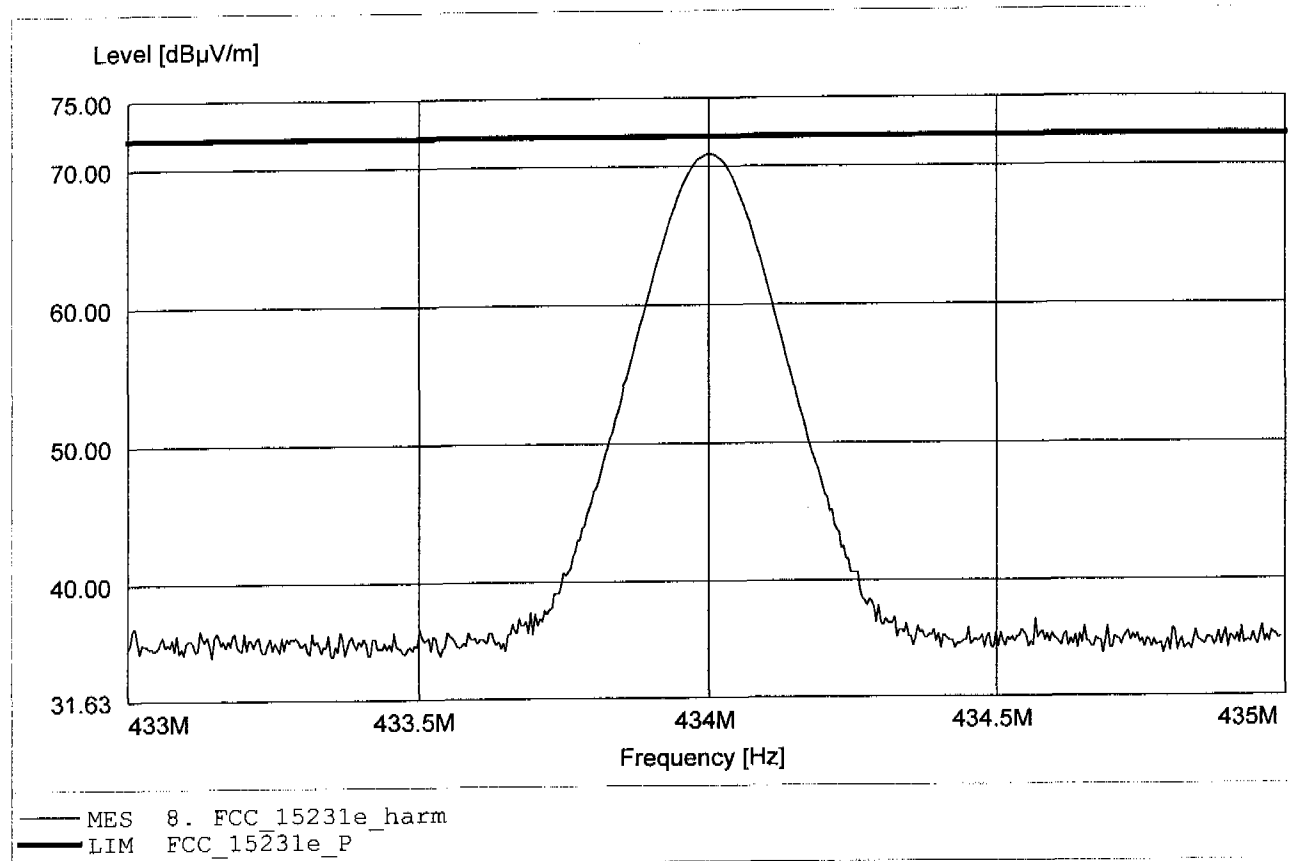


Appendix B

Output Power

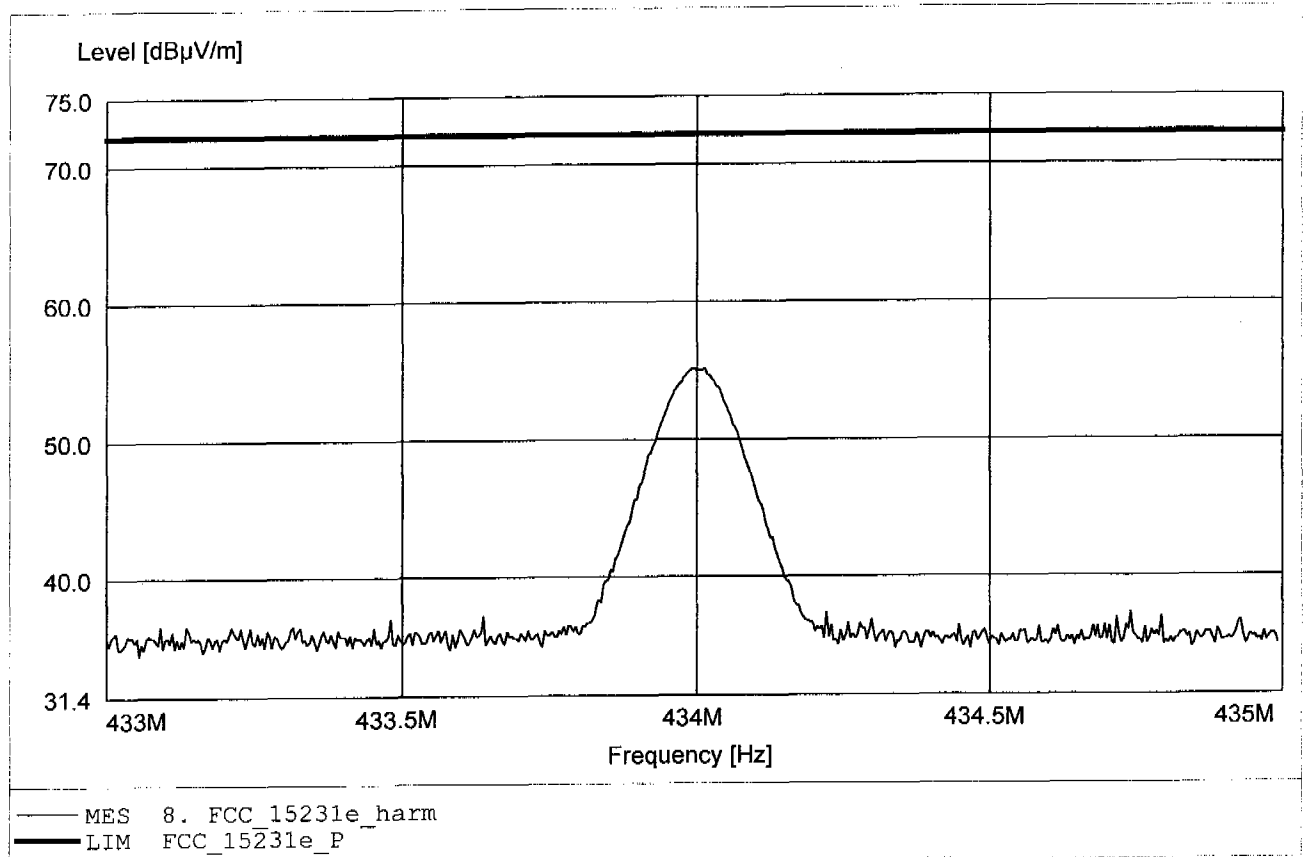
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.231e / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 434.002MHz, Emax: 70.91dBµV/m, RBW: 100kHz



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

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.231e / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 433.994MHz, Emax: 55.17dBµV/m, RBW: 100kHz

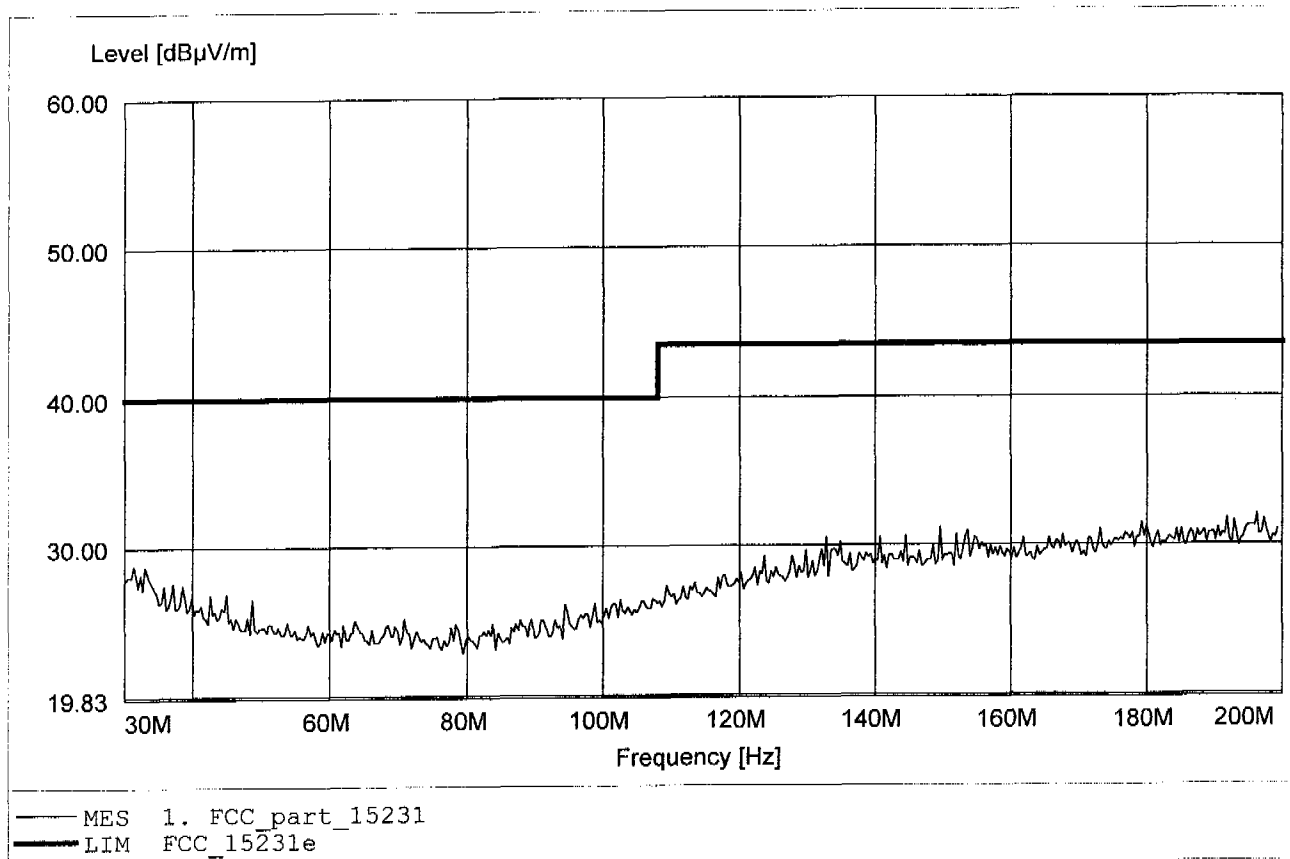


Appendix C

Spurious Emissions radiated, Transmitter

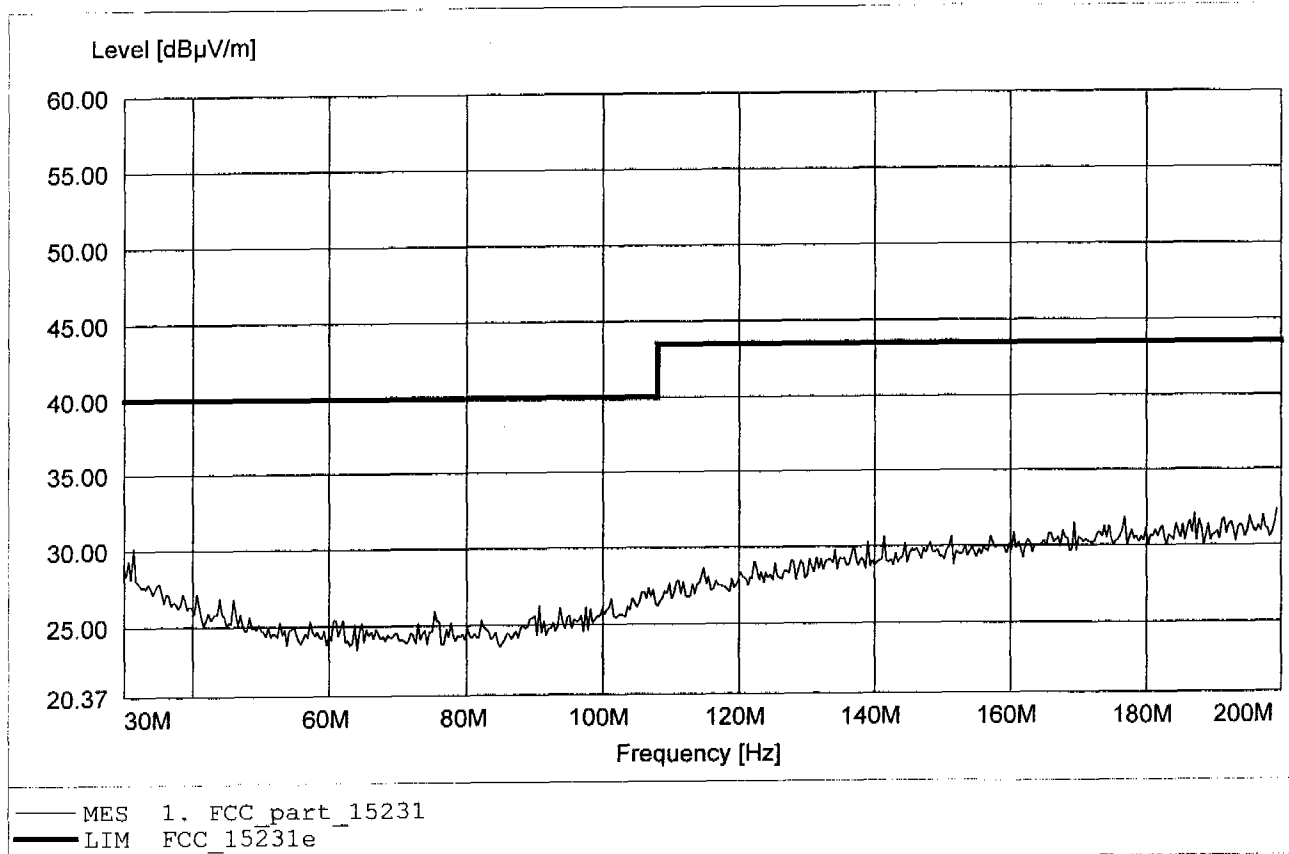
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.231e / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.253MHz, Emax: 32.01dBµV/m, RBW: 100kHz



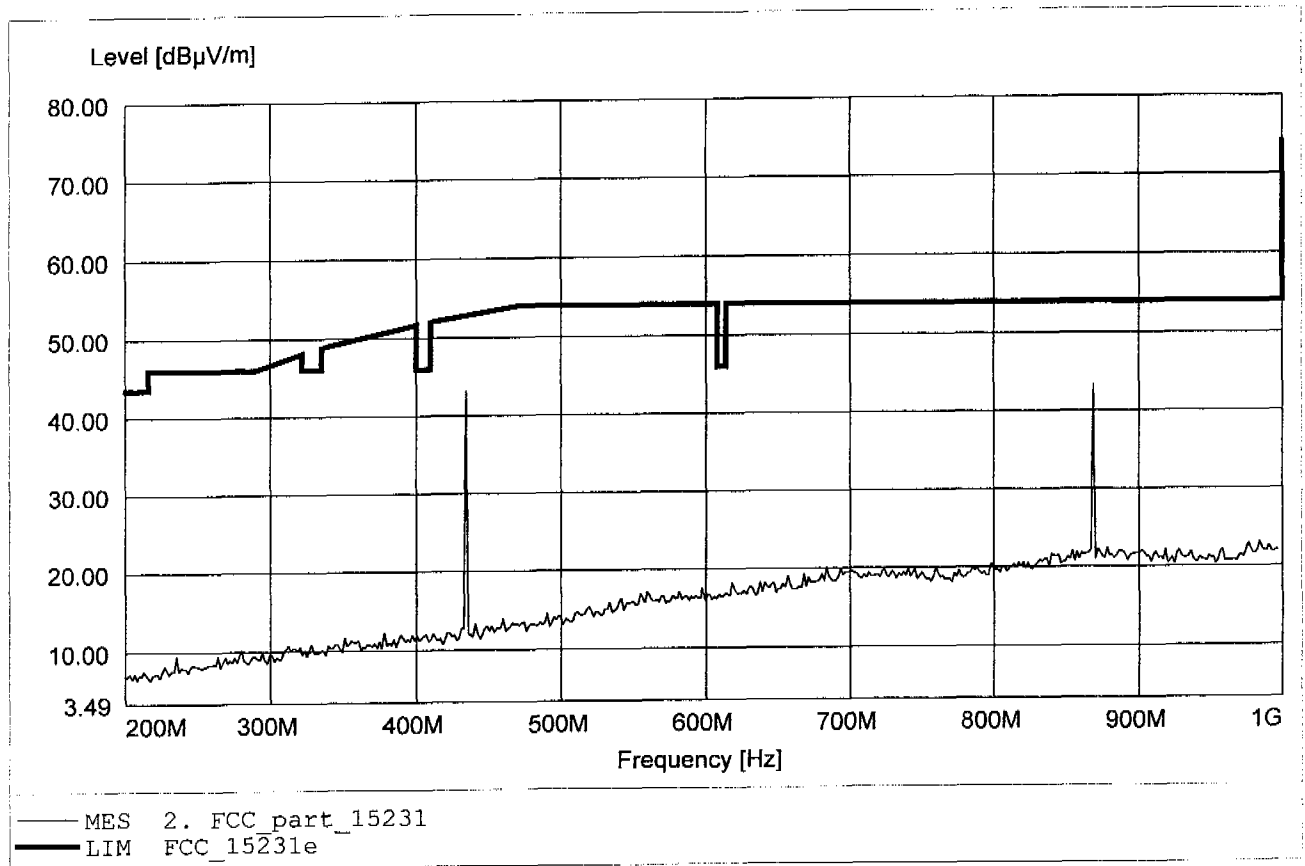
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.231e / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 199.319MHz, Emax: 32.33dBμV/m, RBW: 100kHz



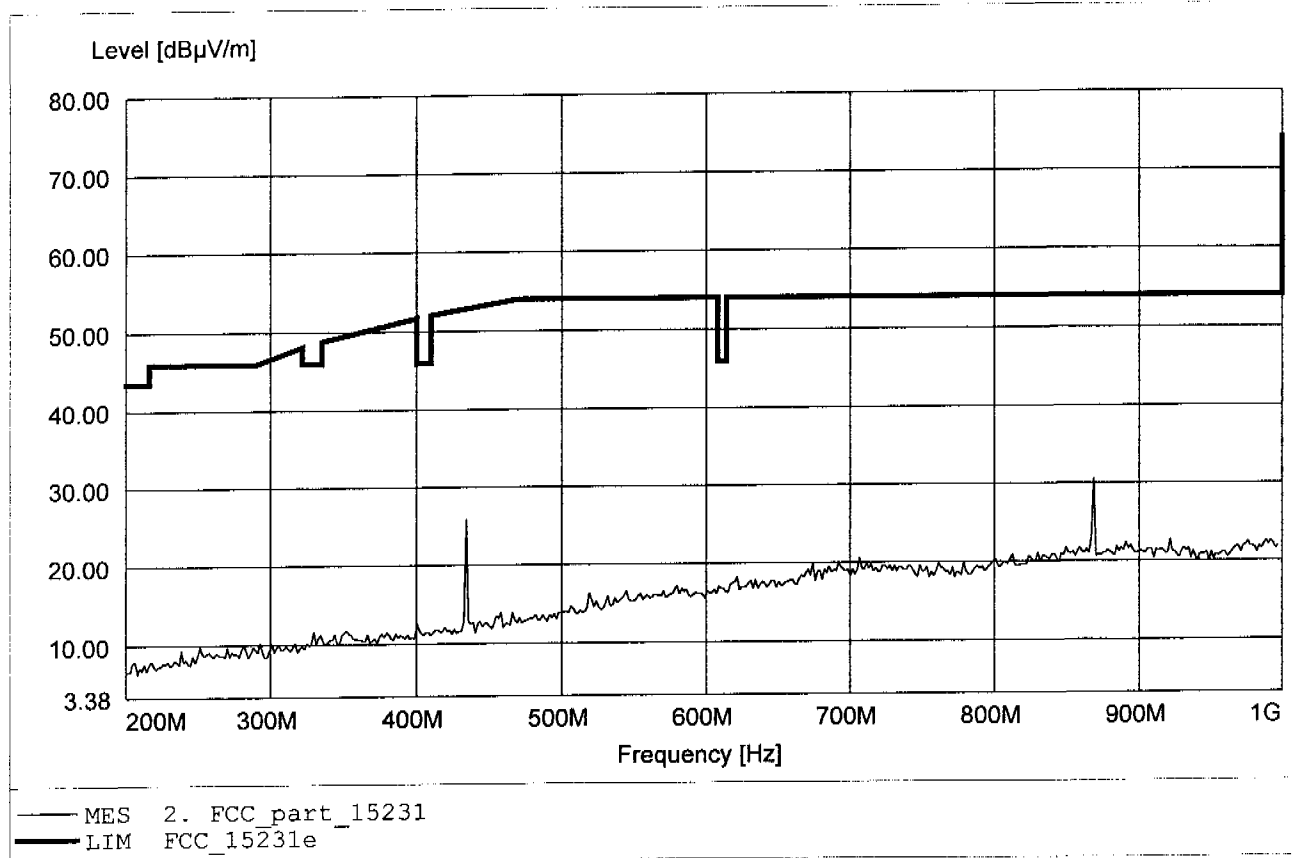
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.231e / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 868.537MHz, Emax: 43.41dBµV/m, RBW: 100kHz



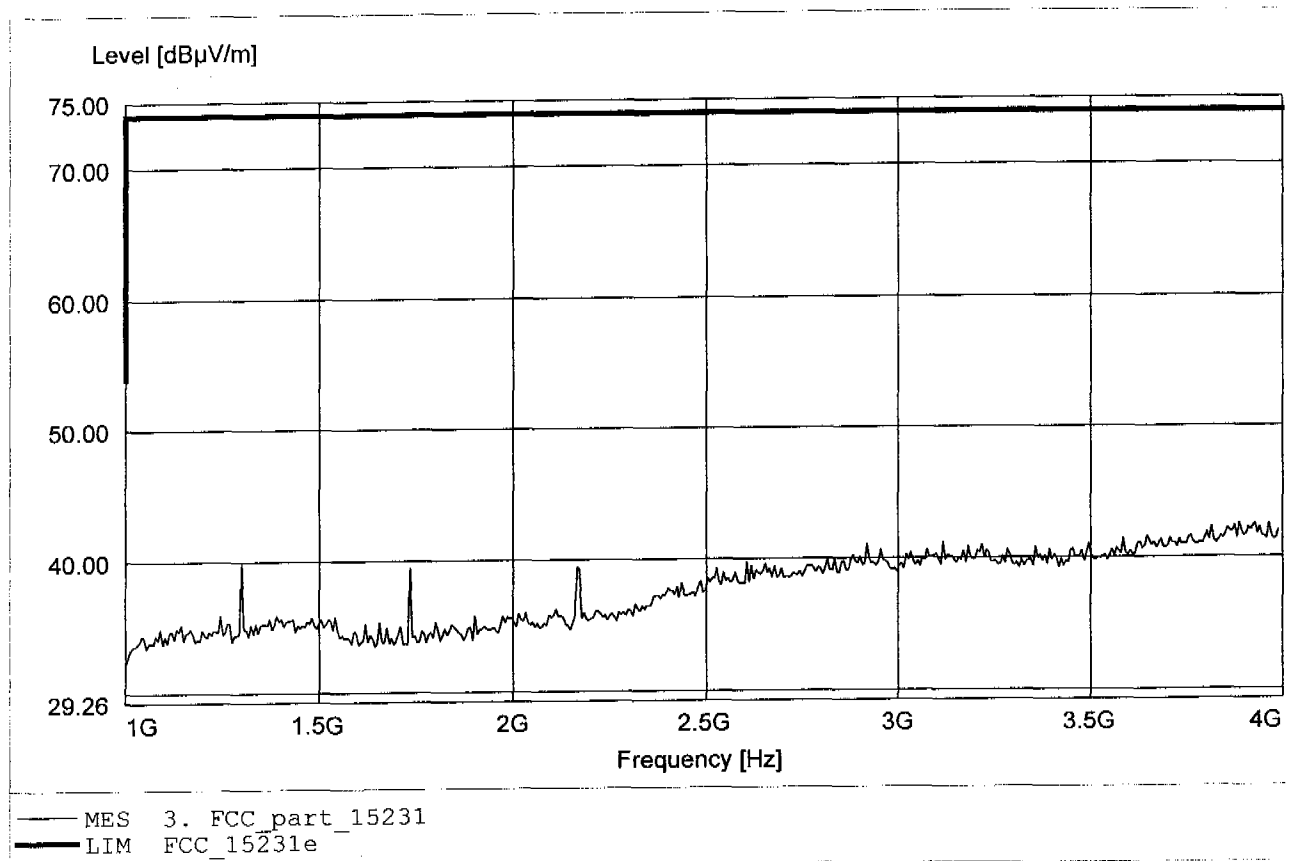
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.231e / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 868.537MHz, Emax: 30.50dBμV/m, RBW: 100kHz



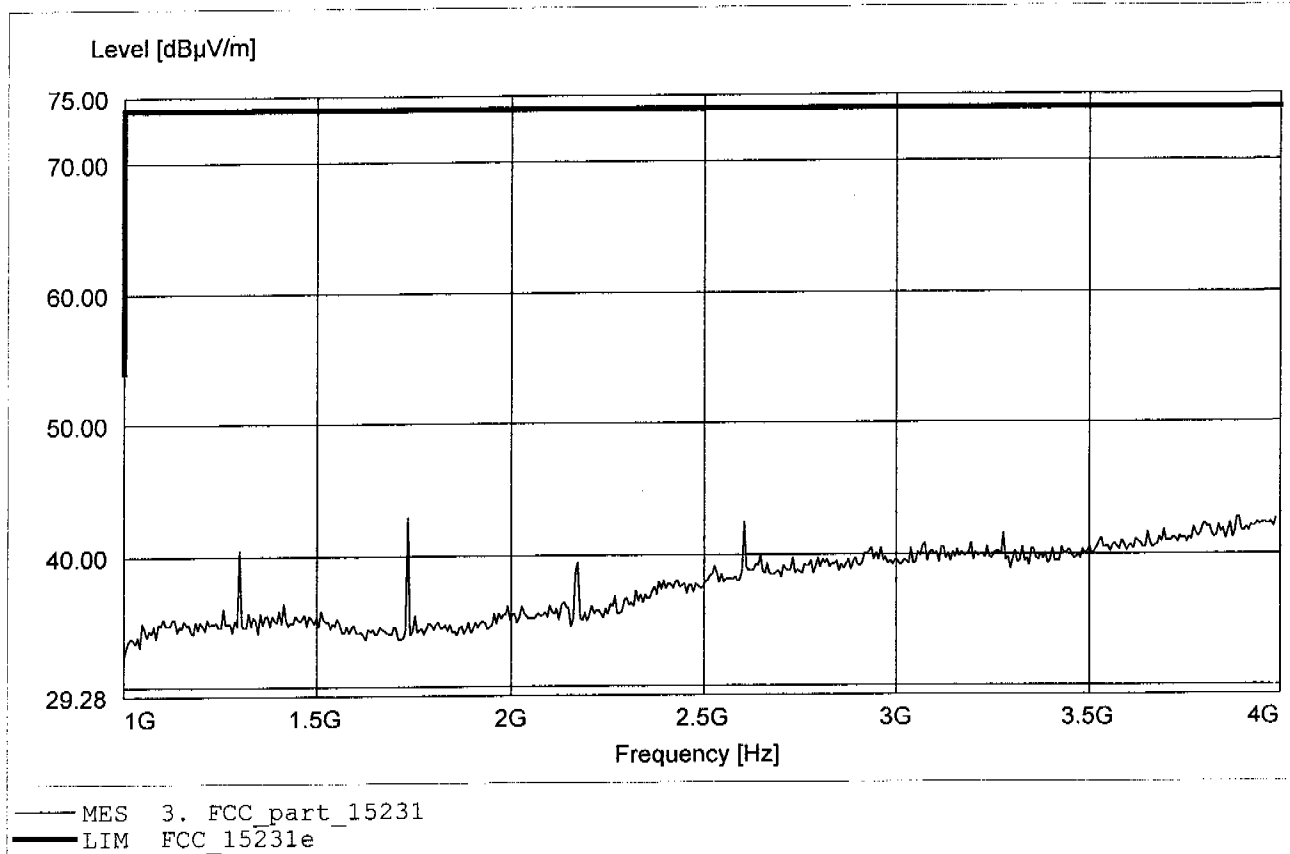
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15231e, Limit 20 dB up peak detector /mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 3.886GHz, Emax: 42.55dBμV/m, RBW: 1MHz



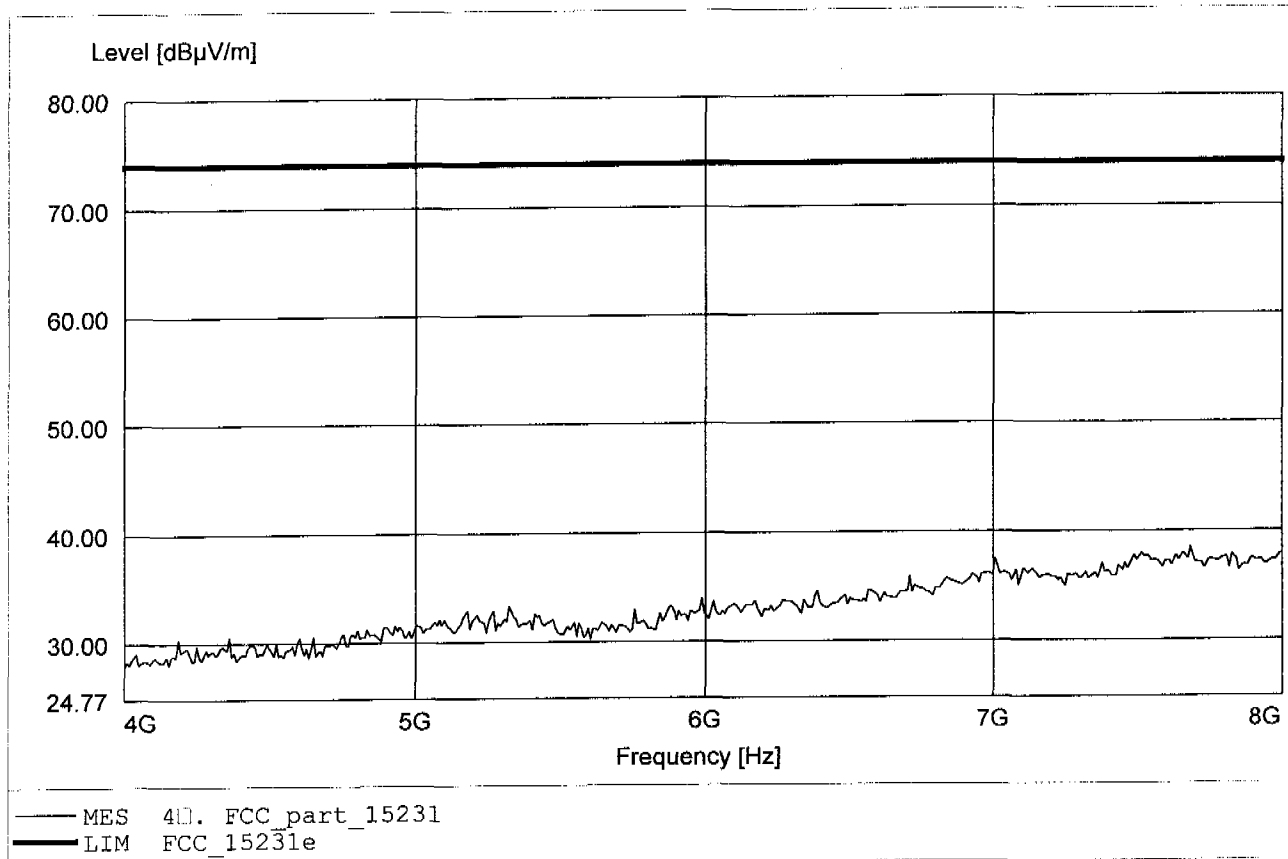
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15231e, Limit 20 dB up peak detector /mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 1.733GHz, Emax: 42.94dBμV/m, RBW: 1MHz



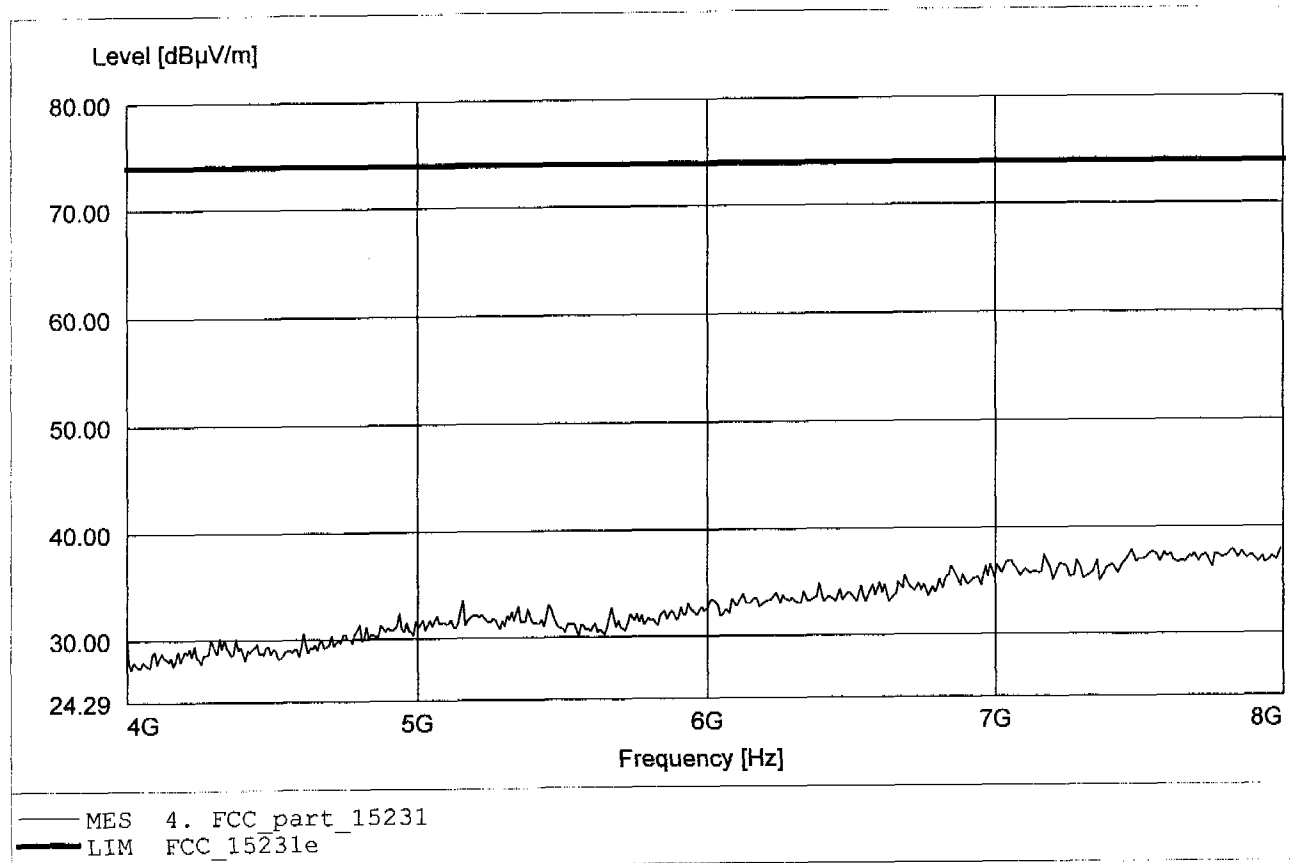
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15231e, Limit 20 dB up peak detector /mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 7.679GHz, Emax: 38.48dBµV/m, RBW: 1MHz



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

EUT : Weather Station
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 3.0 V DC (2x 1.5 V battery)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15231e, Limit 20 dB up peak detector /mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 7.992GHz, Emax: 37.90dBμV/m, RBW: 1MHz



Appendix D

Bandwidth



Ref Lvl

5 dBm

Marker 1 [T1]

-48.63 dBm

433.98121242 MHz

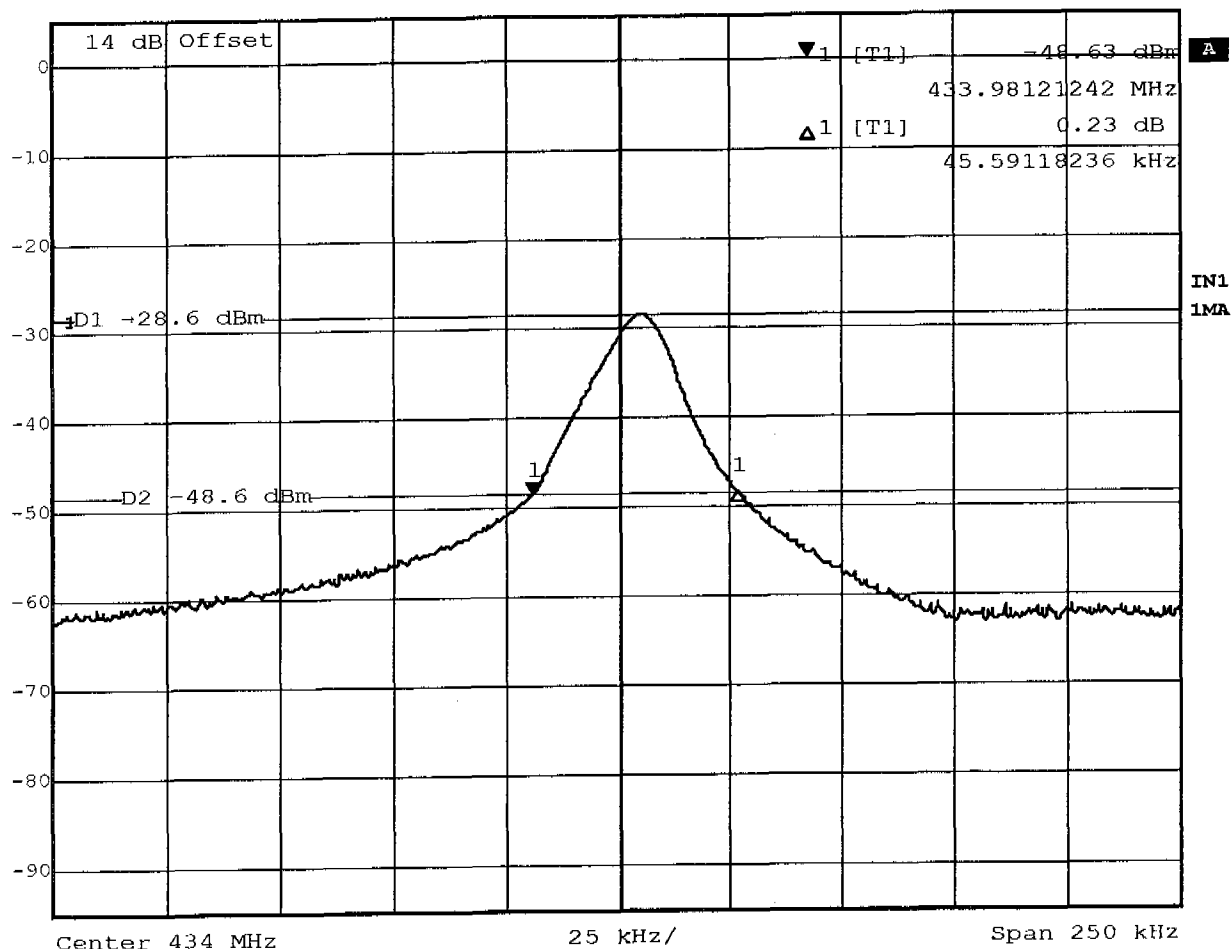
RBW 10 kHz

VBW 10 kHz

SWT 100 ms

RF Att 20 dB

Unit dBm



Title: -20 dB Bandwidth

Comment A: La Crosse Technology Ltd. WS-2310

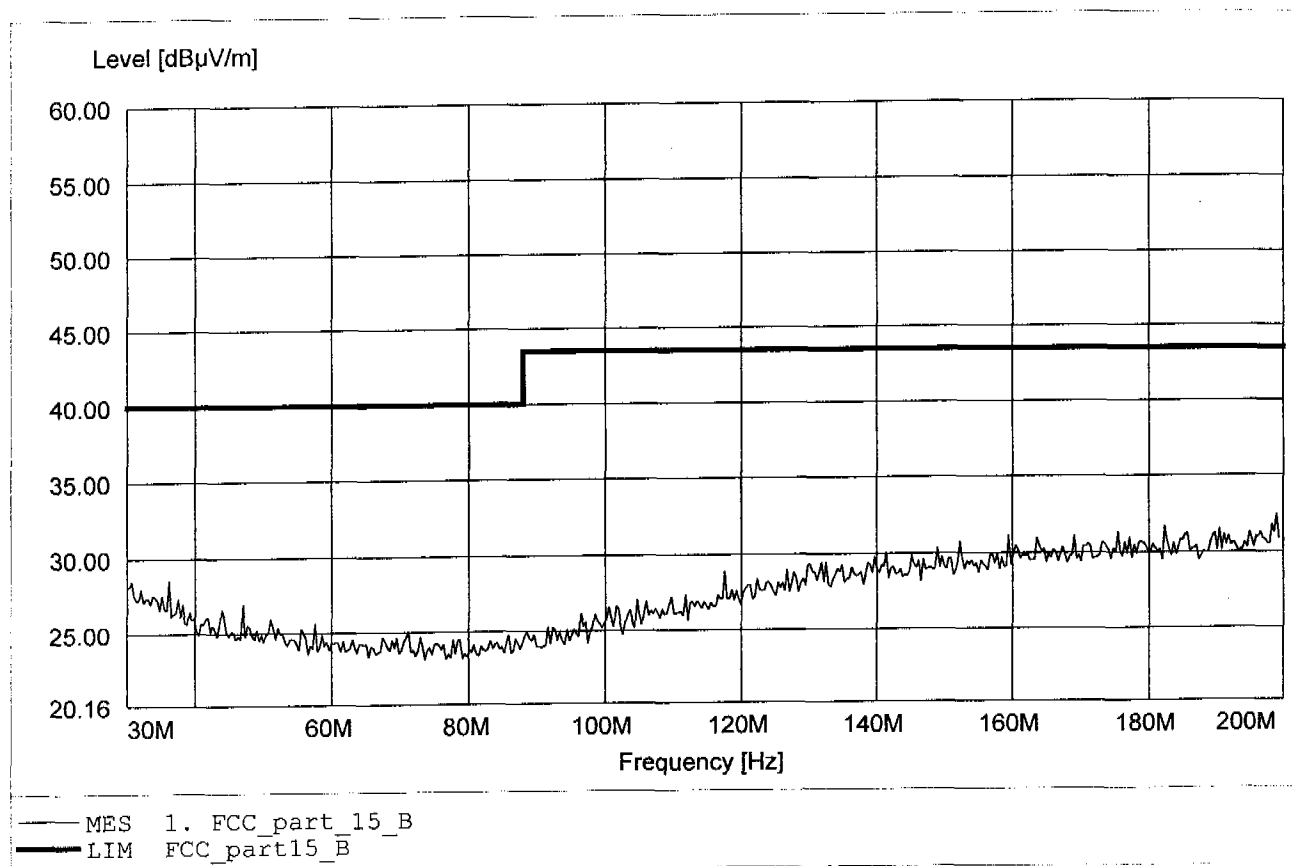
Date: 29.MAY.2002 14:11:56

Appendix E

Spurious Emissions radiated, Receiver

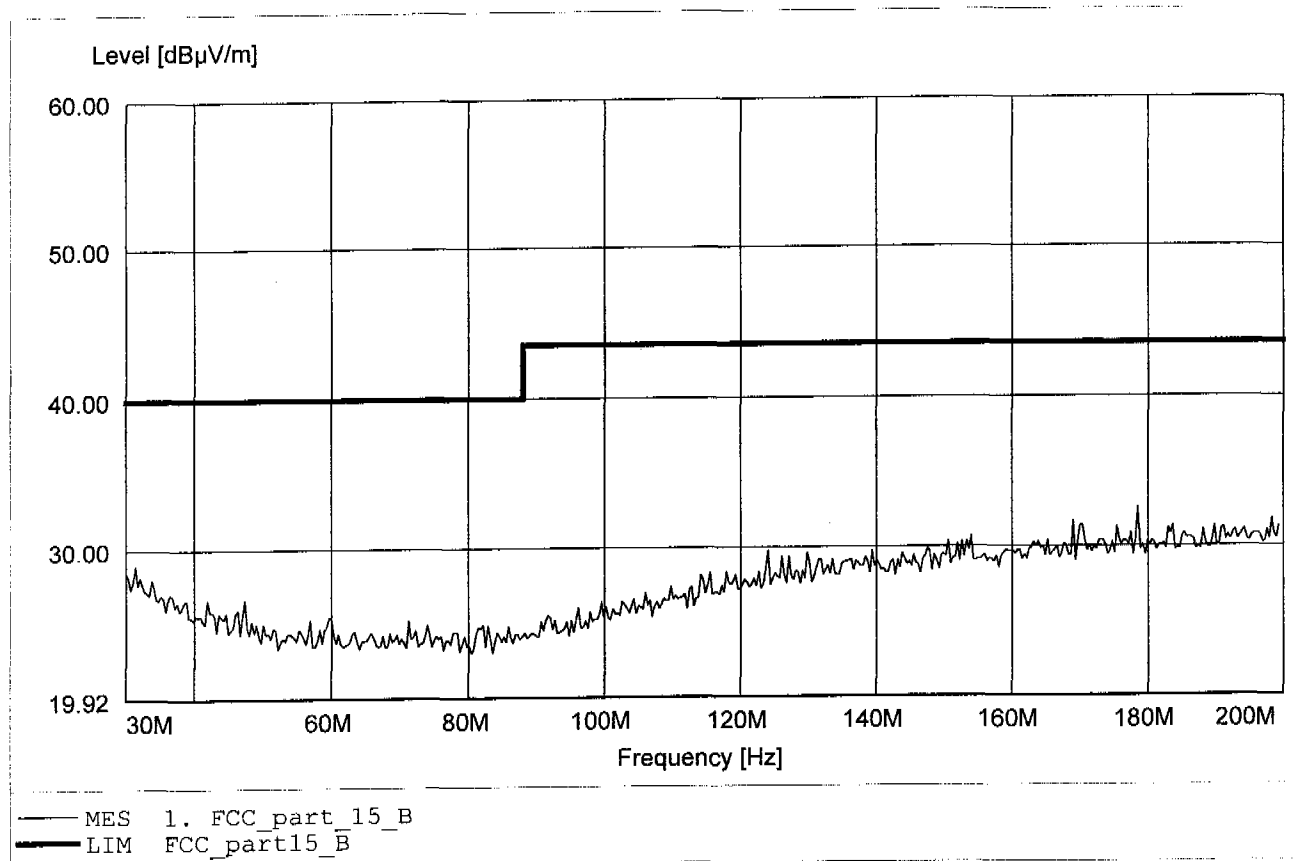
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:198.978MHz Emax:32.48dBμV/m RBW: 100 kHz



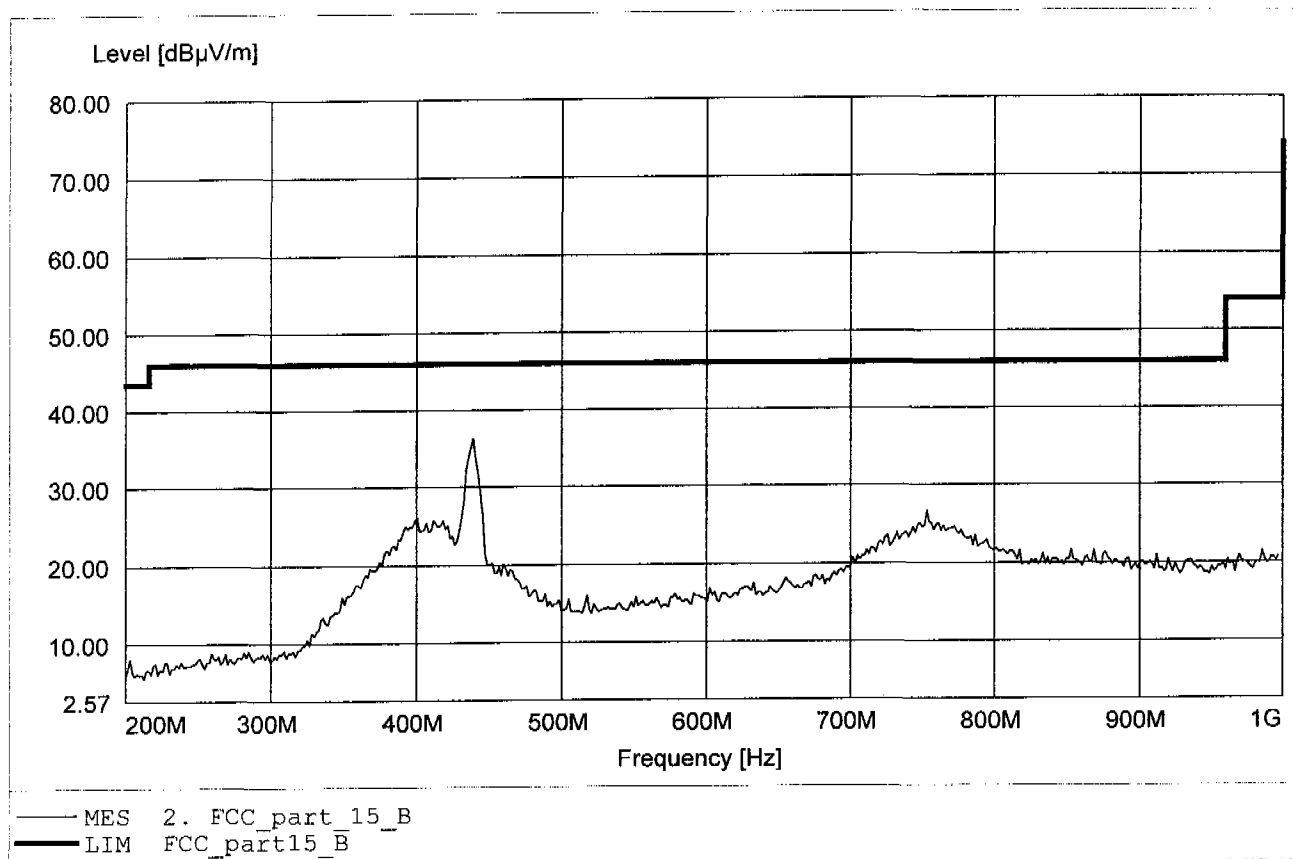
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:178.537MHz Emax:32.60dBμV/m RBW: 100 kHz



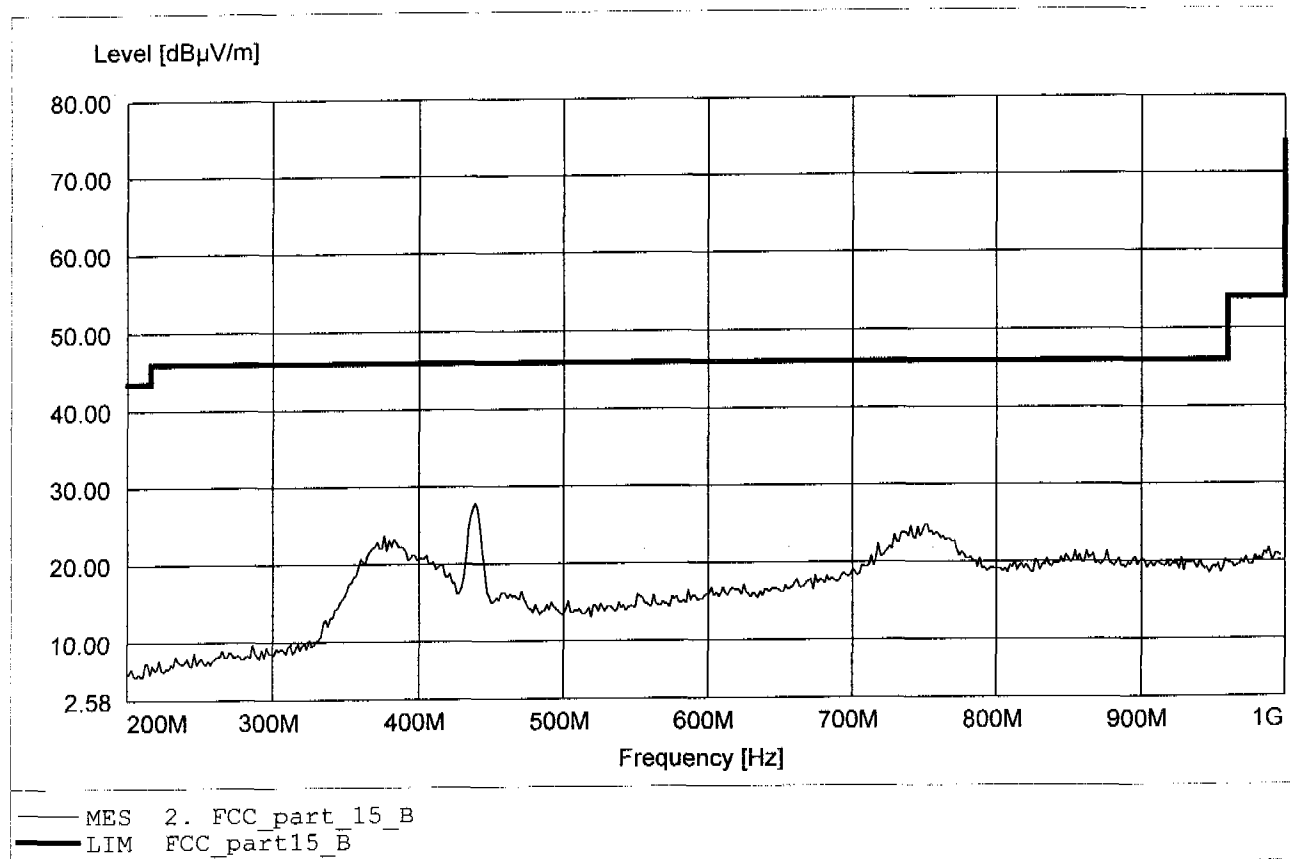
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:438.878MHz Emax:36.35dBμV/m RBW: 100 kHz



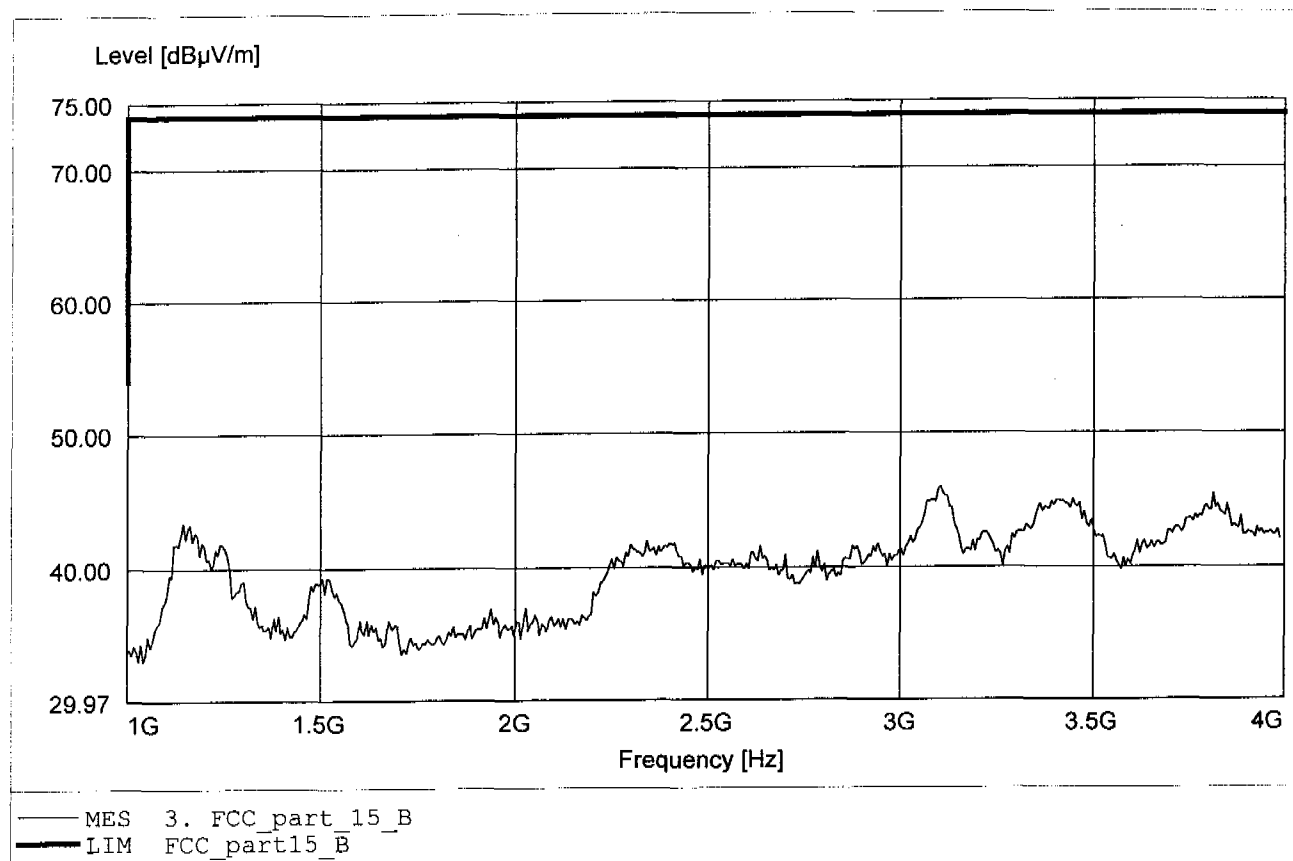
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:438.878MHz Emax:27.85dBμV/m RBW: 100 kHz



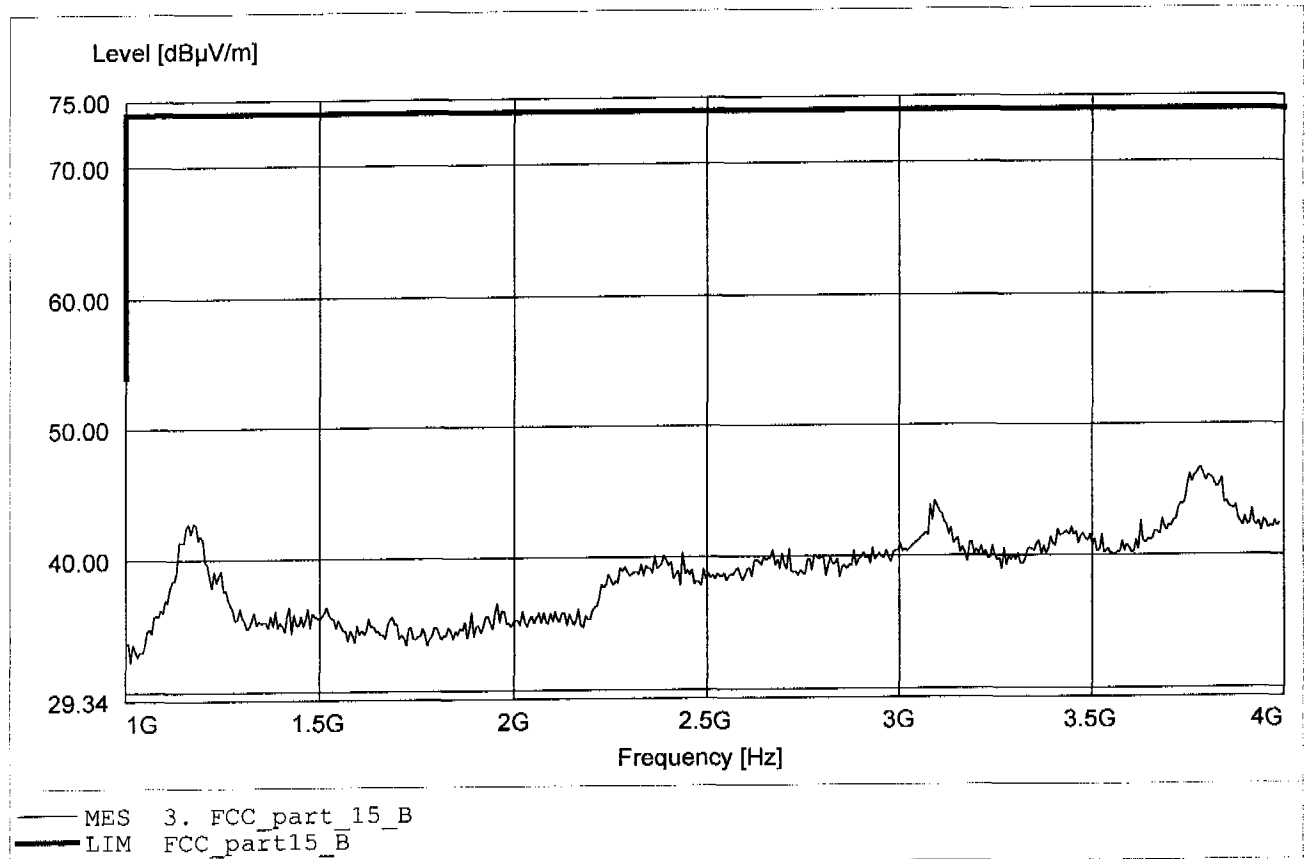
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.109, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.
Comment 2: Freq:3.104GHz Emax:45.94dBμV/m RBW: 1 MHz



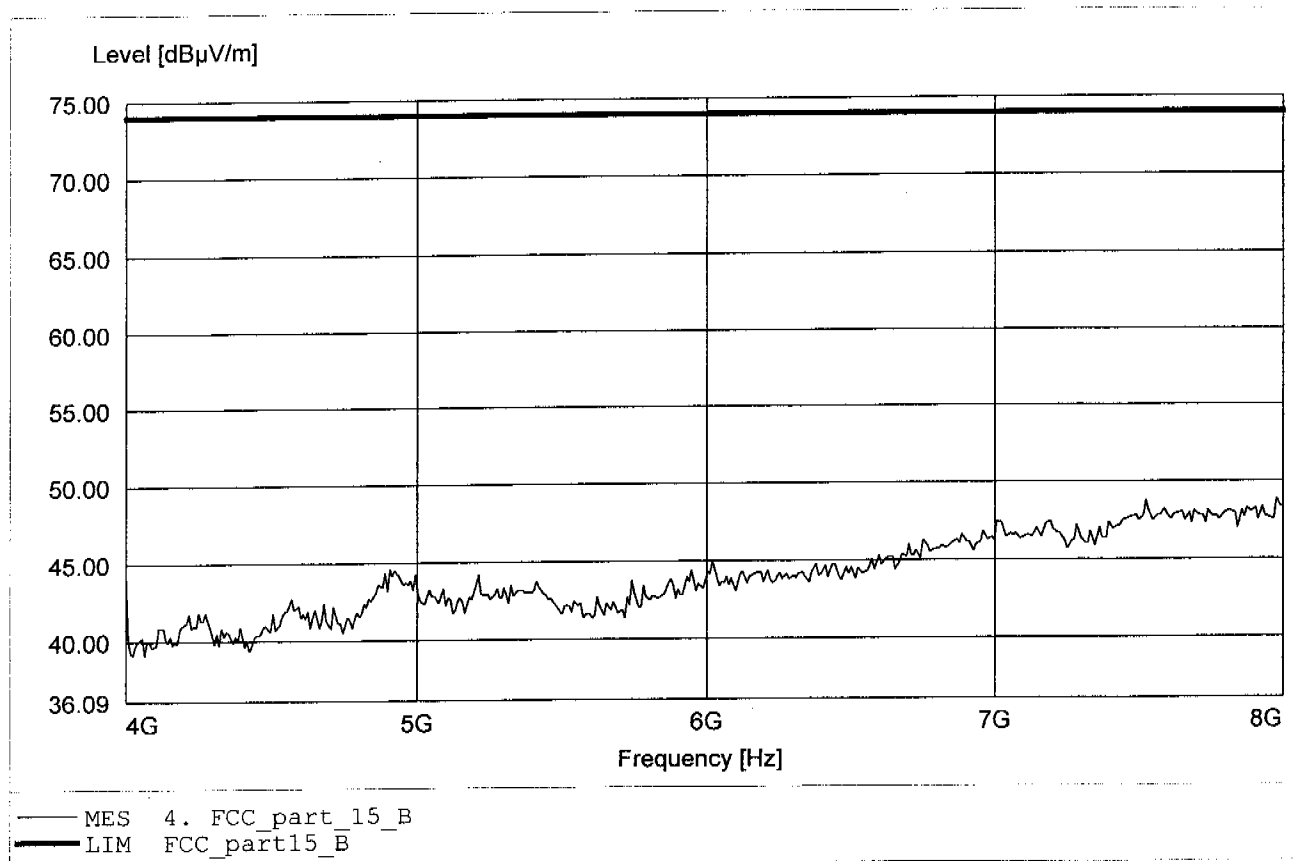
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15109, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.
Comment 2: Freq:3.784GHz Emax:46.66dBμV/m RBW: 1 MHz



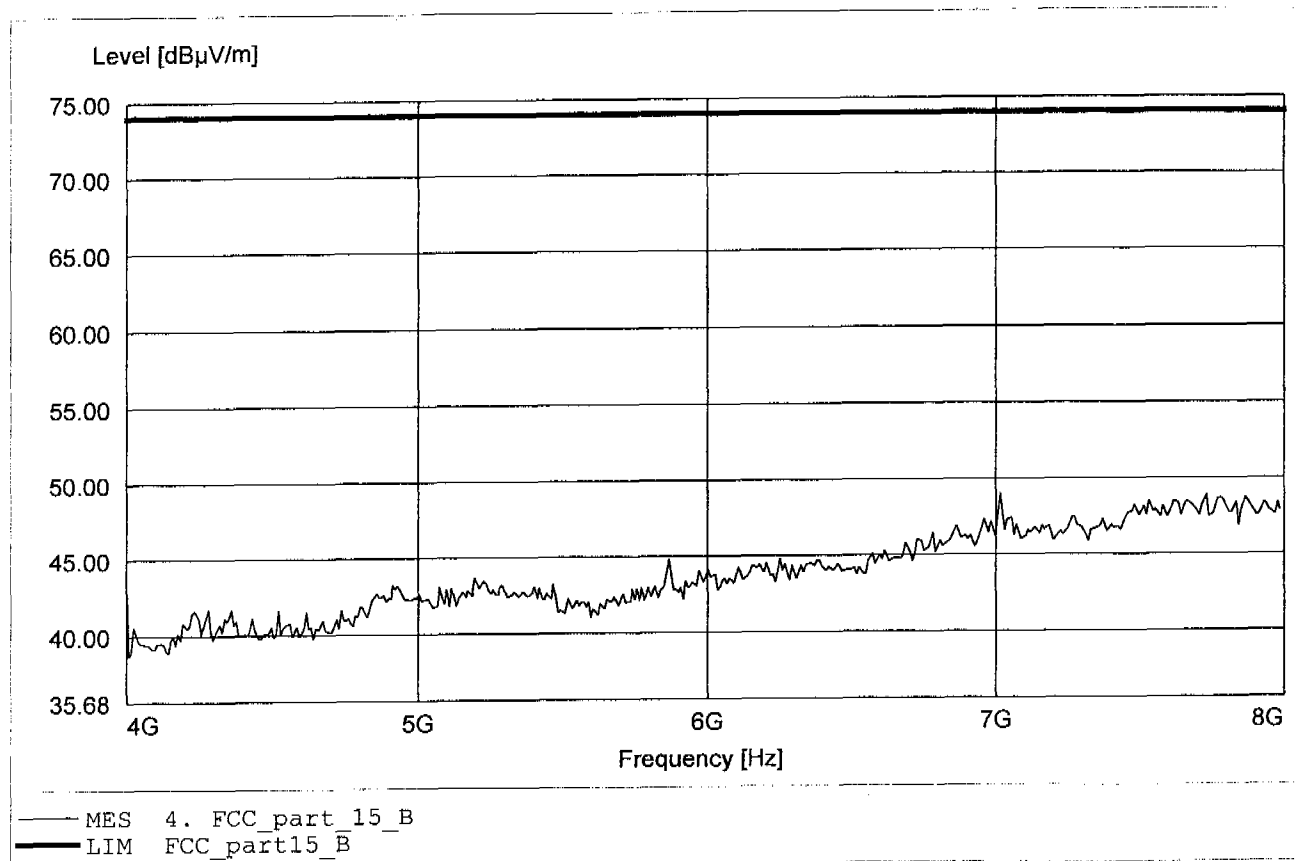
Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15109, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.
Comment 2: Freq:7.976GHz Emax:48.90dBuV/m RBW: 1 MHz



Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT : Weather Station (Display)
Model: WS-2310
Approval Holder: La Crosse Technology Ltd.
Operating Condition: Tnom:23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15109, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.
Comment 2: Freq:7.014GHz Emax:49.02dBμV/m RBW: 1 MHz



Appendix F

Conducted Measurement at (AC) Power Line

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

EUT: WEATHER STATION
Manufacturer: LA CROSSE TECHNOLOGY LTD.
Operating Condition: Unom: 110VAC(AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH3-Z5 (L1)
Comment: model: WS-2310 mode: active

