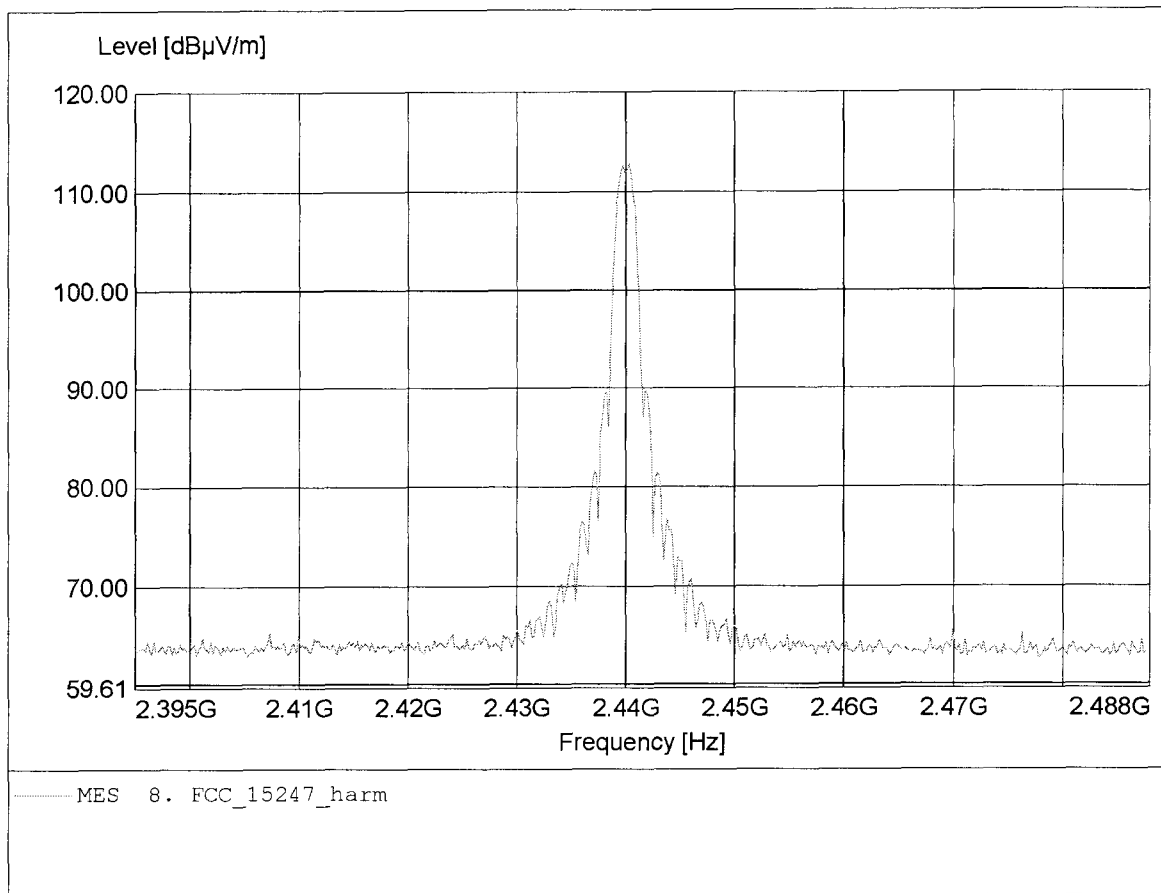


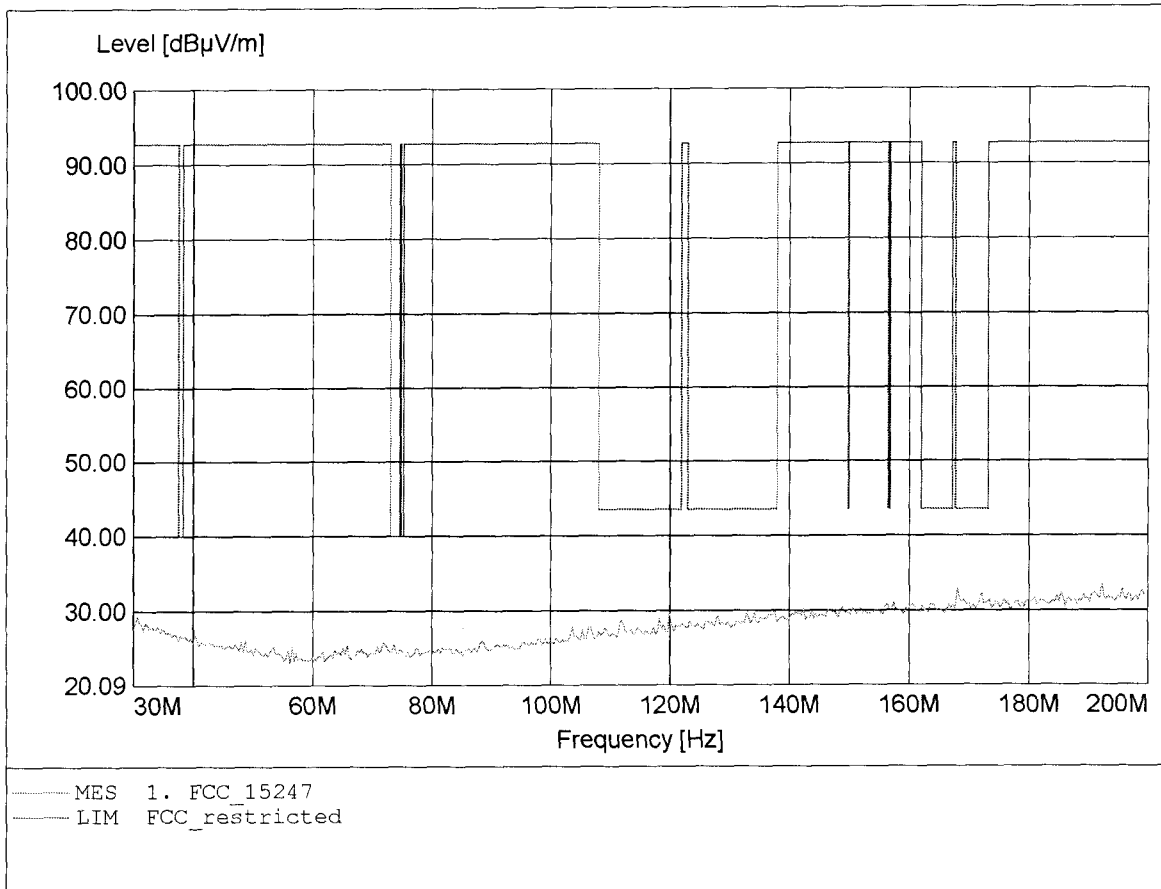
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 2.440GHz, Emax: 112.77dBµV/m, RBW: 100kHz



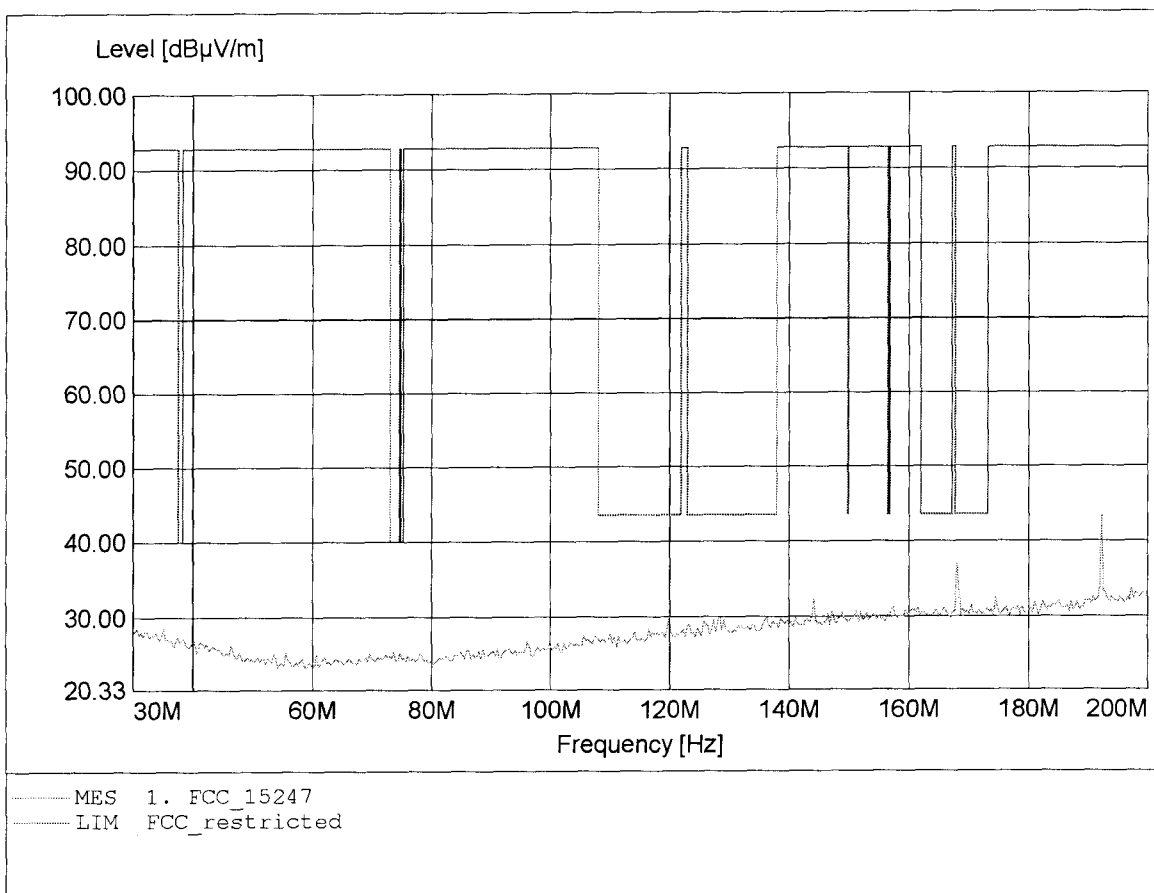
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 33.62dBµV/m, RBW: 100kHz



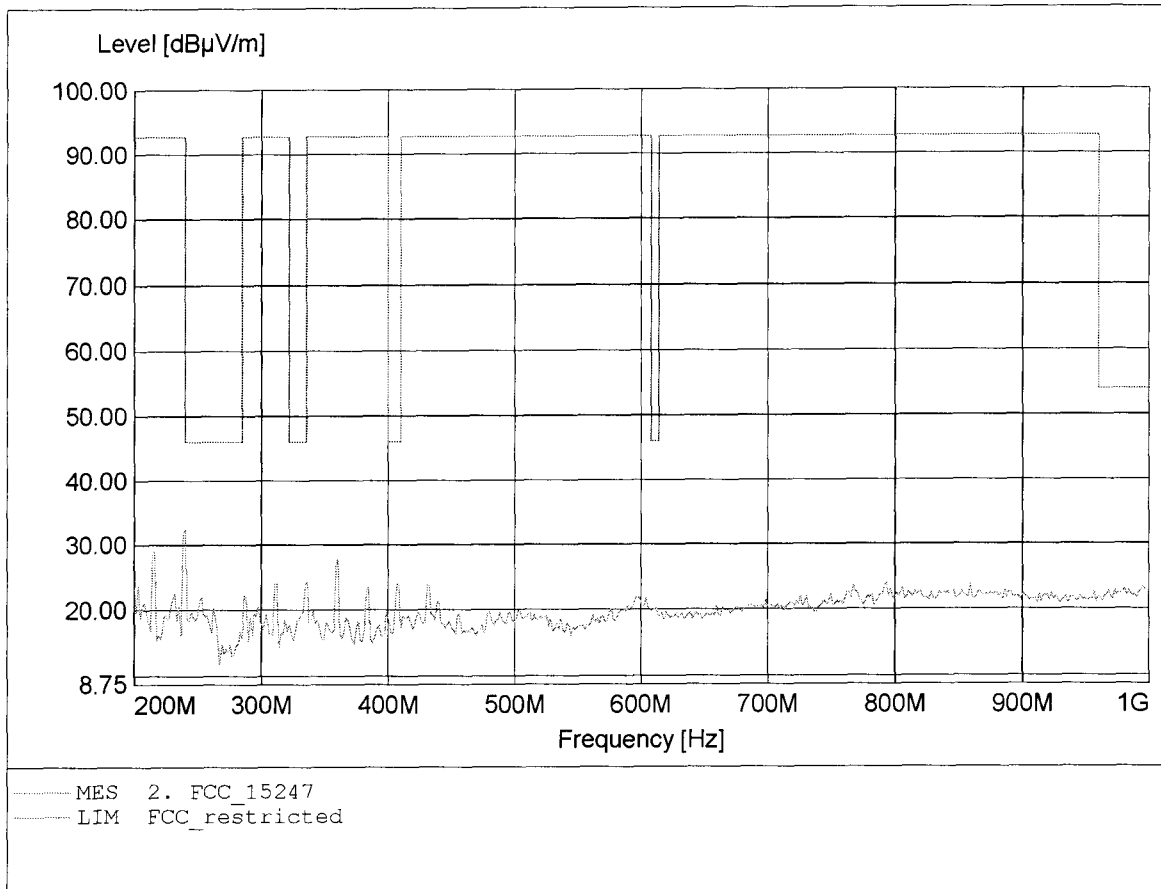
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 43.44dBµV/m, RBW: 100kHz



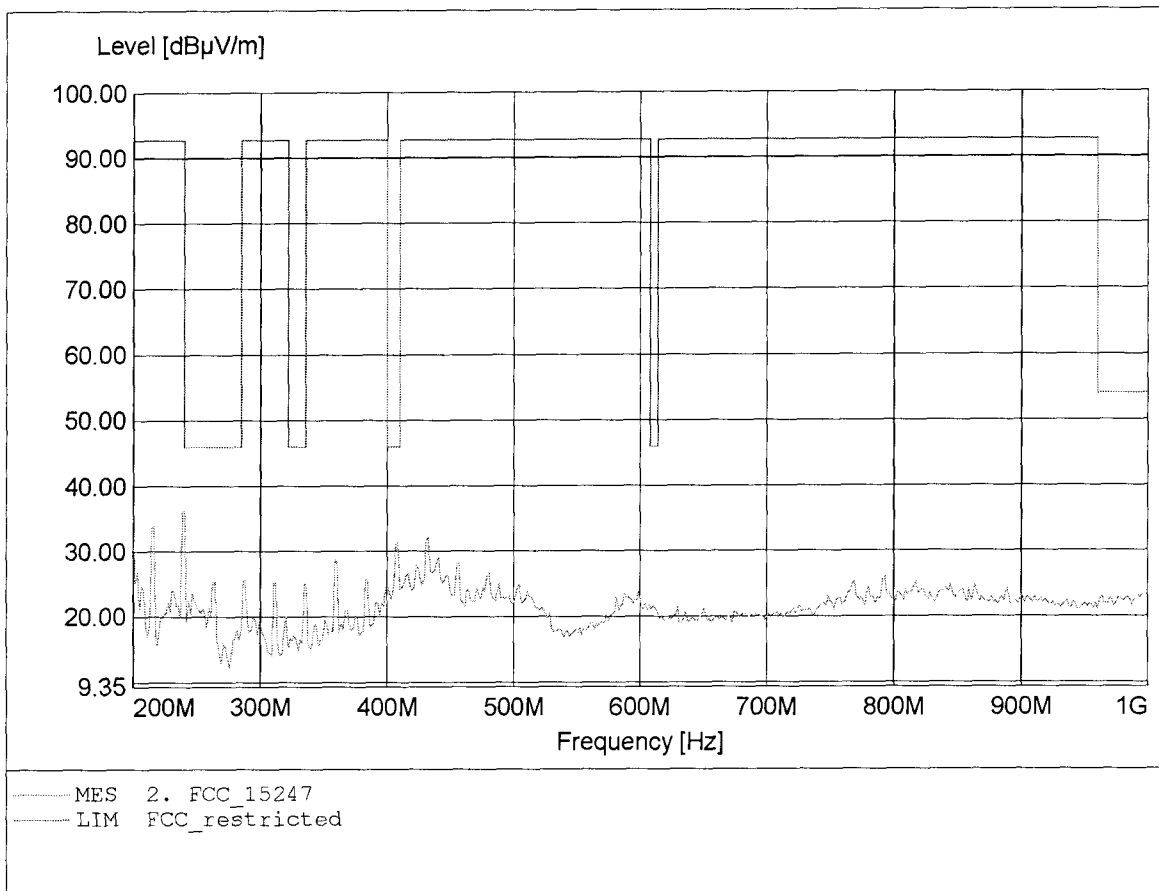
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 32.46dBµV/m, RBW: 100kHz



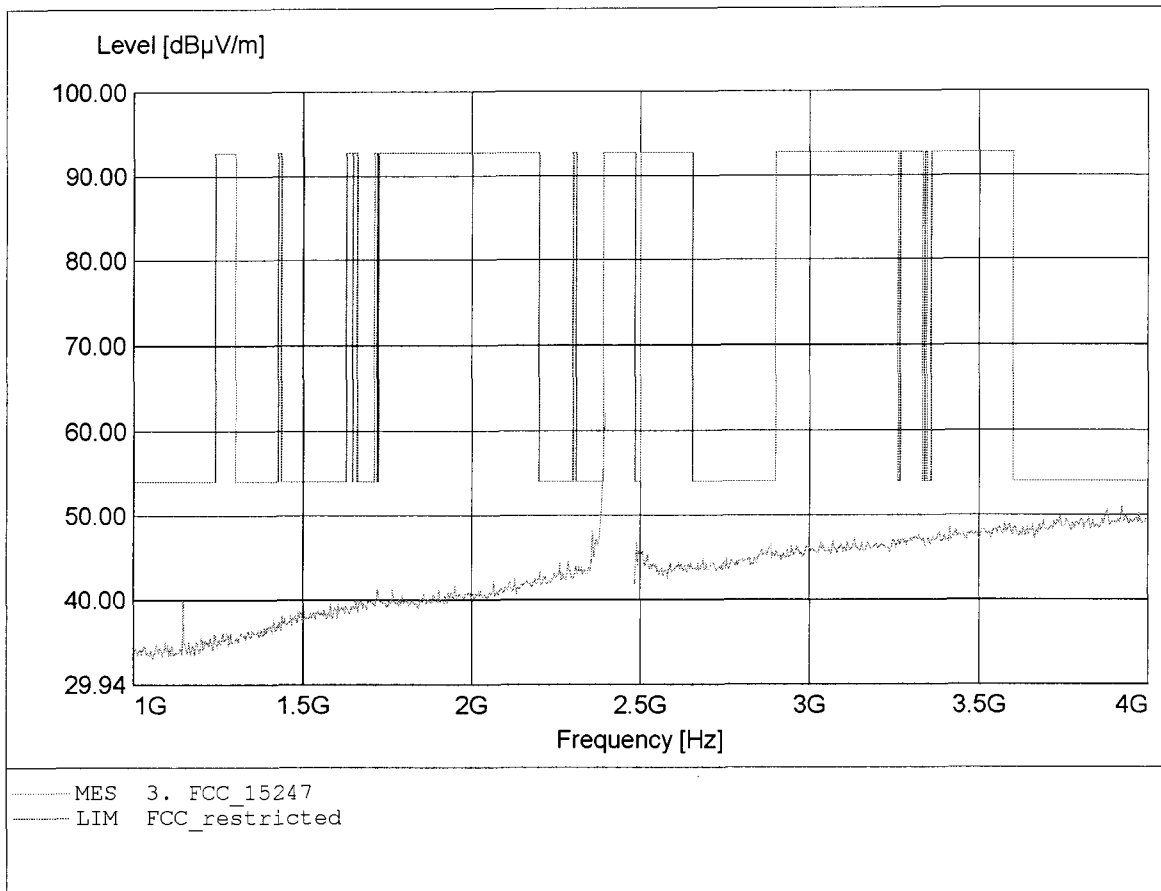
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 36.32dBµV/m, RBW: 100kHz



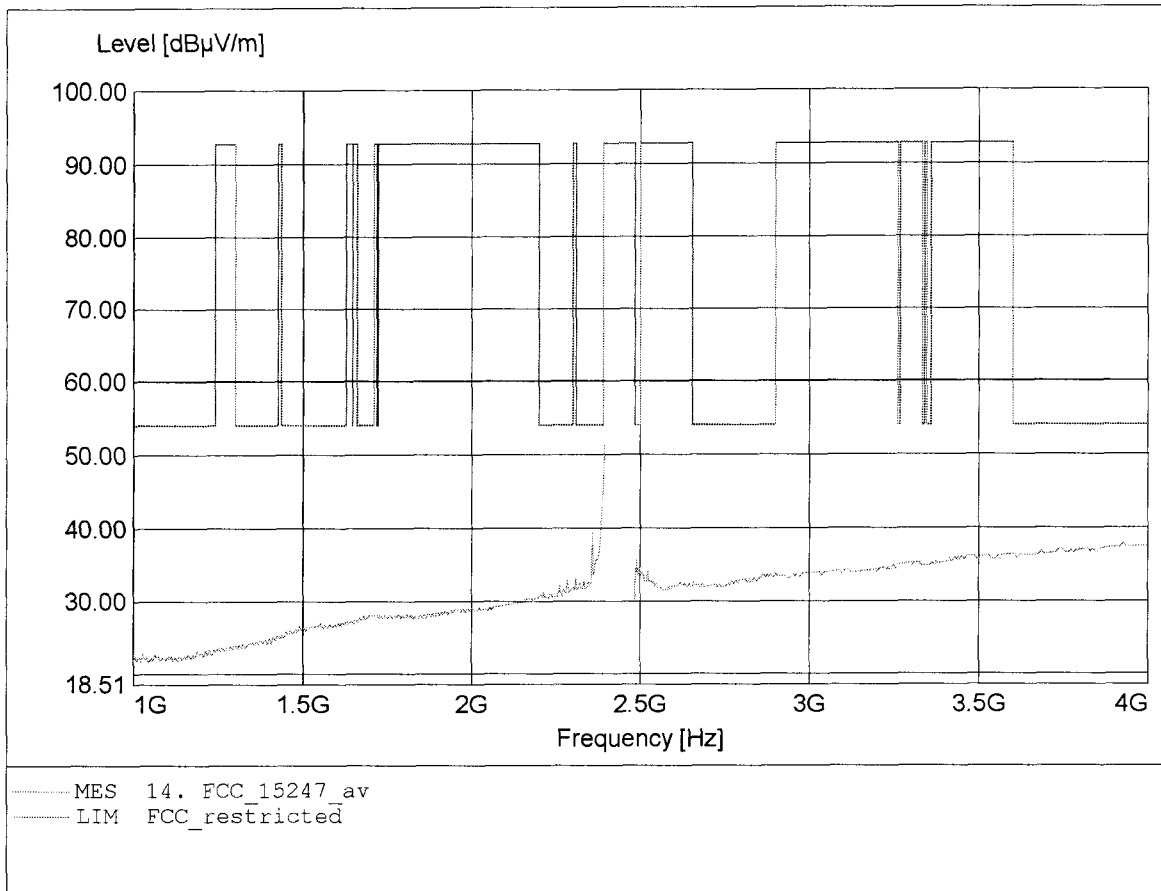
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.394GHz, Emax: 62.15dBµV/m, RBW: 1MHz



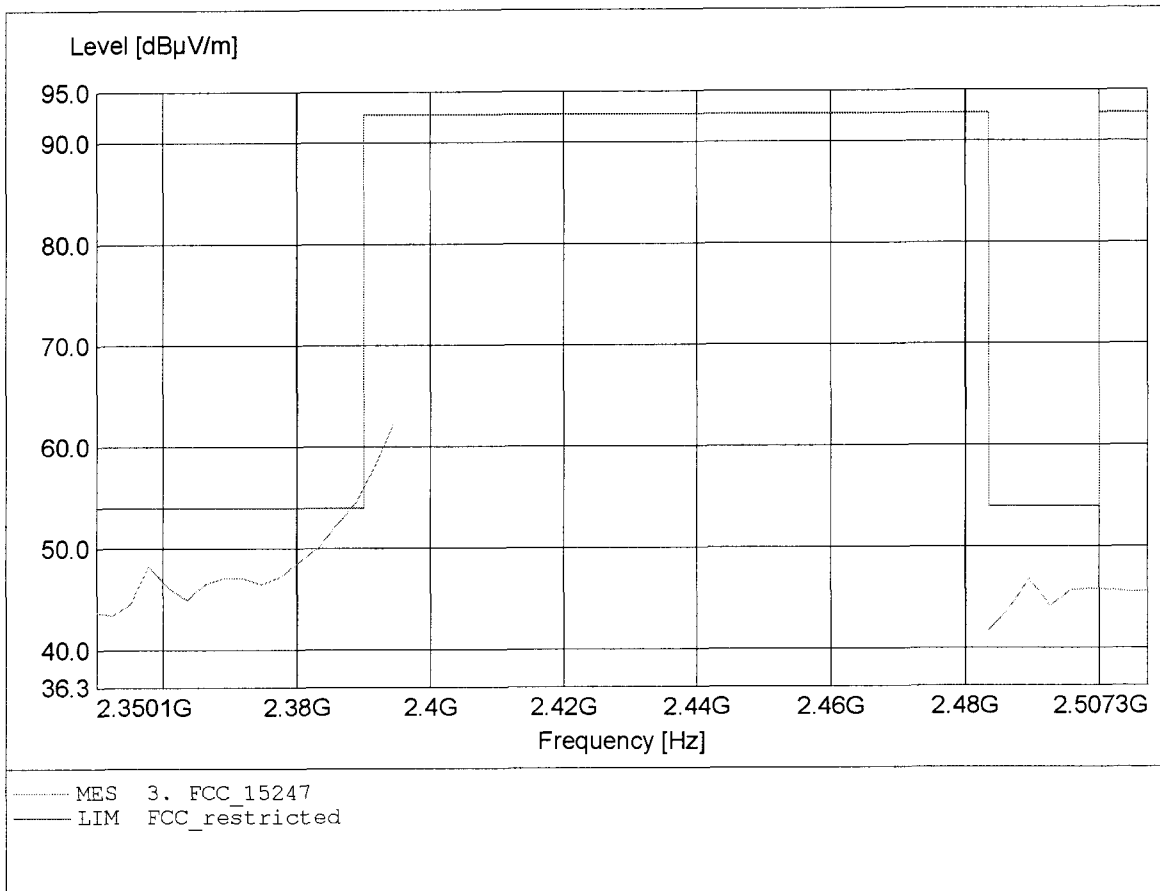
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.394GHz, Emax: 51.38dBµV/m, RBW: 1MHz



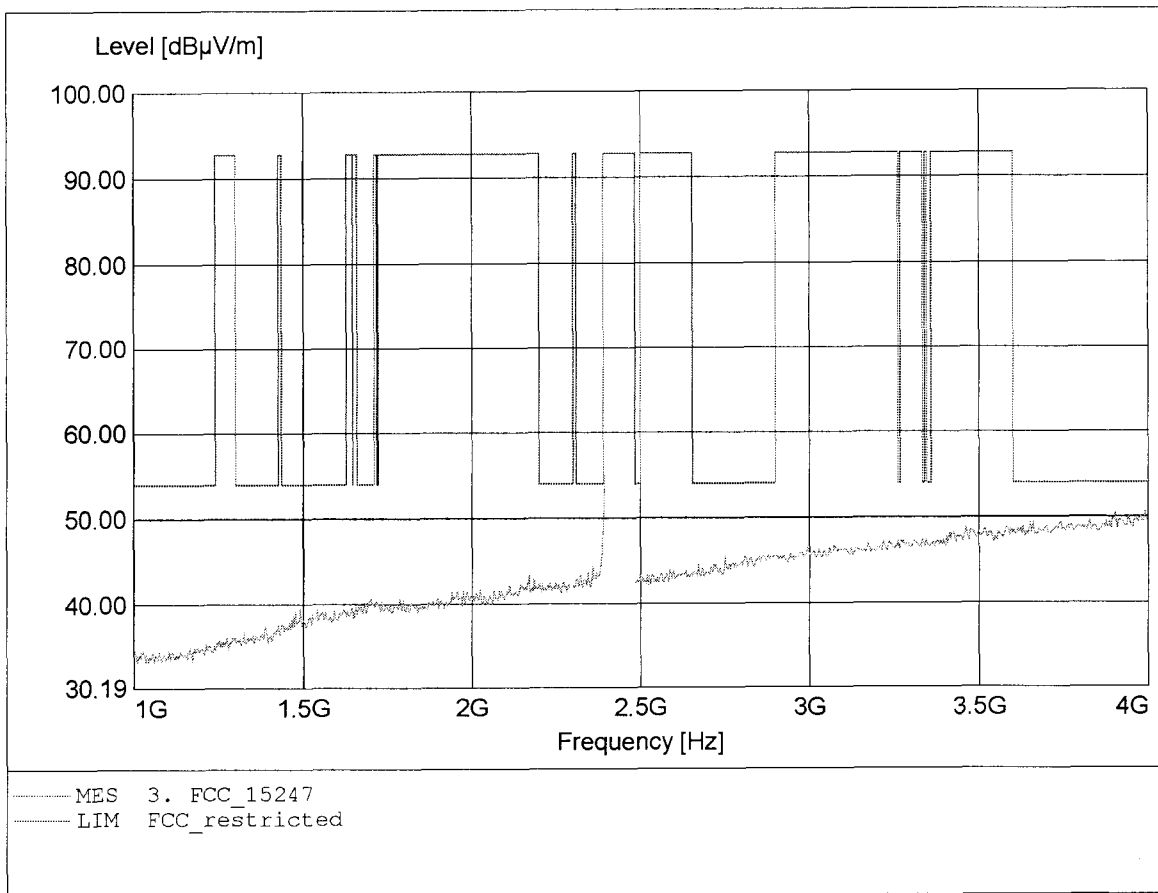
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.394GHz, Emax: 62.15dBµV/m, RBW: 1MHz



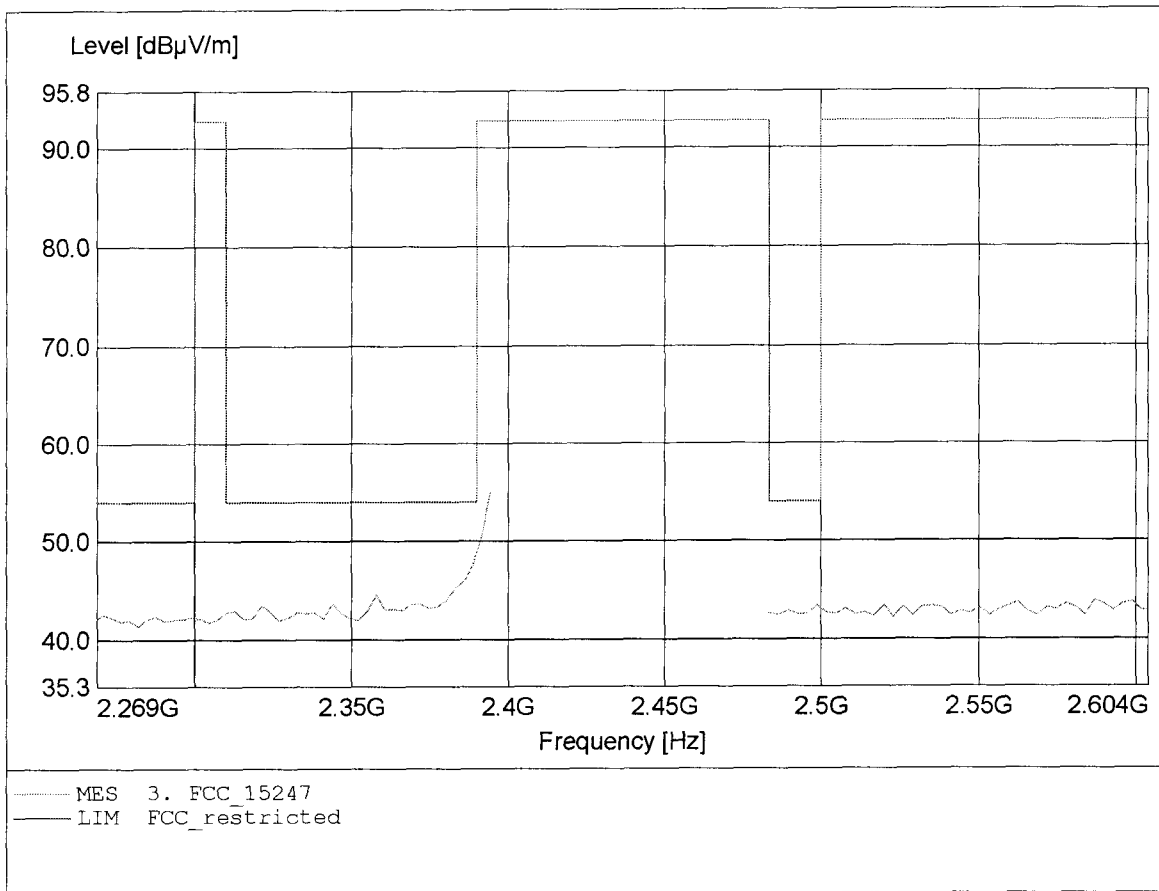
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.394GHz, Emax: 55.08dBµV/m, RBW: 1MHz



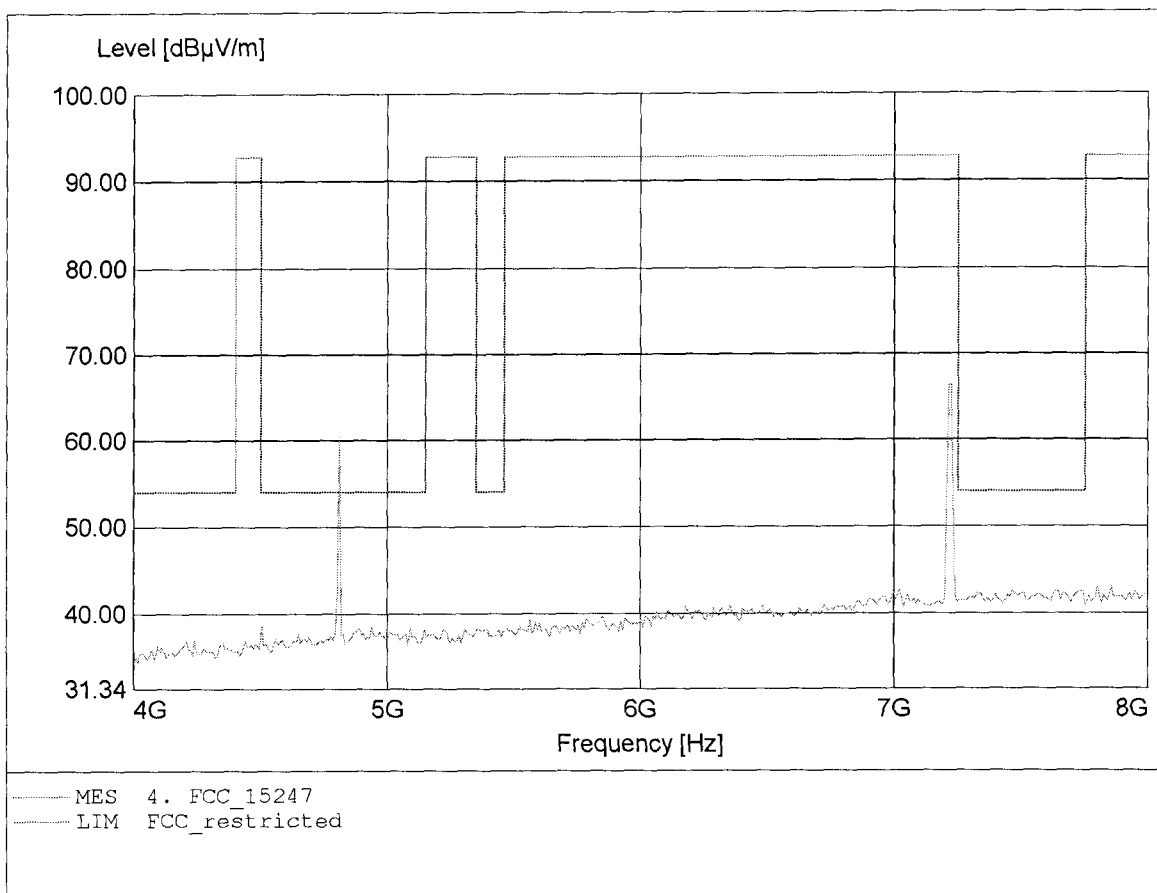
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.394GHz, Emax: 55.08dBµV/m, RBW: 1MHz



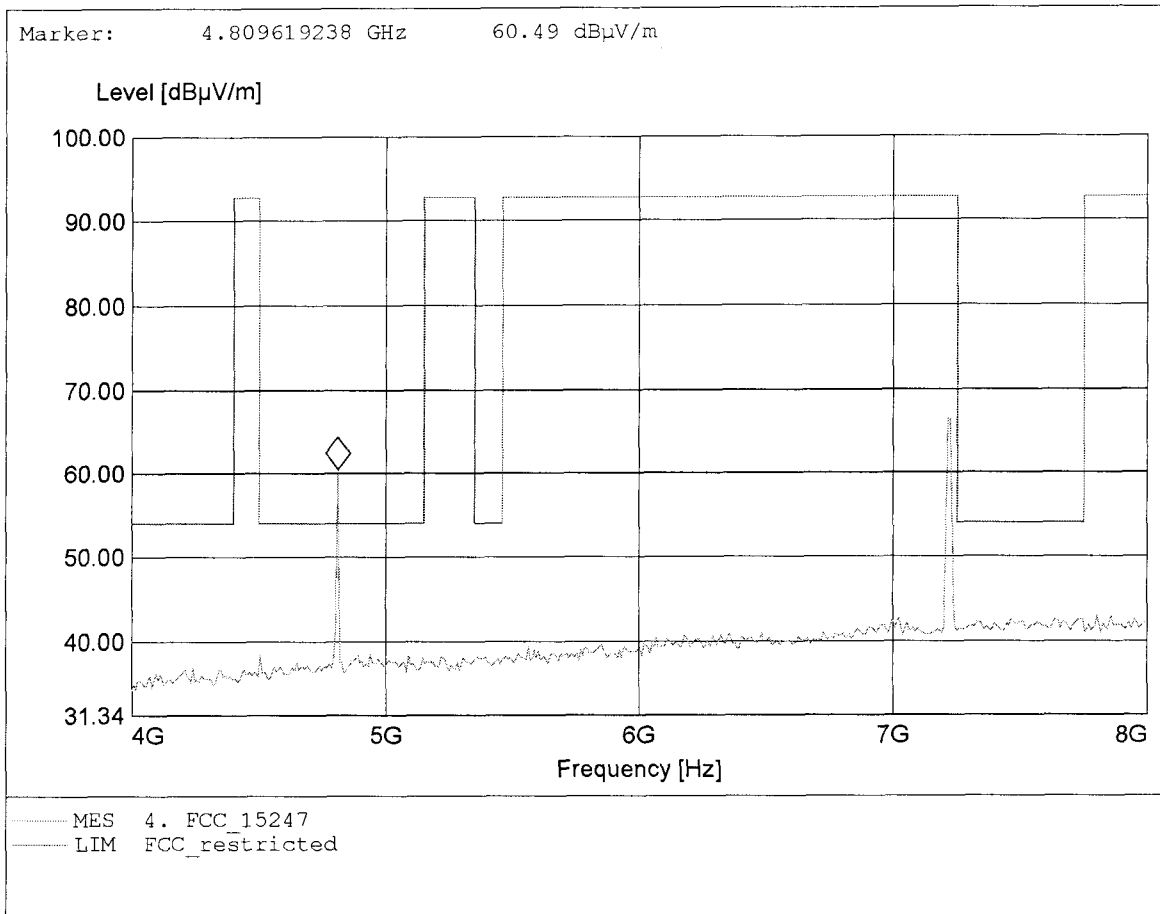
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 66.46dBµV/m, RBW: 1MHz



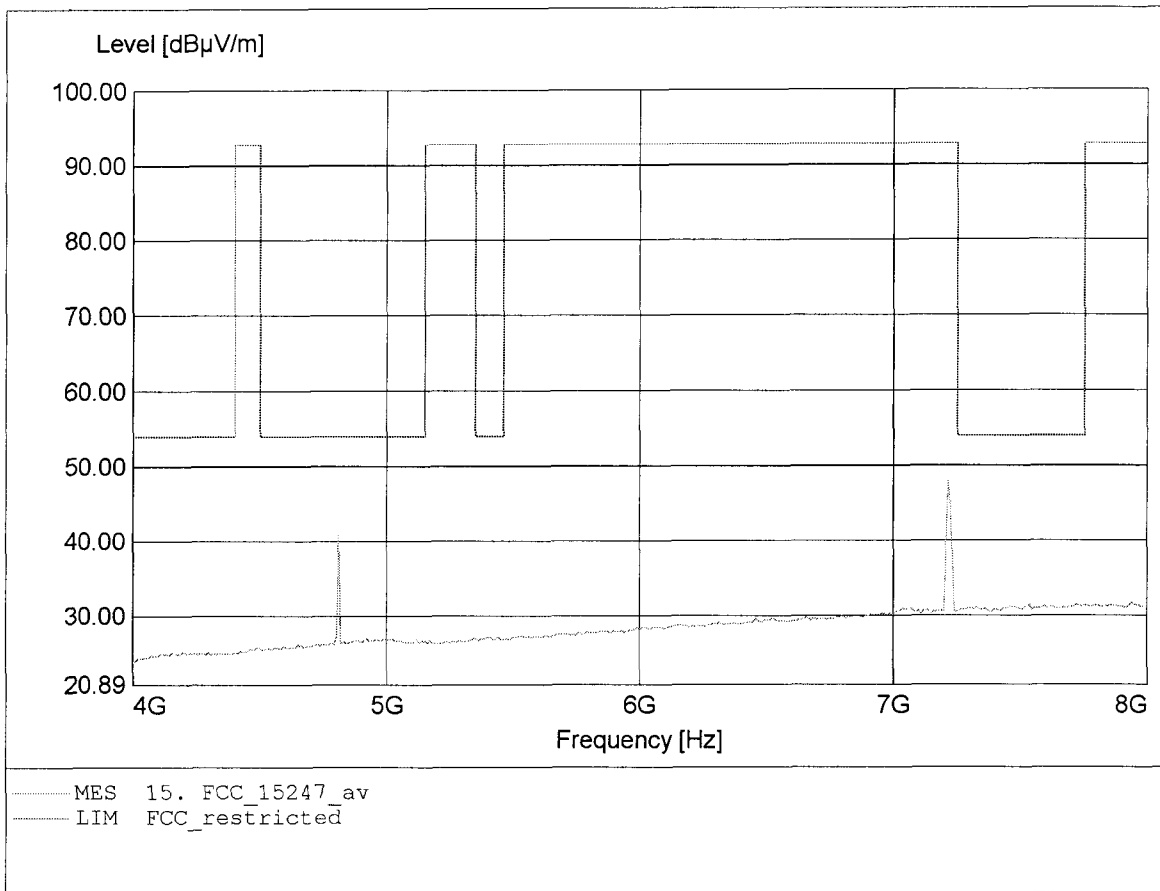
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 66.46dBµV/m, RBW: 1MHz



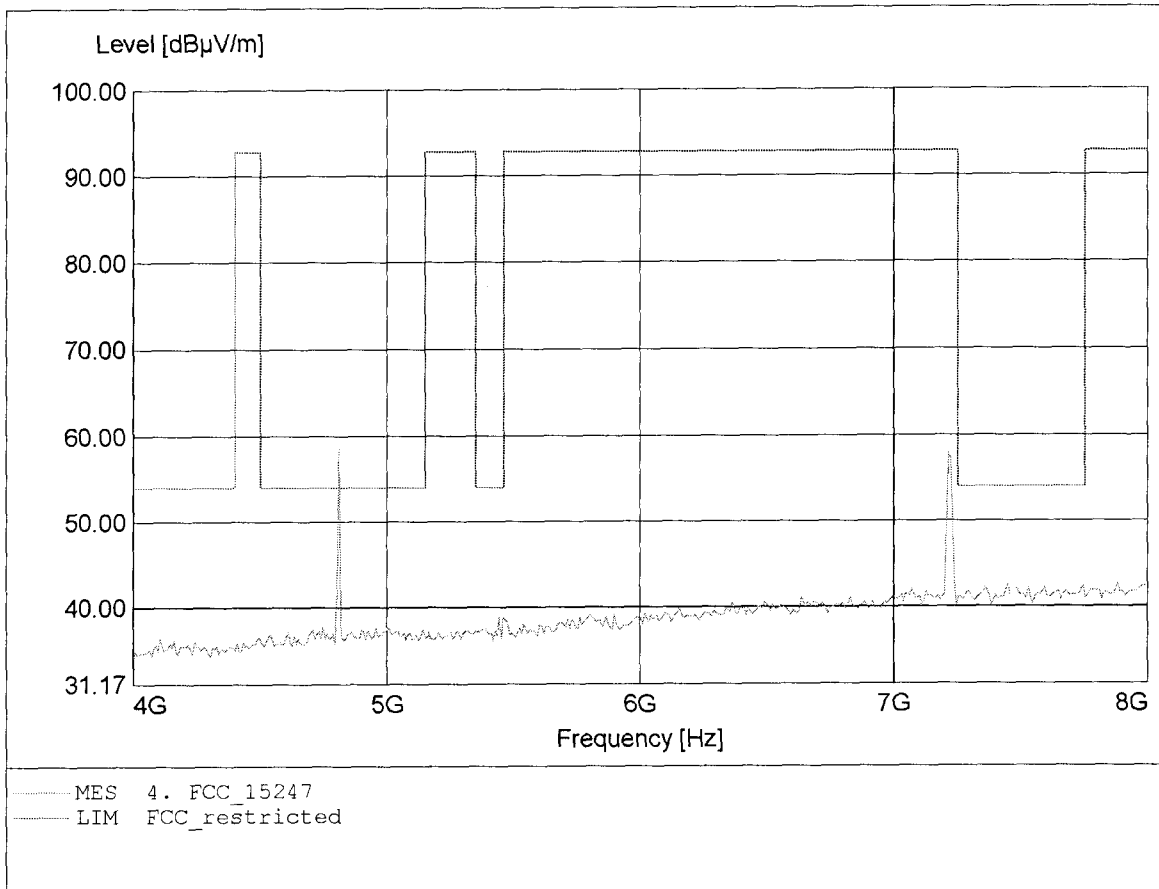
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 47.90dBµV/m, RBW: 1MHz



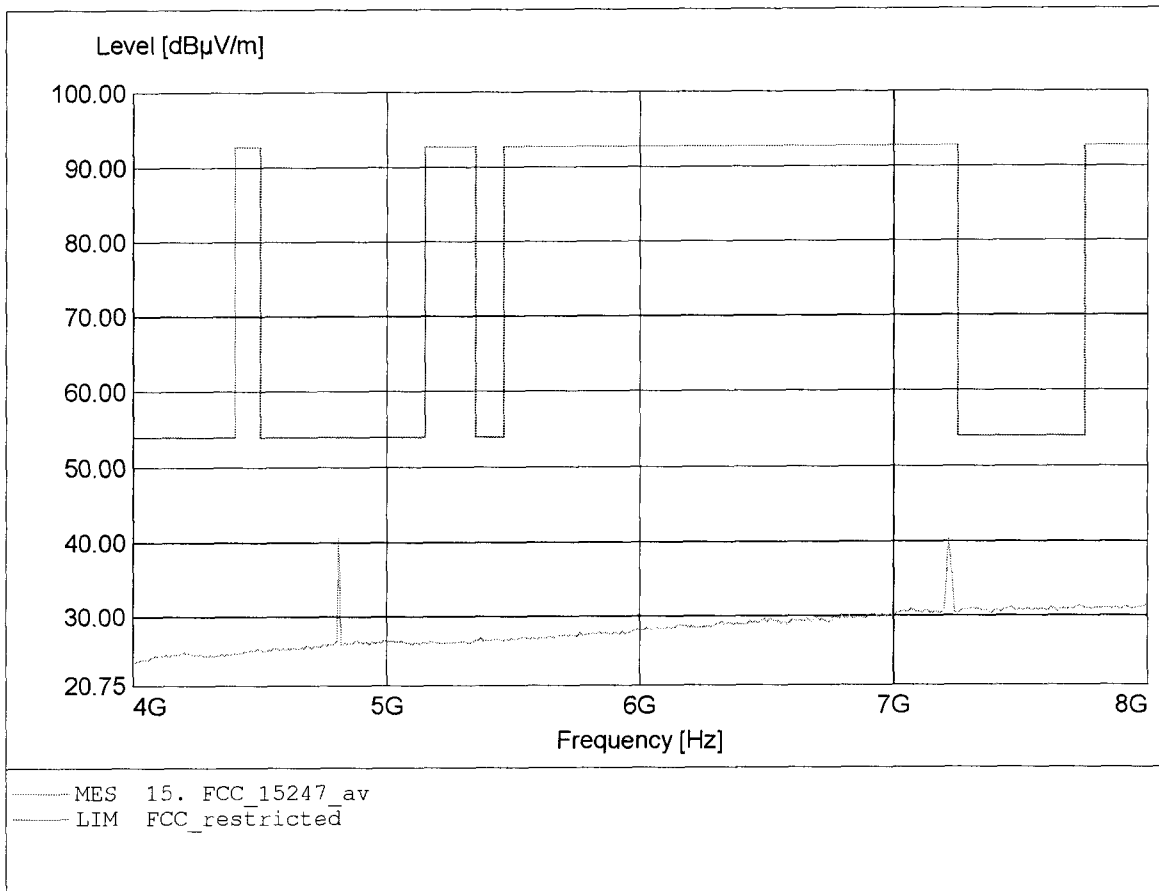
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 58.50dBµV/m, RBW: 1MHz



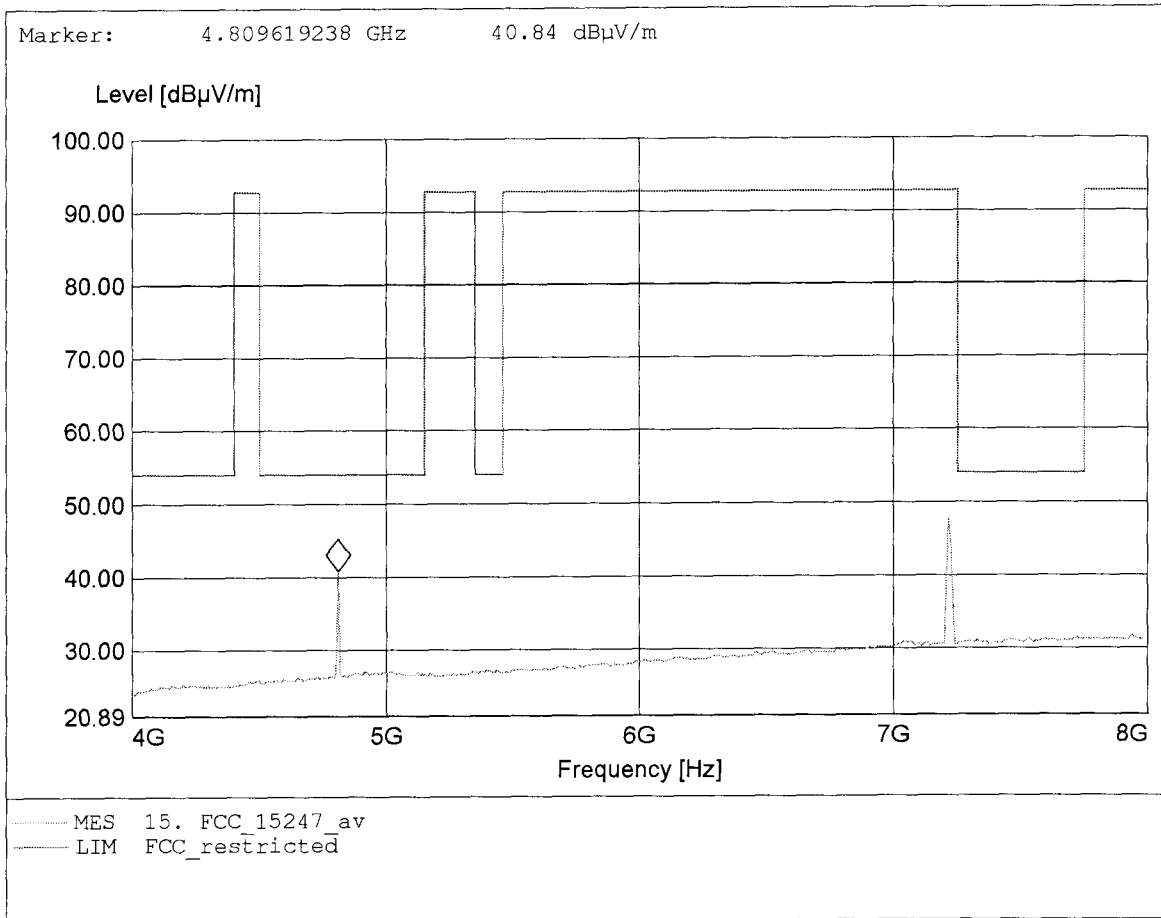
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 40.80dBµV/m, RBW: 1MHz



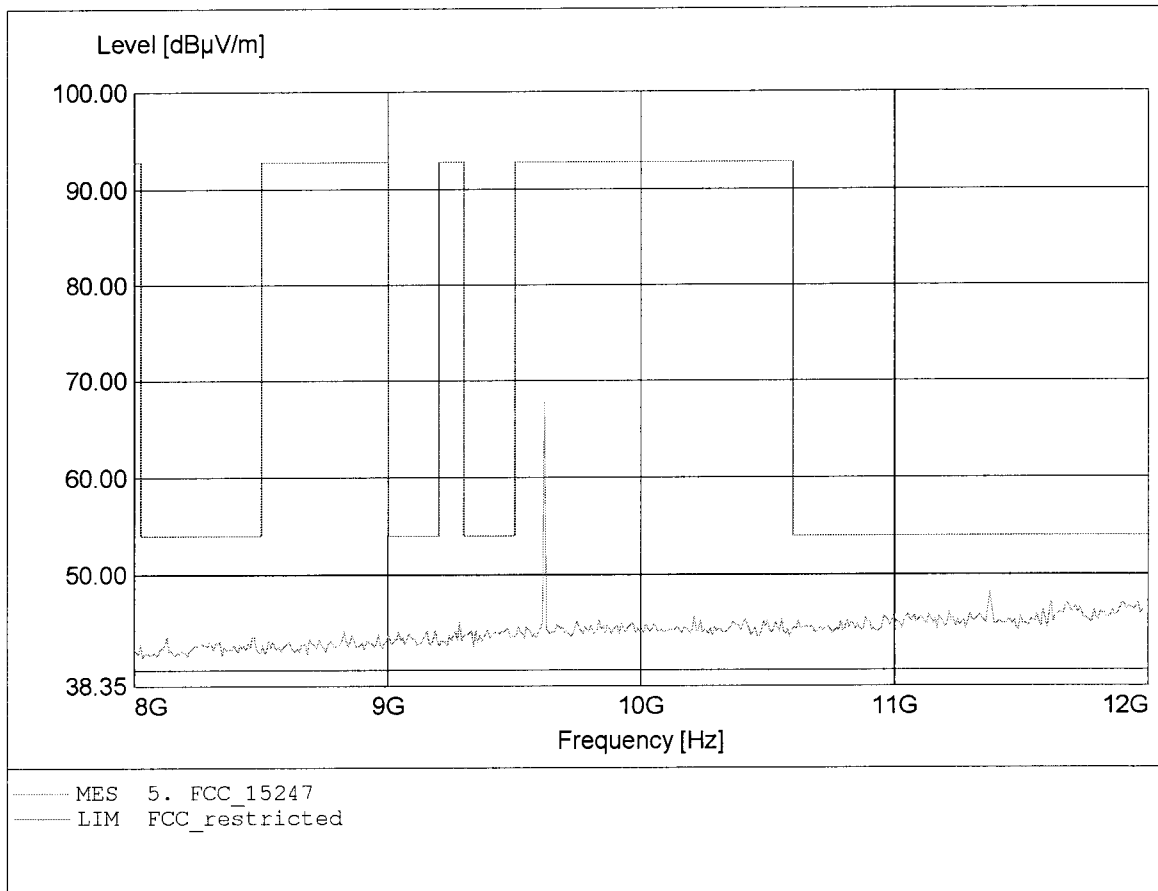
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 47.90dBµV/m, RBW: 1MHz



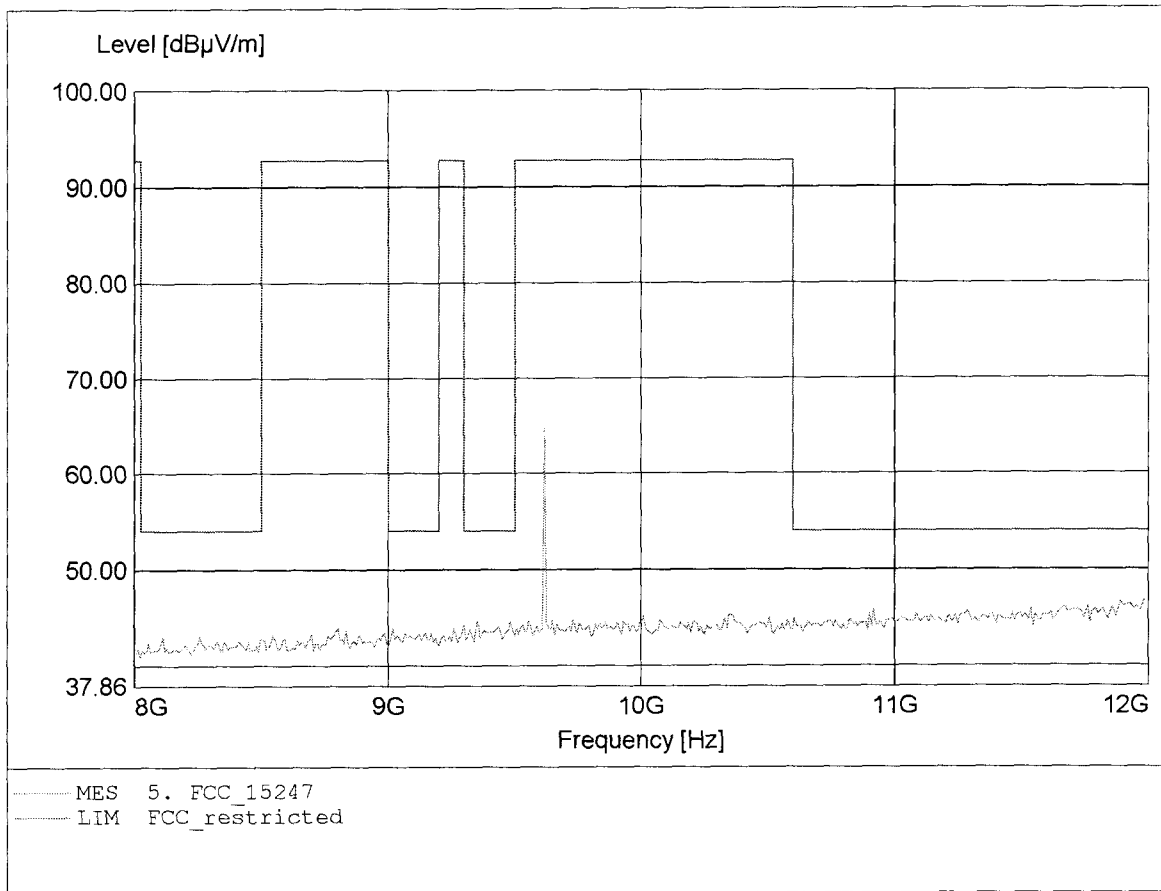
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.619GHz, Emax: 67.80dBµV/m, RBW: 1MHz



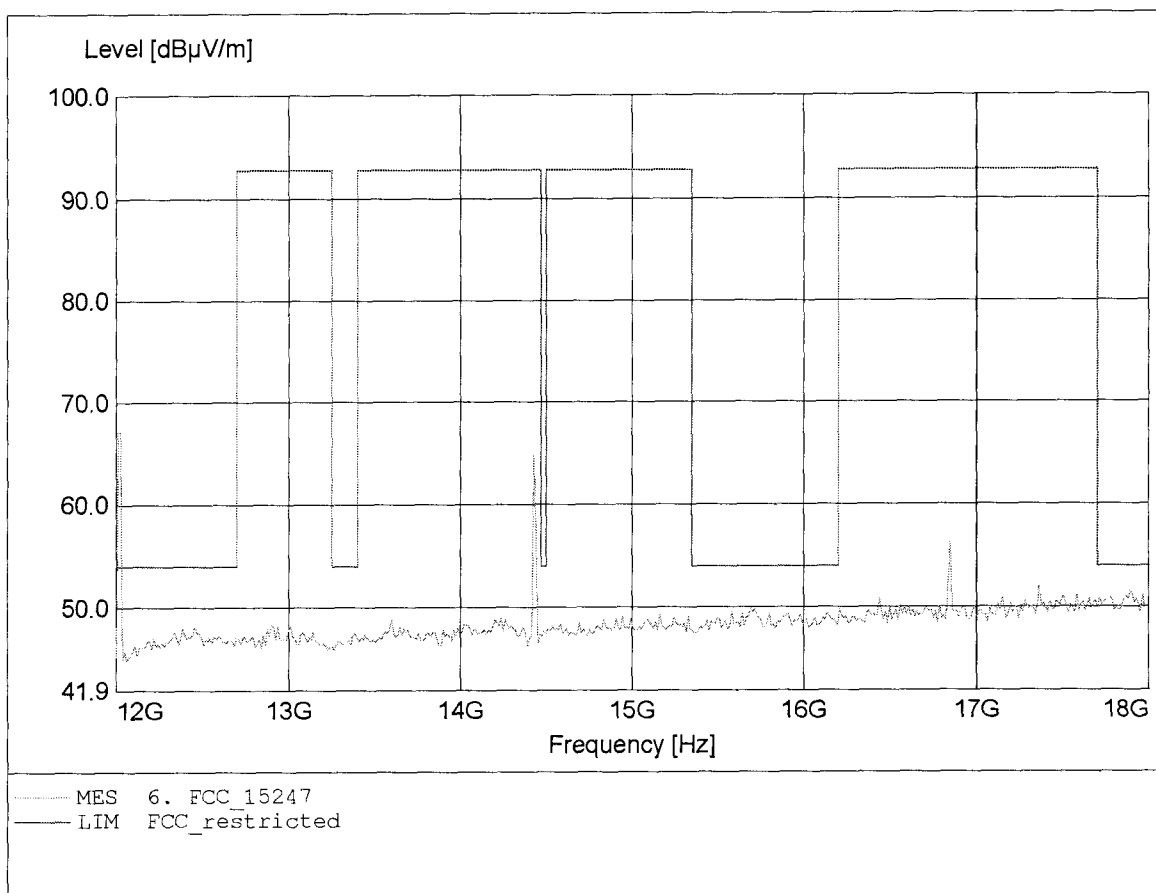
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.619GHz, Emax: 64.78dBµV/m, RBW: 1MHz



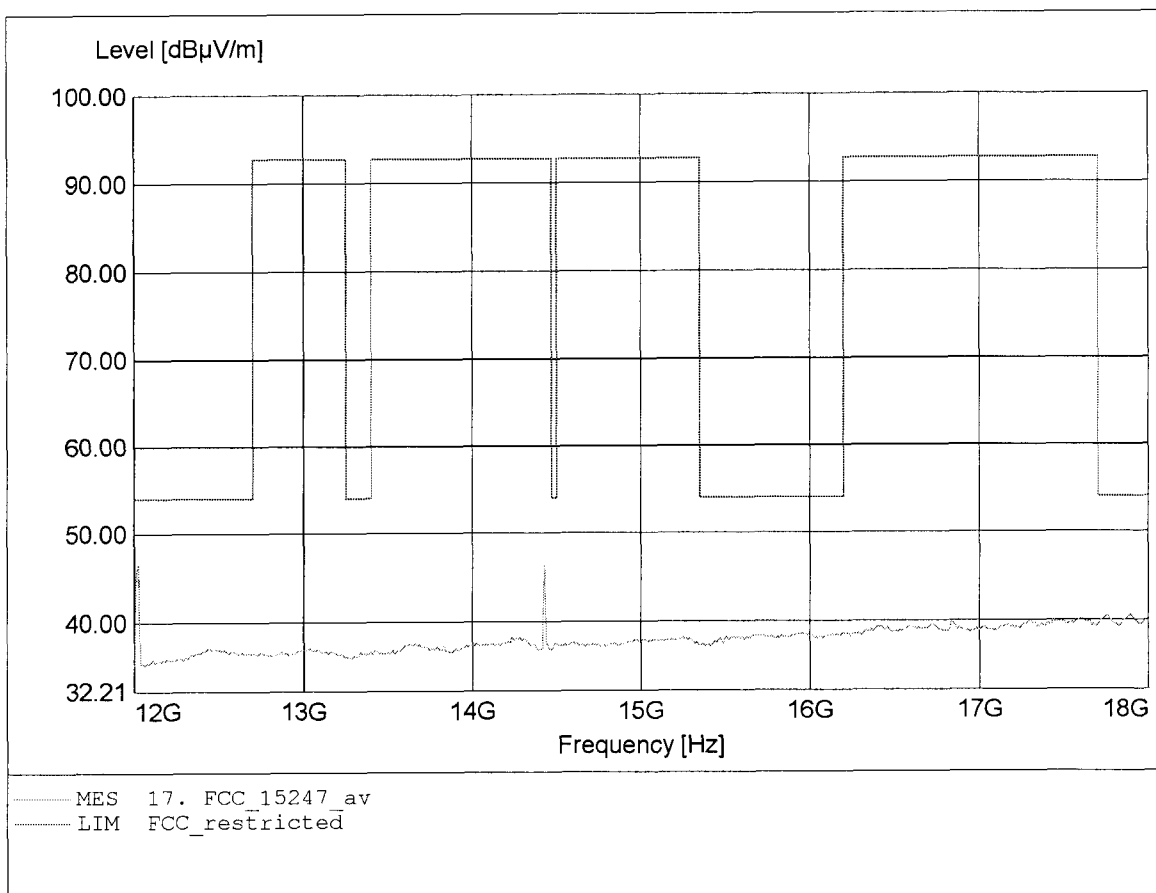
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.024GHz, Emax: 67.19dBµV/m, RBW: 1MHz



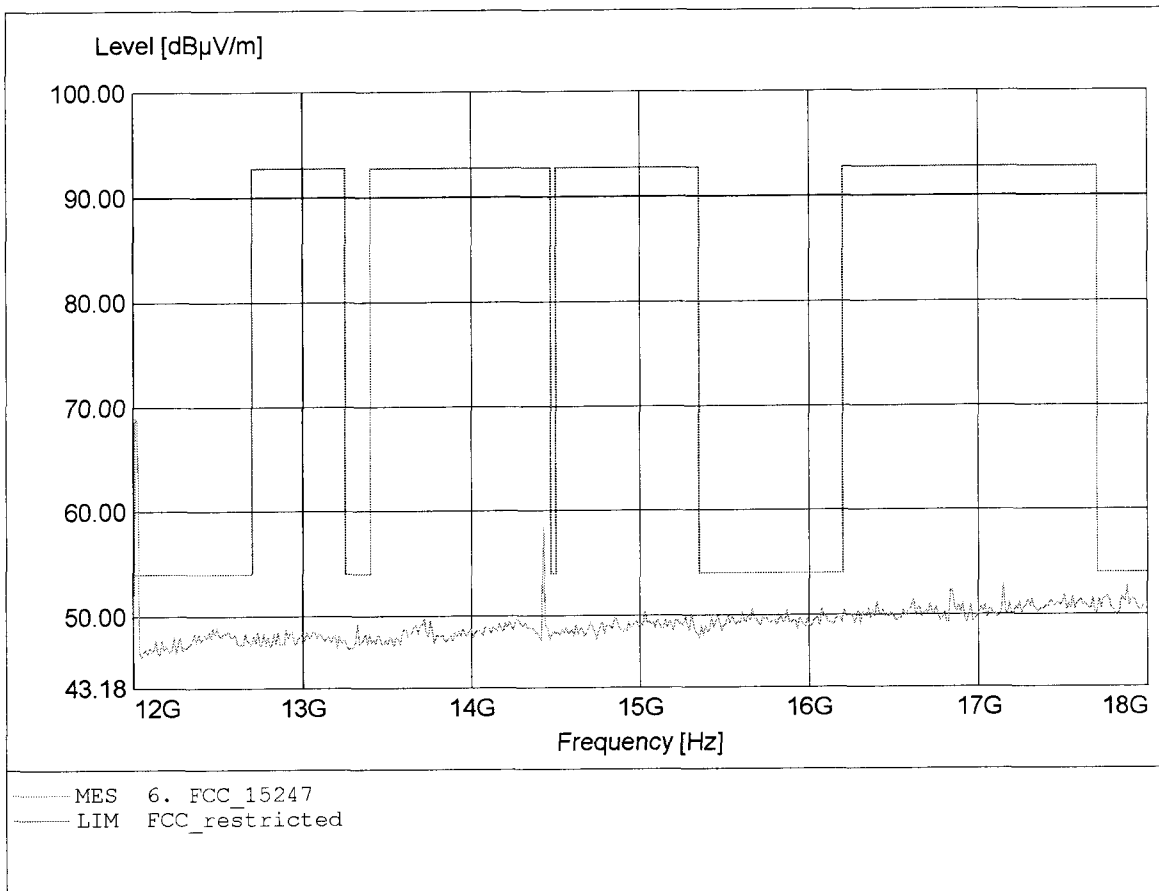
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.024GHz, Emax: 46.54dBµV/m, RBW: 1MHz



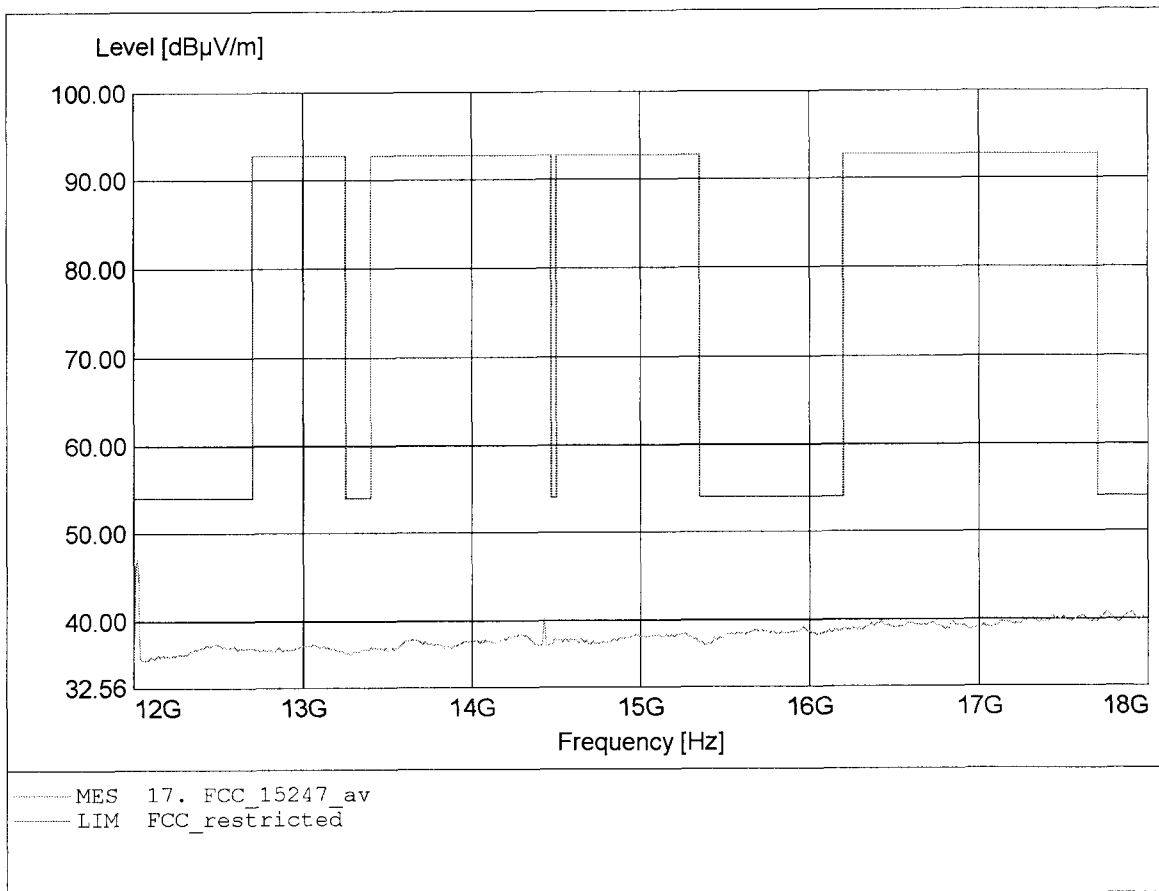
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.012GHz, Emax: 68.88dBµV/m, RBW: 1MHz



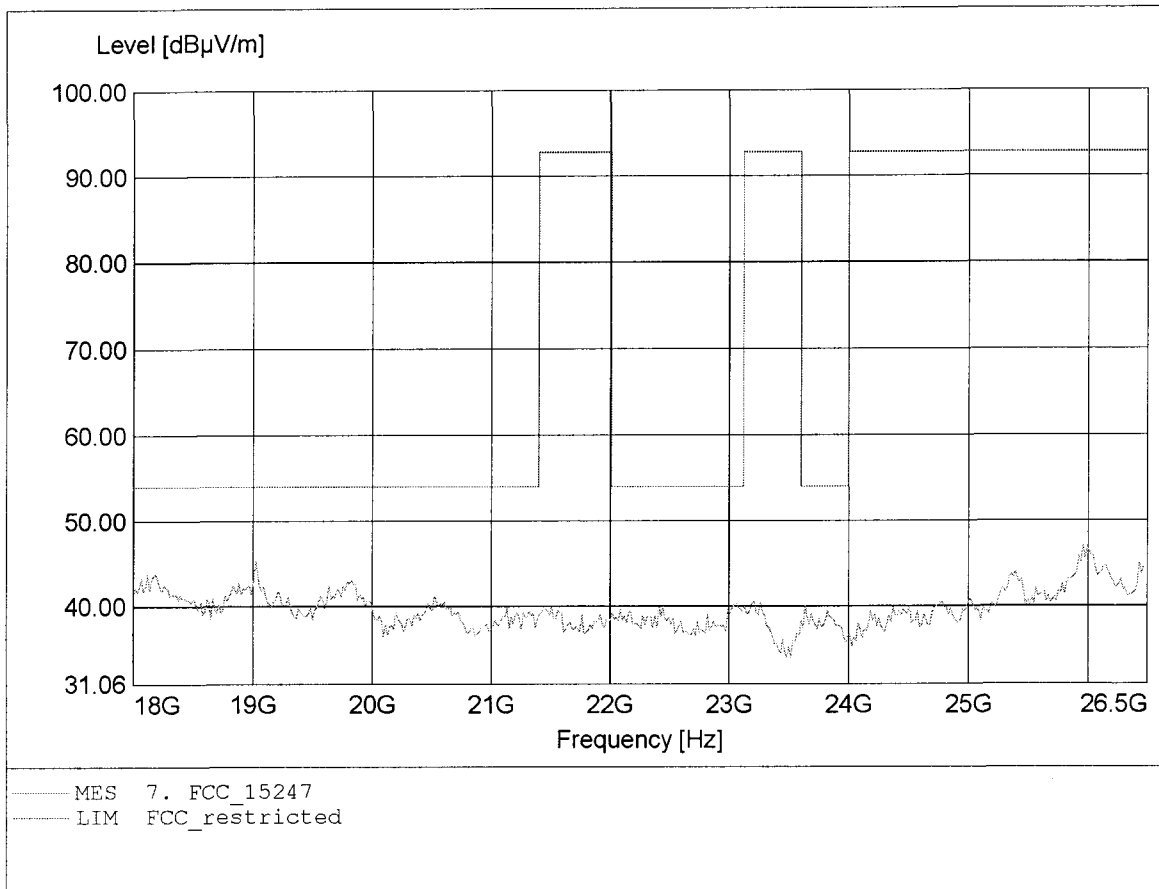
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.024GHz, Emax: 46.98dBµV/m, RBW: 1MHz



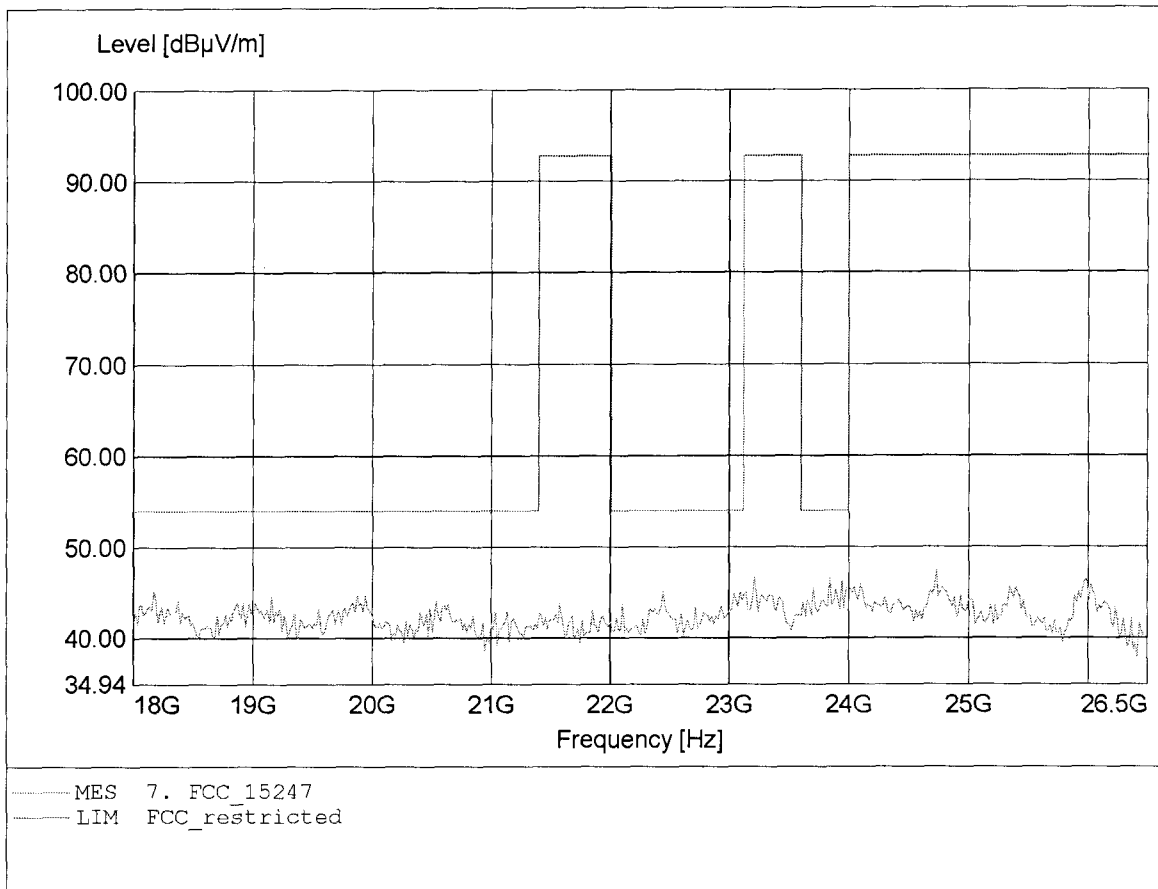
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.955GHz, Emax: 47.18dBµV/m, RBW: 1MHz



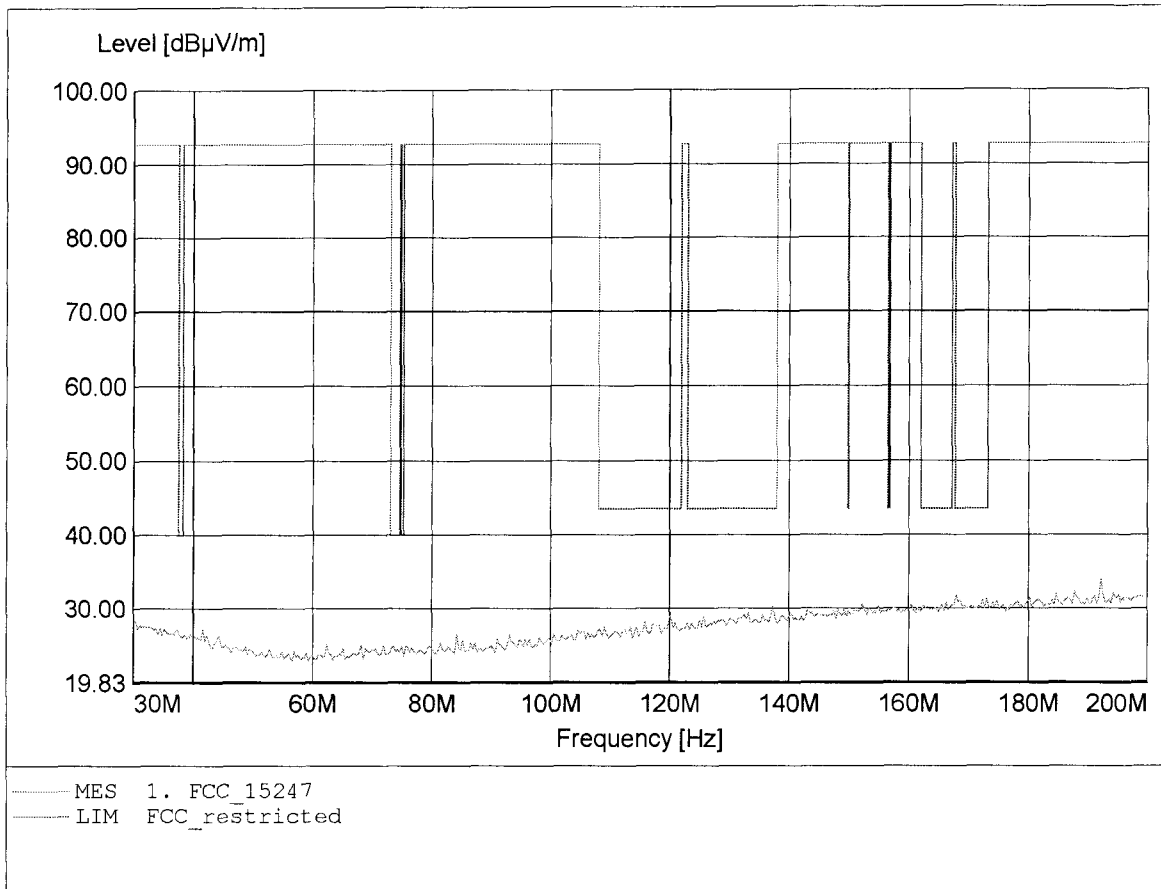
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.728GHz, Emax: 47.43dBµV/m, RBW: 1MHz



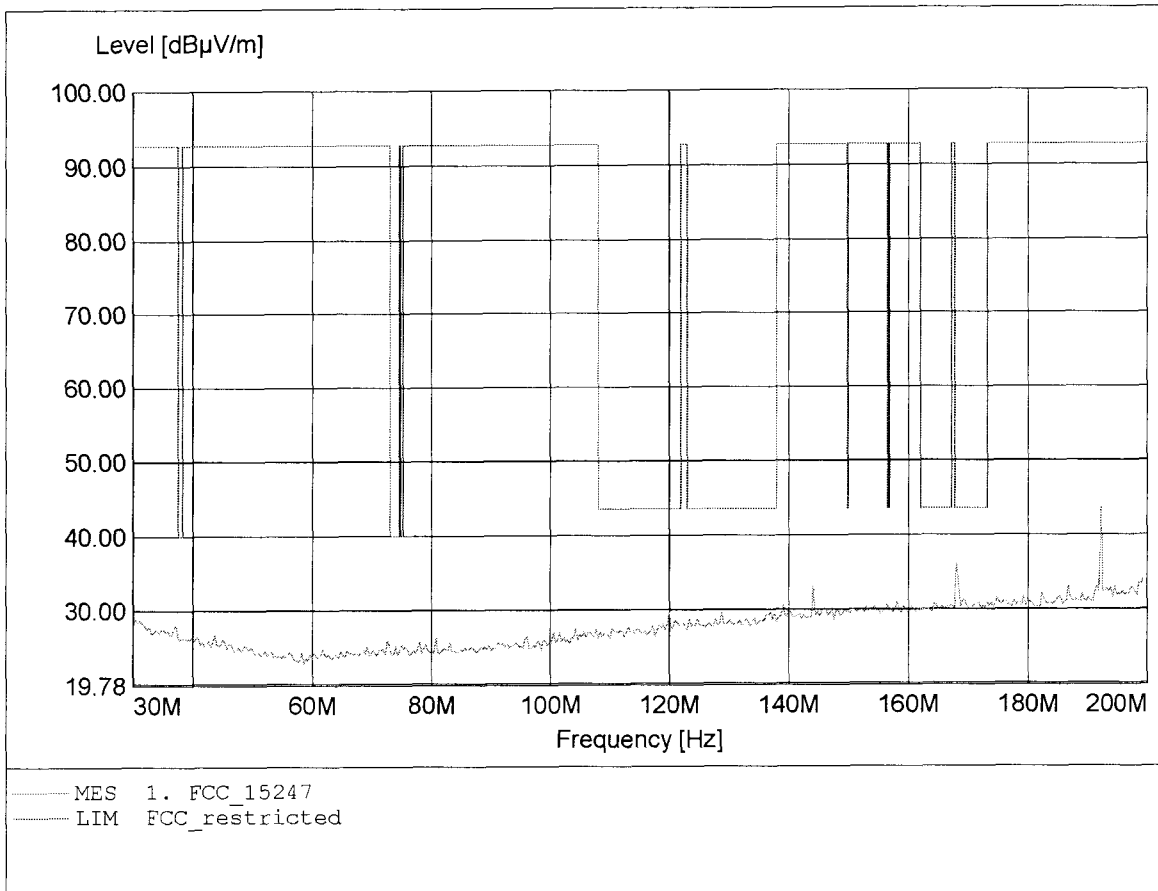
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 34.02dBµV/m, RBW: 100kHz



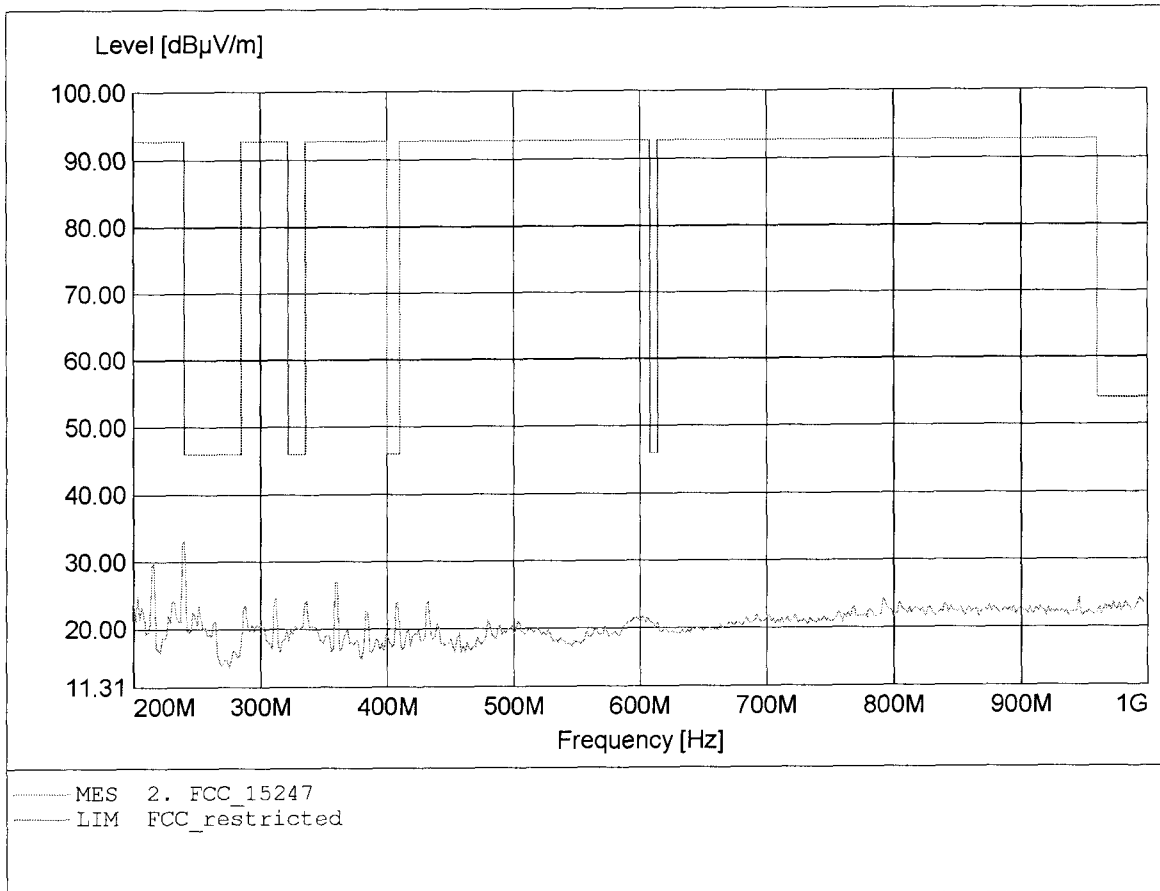
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 43.58dBµV/m, RBW: 100kHz



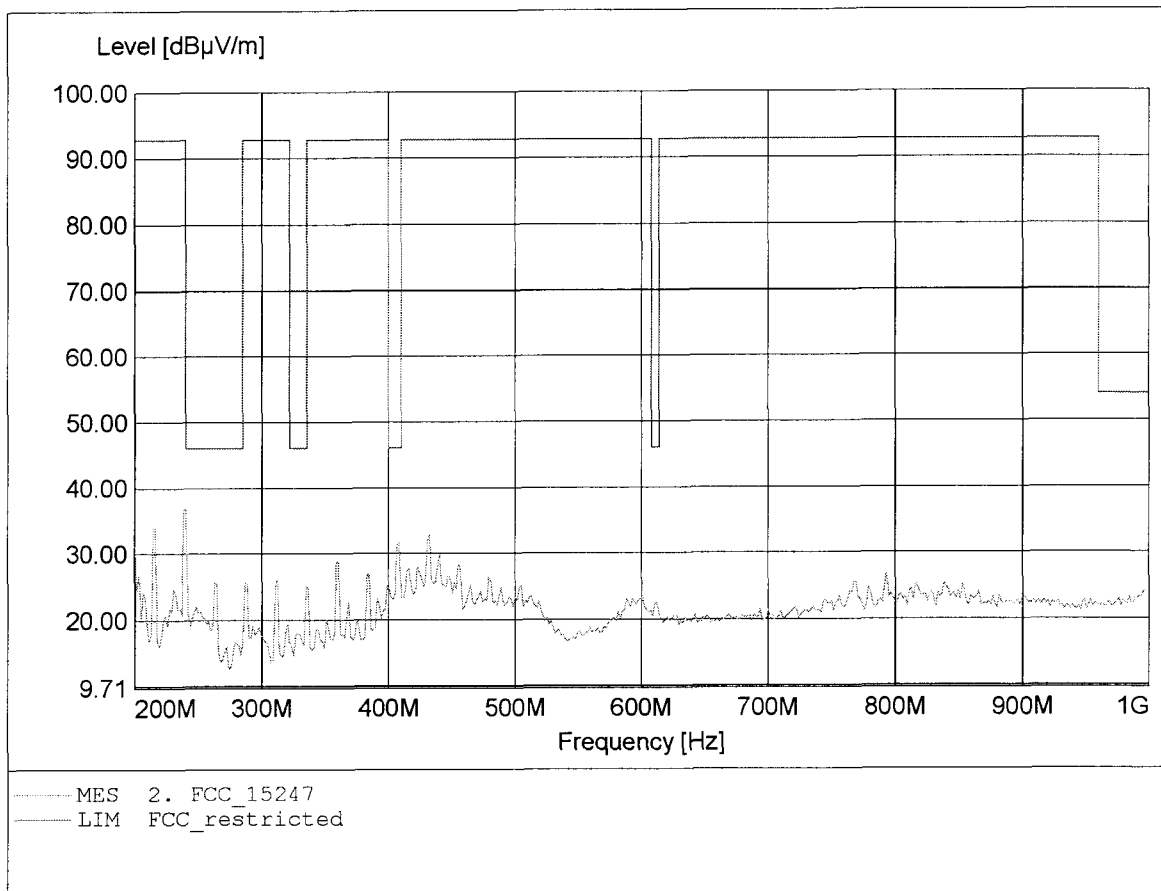
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 33.11dBµV/m, RBW: 100kHz



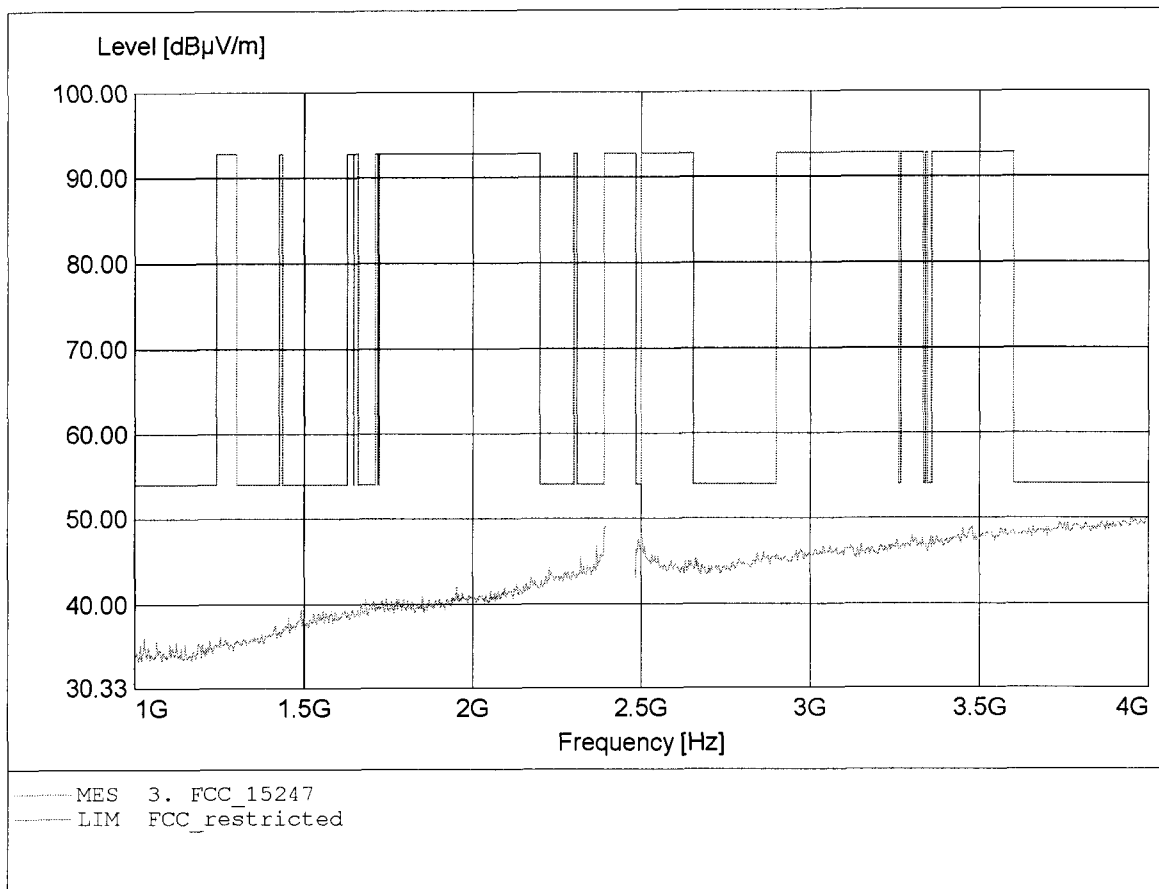
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 36.77dBµV/m, RBW: 100kHz



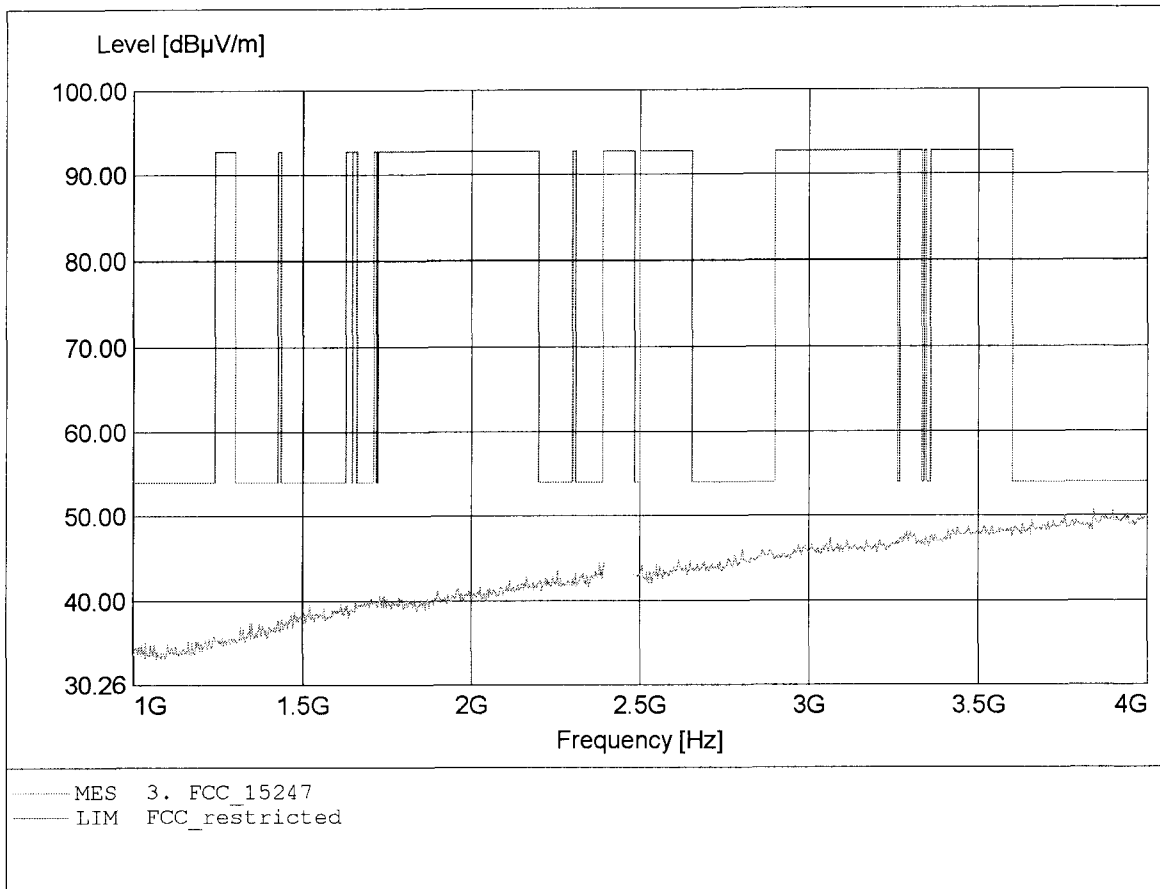
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.948GHz, Emax: 49.99dBµV/m, RBW: 1MHz



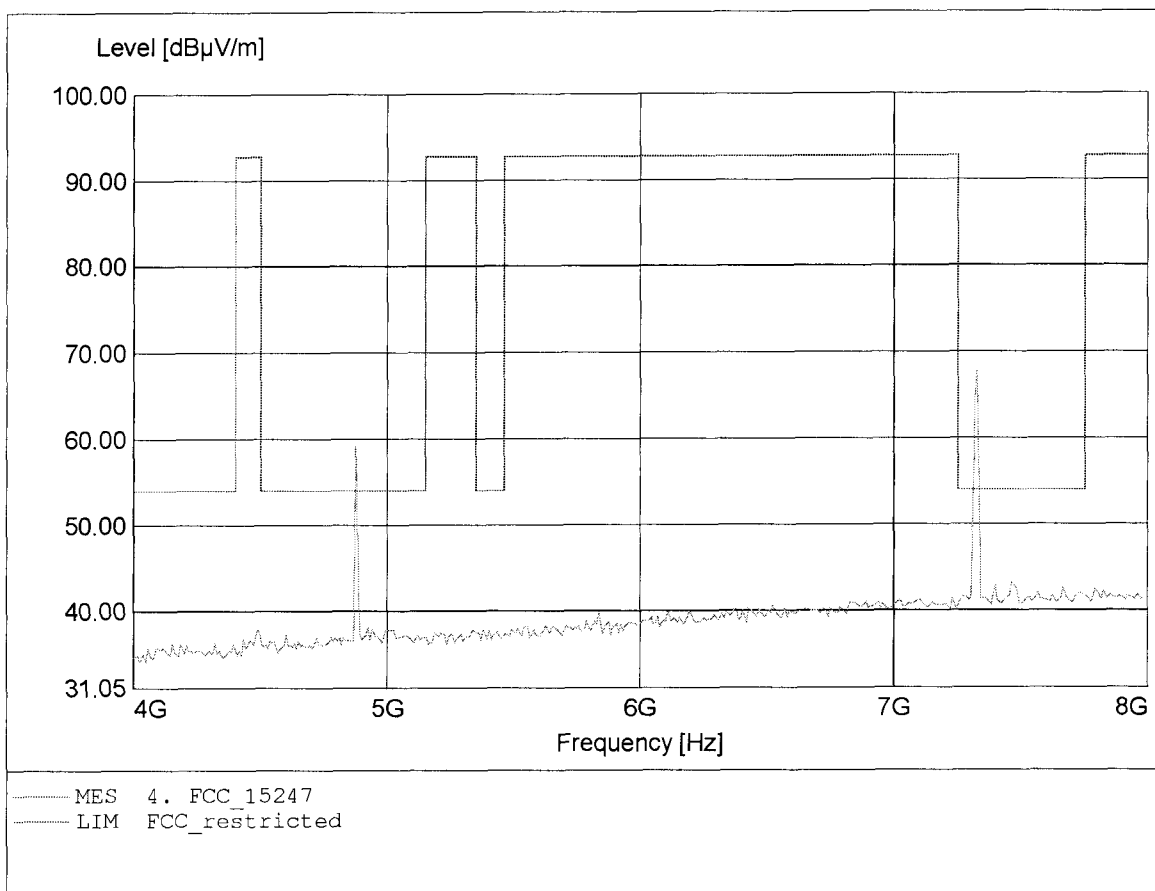
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.839GHz, Emax: 50.60dBµV/m, RBW: 1MHz



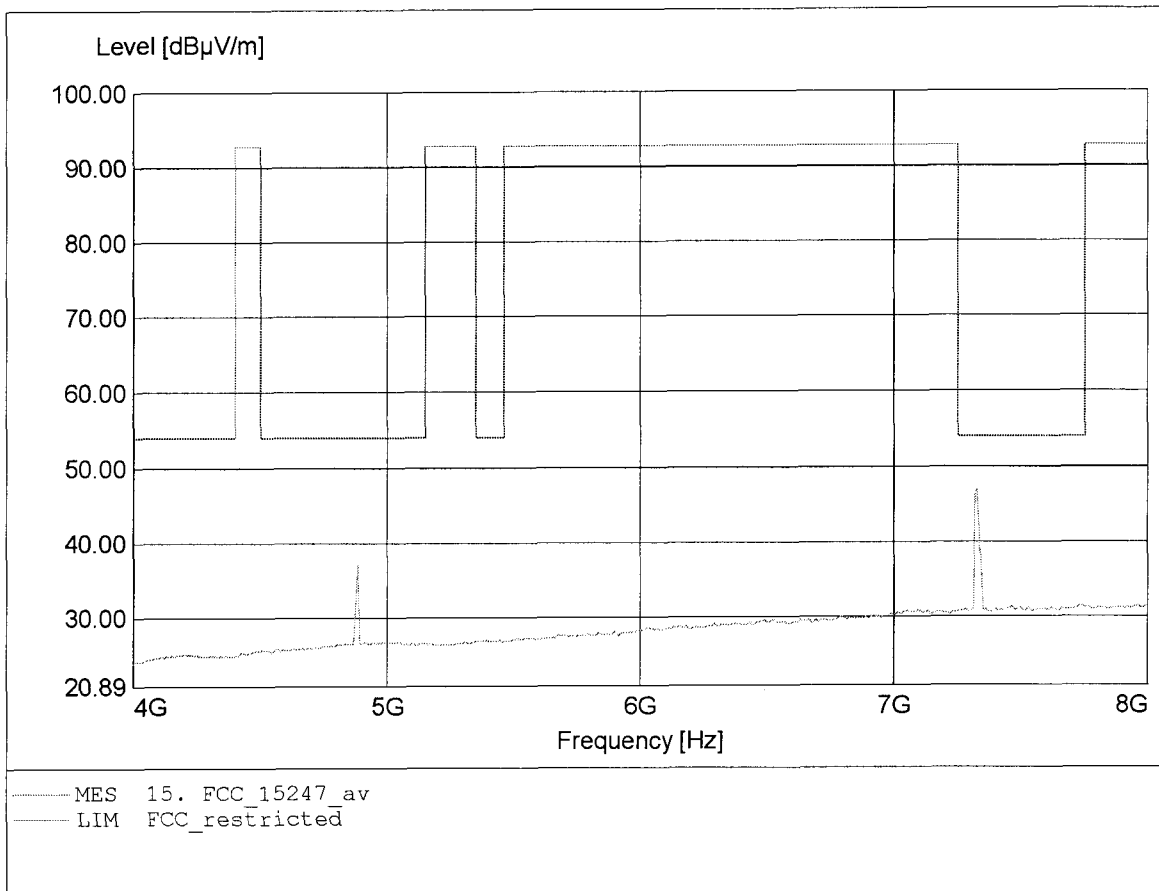
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 67.70dBµV/m, RBW: 1MHz



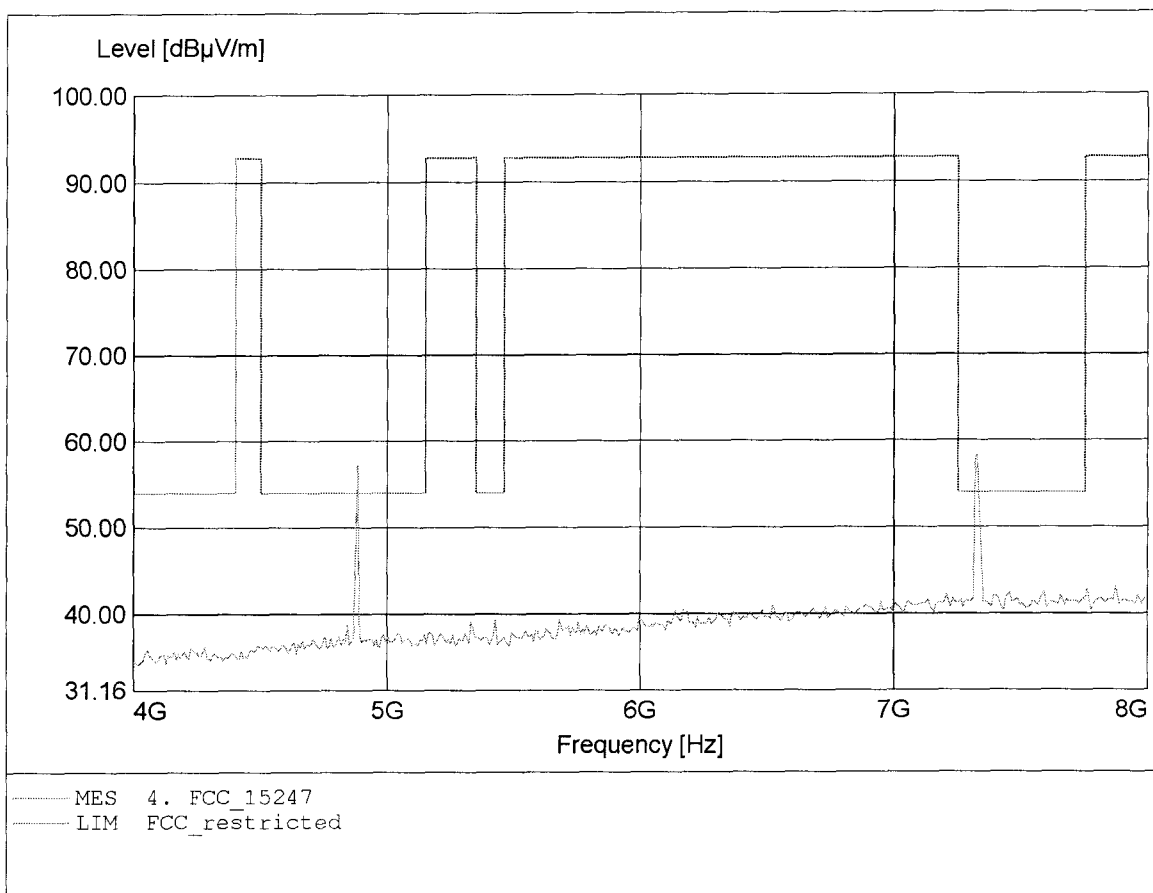
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 46.85dBµV/m, RBW: 1MHz



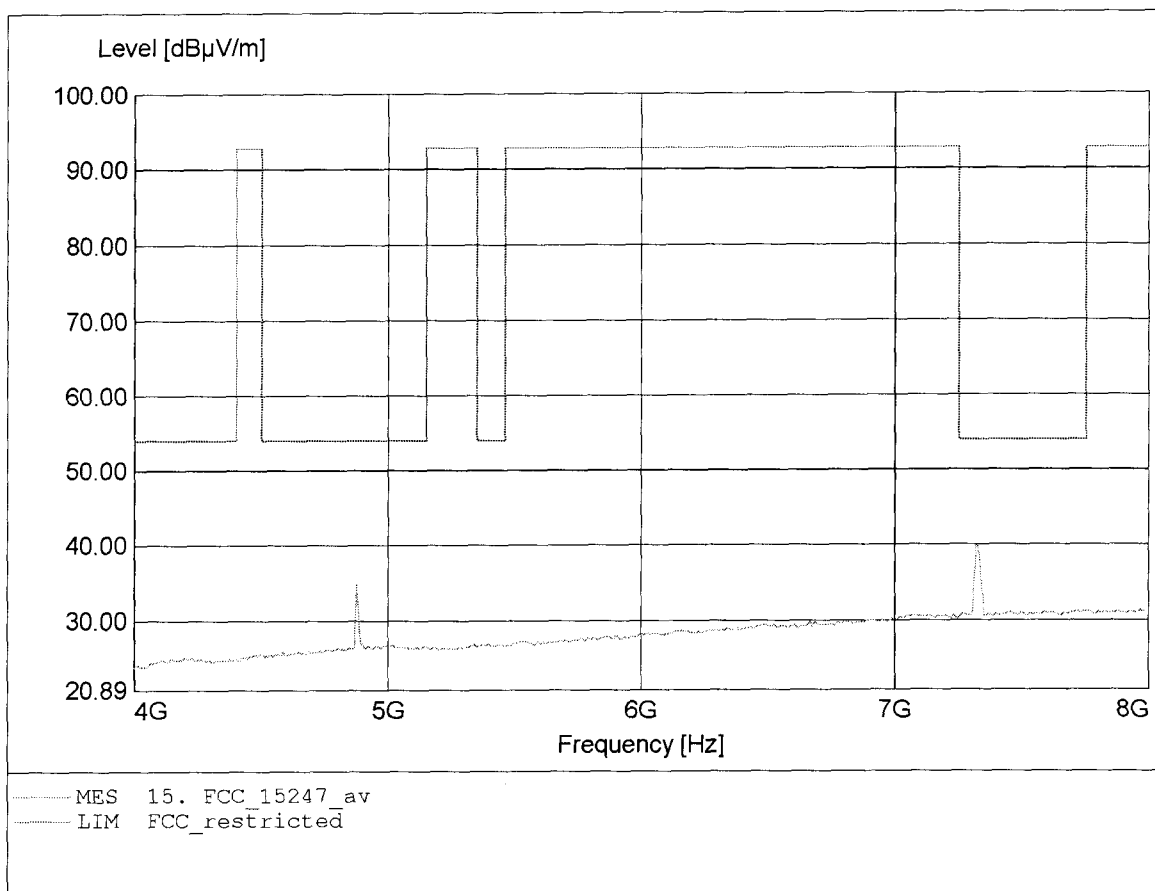
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 58.36dBµV/m, RBW: 1MHz



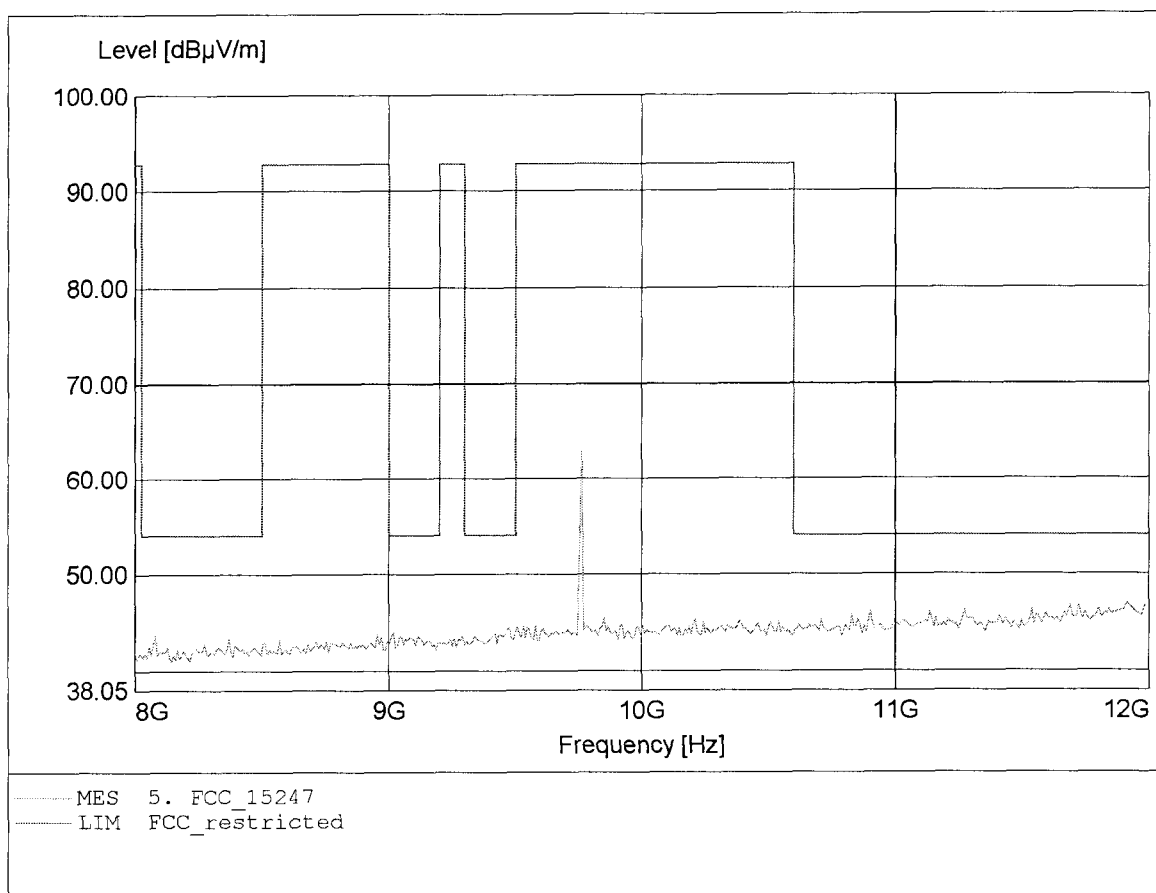
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.319GHz, Emax: 39.89dBµV/m, RBW: 1MHz



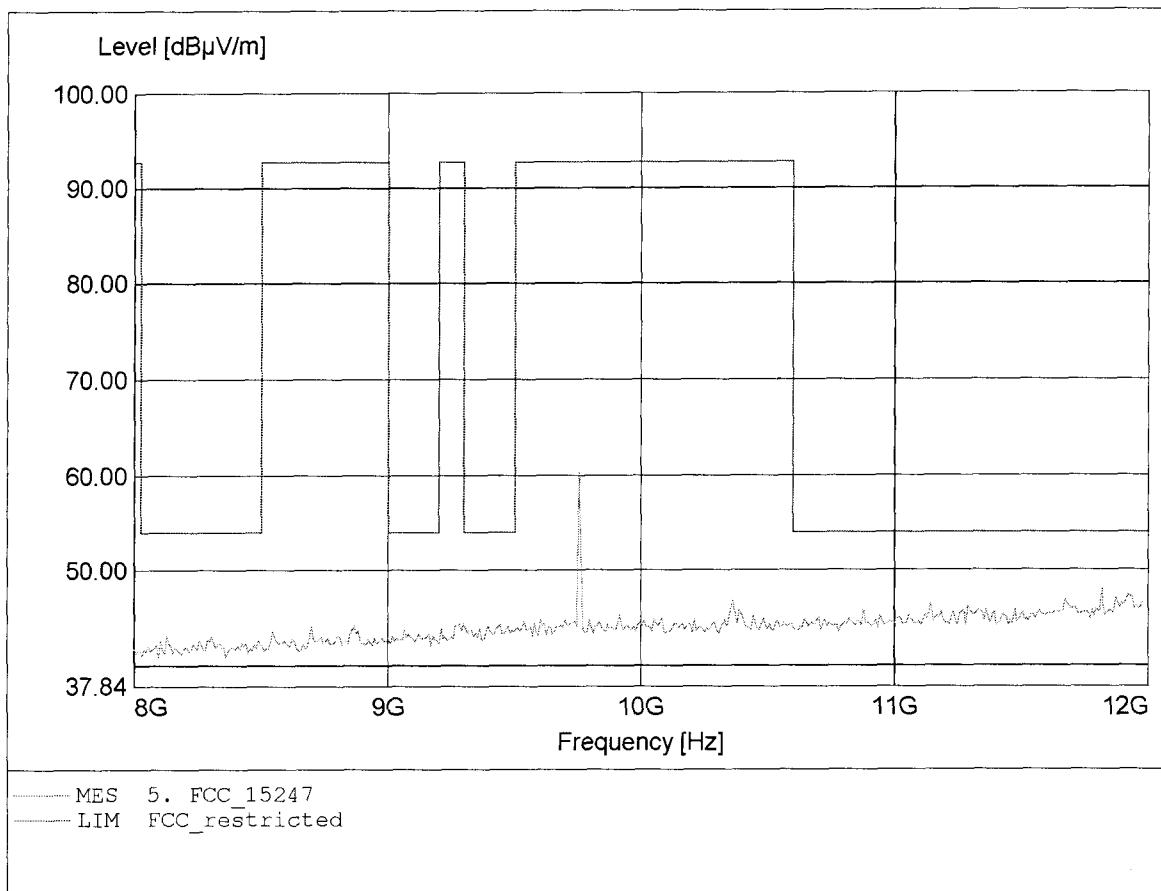
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 62.90dBµV/m, RBW: 1MHz



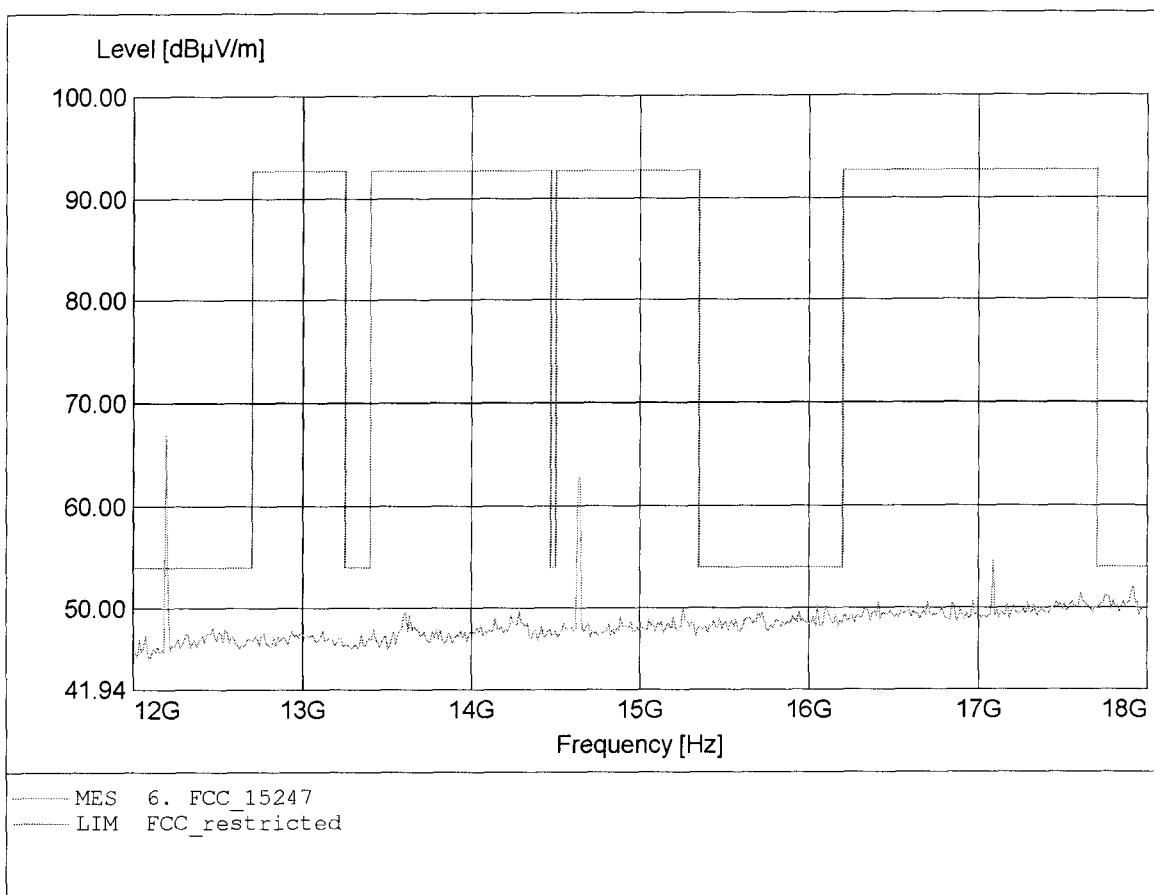
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.756GHz, Emax: 60.41dBµV/m, RBW: 1MHz



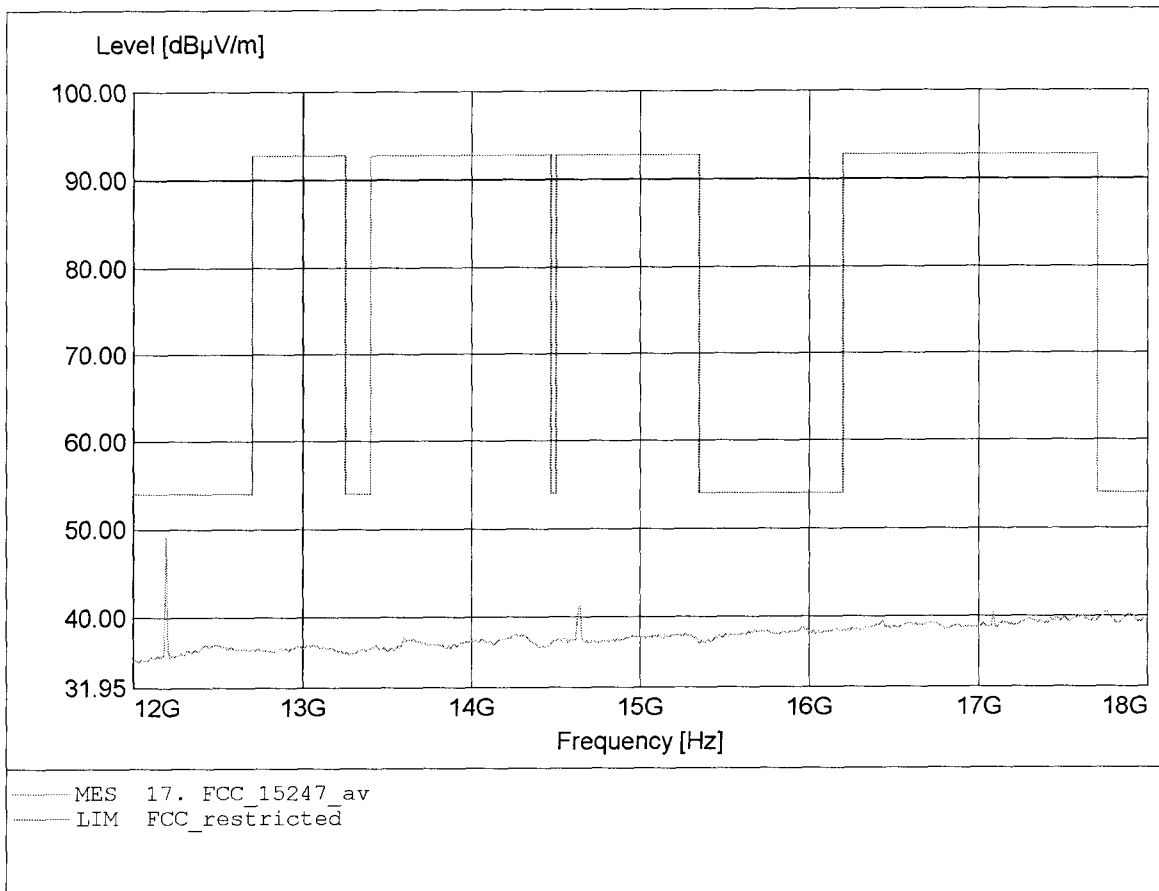
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 66.94dBµV/m, RBW: 1MHz



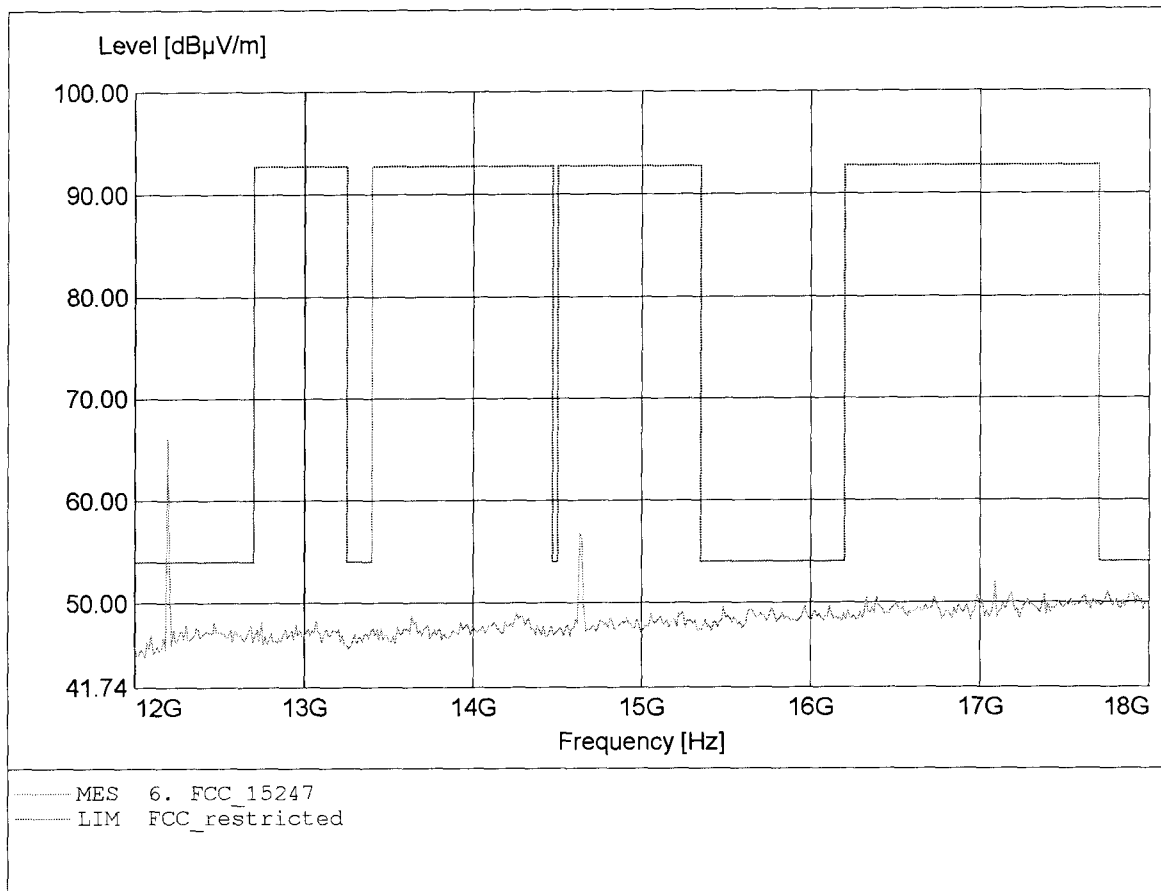
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 49.30dBµV/m, RBW: 1MHz



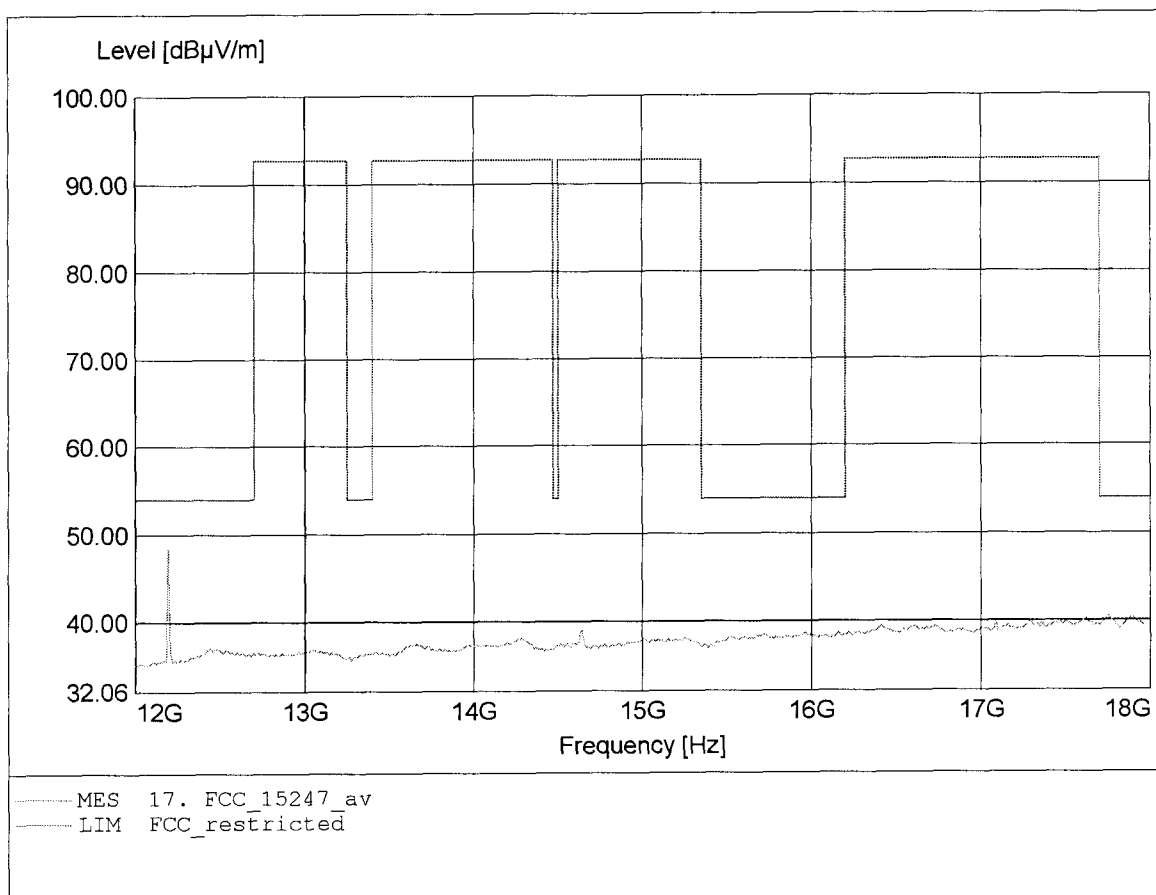
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 66.09dBµV/m, RBW: 1MHz



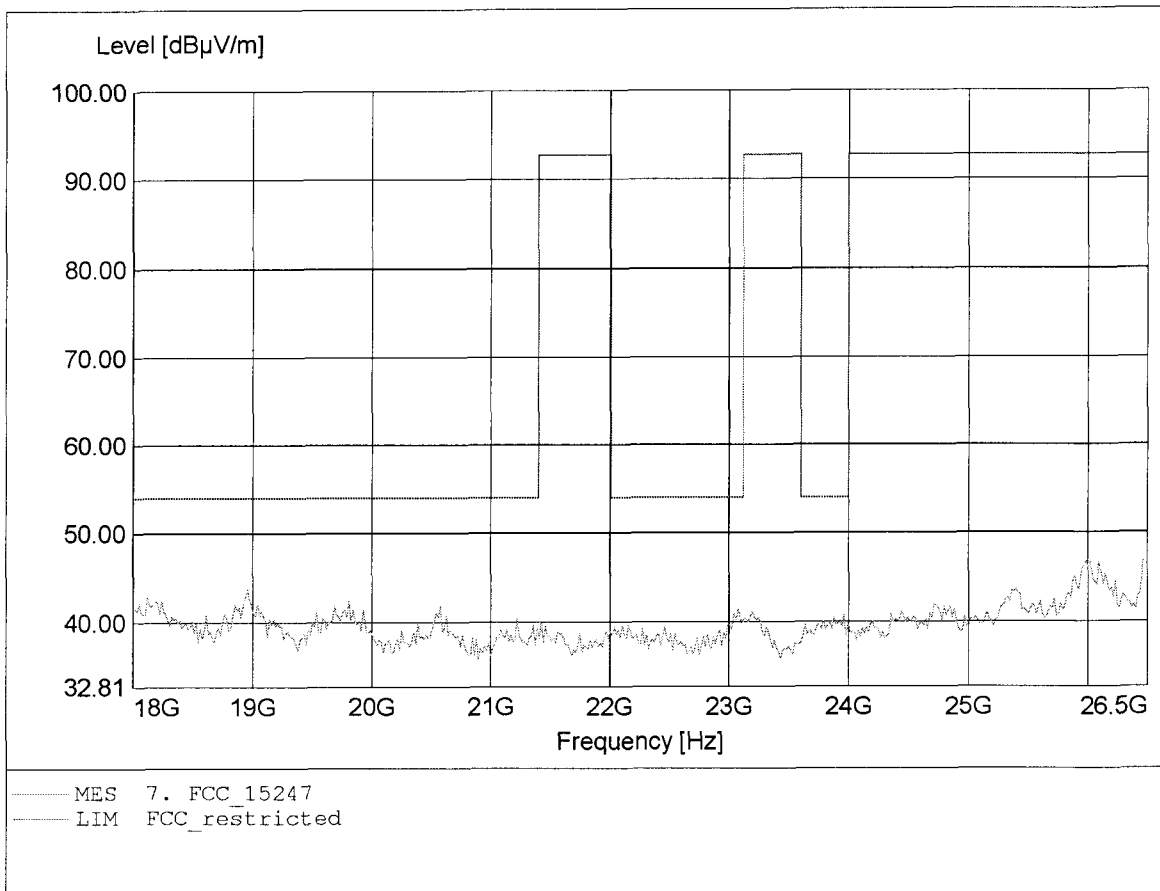
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 48.44dBµV/m, RBW: 1MHz



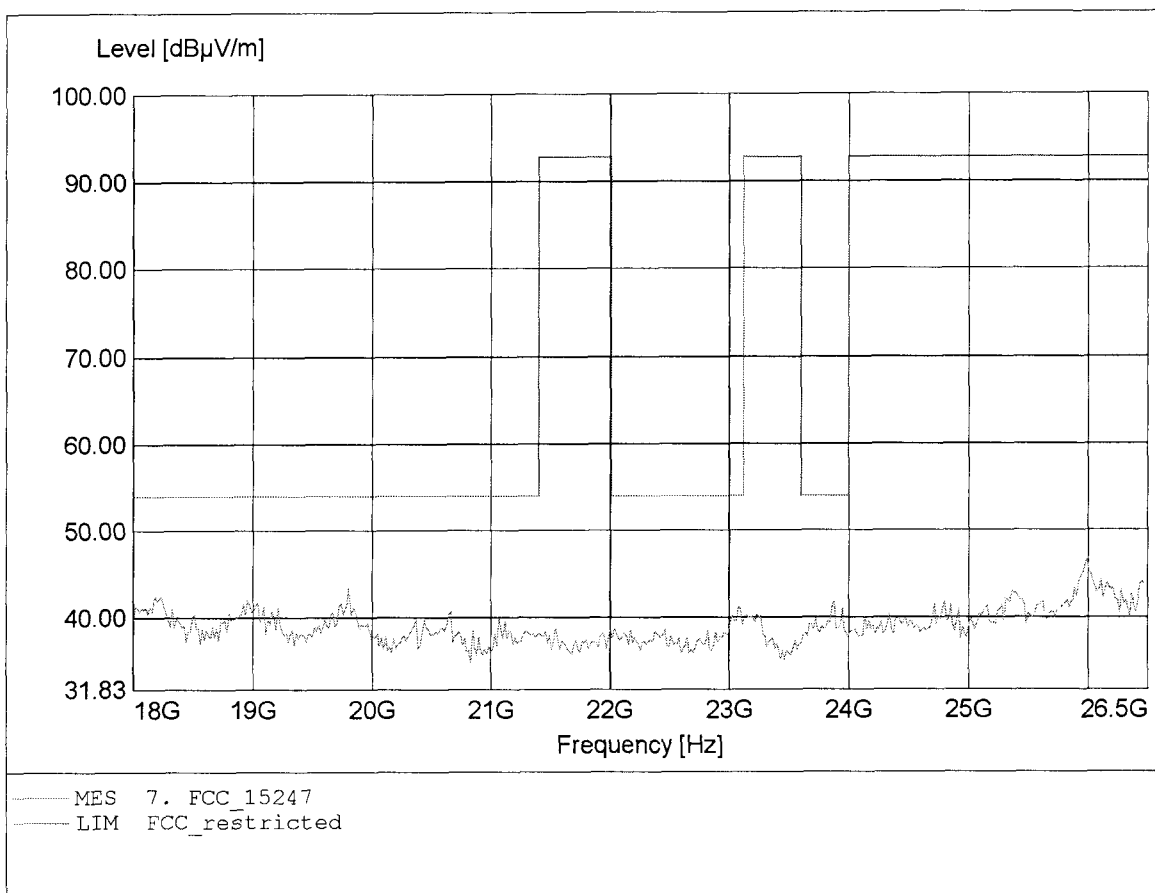
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.466GHz, Emax: 46.83dBµV/m, RBW: 1MHz



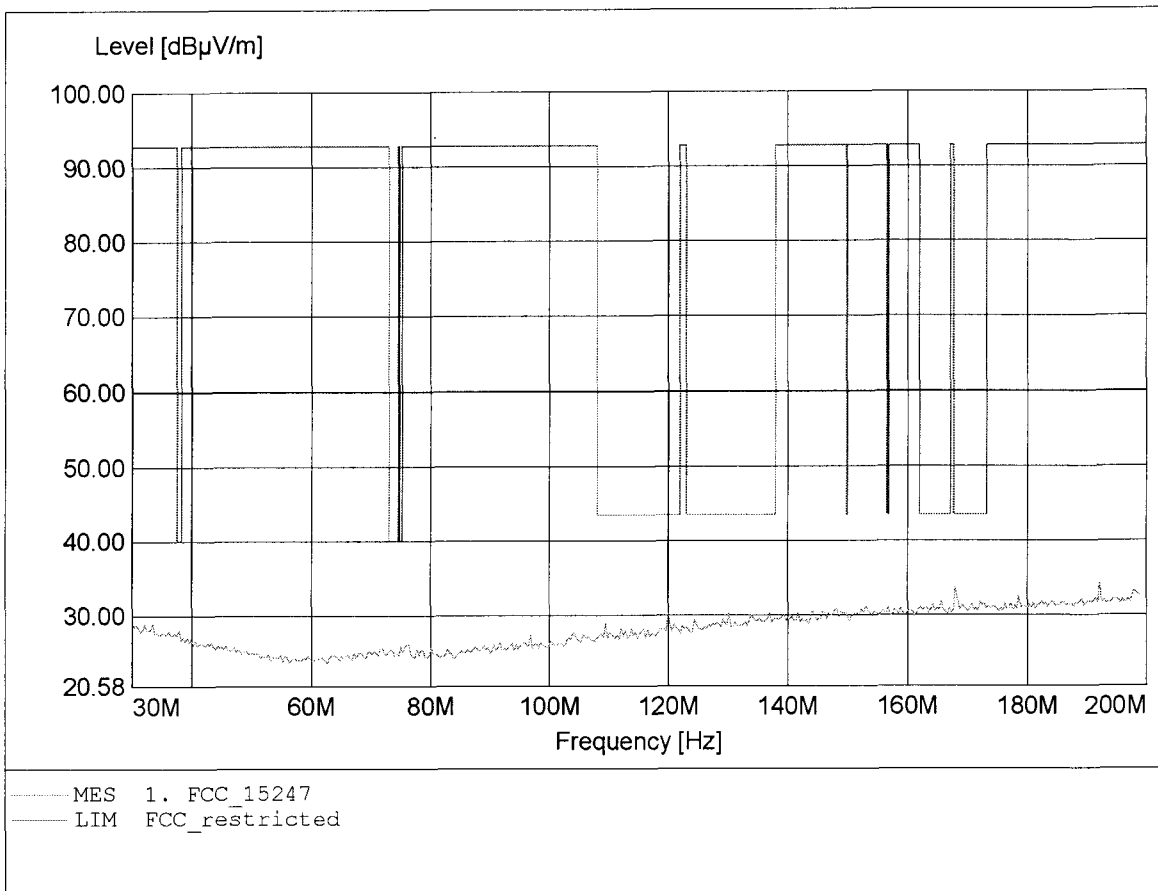
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Emax: 46.64dBµV/m, RBW: 1MHz



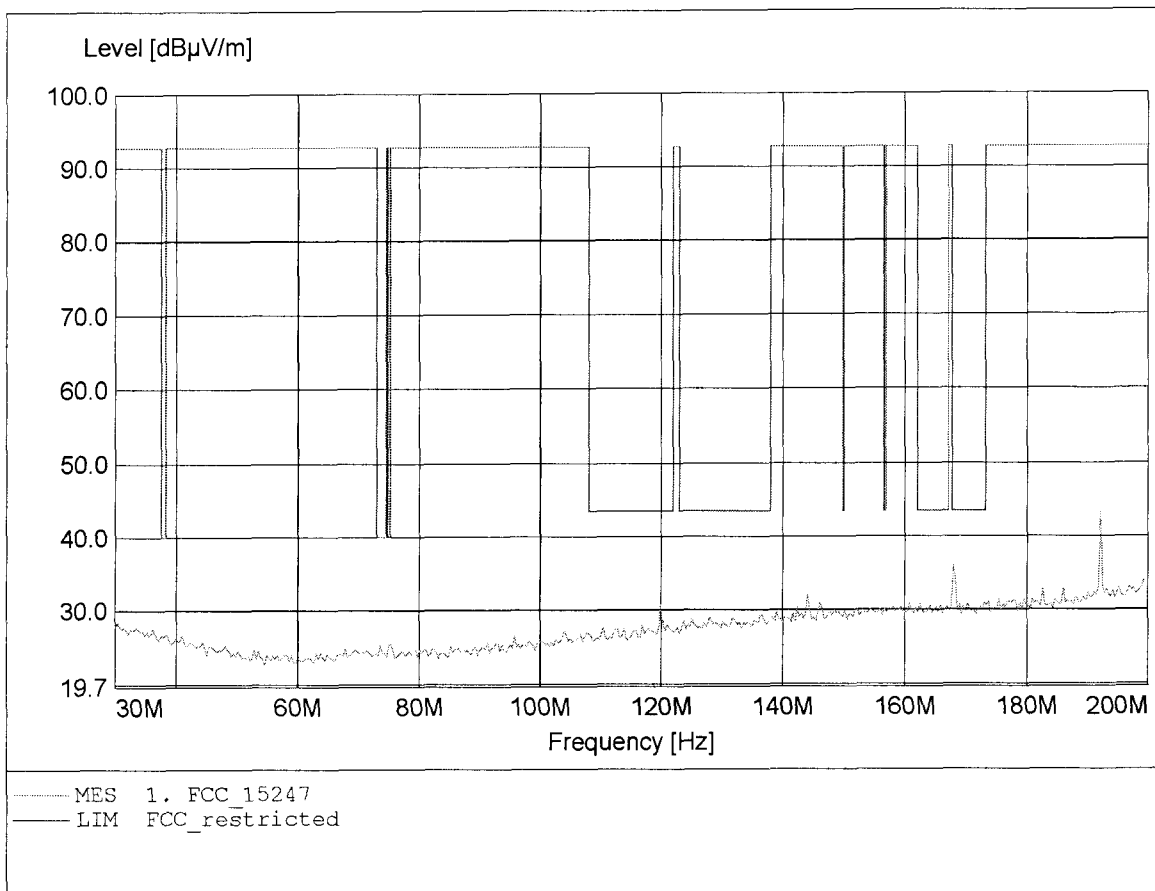
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 34.29dBµV/m, RBW: 100kHz



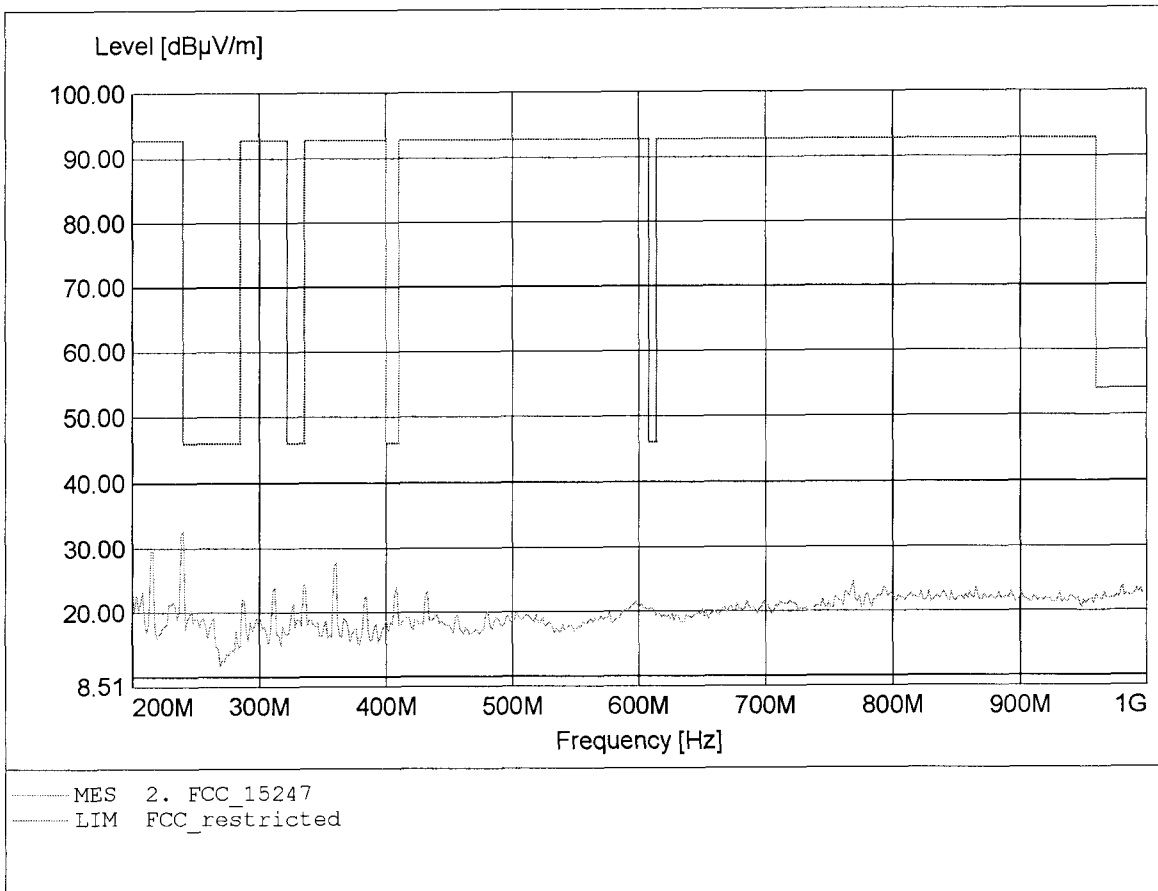
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 43.57dBµV/m, RBW: 100kHz



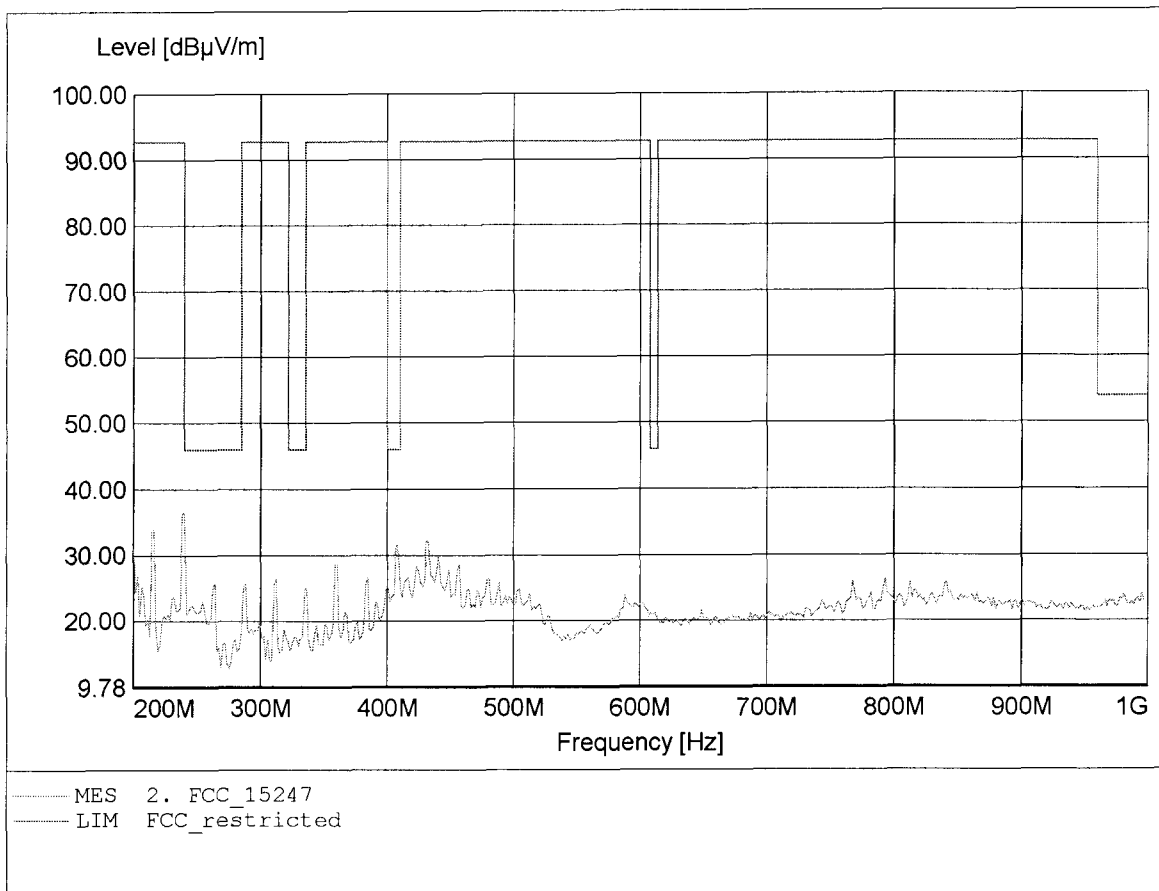
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 32.63dBµV/m, RBW: 100kHz



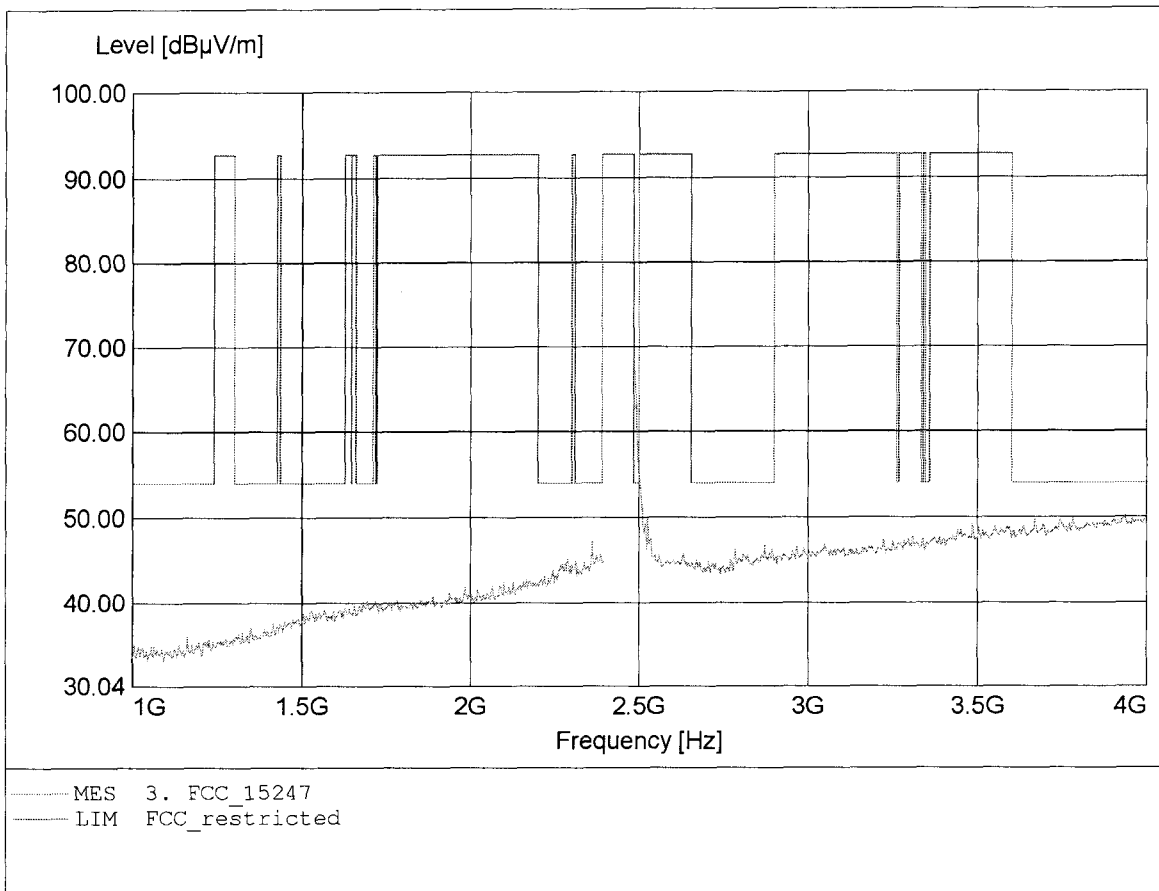
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 36.49dBµV/m, RBW: 100kHz



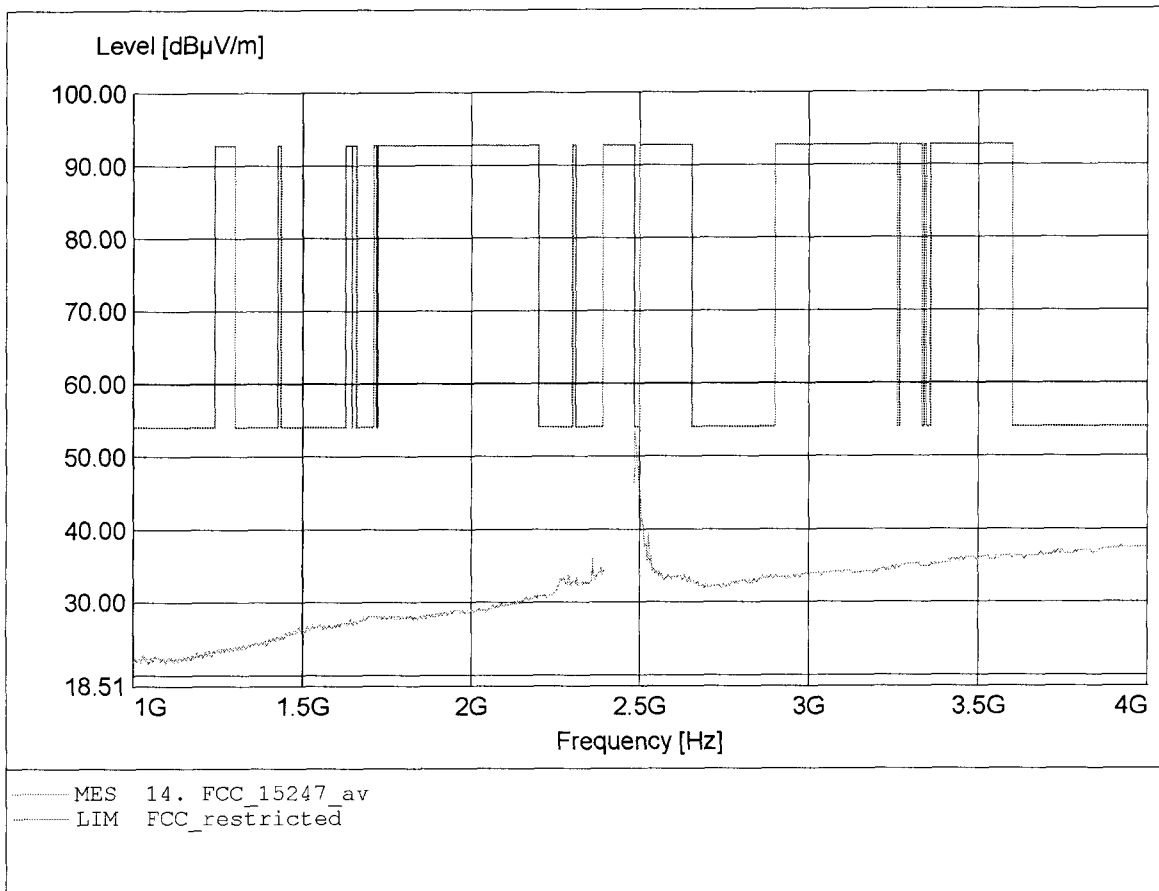
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.487GHz, Emax: 68.14dBµV/m, RBW: 1MHz



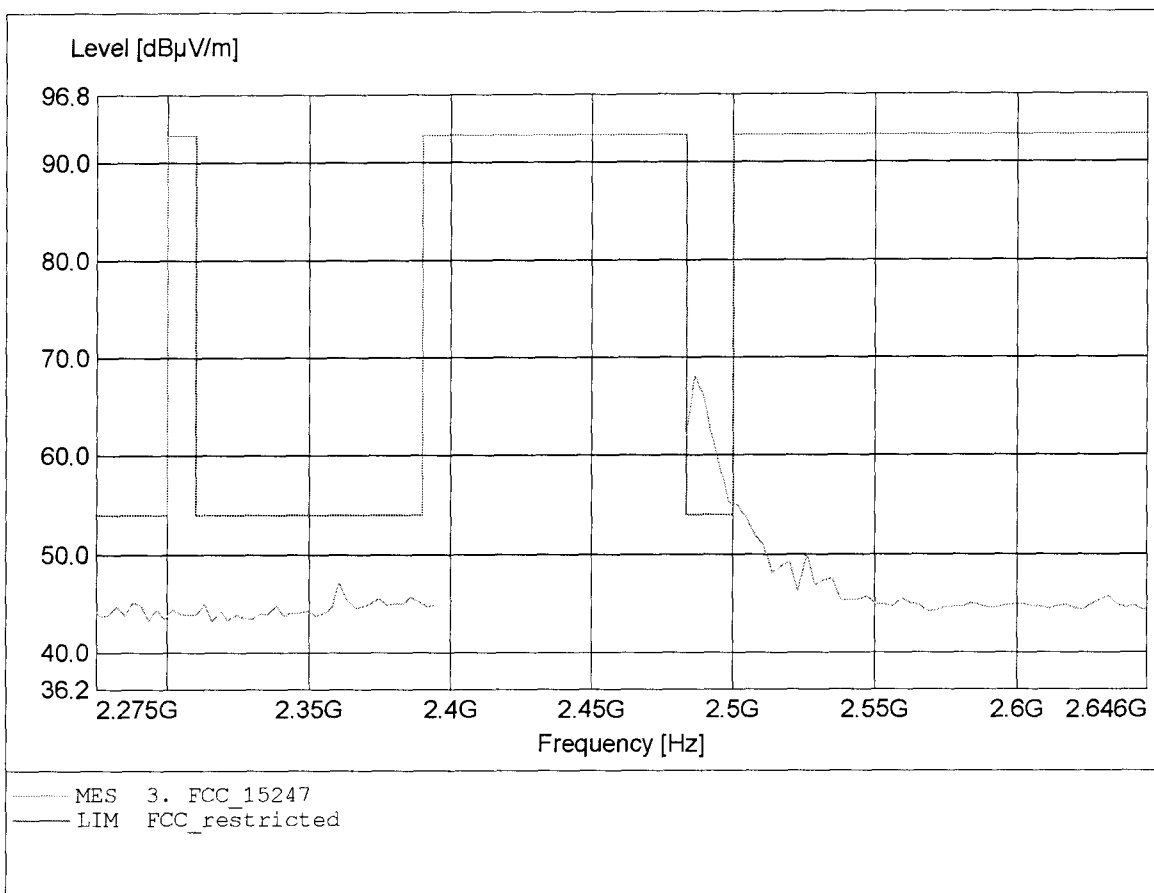
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.487GHz, Emax: 53.30dBµV/m, RBW: 1MHz



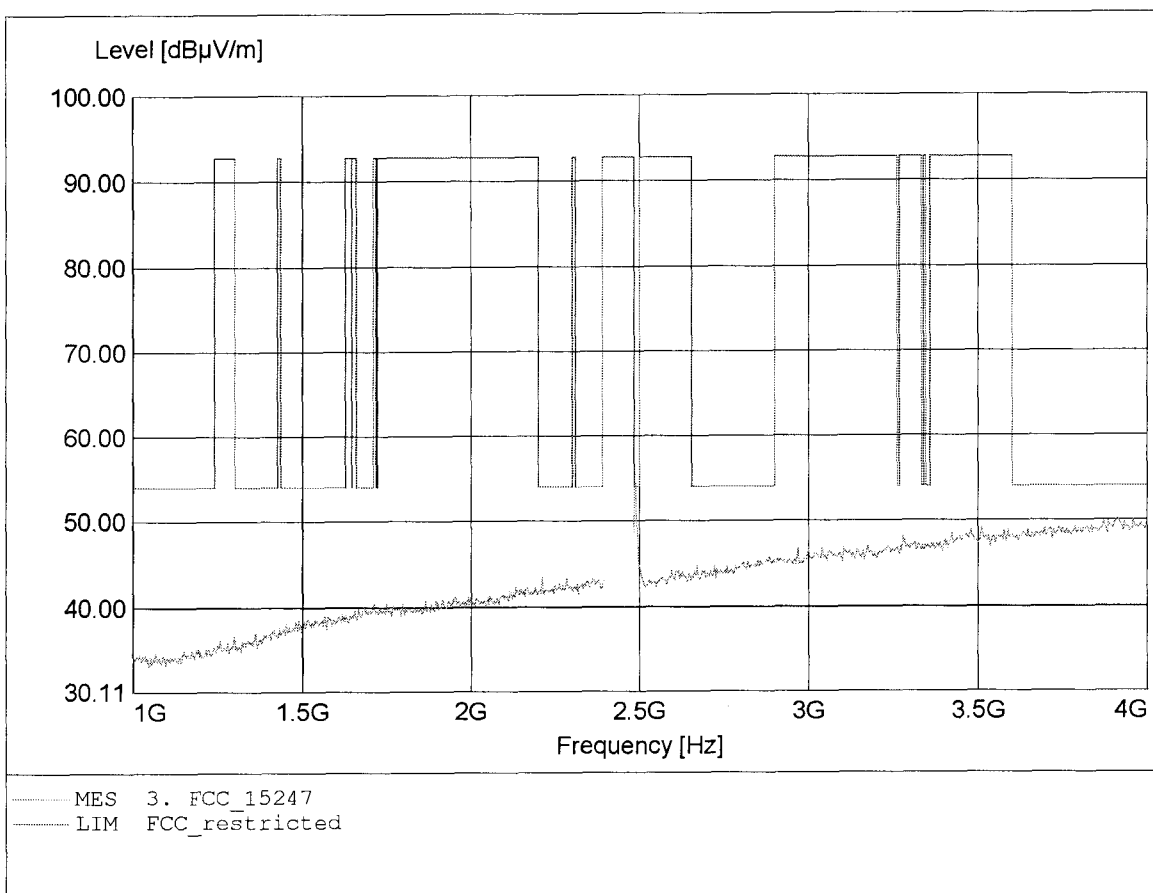
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.487GHz, Emax: 68.14dBµV/m, RBW: 1MHz



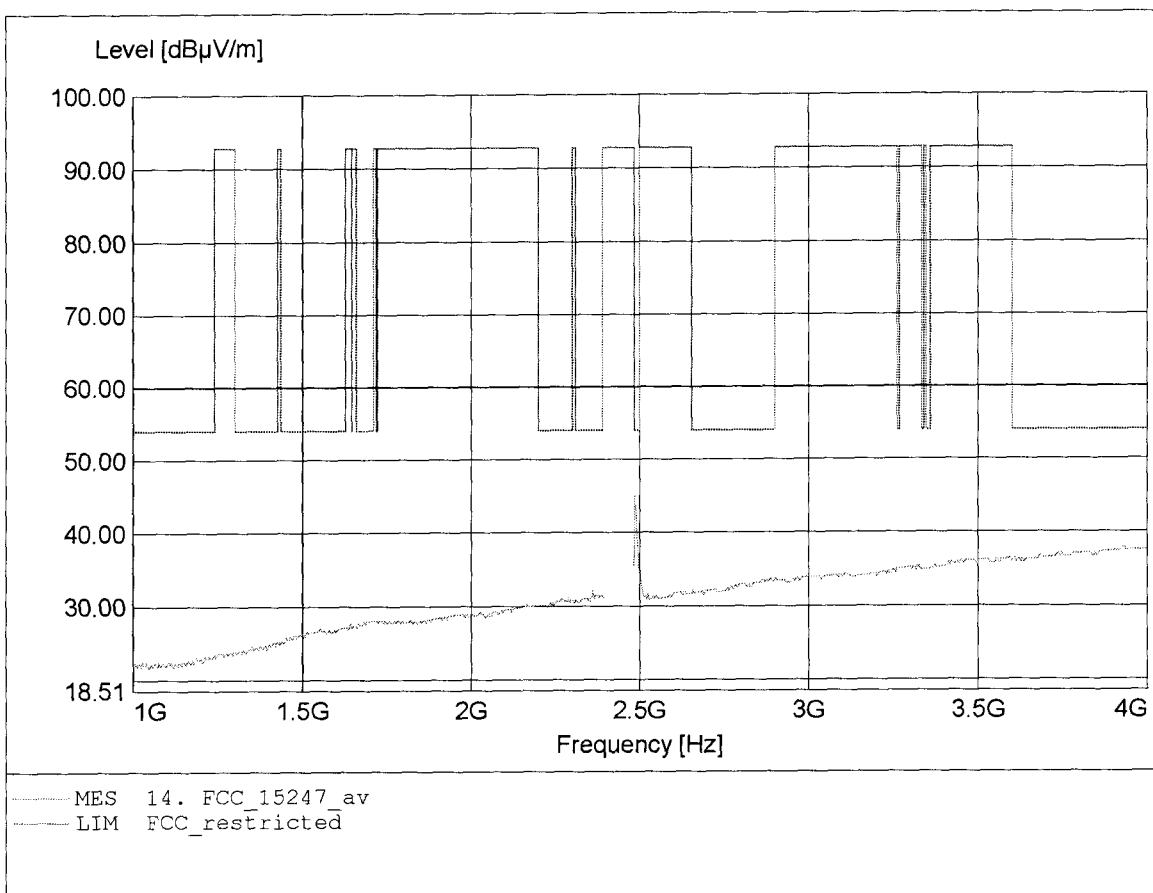
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.487GHz, Emax: 55.55dBµV/m, RBW: 1MHz



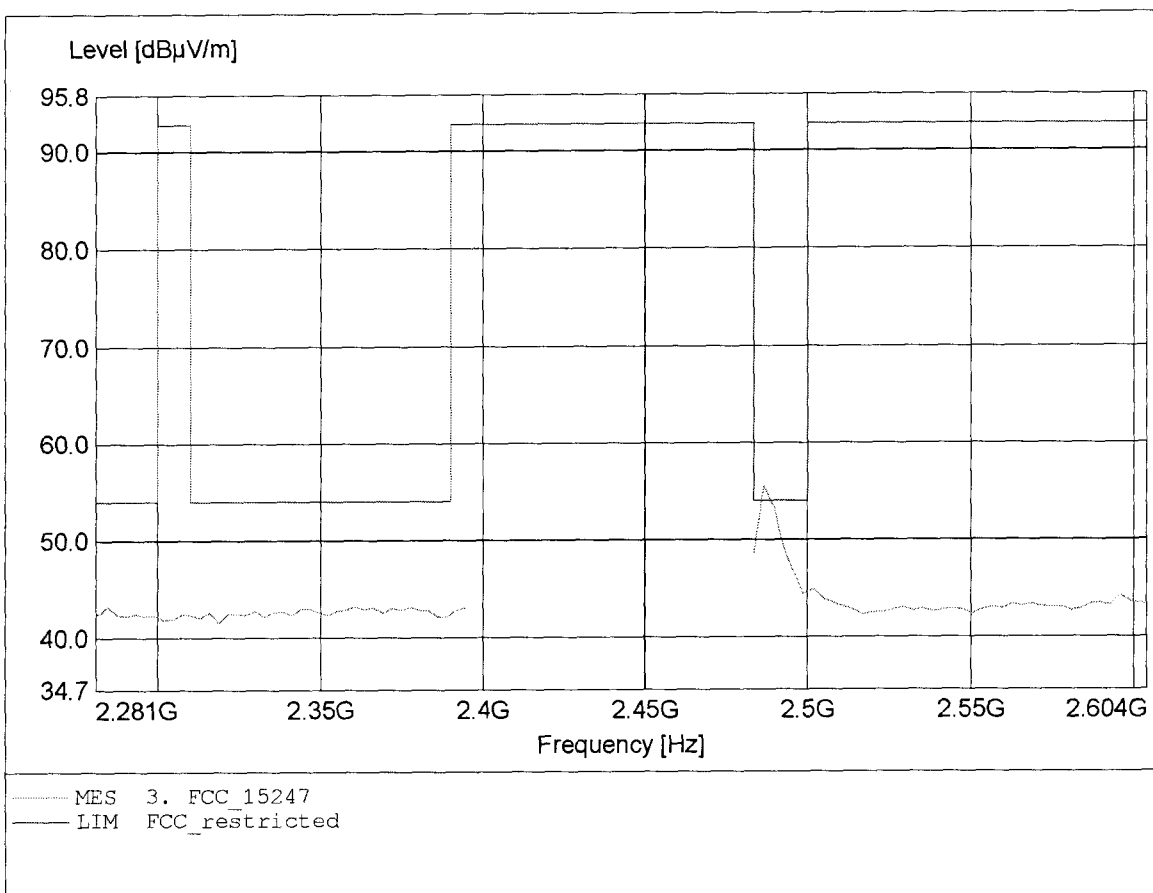
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.487GHz, Emax: 45.16dBµV/m, RBW: 1MHz



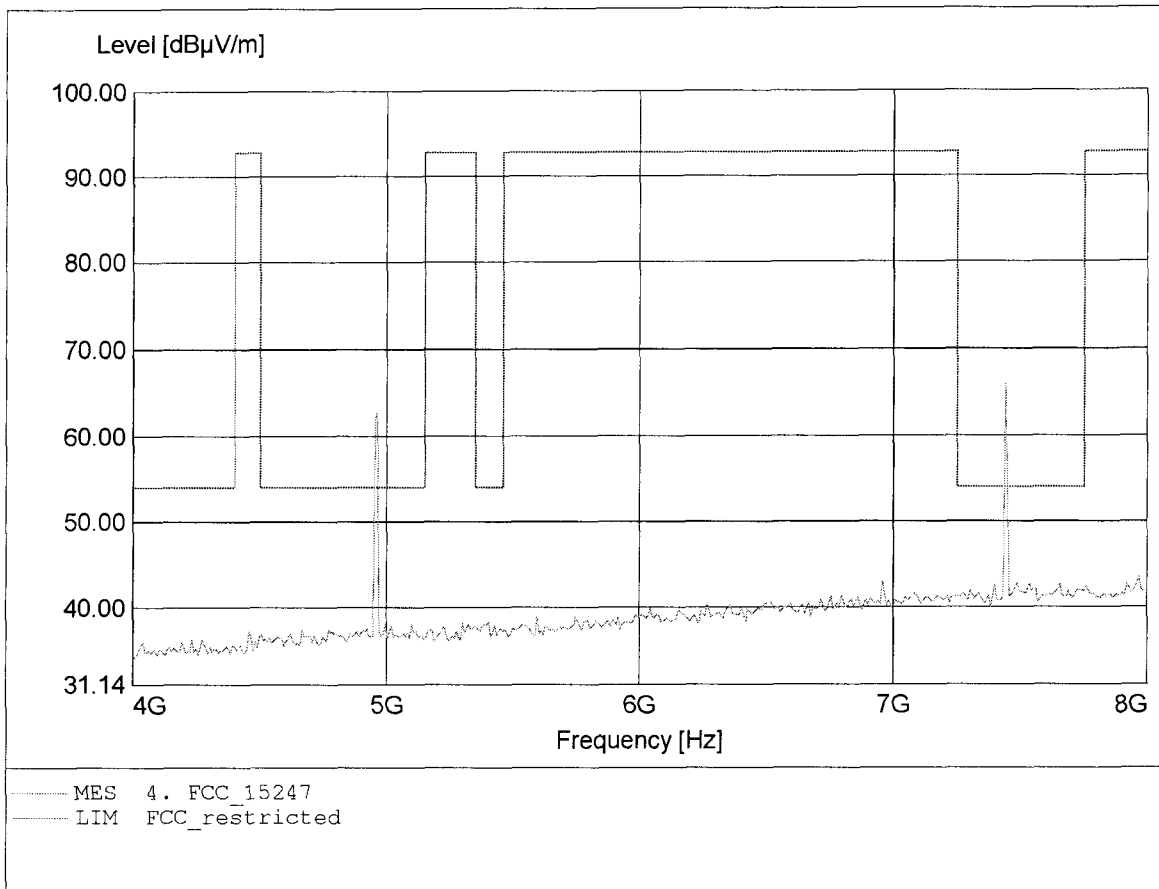
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
 EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
 Mode: Ant.: BKR2400 / Freq.: 2480 MHz
 Test Site / Operator: ETS / Mr. Schlaps
 Operating Conditions: 23°C / Unom.: 3.30 V DC
 Test Specification: according to §15.247, peak detector
 Comment 1: Dist.: 3m, Ant.: HL025, amplif.
 Comment 2: Freq: 2.487GHz, Emax: 55.55dBµV/m, RBW: 1MHz



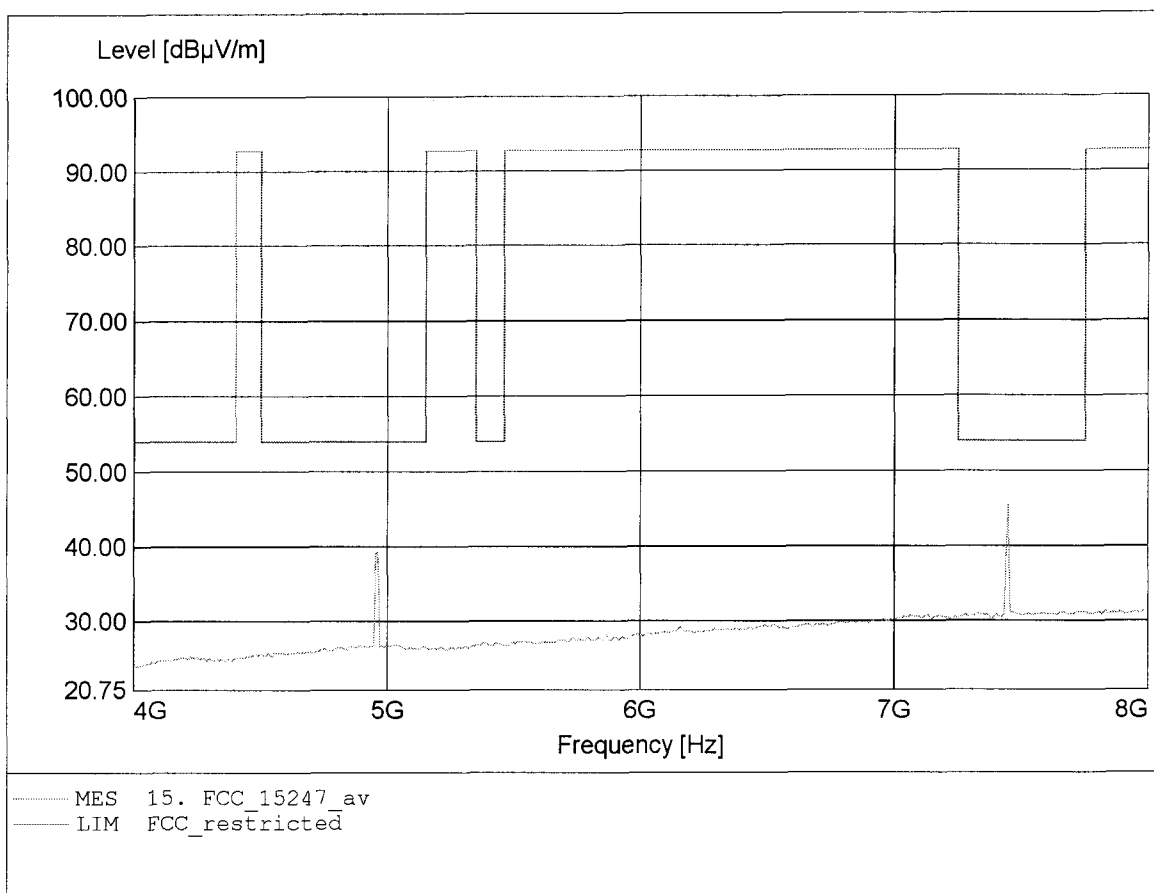
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.439GHz, Emax: 65.95dBµV/m, RBW: 1MHz



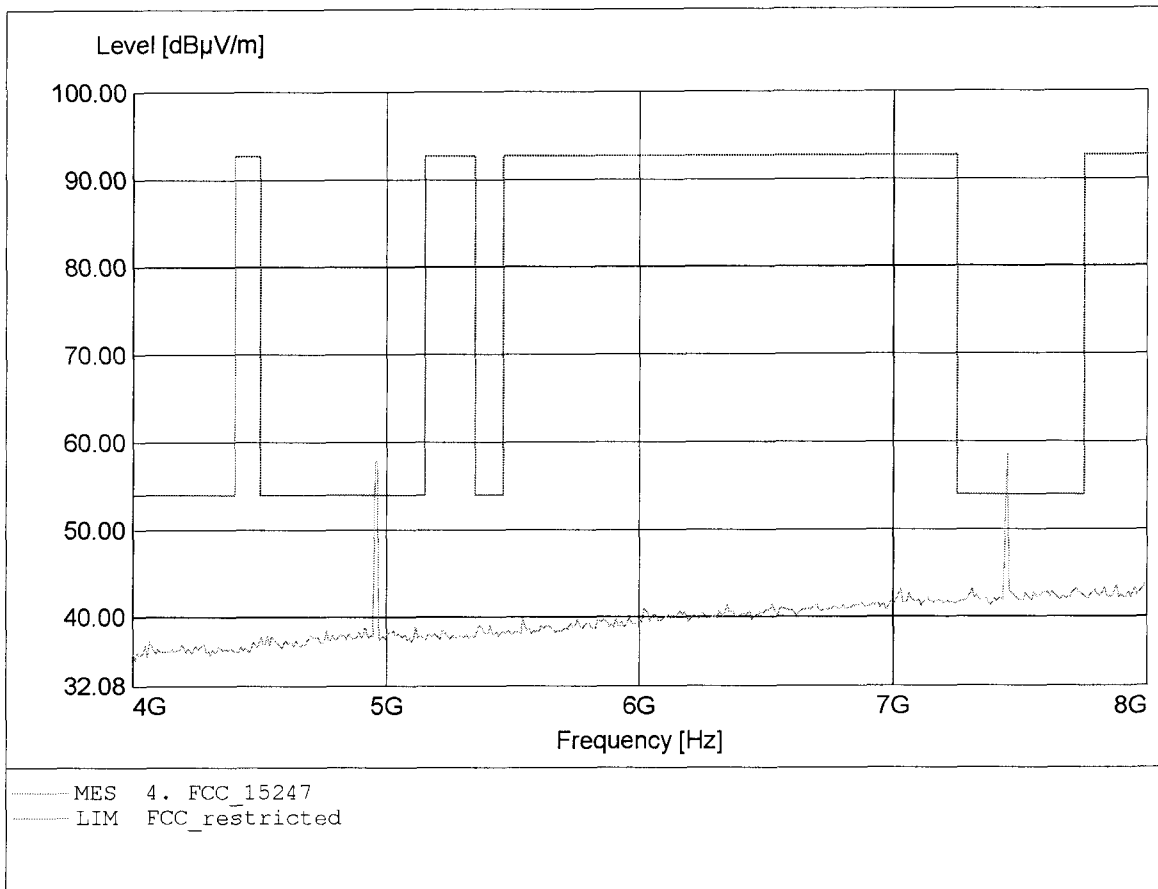
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.447GHz, Emax: 45.46dBµV/m, RBW: 1MHz



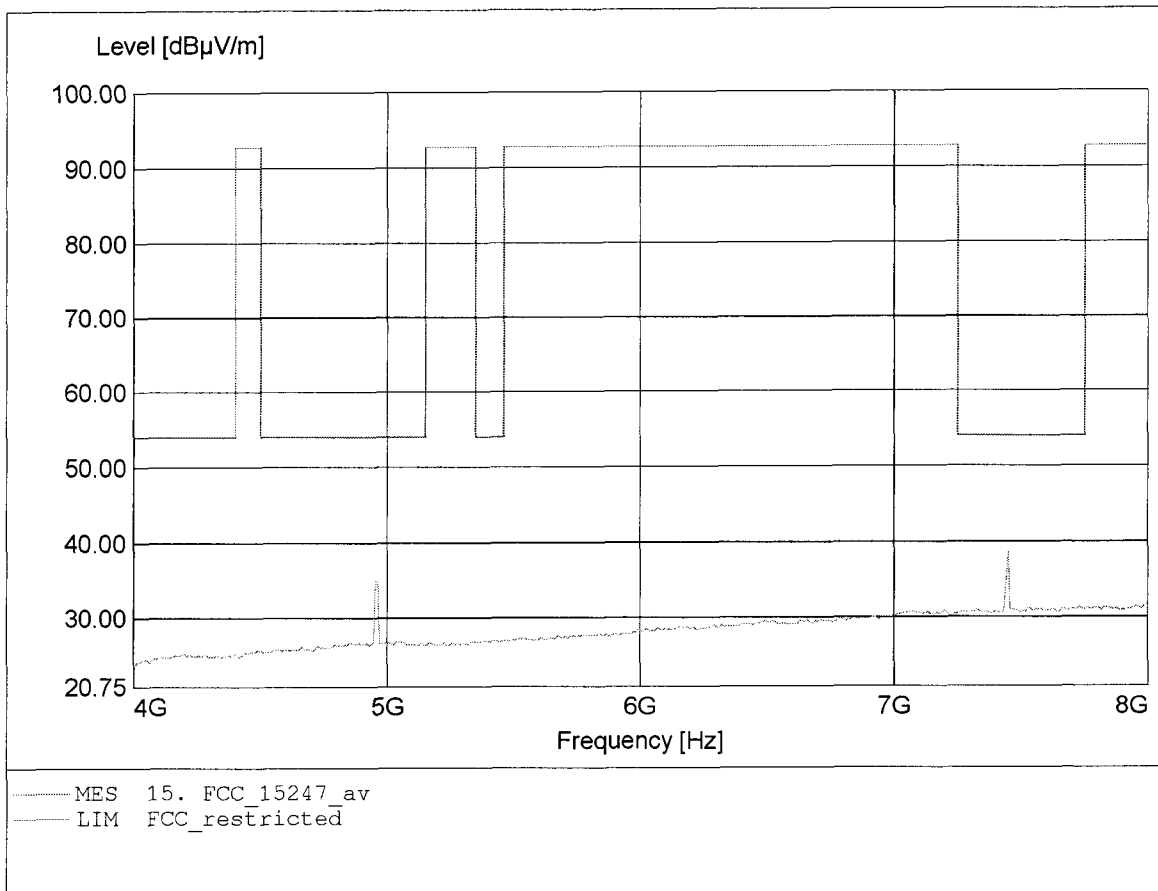
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.447GHz, Emax: 58.63dBµV/m, RBW: 1MHz



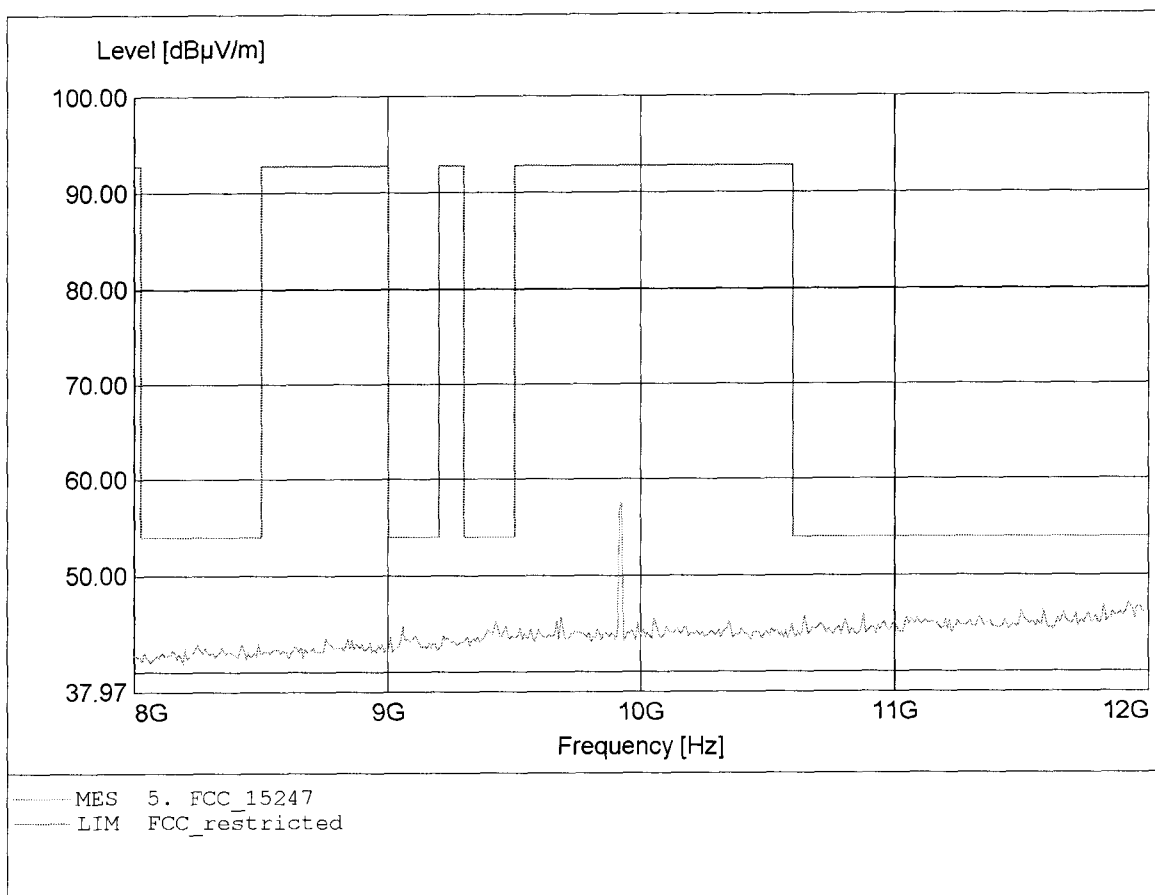
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.447GHz, Emax: 38.67dBµV/m, RBW: 1MHz



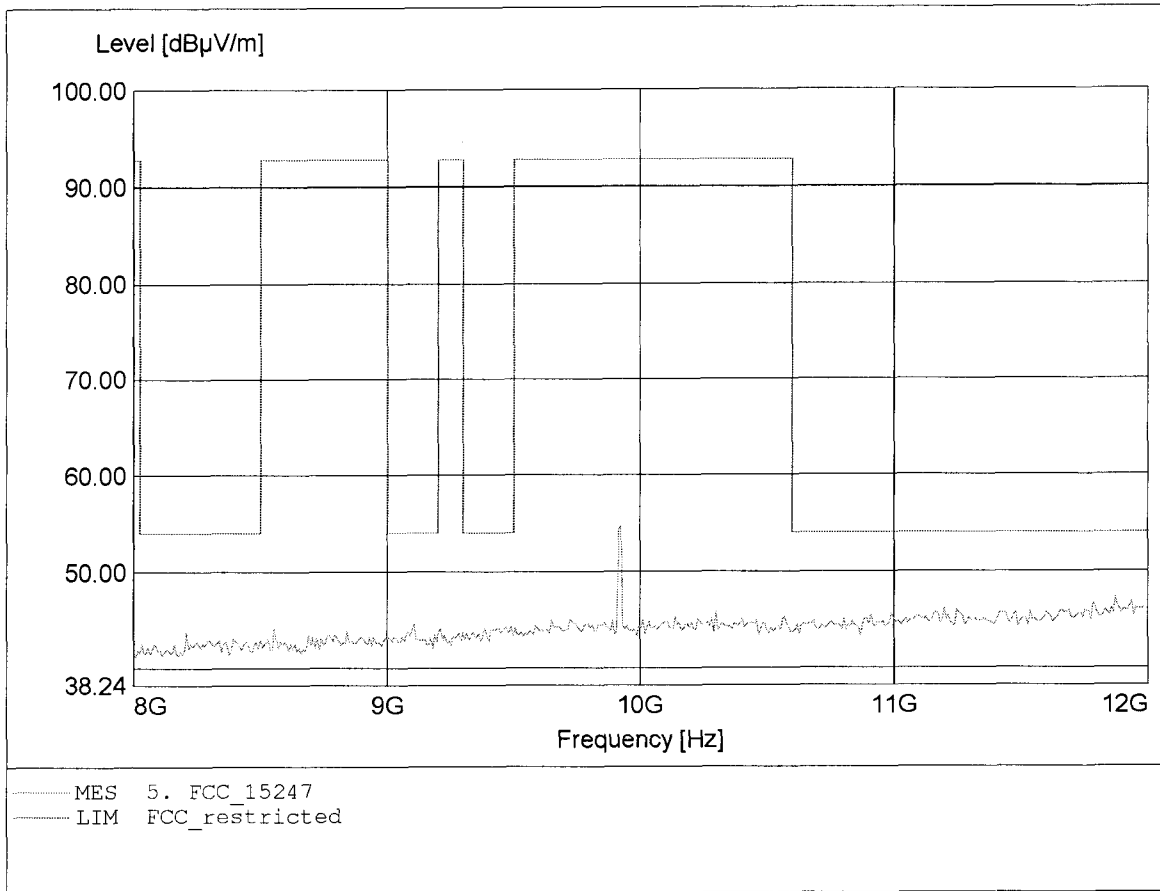
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.924GHz, Emax: 57.54dBµV/m, RBW: 1MHz



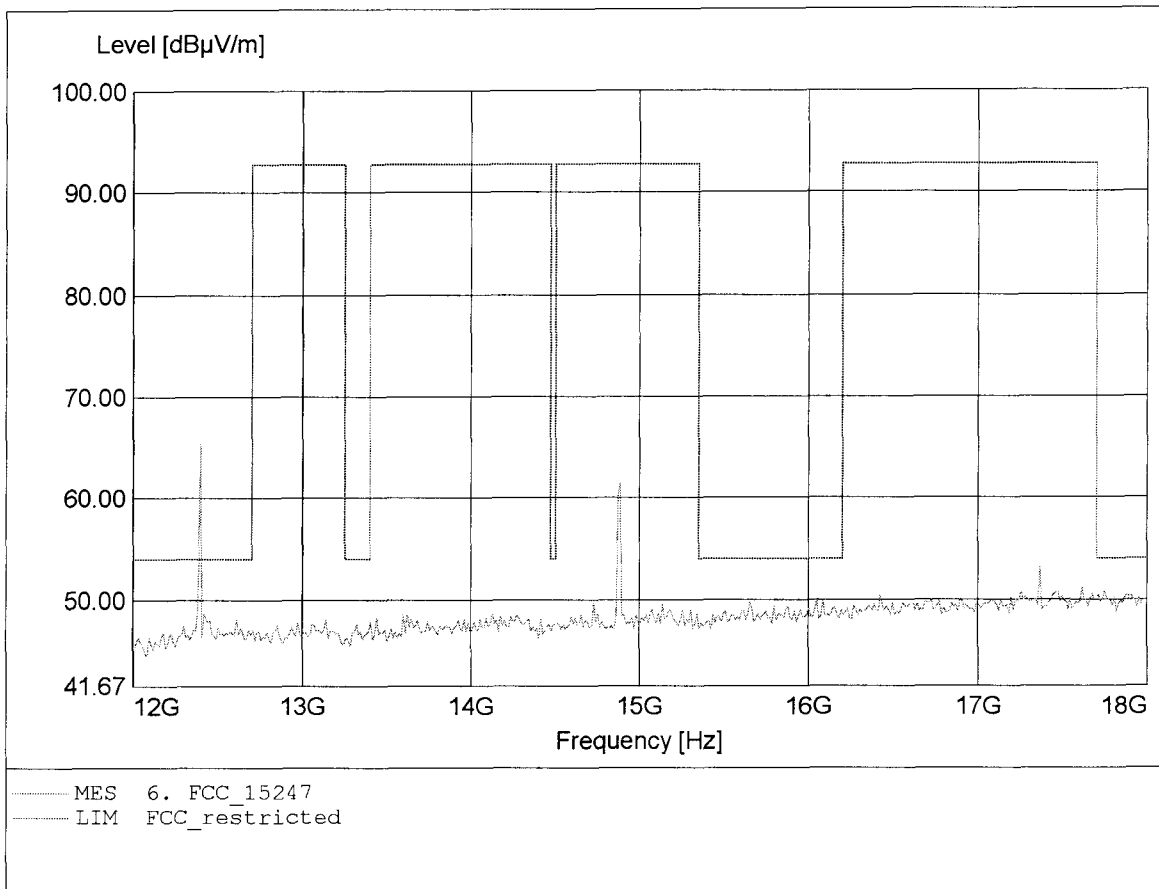
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.924GHz, Emax: 54.72dBµV/m, RBW: 1MHz



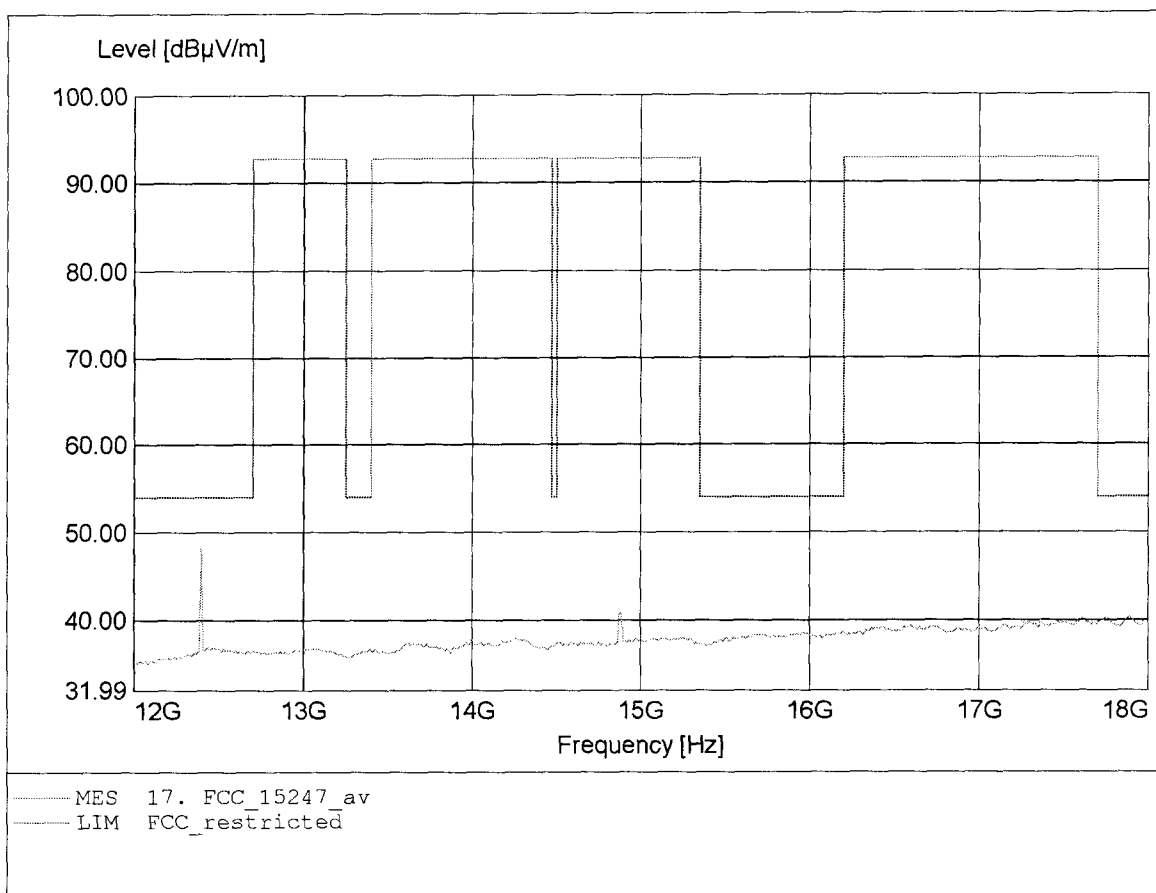
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.397GHz, Emax: 65.46dBµV/m, RBW: 1MHz



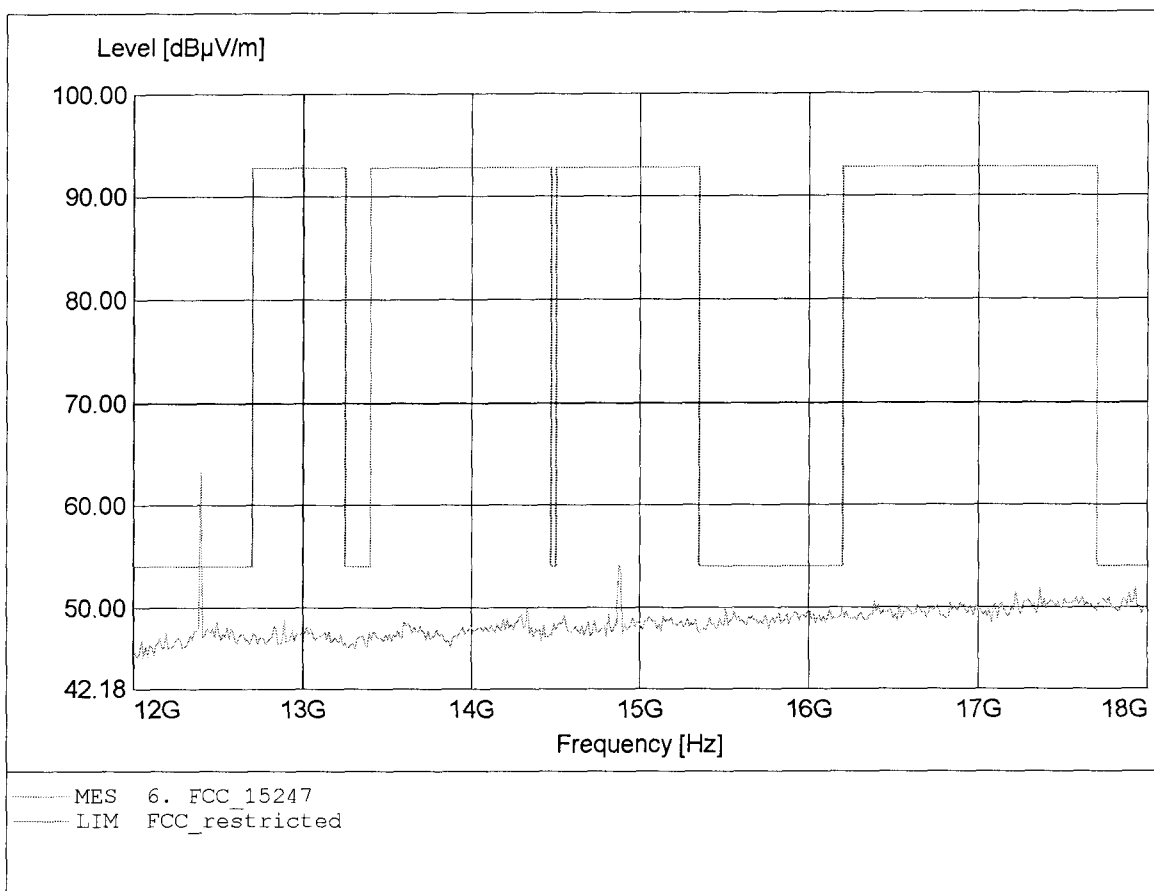
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.397GHz, Emax: 48.18dBµV/m, RBW: 1MHz



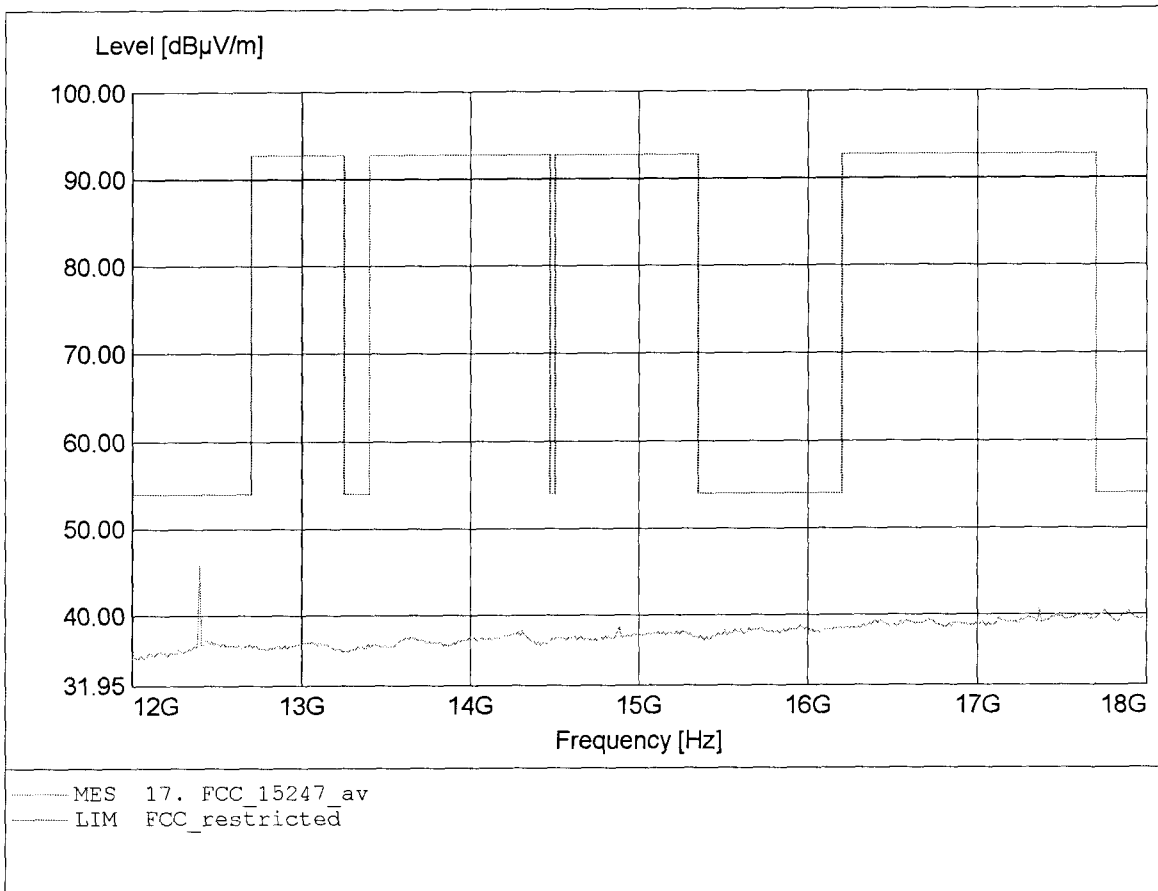
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.397GHz, Emax: 63.16dBµV/m, RBW: 1MHz



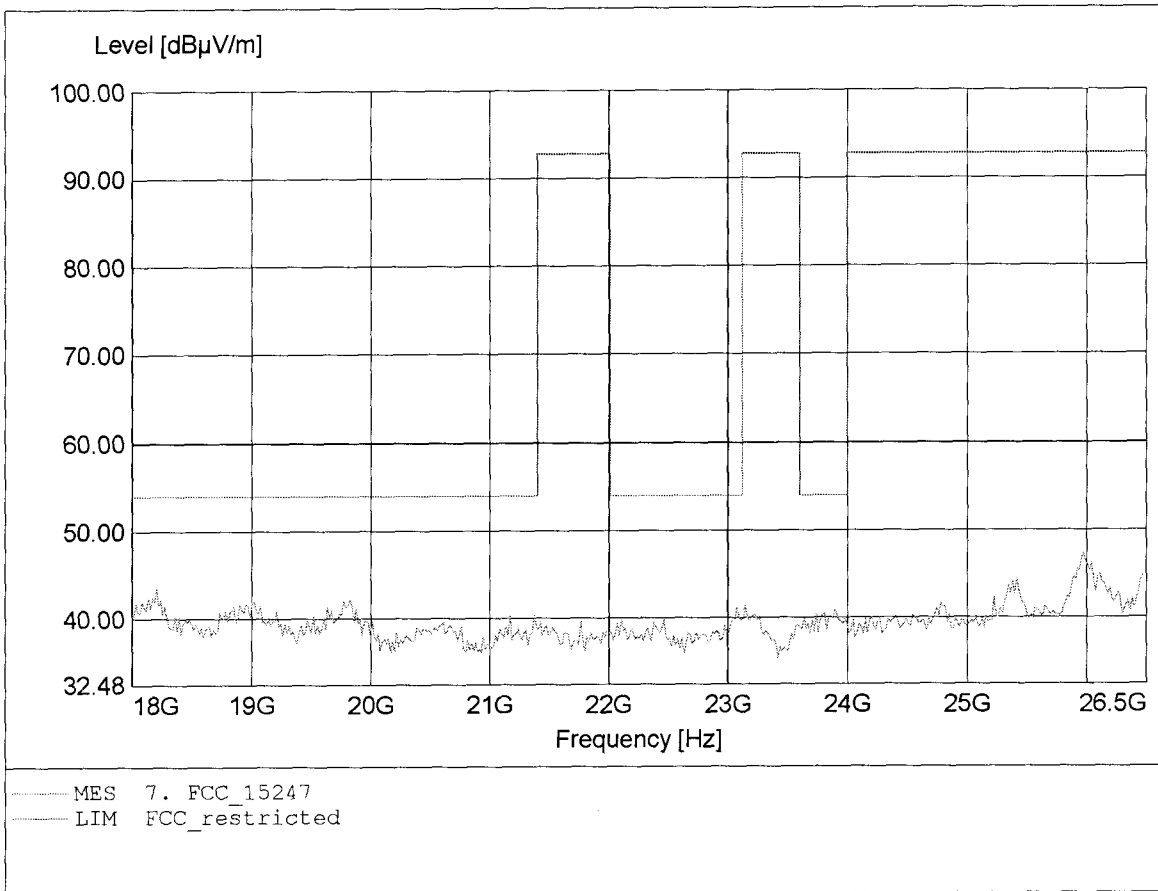
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.397GHz, Emax: 45.88dBµV/m, RBW: 1MHz



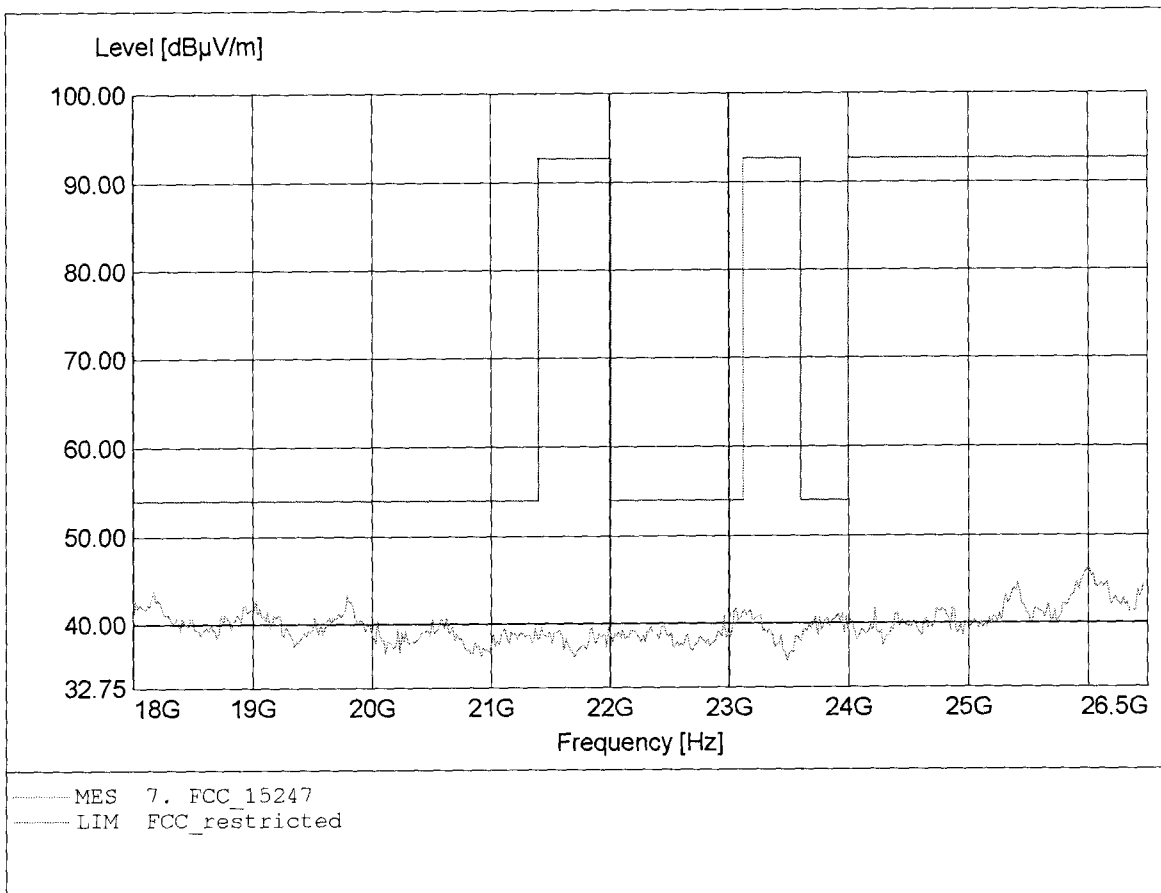
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.972GHz, Emax: 47.32dBµV/m, RBW: 1MHz



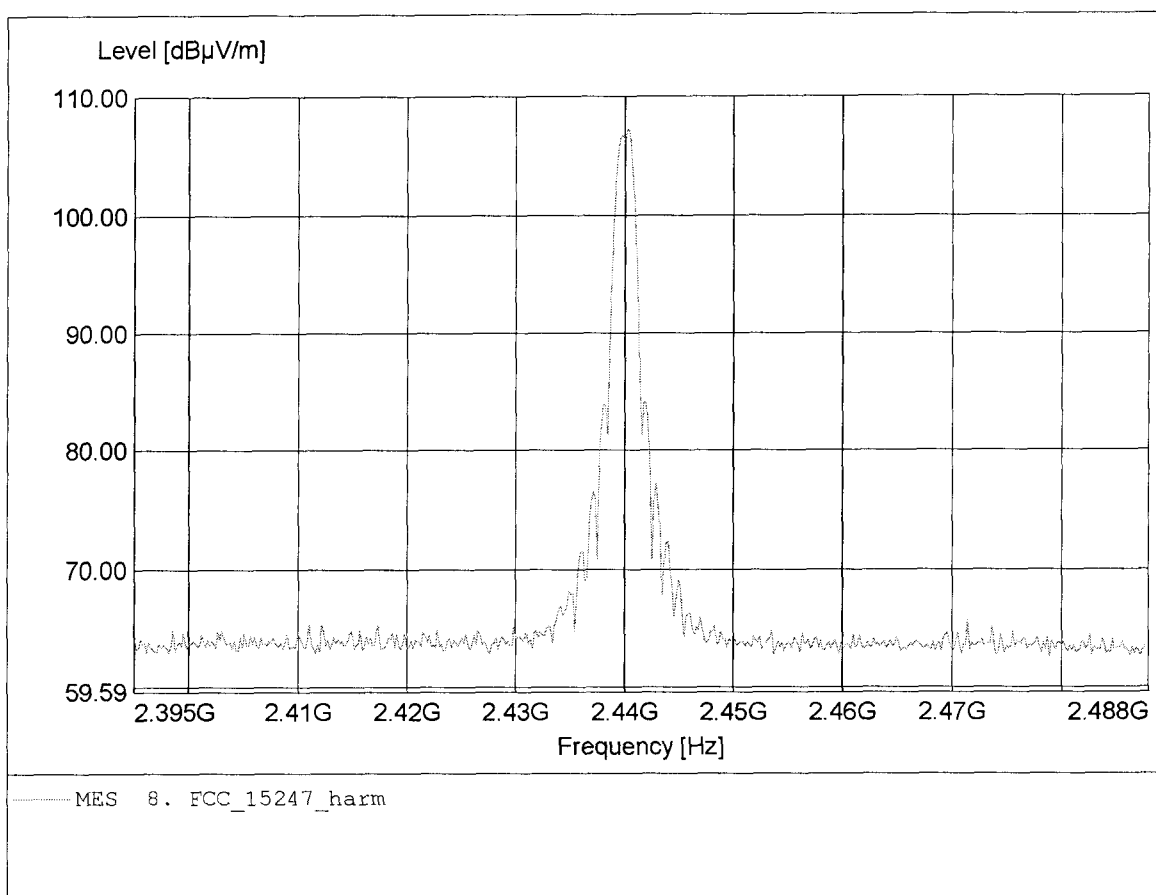
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BKR2400 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.006GHz, Emax: 46.20dBµV/m, RBW: 1MHz



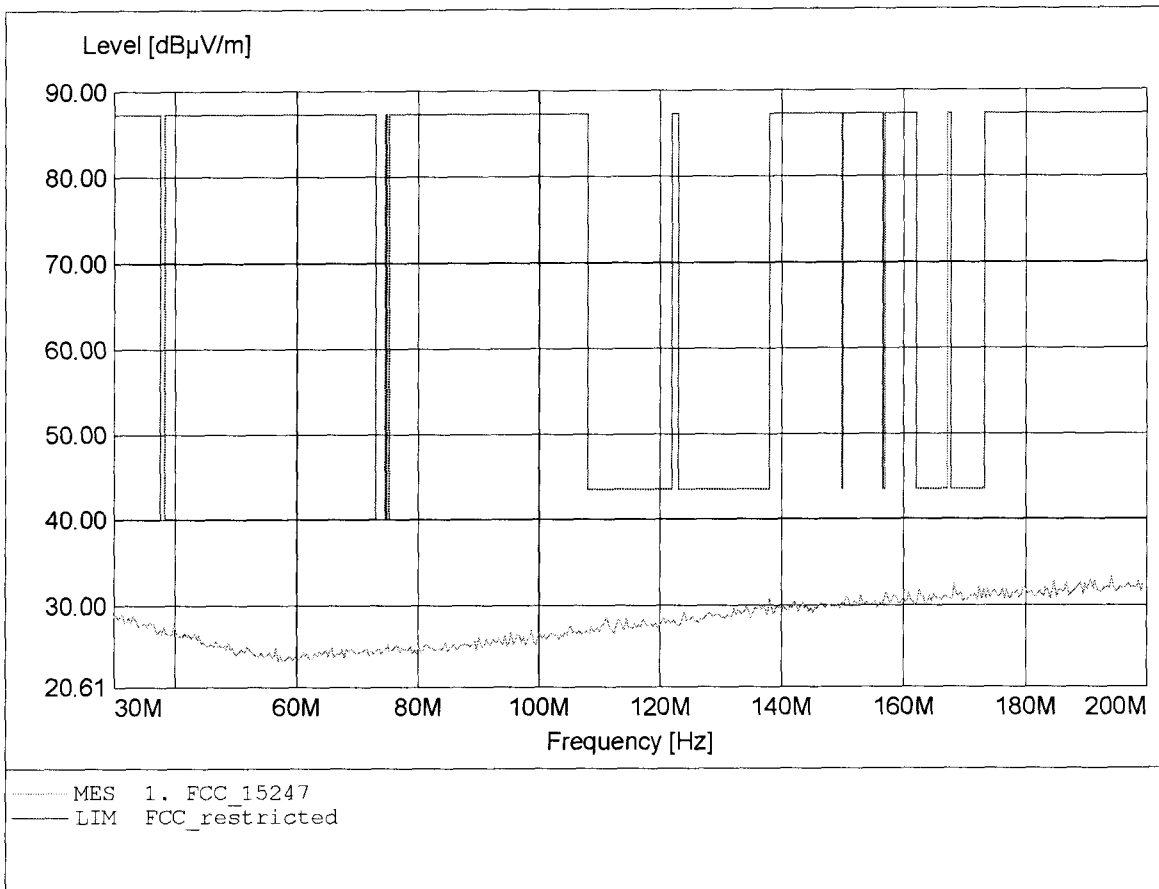
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 2.440GHz, Emax: 107.29dBµV/m, RBW: 100kHz



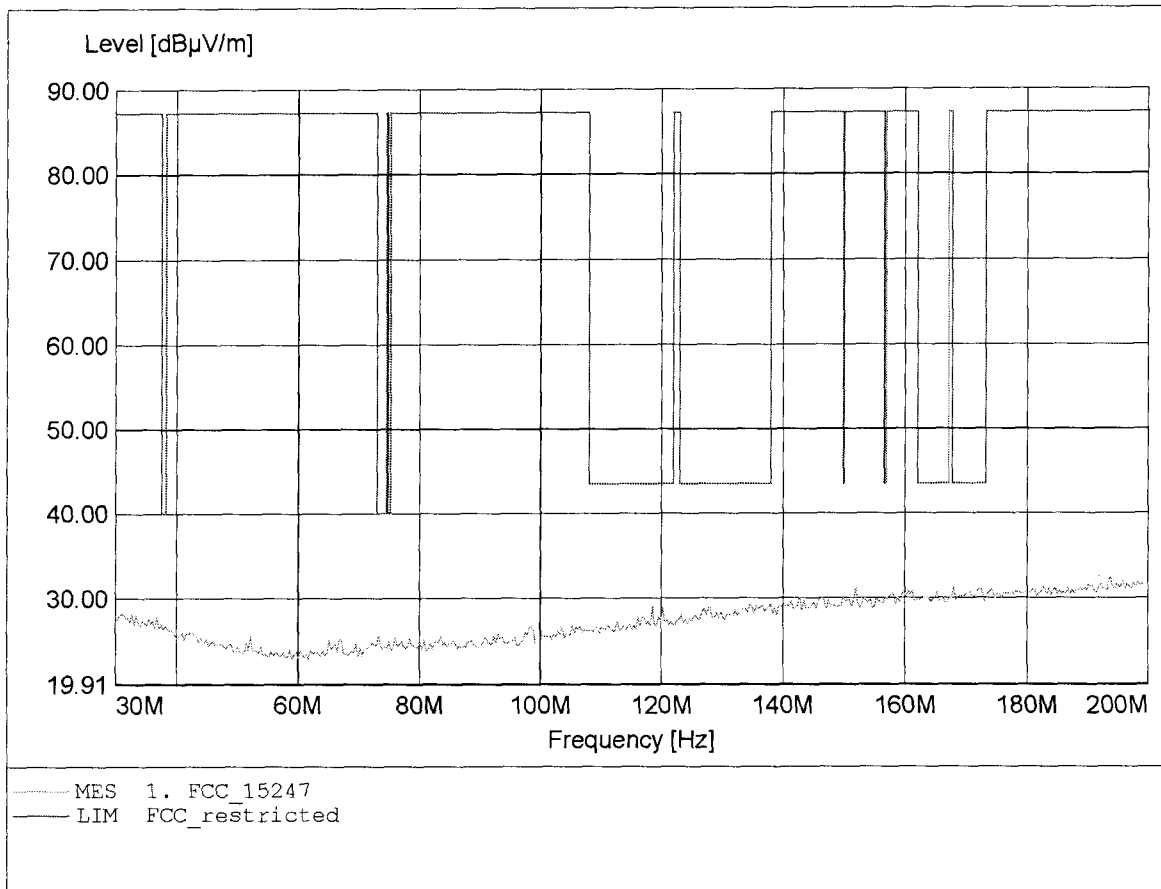
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.208MHz, Emax: 33.30dBµV/m, RBW: 100kHz



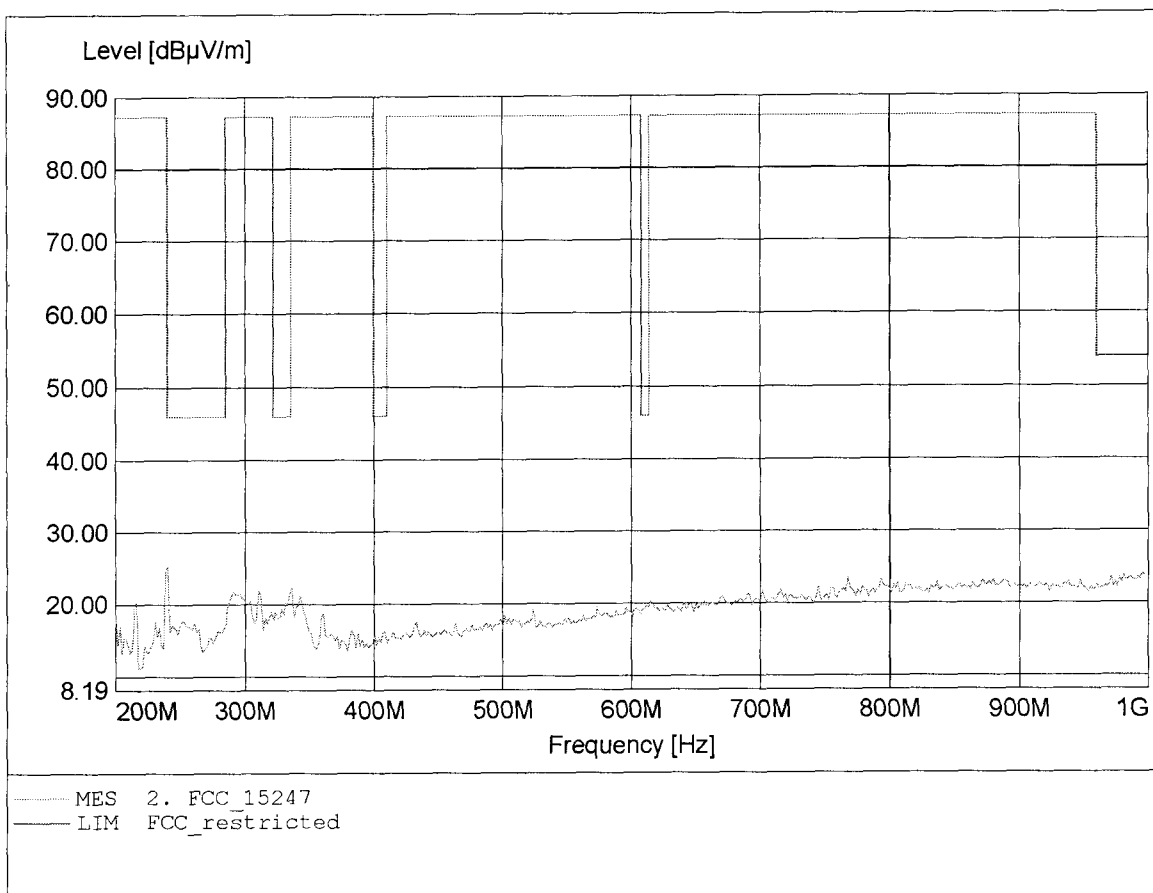
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.868MHz, Emax: 32.37dBµV/m, RBW: 100kHz



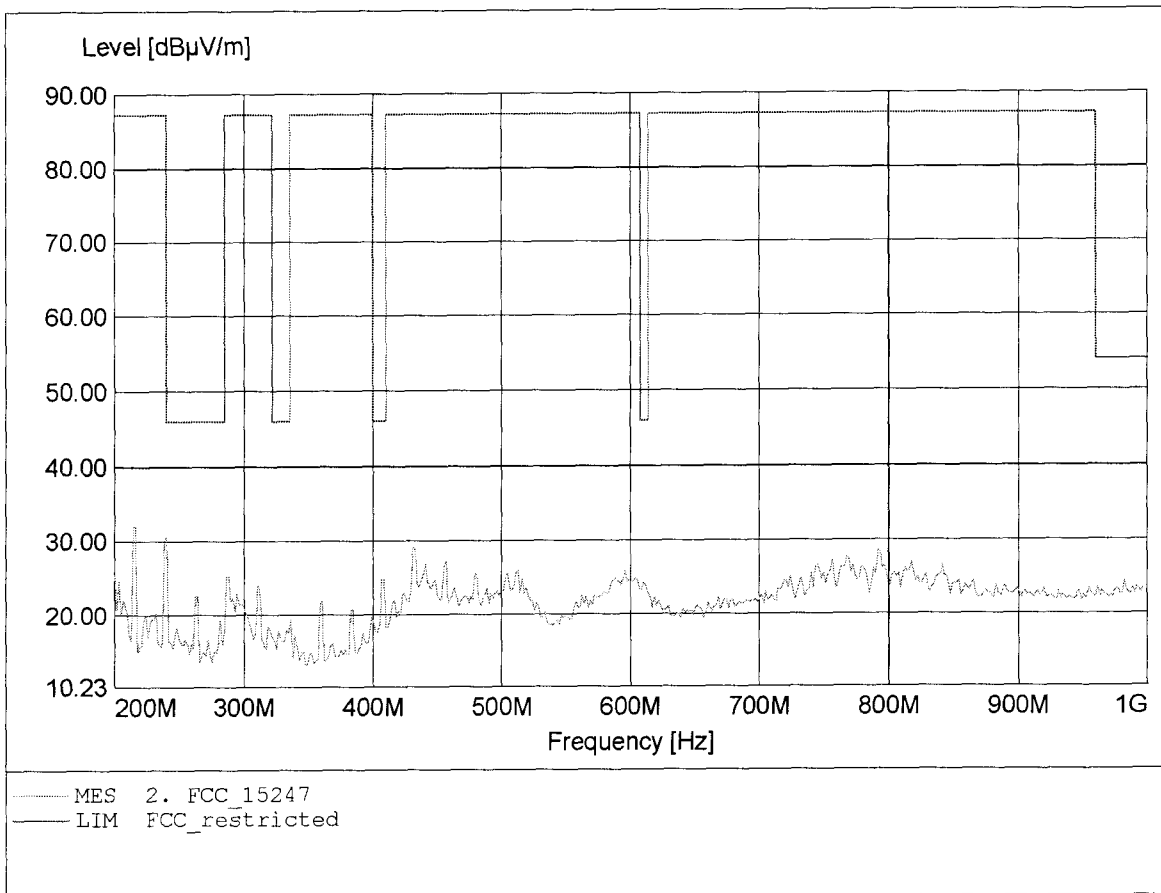
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 240.080MHz, Emax: 25.23dBµV/m, RBW: 100kHz



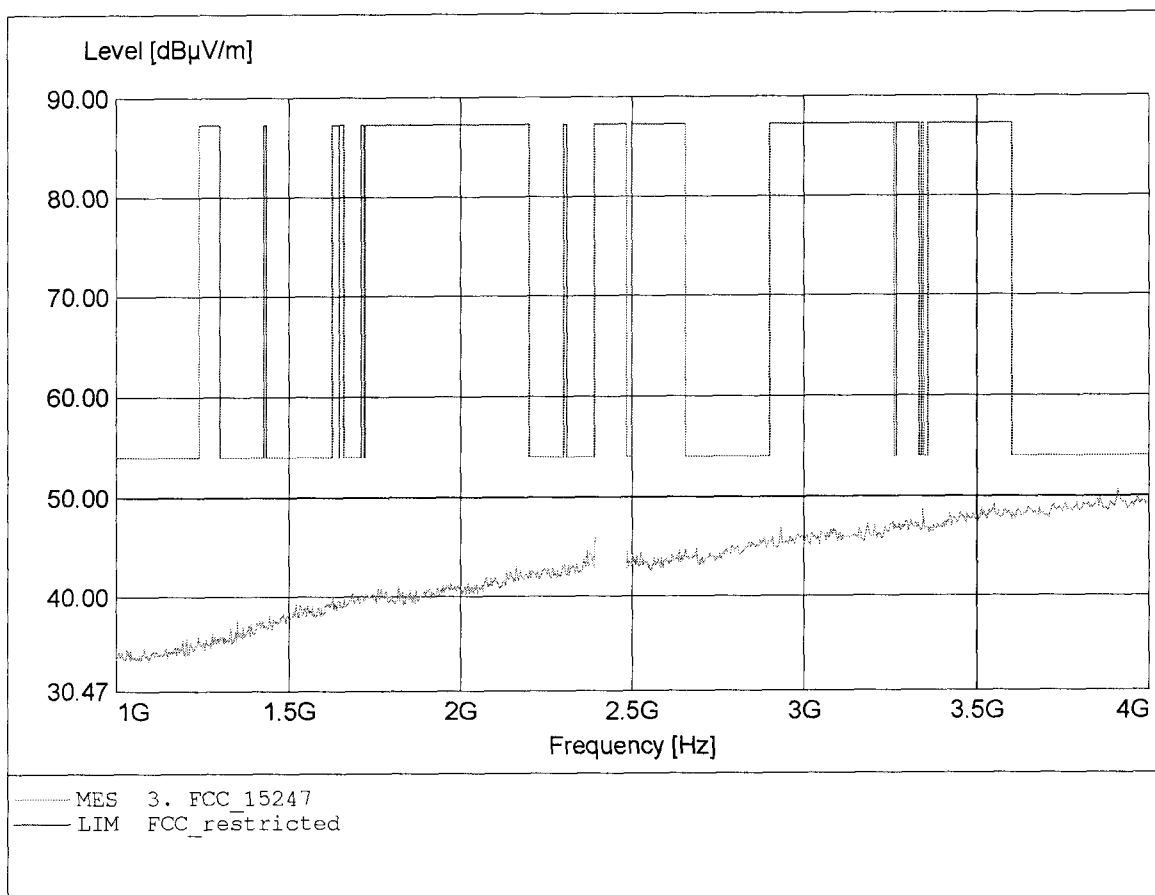
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 216.032MHz, Emax: 32.09dBµV/m, RBW: 100kHz



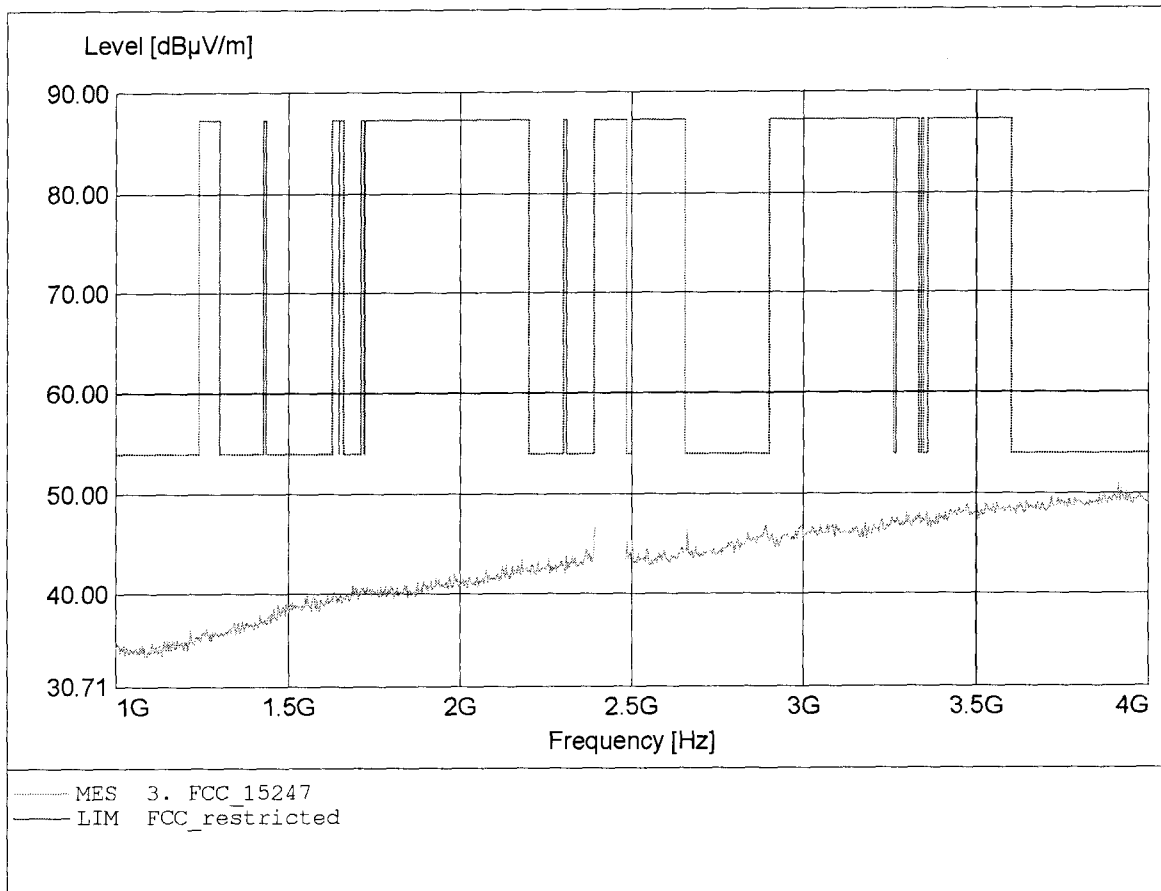
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.909GHz, Emax: 50.60dBµV/m, RBW: 1MHz



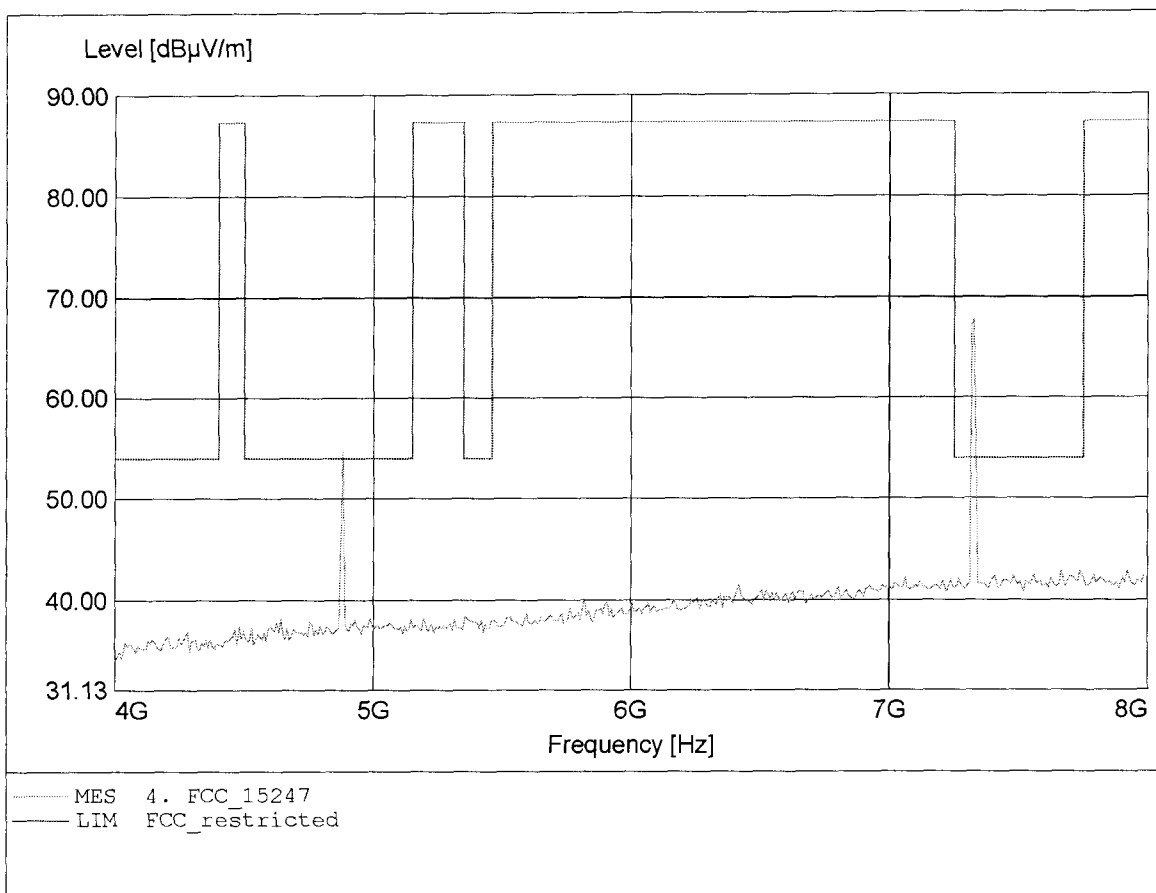
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.912GHz, Emax: 50.85dBµV/m, RBW: 1MHz



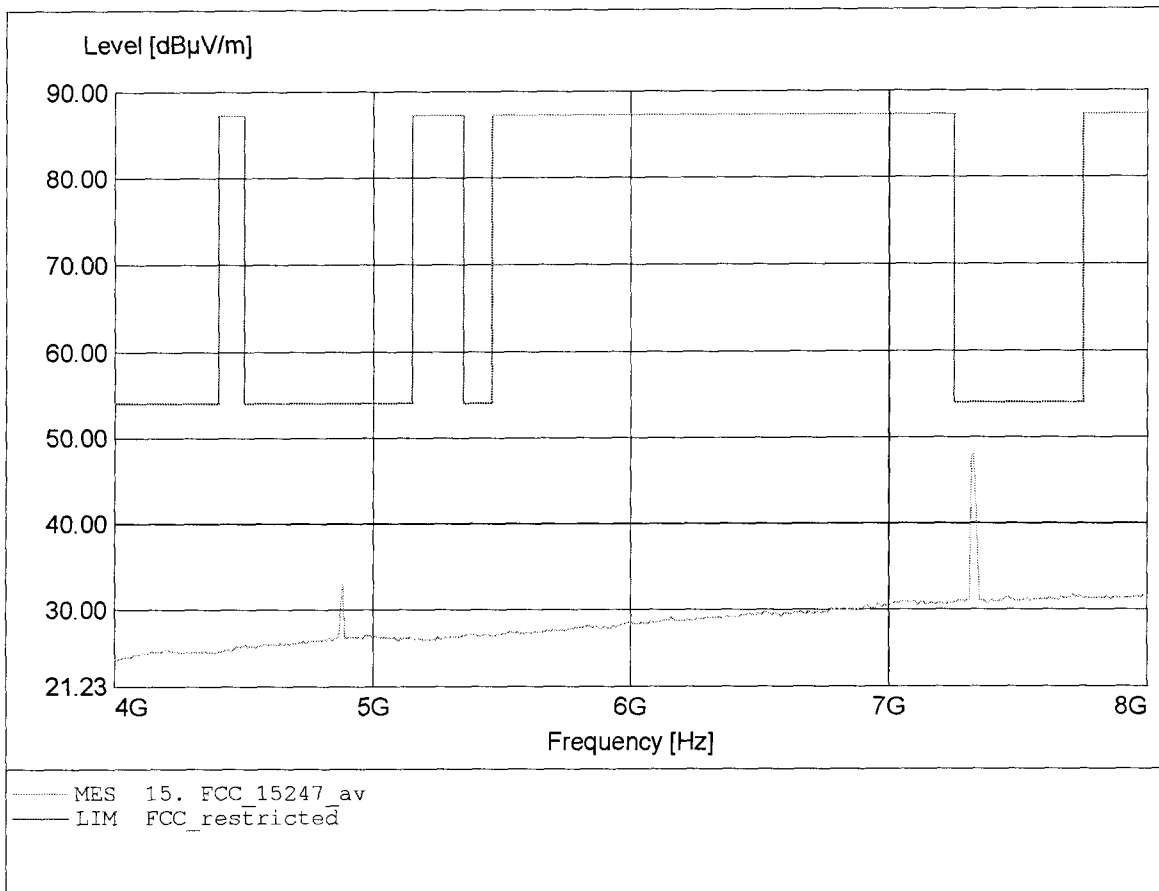
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 67.68dBµV/m, RBW: 1MHz



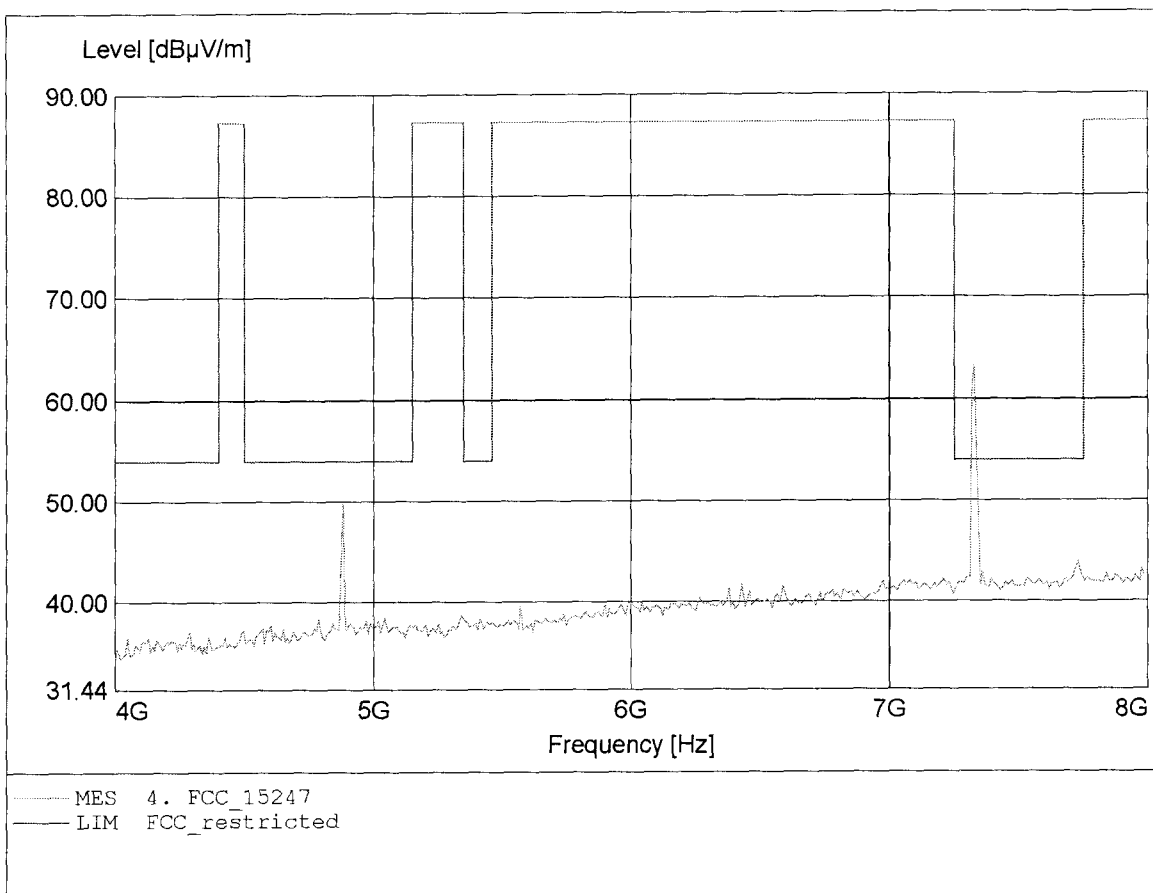
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 48.04dBµV/m, RBW: 1MHz



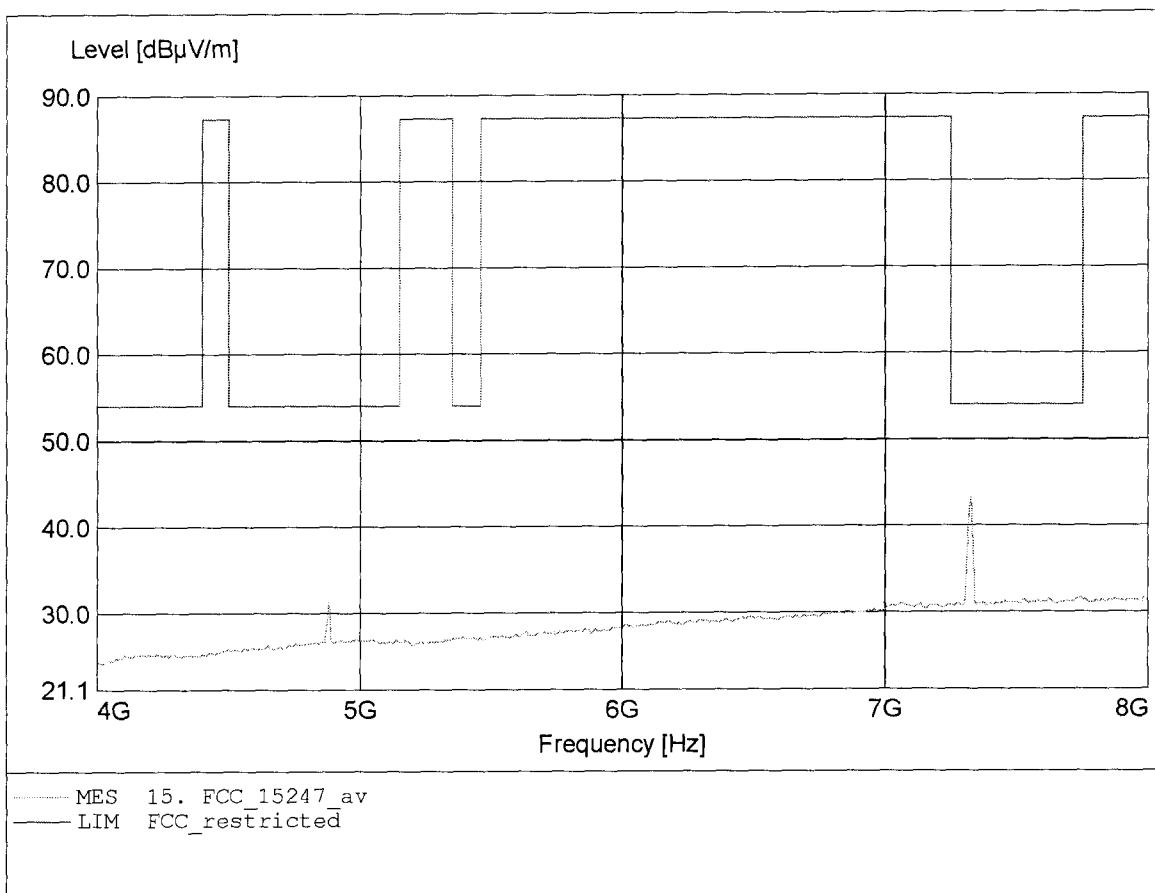
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 63.24dBµV/m, RBW: 1MHz



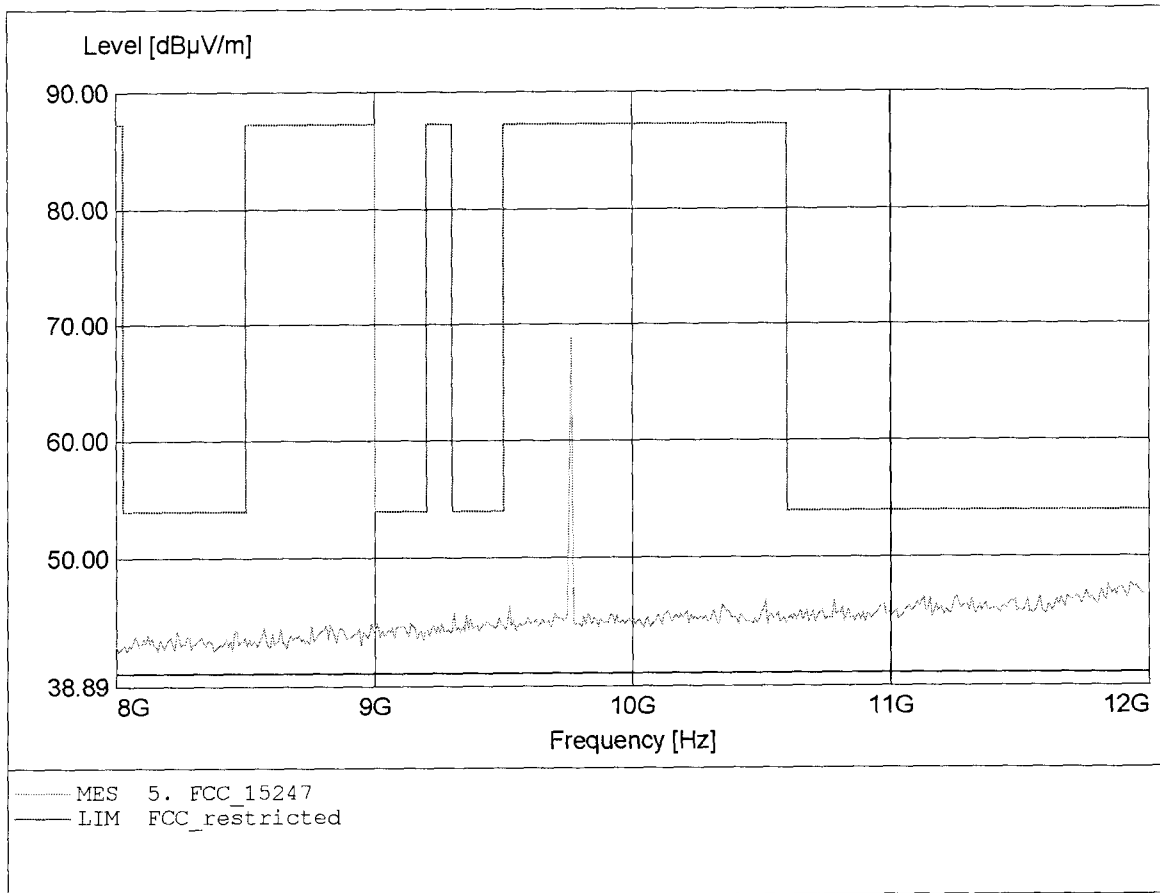
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 43.26dBµV/m, RBW: 1MHz



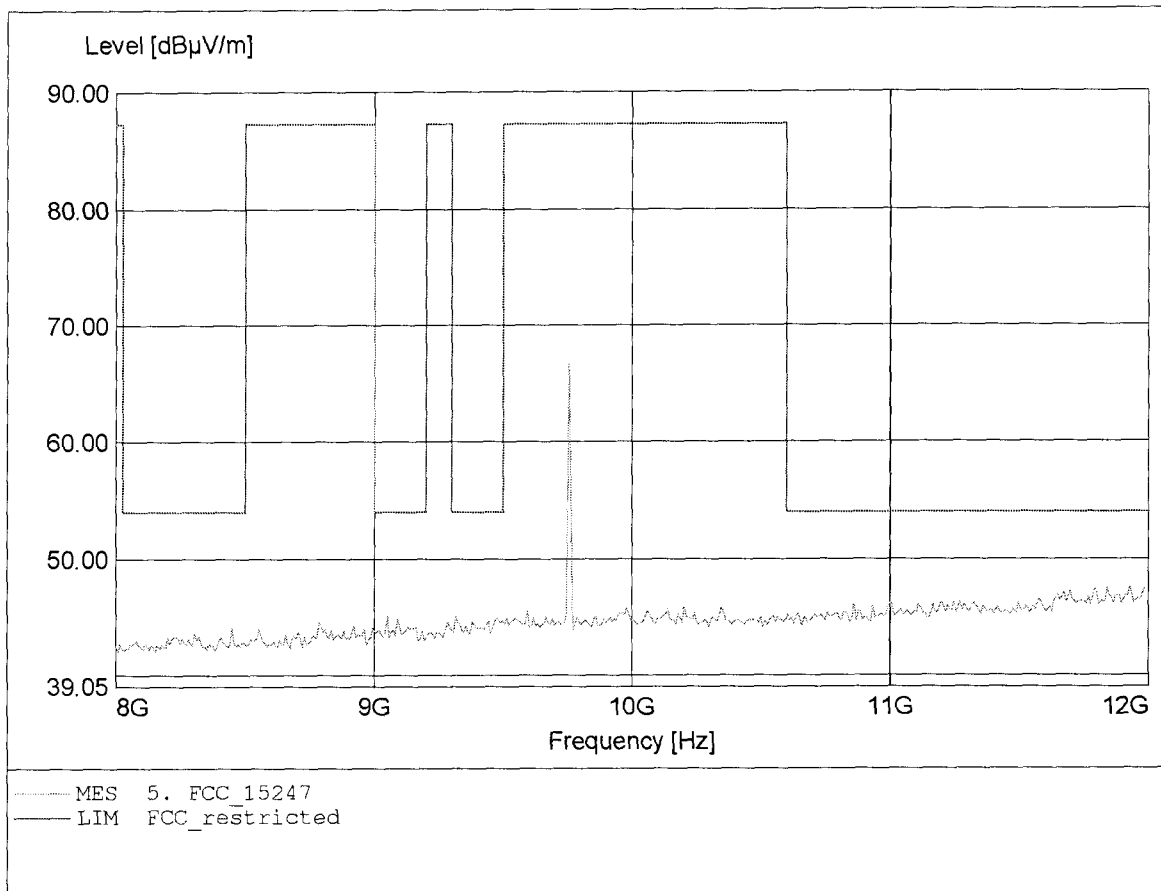
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 68.83dBµV/m, RBW: 1MHz



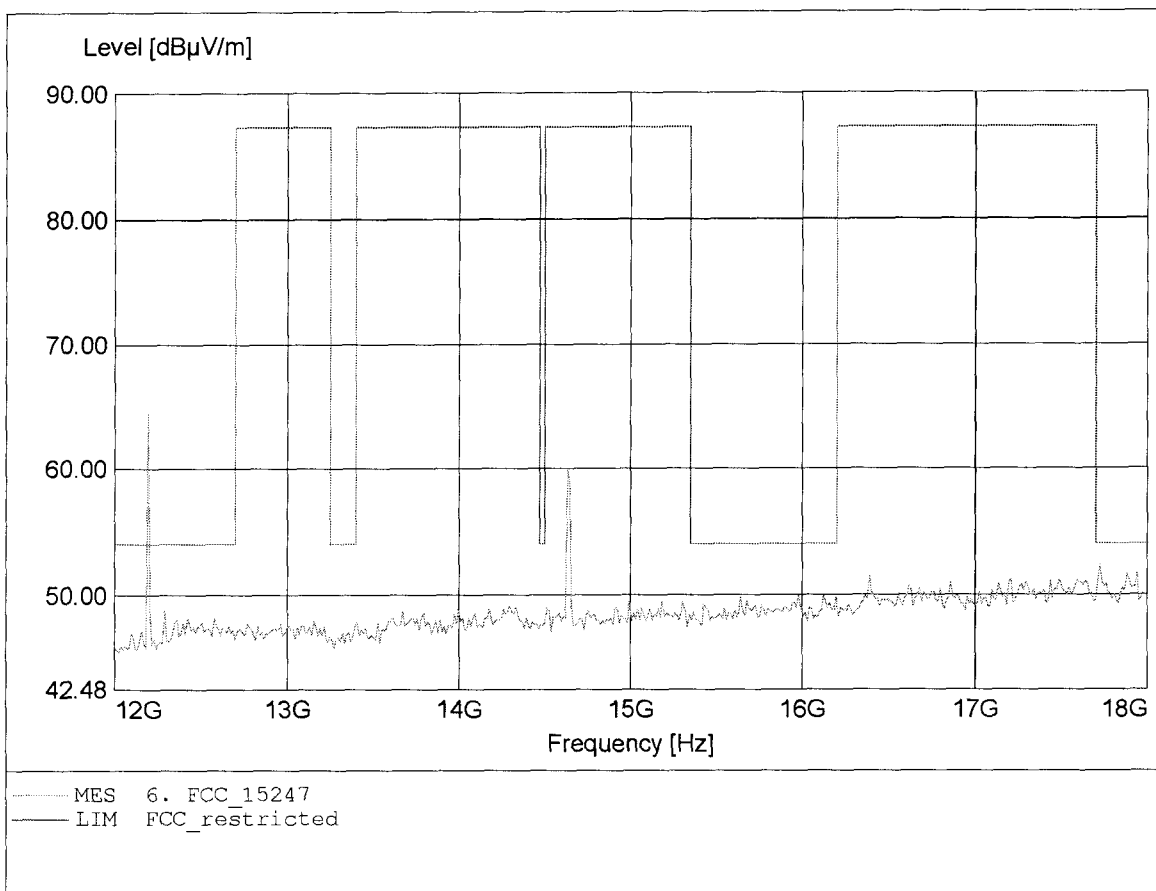
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.756GHz, Emax: 66.82dBµV/m, RBW: 1MHz



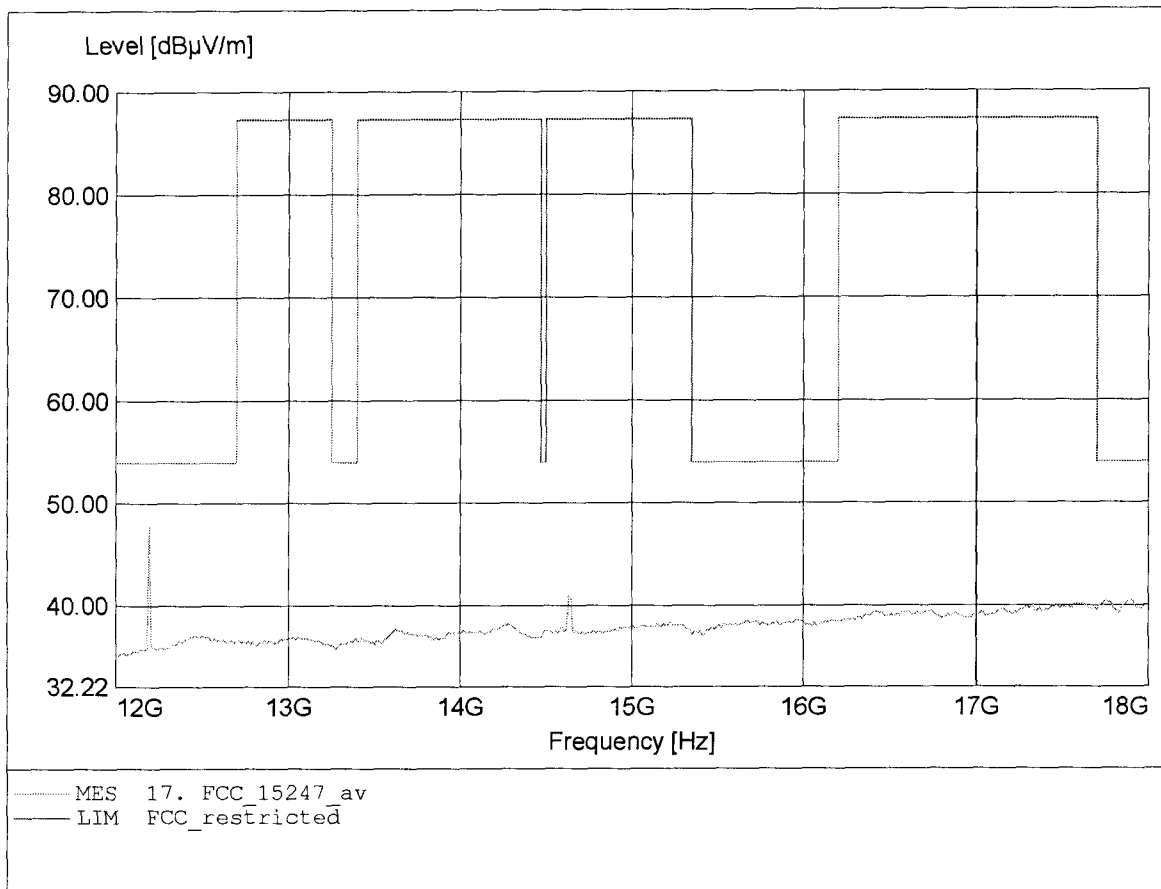
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 64.50dBµV/m, RBW: 1MHz



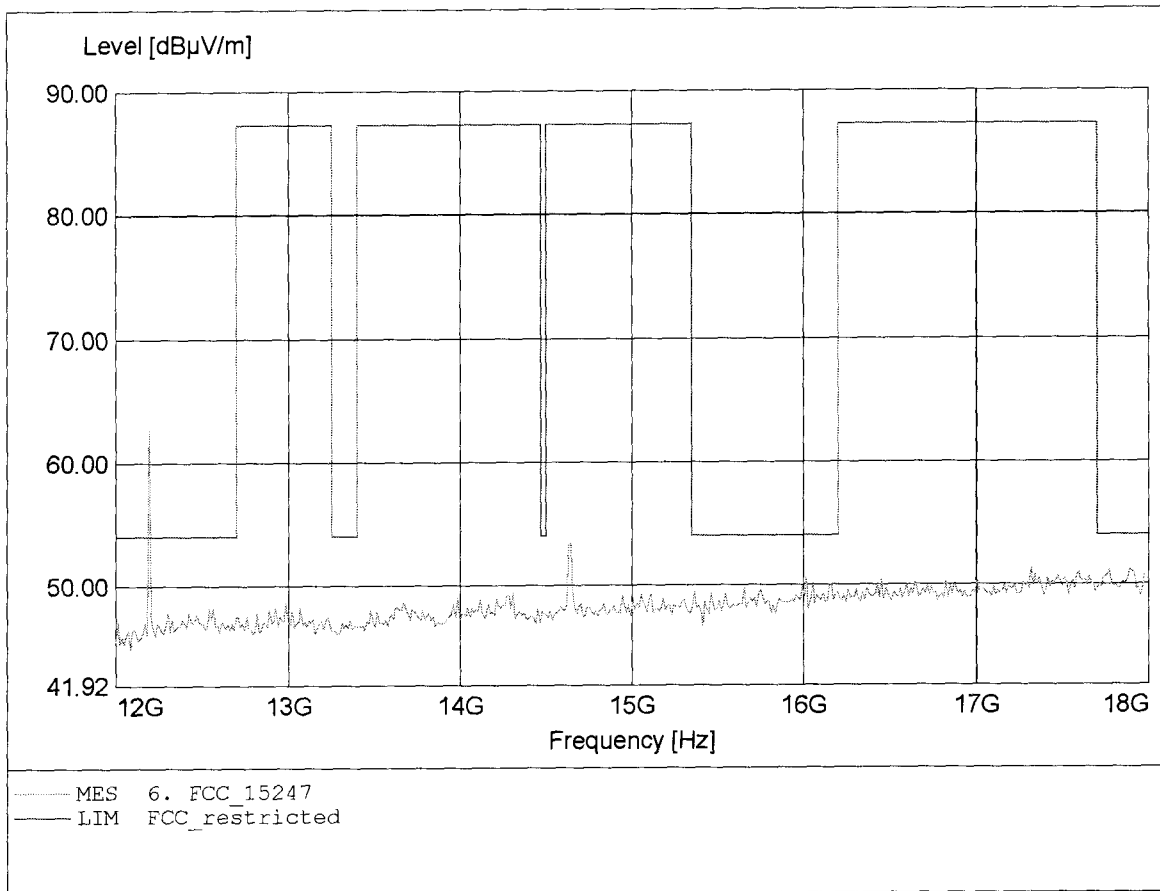
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 47.85dBµV/m, RBW: 1MHz



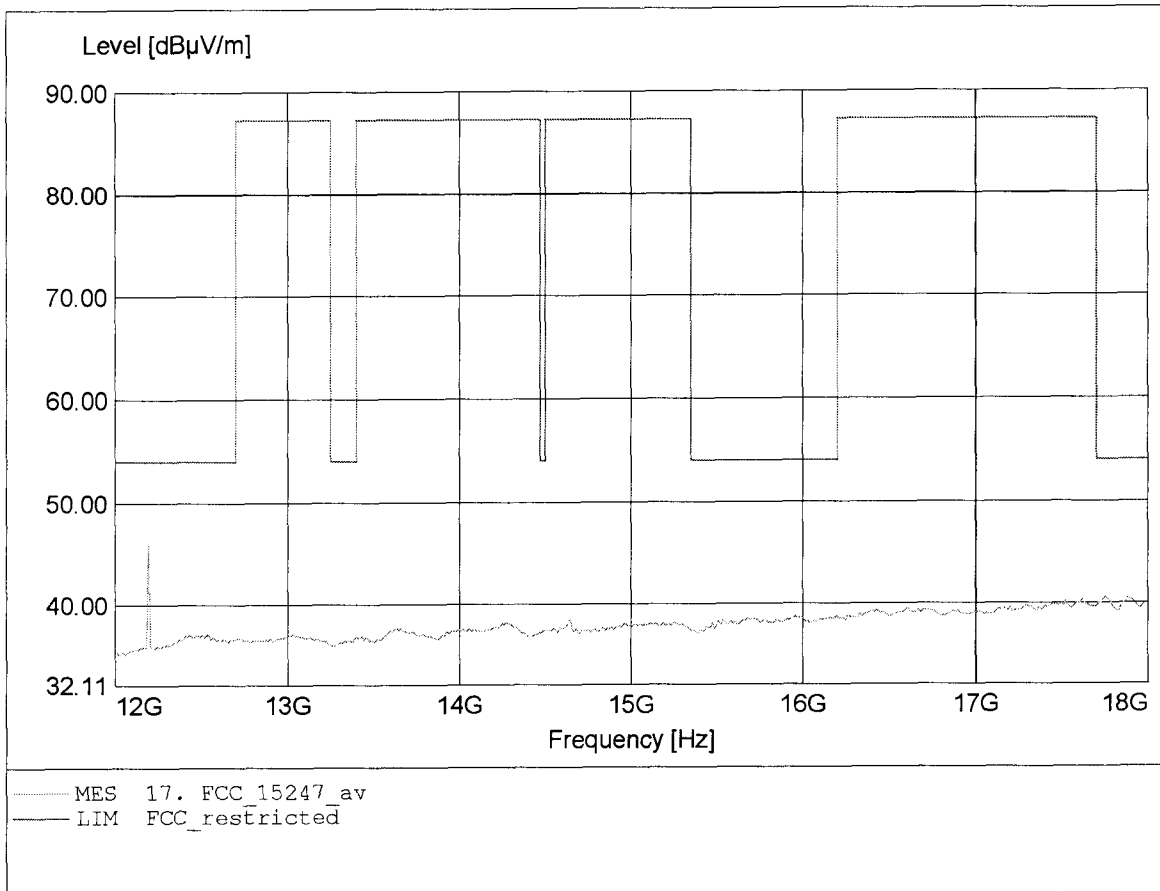
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 62.69dBµV/m, RBW: 1MHz



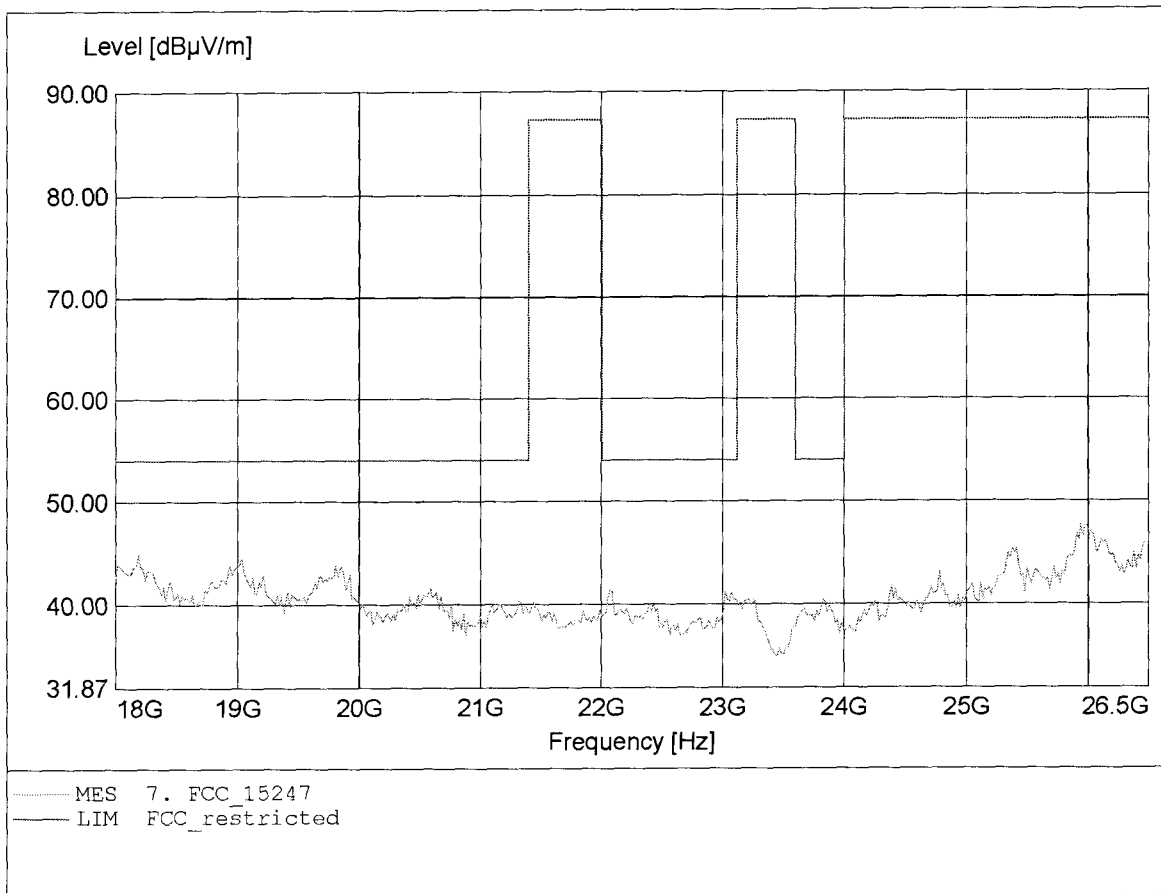
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 12.192GHz, Emax: 46.01dBµV/m, RBW: 1MHz



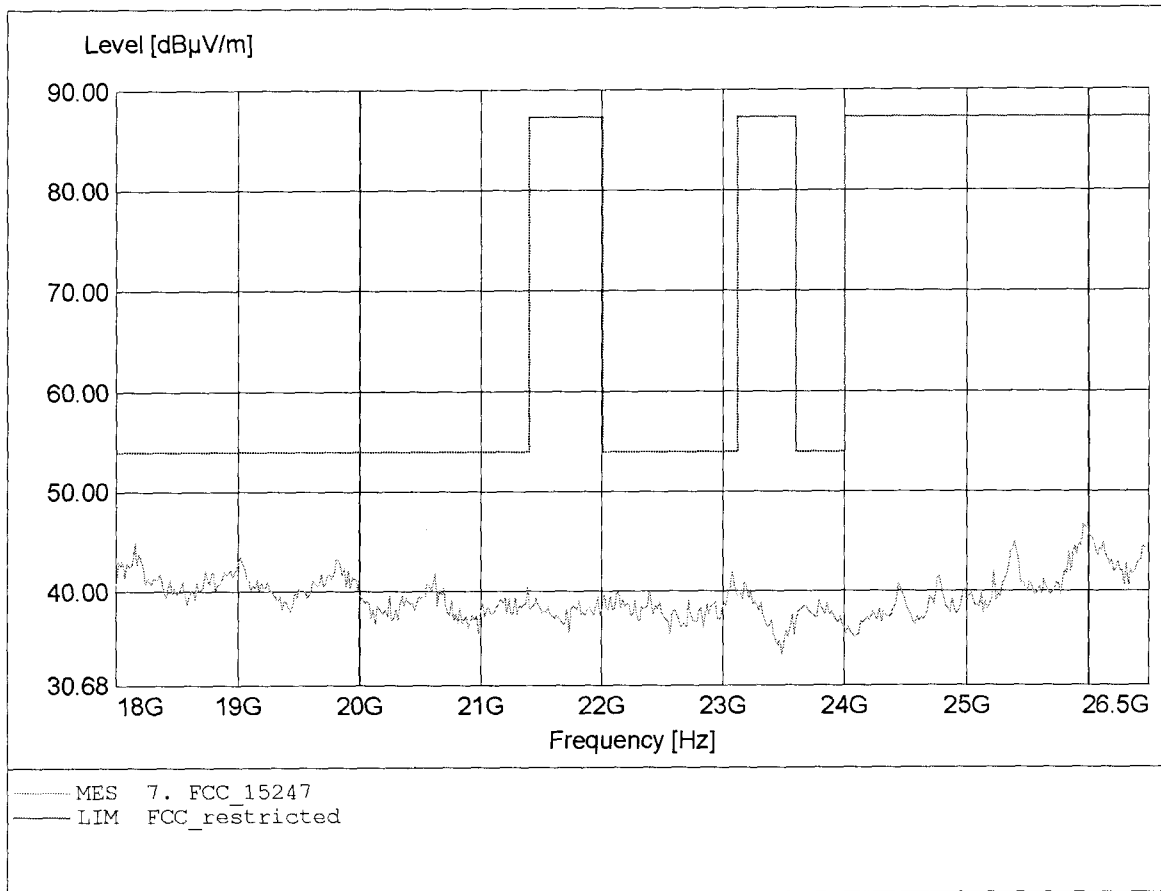
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.938GHz, Emax: 47.71dBµV/m, RBW: 1MHz



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

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: BT-Stubby / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 3.30 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.989GHz, Emax: 46.63dBµV/m, RBW: 1MHz

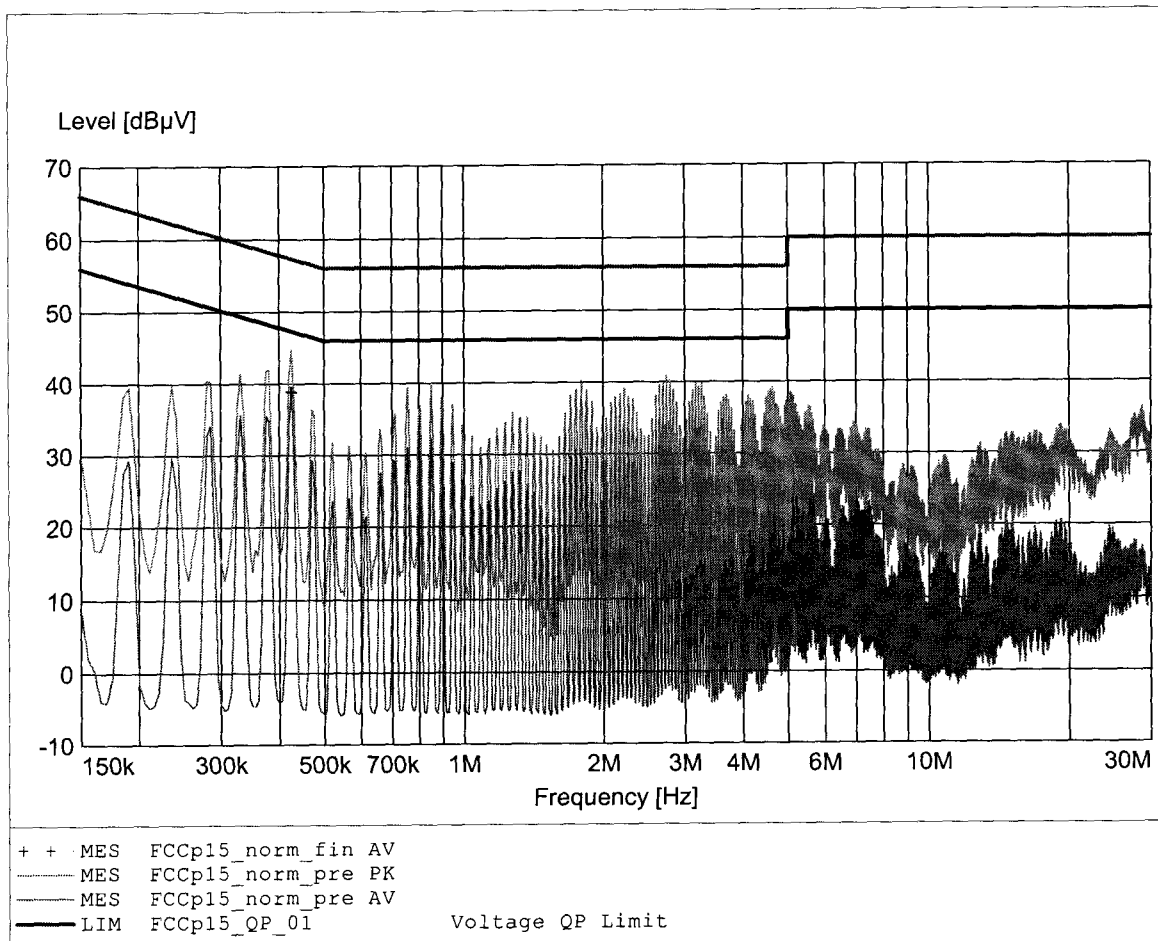


Appendix H

AC power line conducted emissions

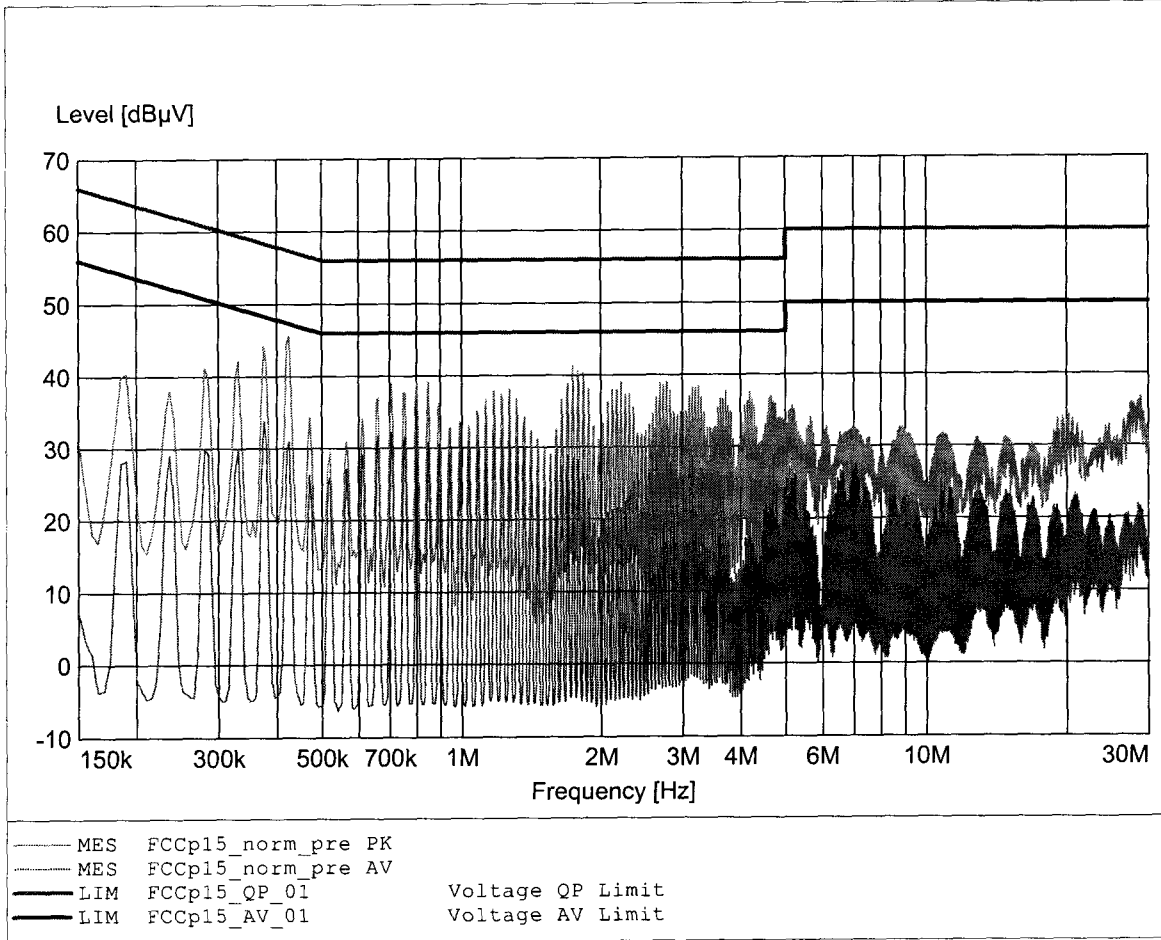
**EMI voltage test in the ac-mains according to FCC part 15
to FCC part 15**

EUT: ZigBee - Module
 Manufacturer: Panasonic Electronic Devices Europe GmbH
 Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR), Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Marquardt
 Test Specification: V-Network: ESH2-Z5 (L1)
 Comment: model: ETRX-2-PA
 adaptor: TR10R090



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

EUT: ZigBee - Module
 Manufacturer: Panasonic Electronic Devices Europe GmbH
 Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR), Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Marquardt
 Test Specification: V-Network: ESH2-Z5 (N)
 Comment: model: ETRX-2-PA
 adaptor: TR10R090



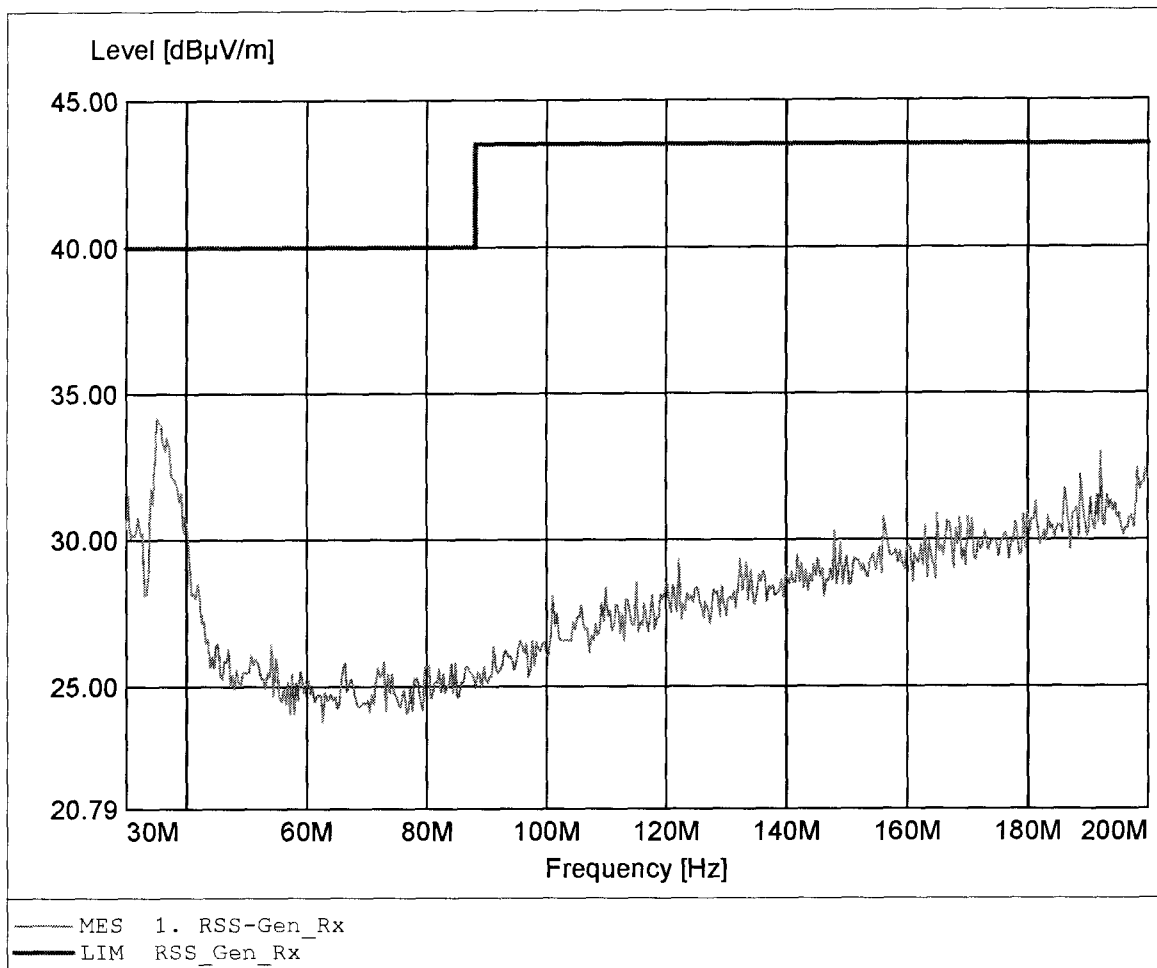
Appendix I

Receiver radiated emissions

Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

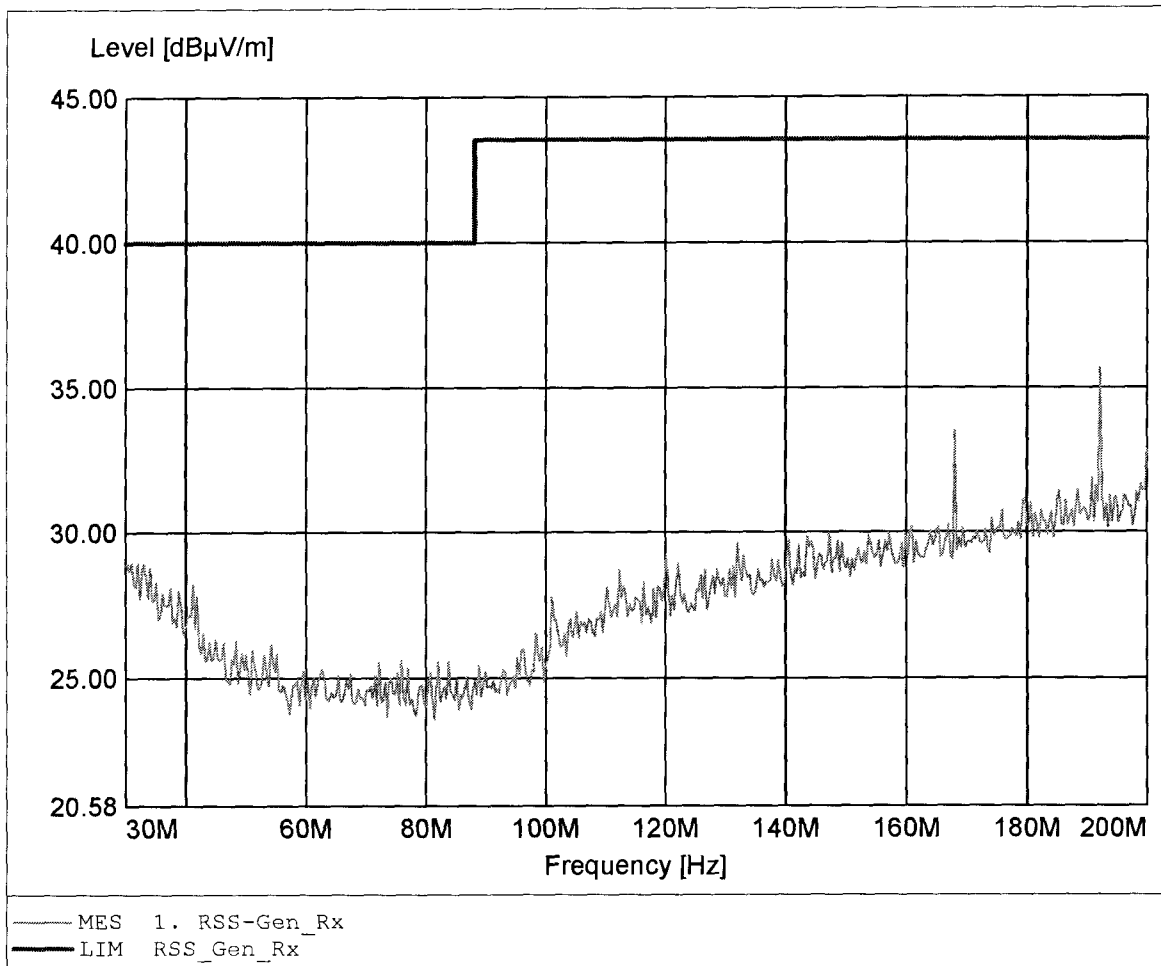
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:35.100MHz Emax:34.14dBµV/m REW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

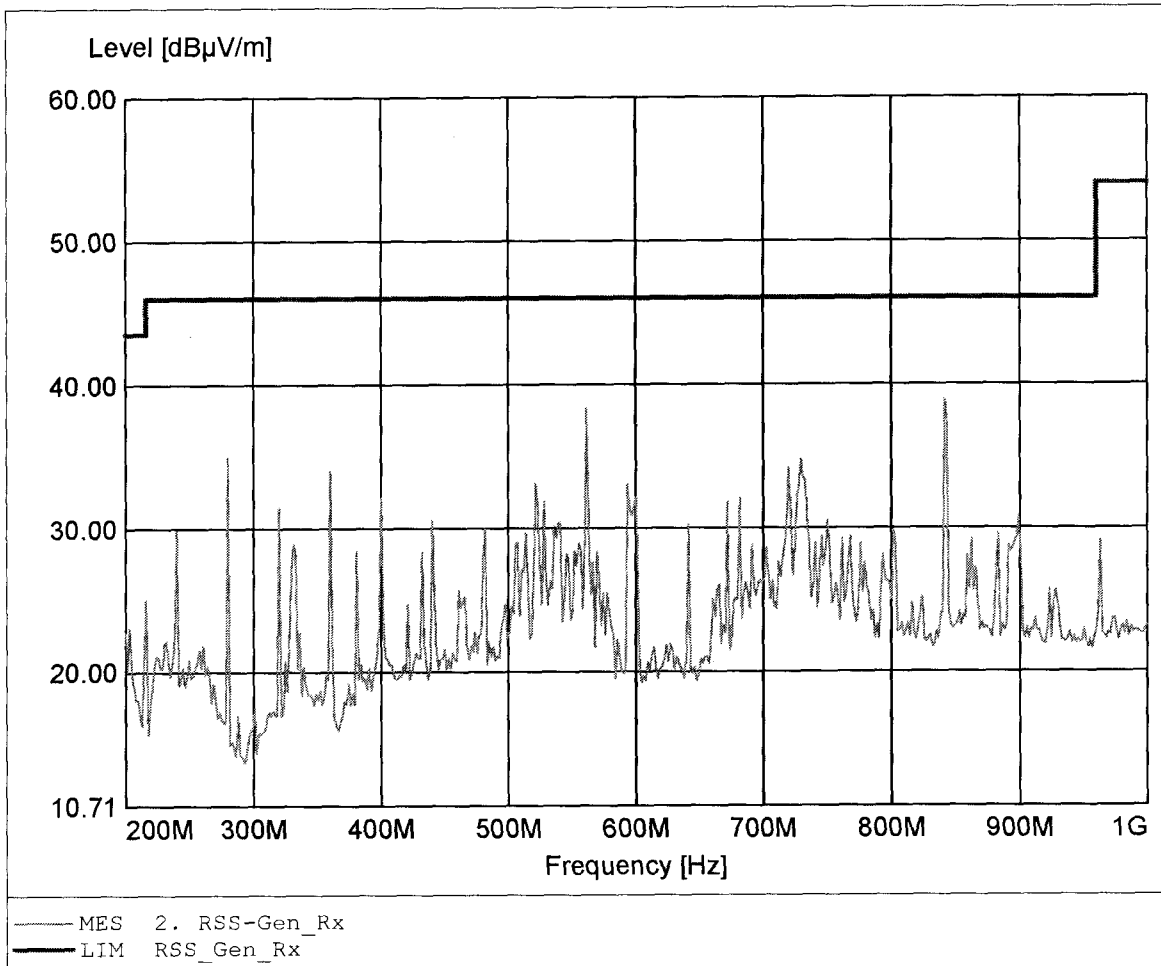
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:192.180MHz Emax:35.67dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

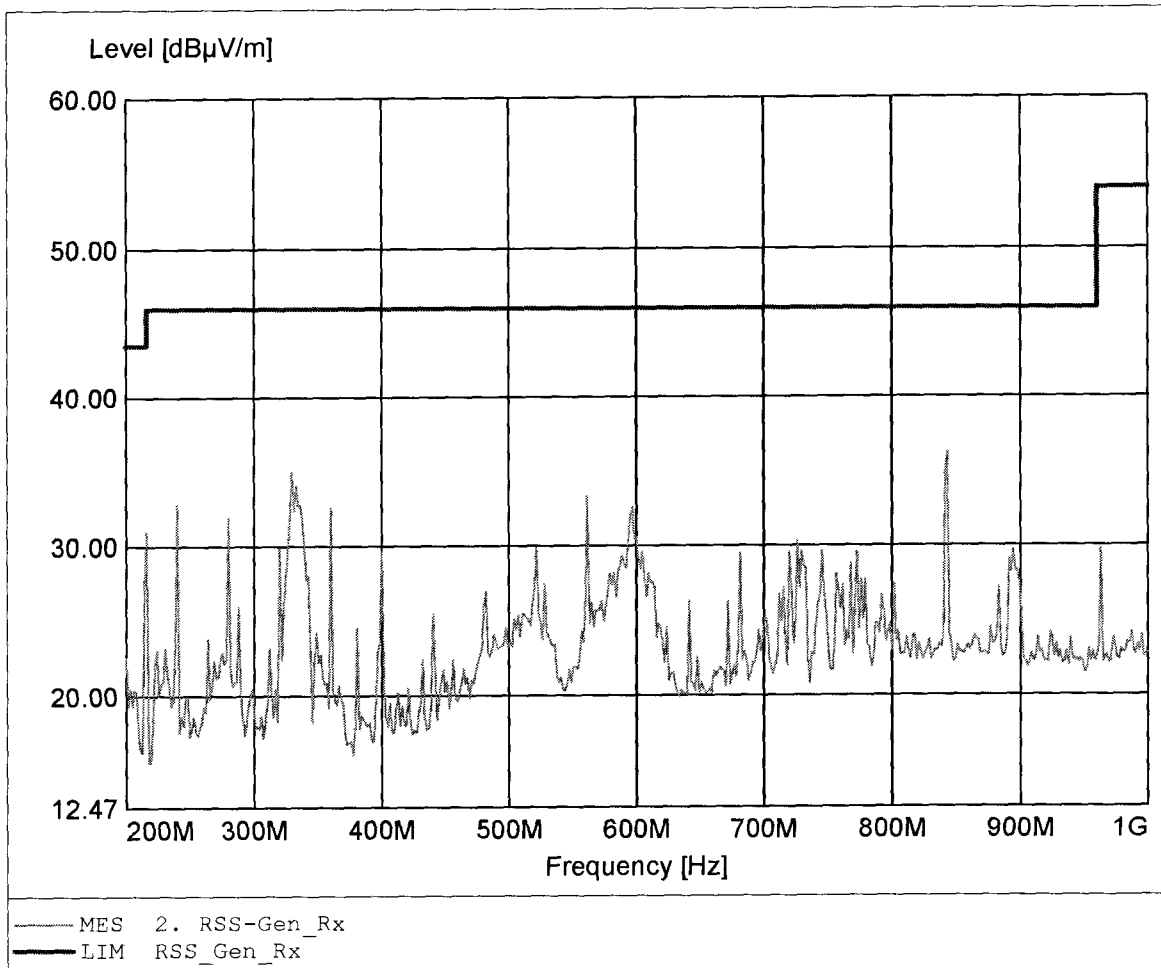
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:841.600MHz Emax:38.92dBuV/m REW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

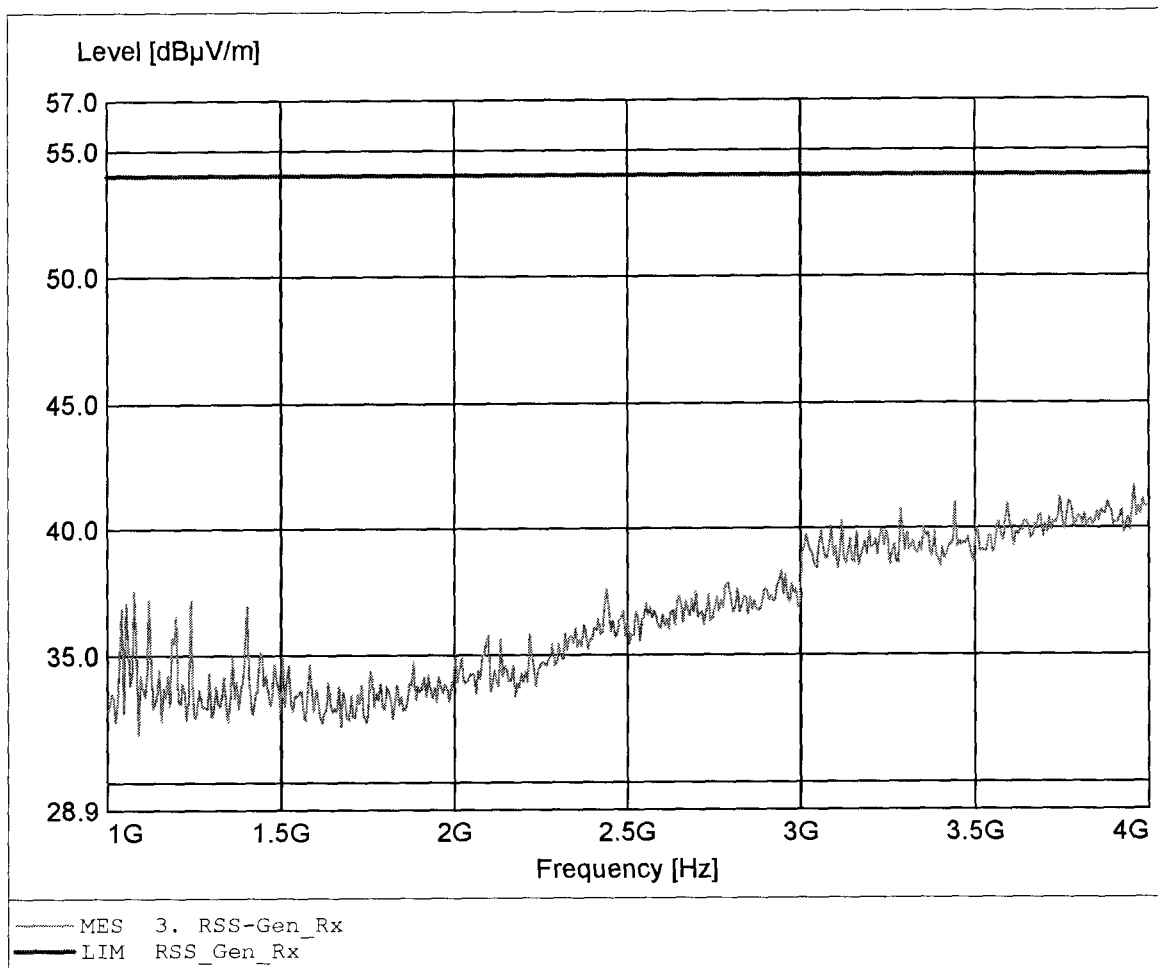
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:843.200MHz Emax:36.18dBuV/m REW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

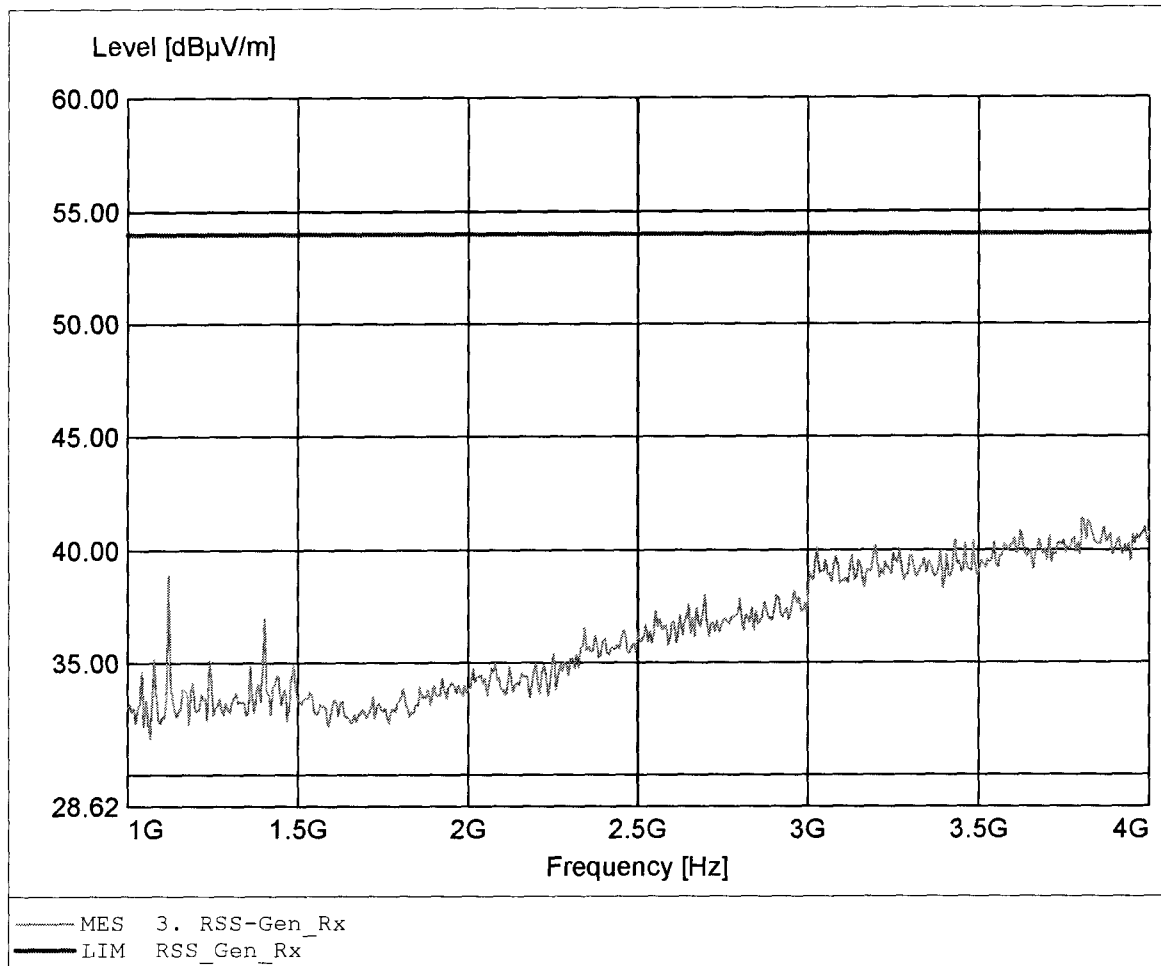
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.958GHz Emax:41.66dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

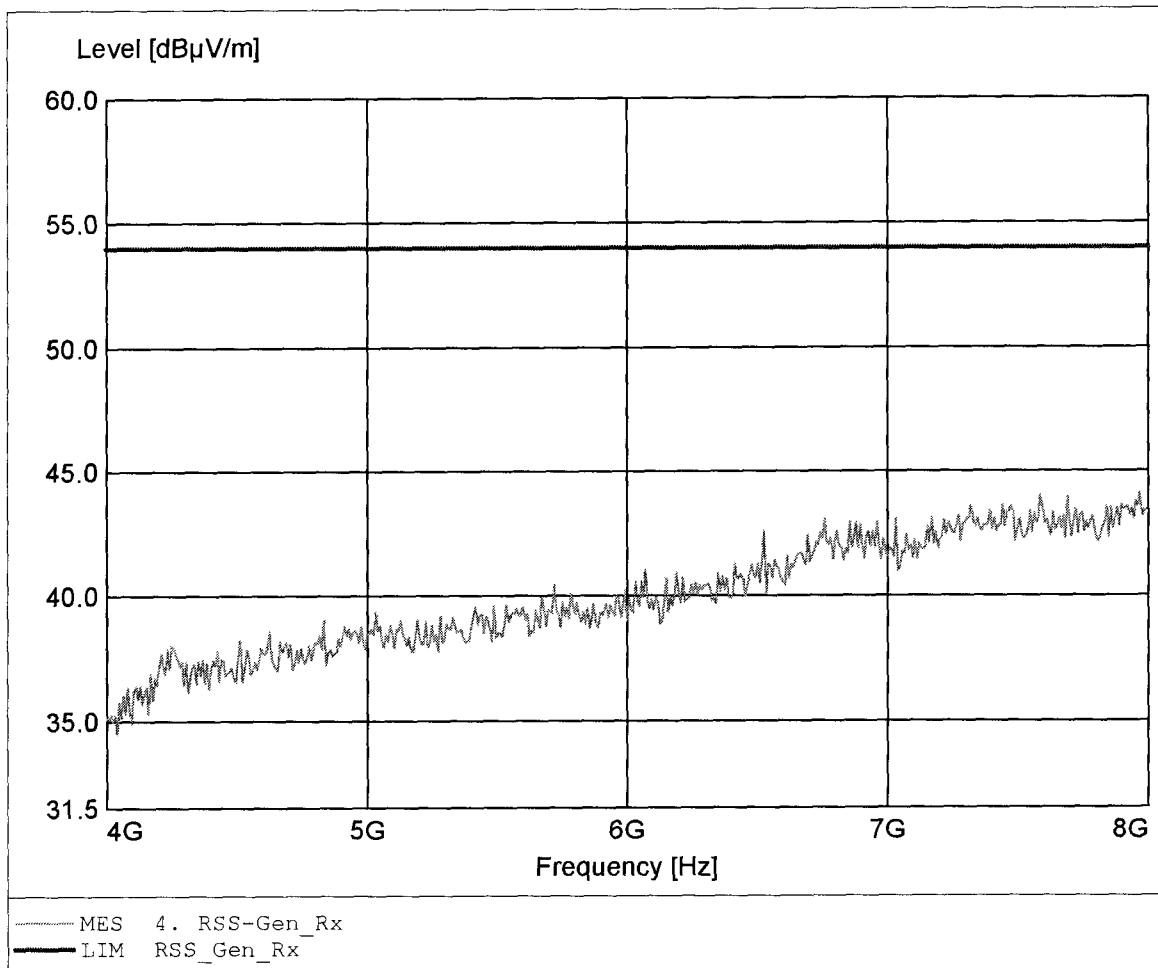
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.802GHz Emax:41.37dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

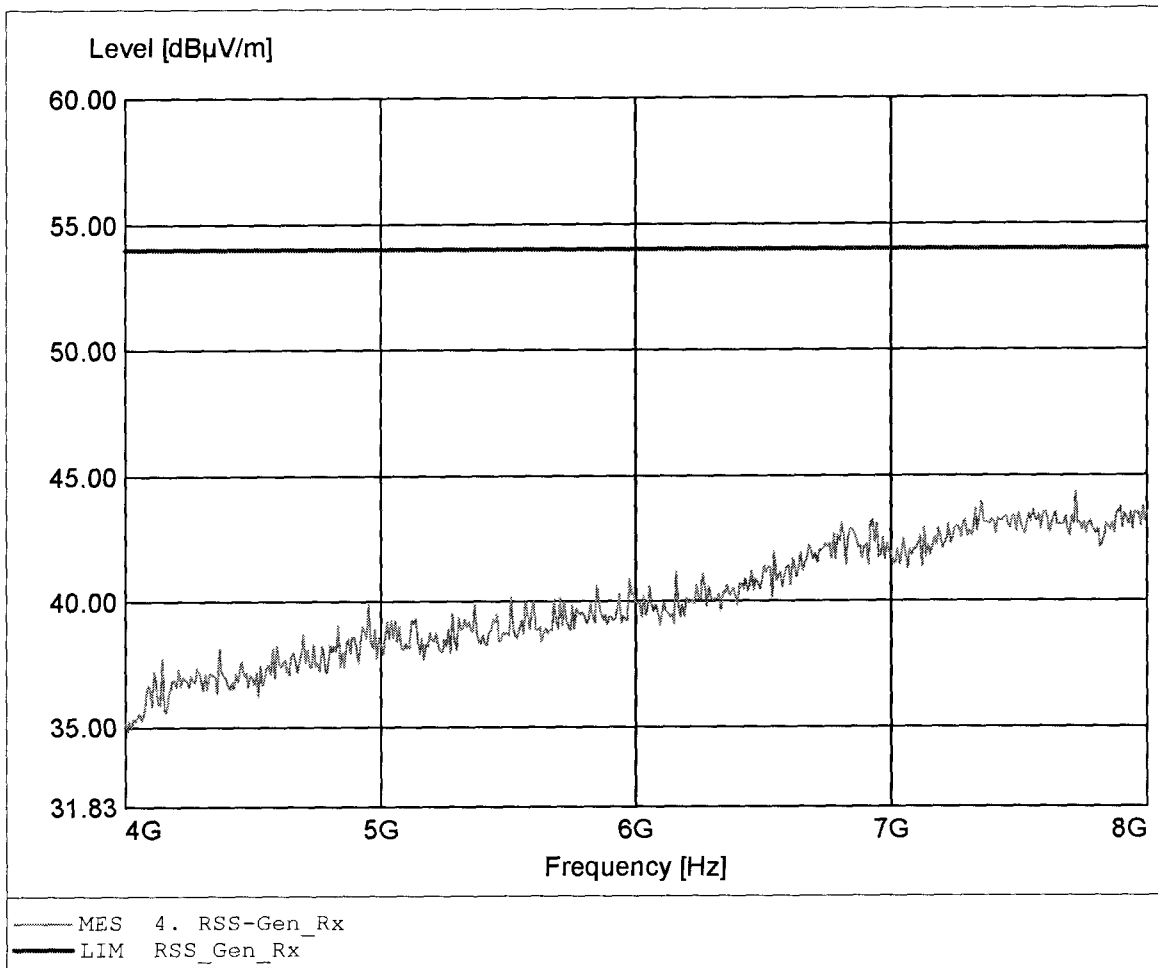
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:7.968GHz Emax:44.08dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

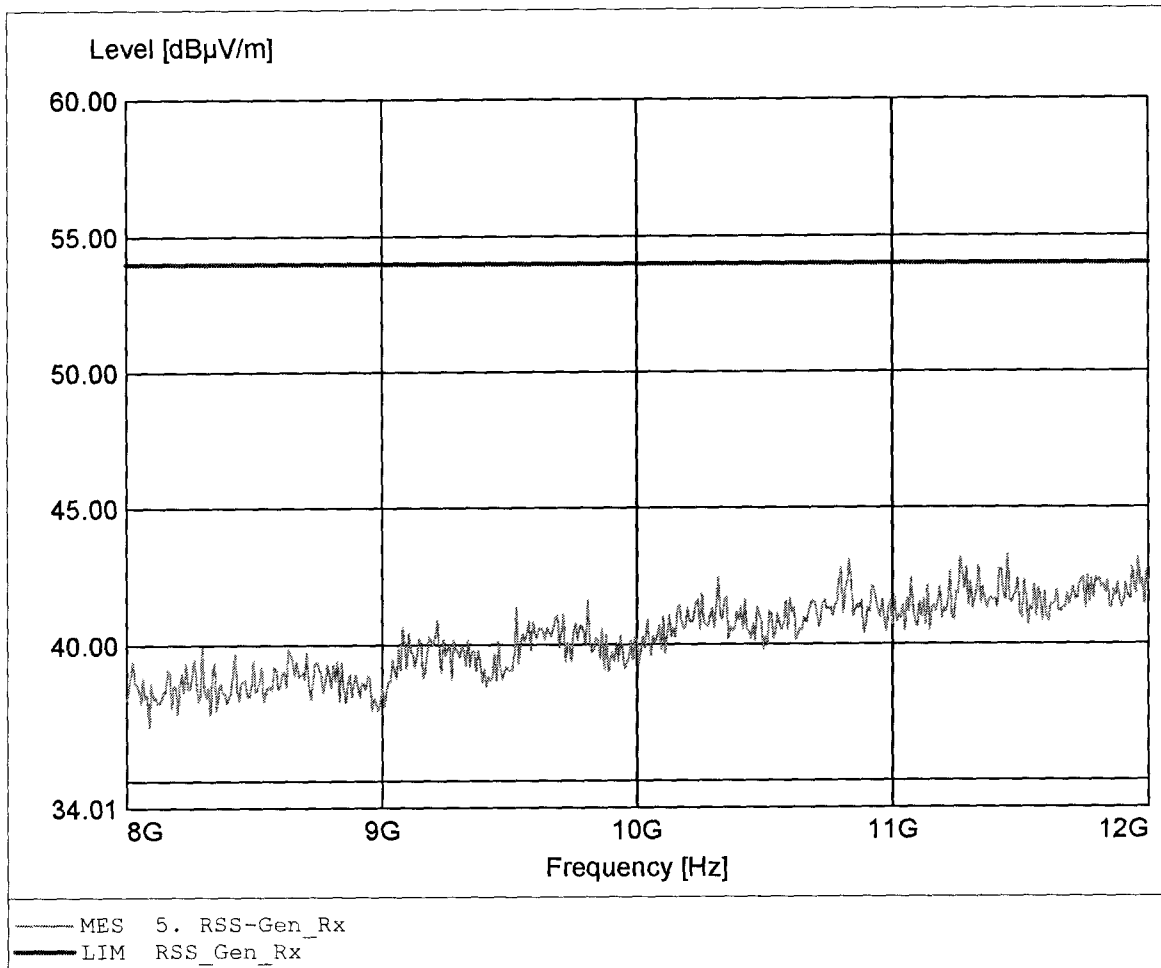
Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:7.720GHz Emax:44.35dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.448GHz Emax:43.27dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

Approval Holder: PANASONIC ELECTRONIC DEVICES EUROPE GmbH
EUT / Model: ZIGBEE-MODULE / ETRX-2-PA
Mode: Ant.: on board / Freq.: 2440 MHz / RX
Test Site / Operator: ETS / Mr. Schlaps
Temperature/ Voltage: 25°C / Unom.: 3.30 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.488GHz Emax:43.25dBuV/m REW: 1 MHz

