

Appendix B

RF power output conducted

Appendix C

RF power output radiated (EIRP)

Appendix D

6 dB bandwidth

Appendix E

Peak power spectral density

Appendix F

Spurious emission conducted

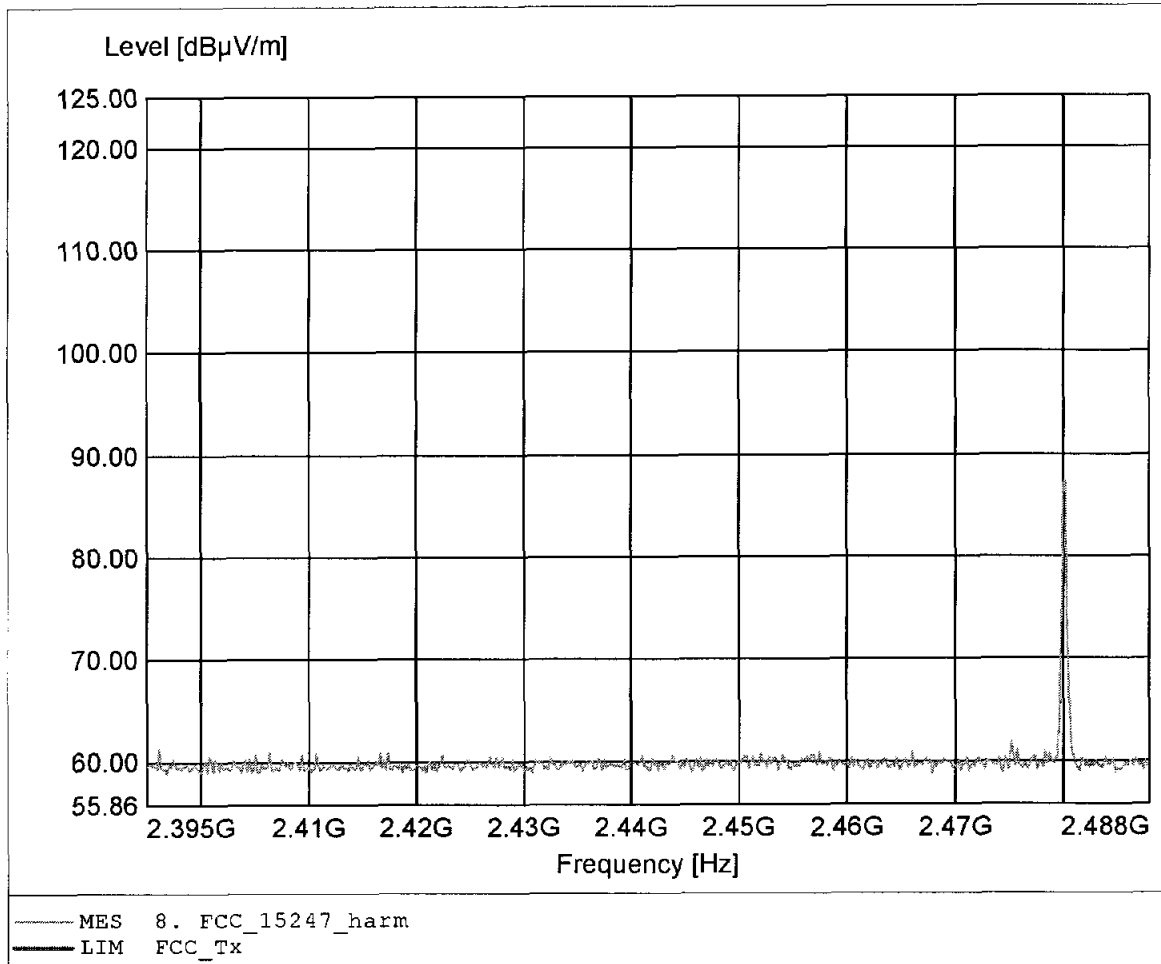
Appendix G

Spurious emission radiated

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

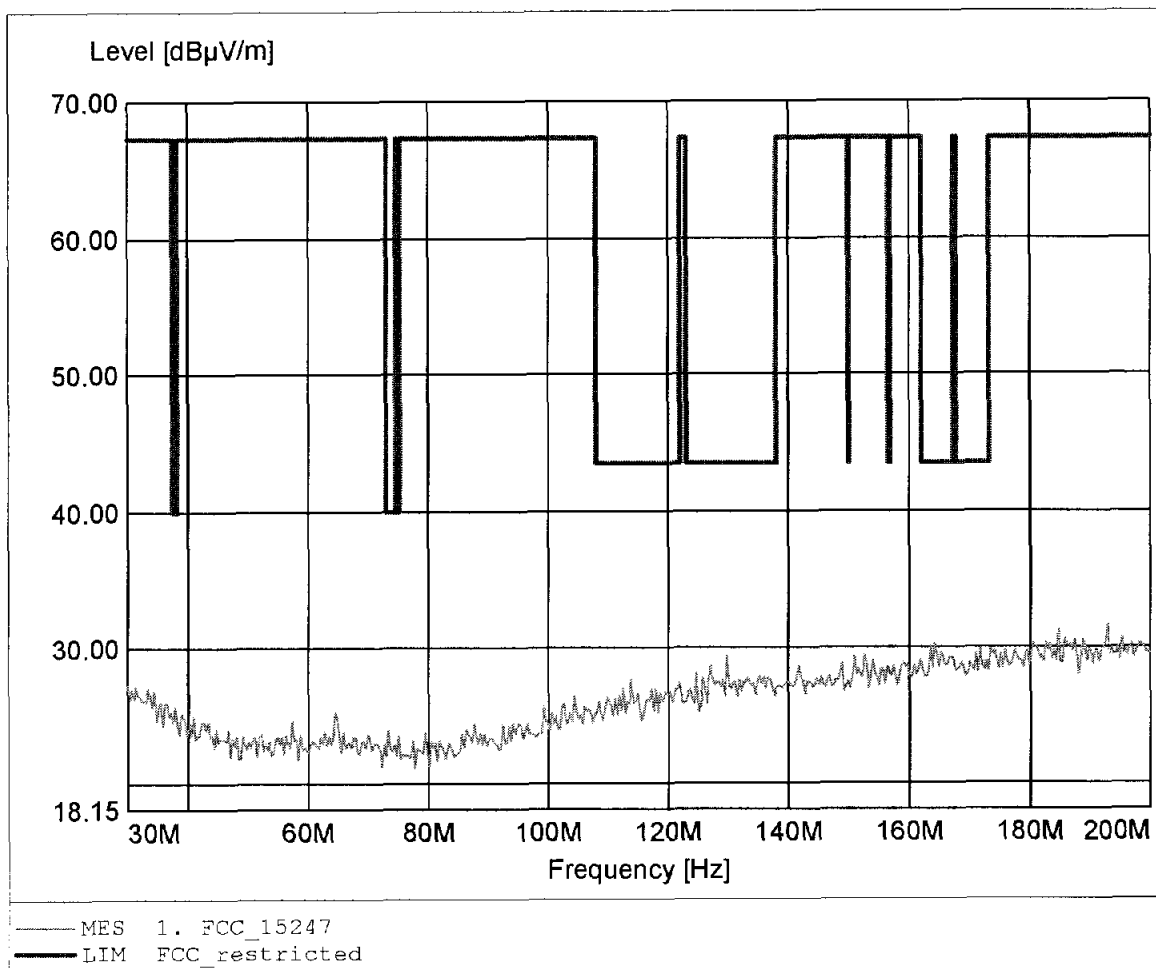
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Emax: 87.33dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

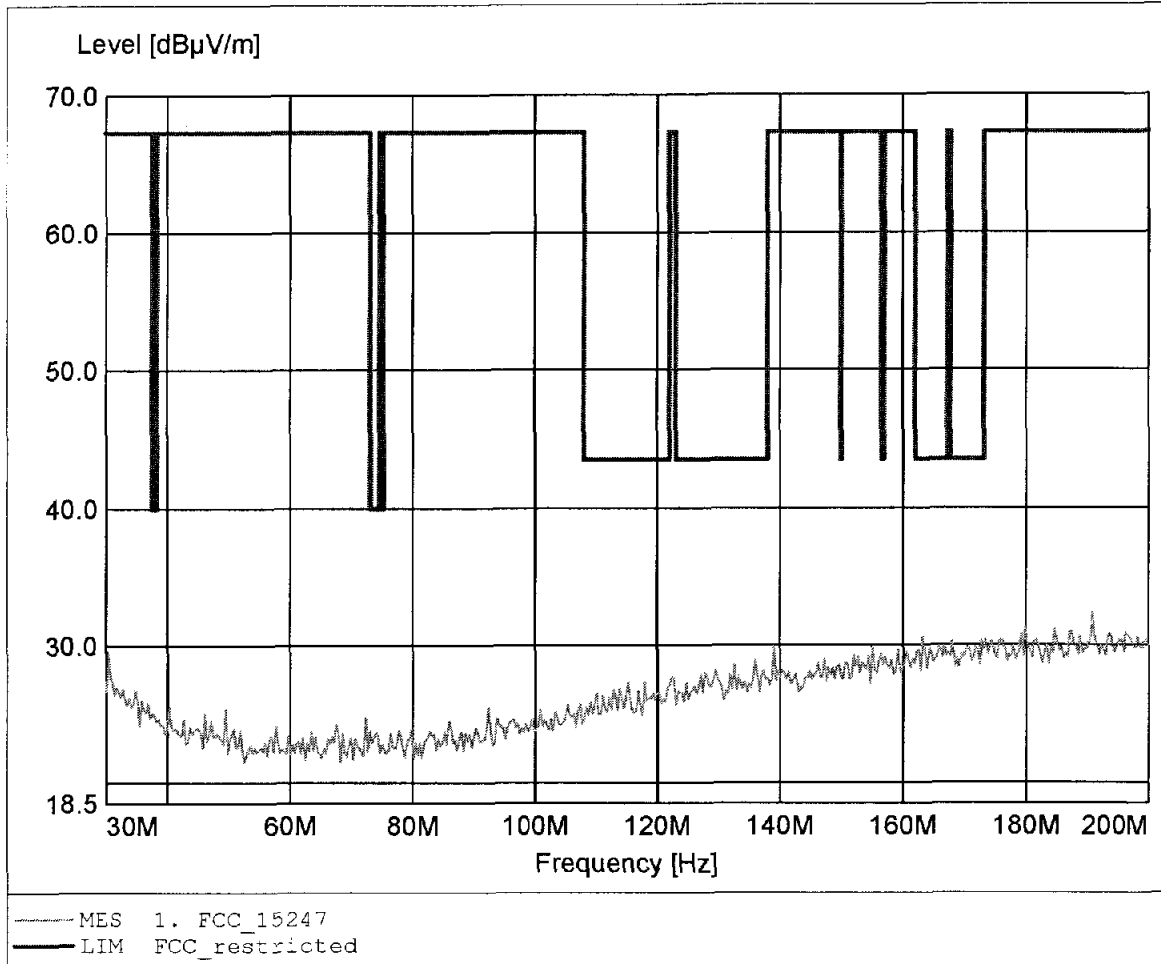
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.846MHz, Emax: 31.66dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

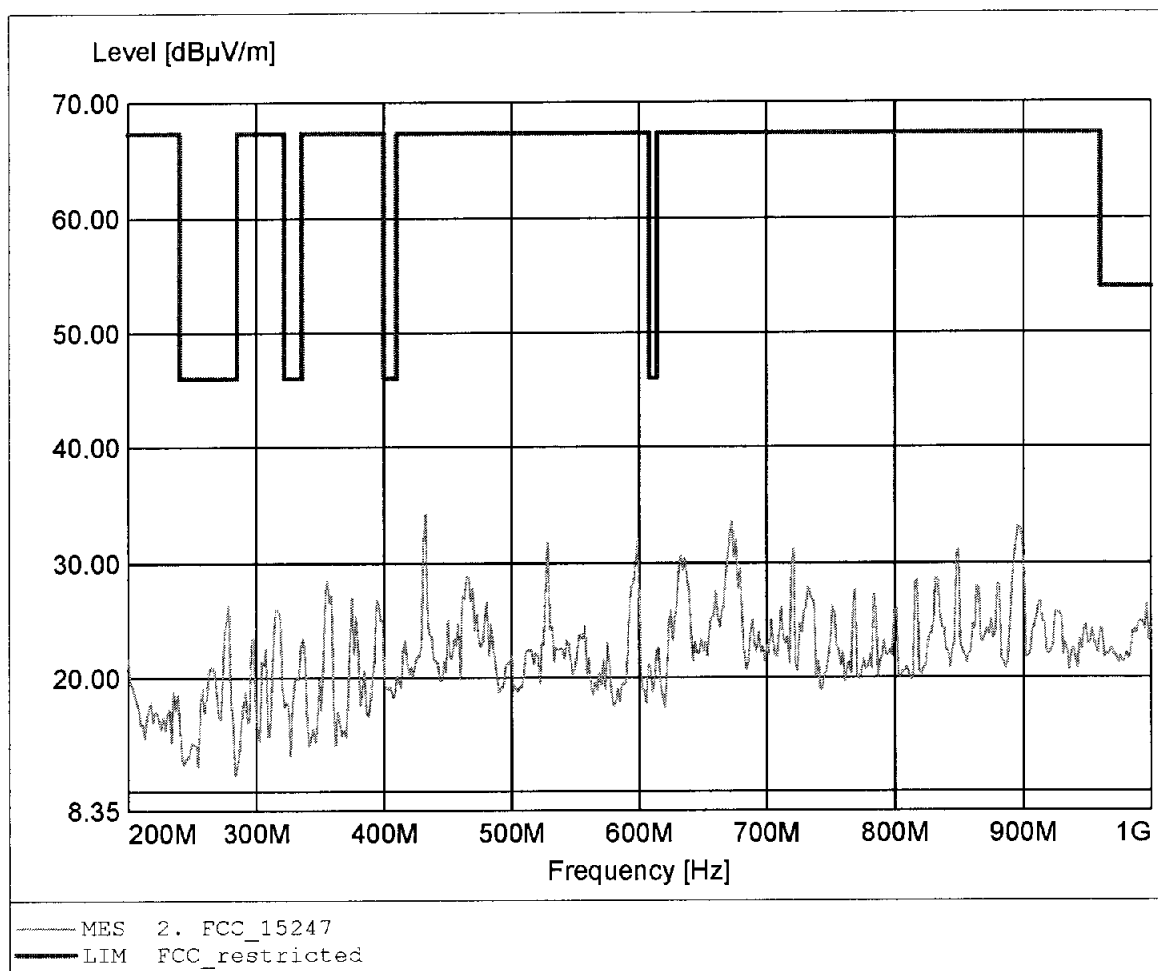
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 190.802MHz, Emax: 32.31dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

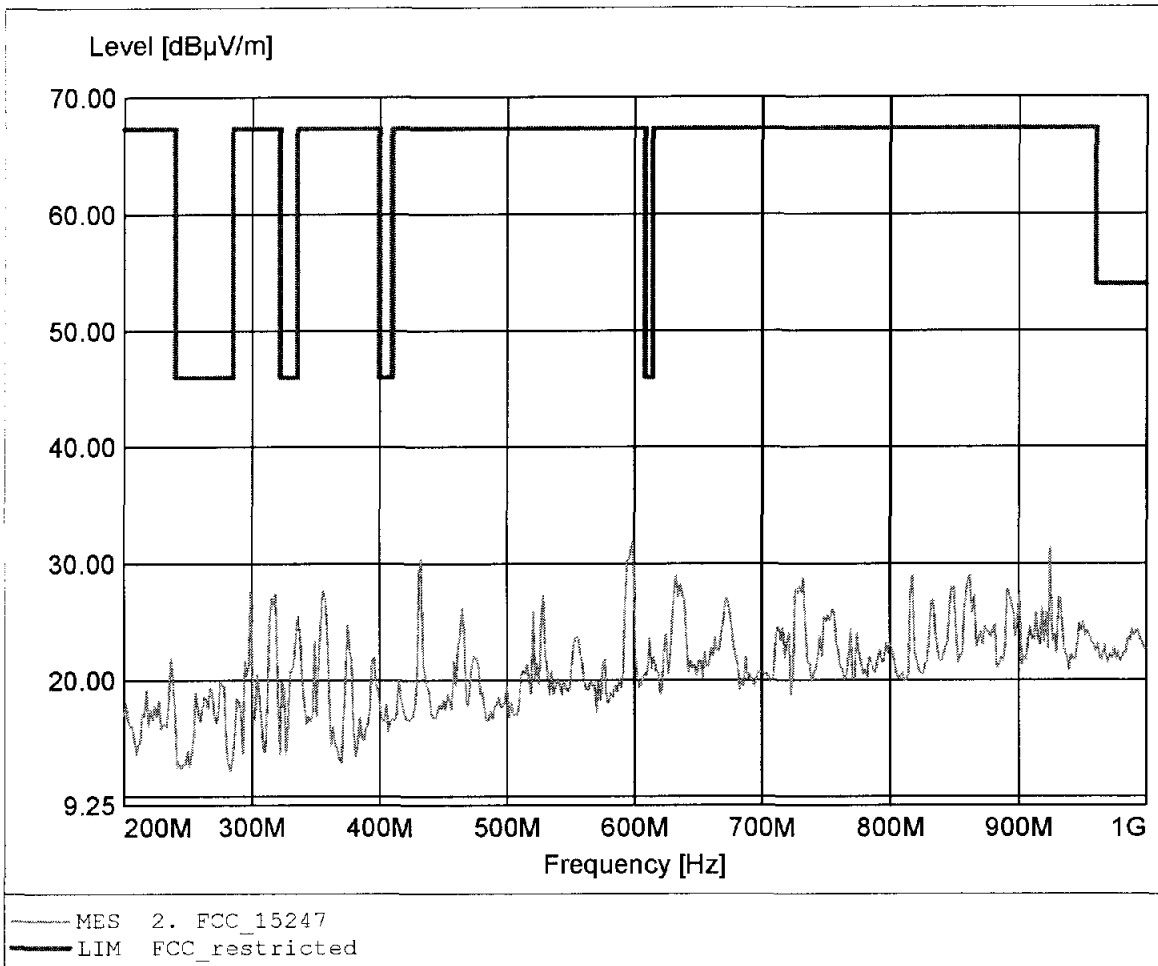
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 432.465MHz, Emax: 34.30dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

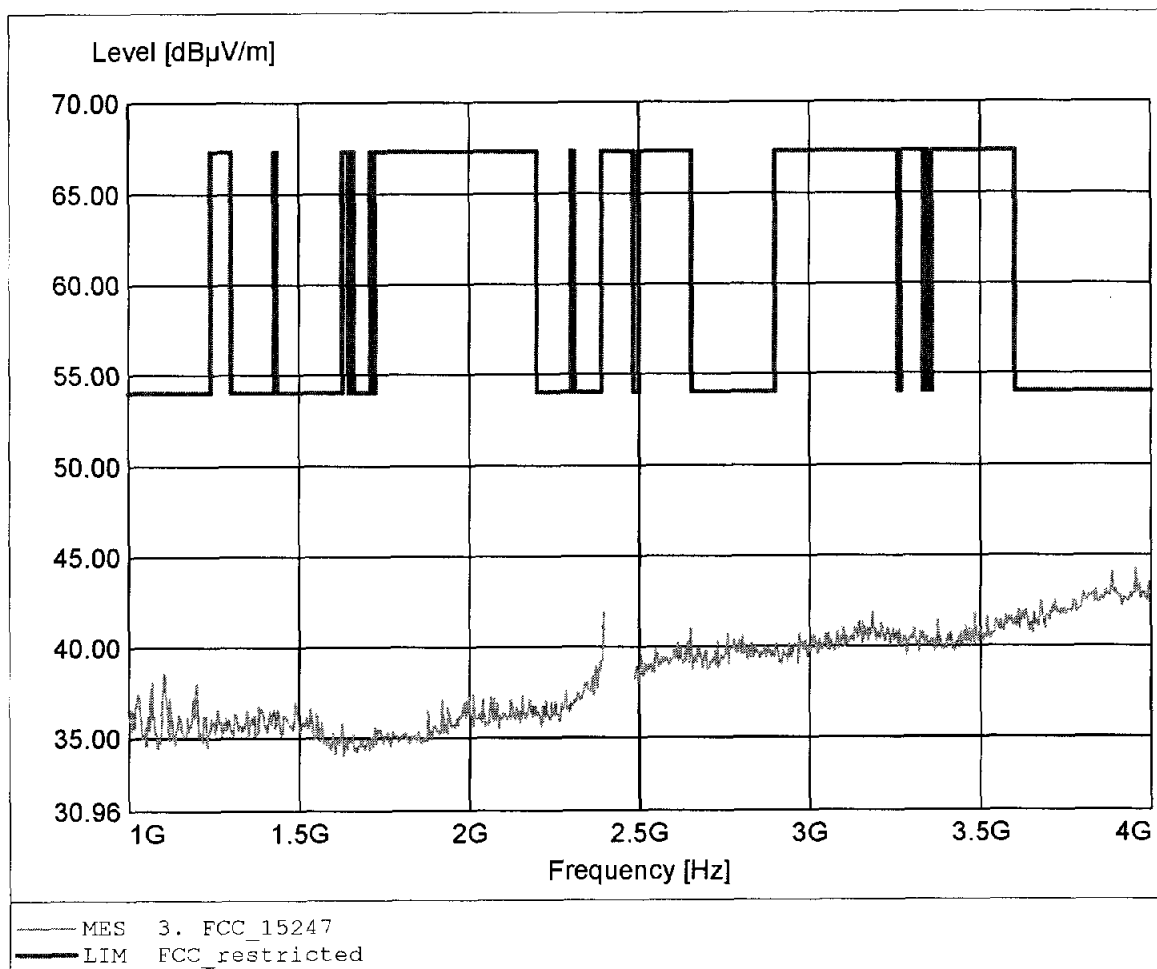
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 599.198MHz, Emax: 31.88dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

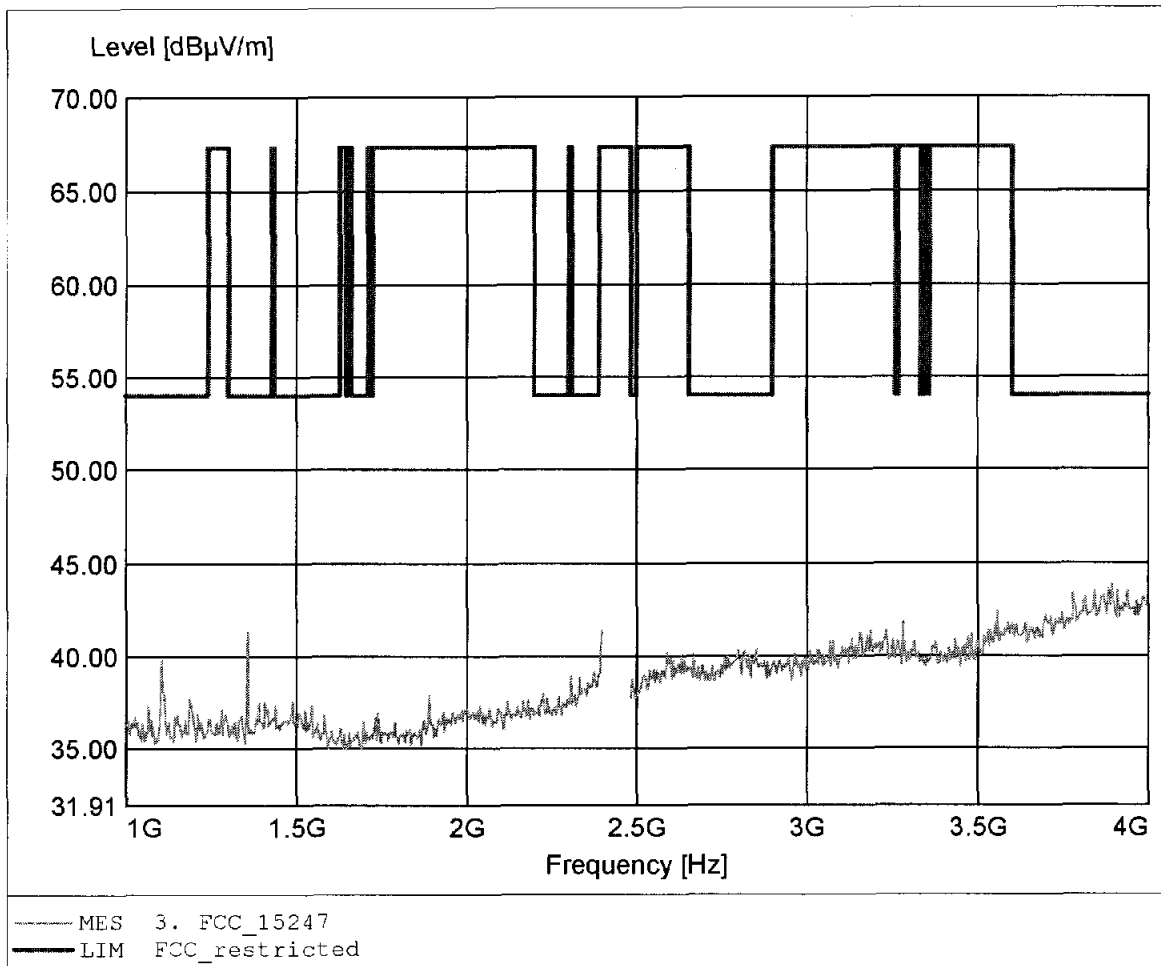
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.954GHz, Emax: 44.33dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

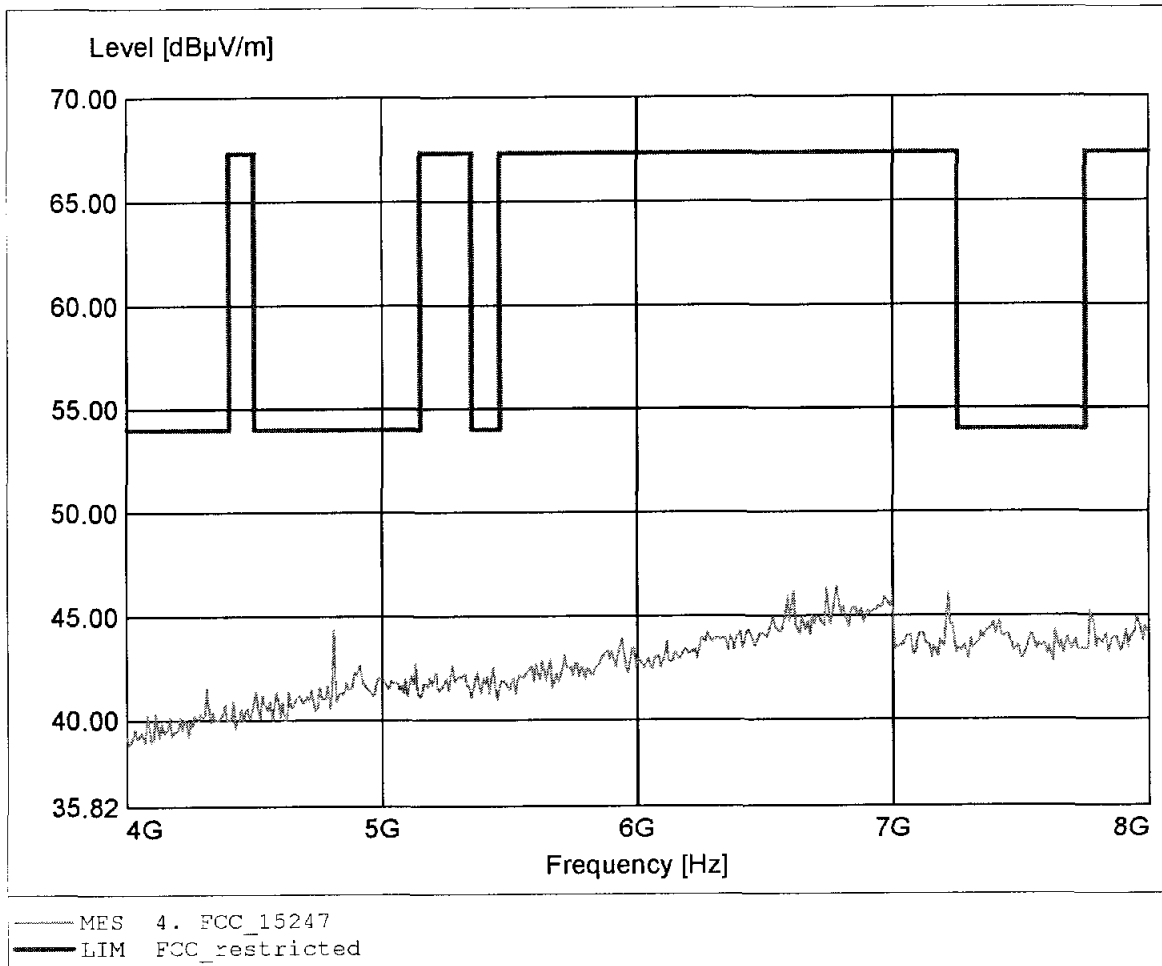
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.894GHz, Emax: 43.87dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

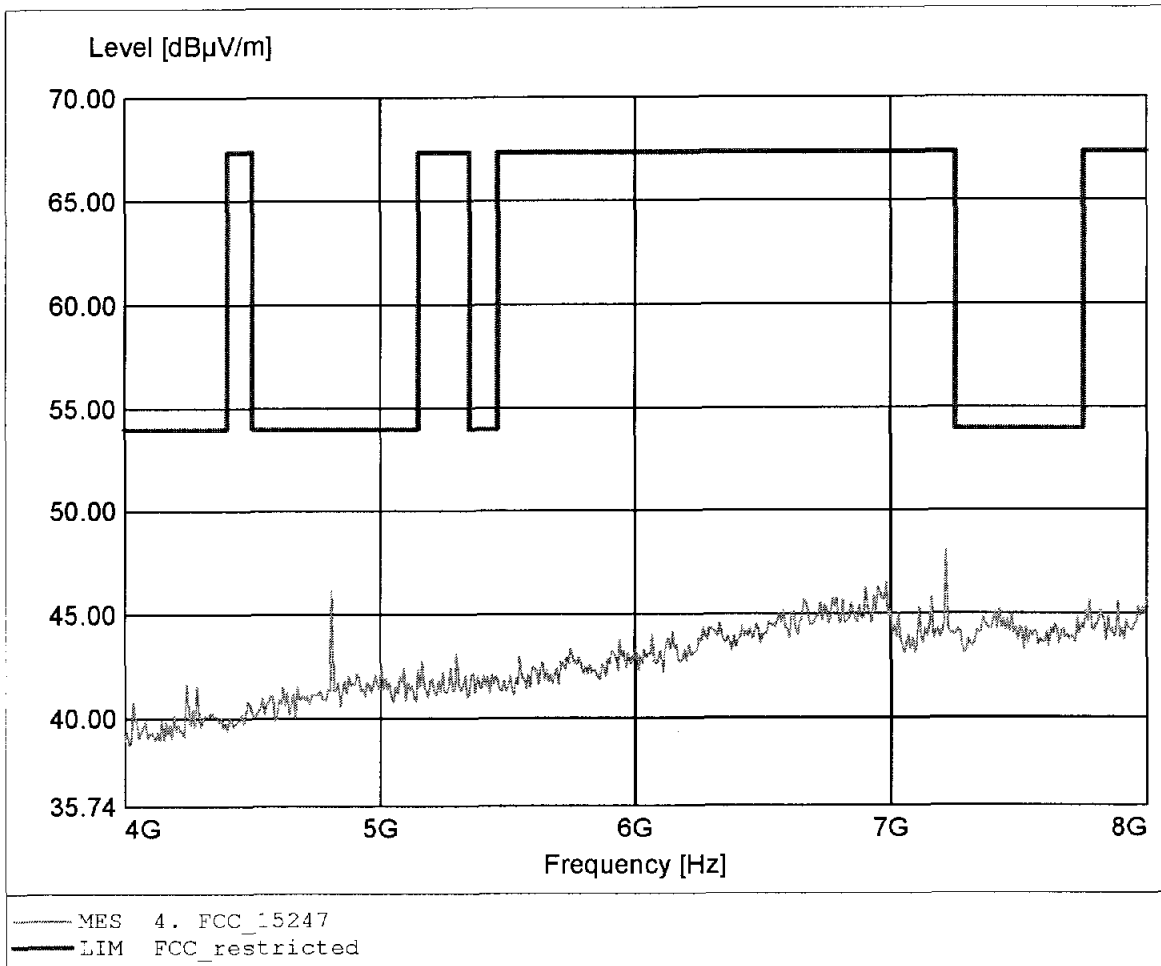
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.782GHz, Emax: 46.40dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

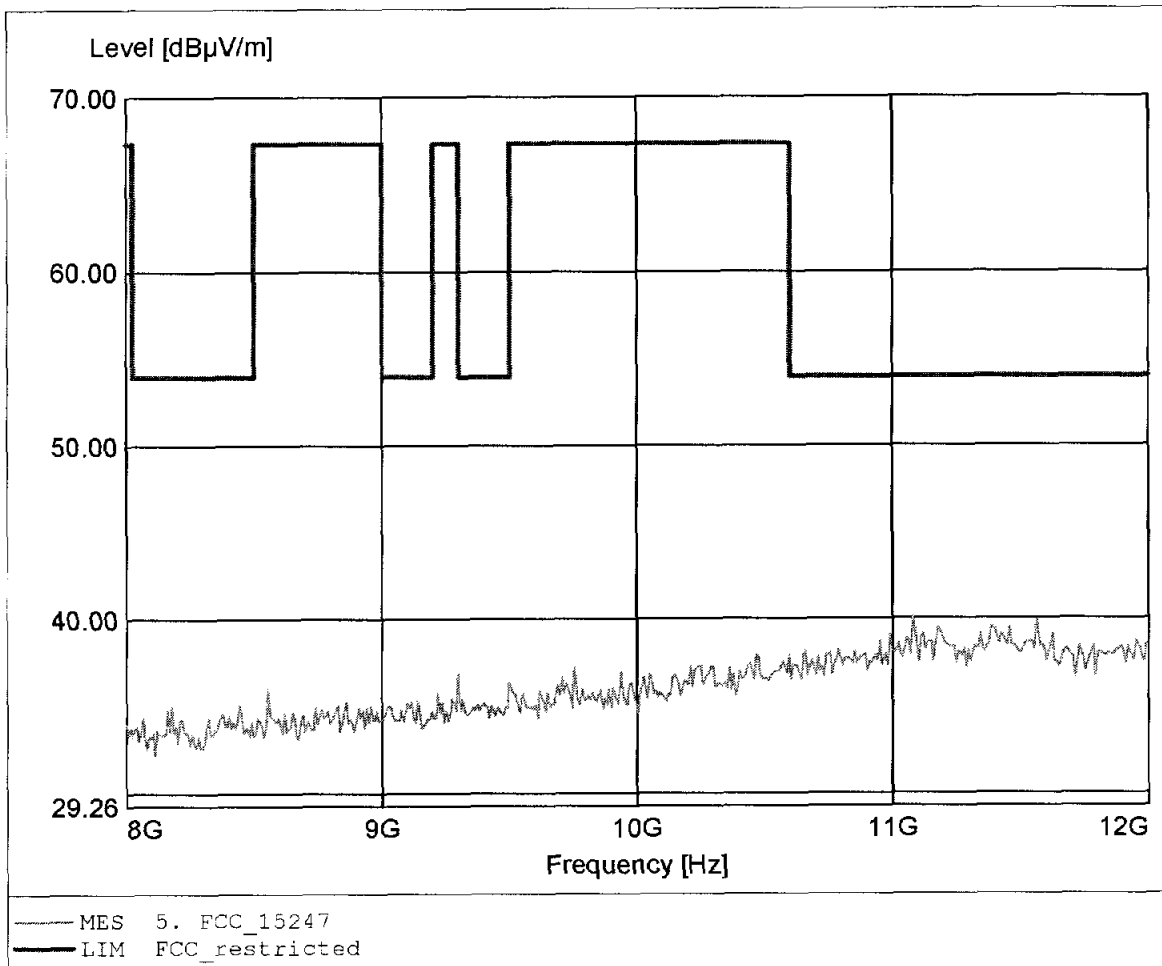
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 48.00dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

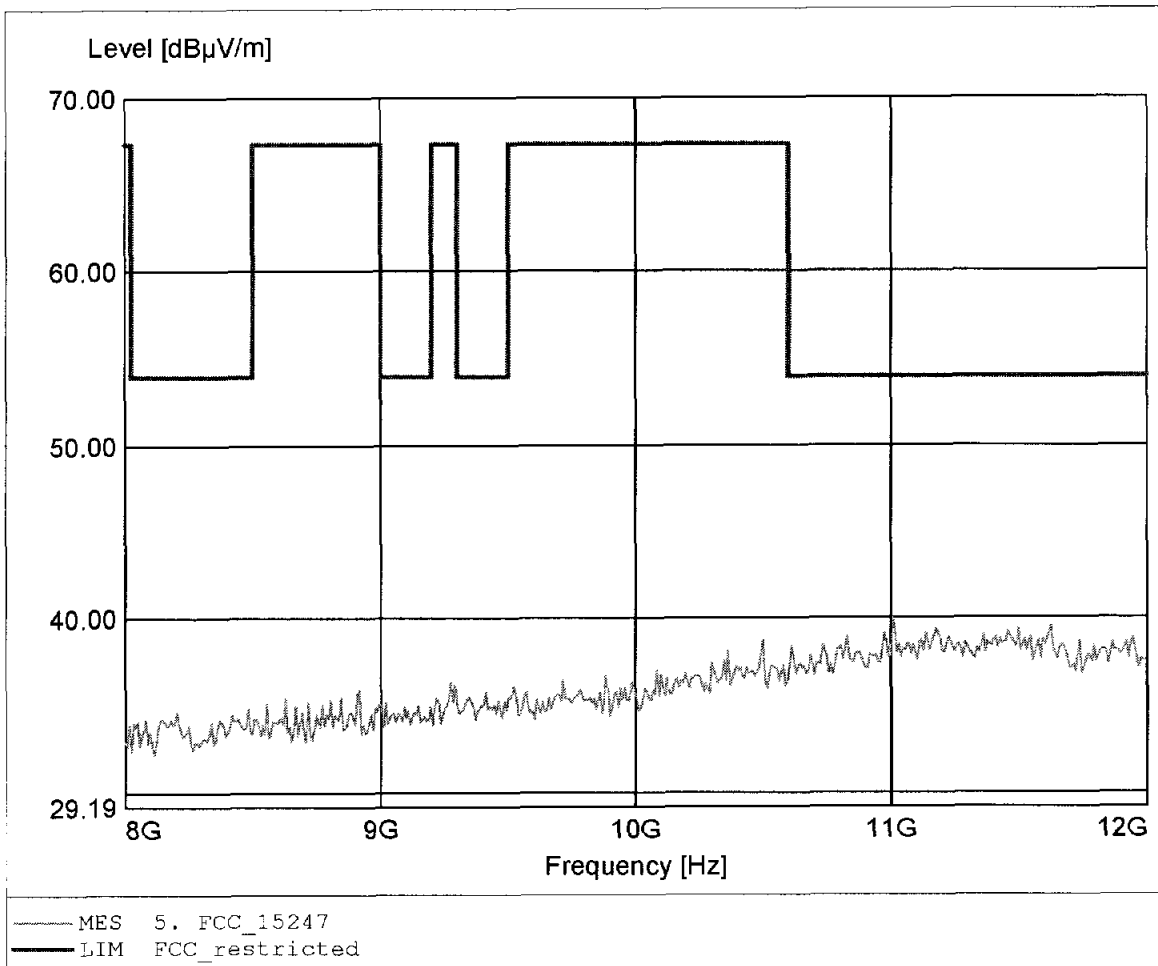
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.078GHz, Emax: 40.09dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

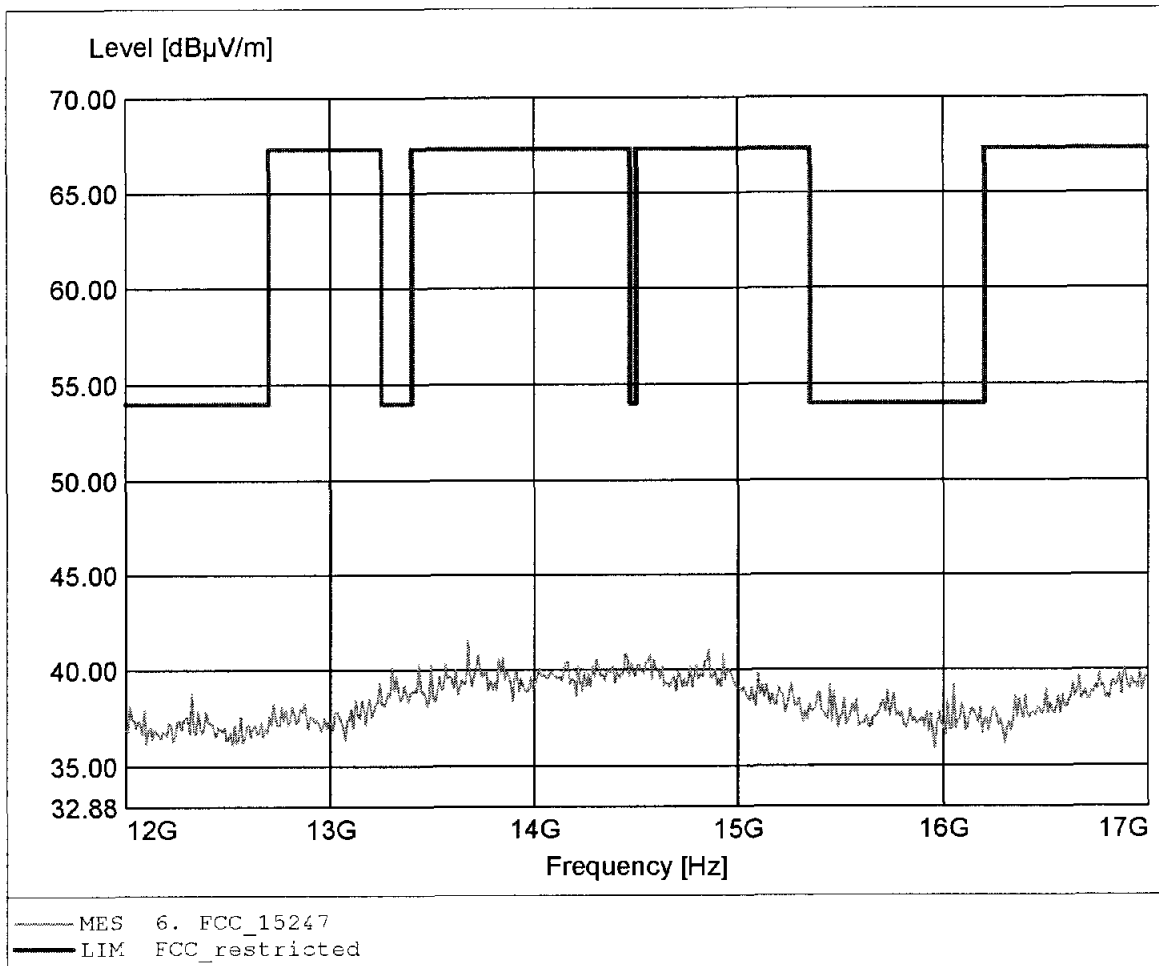
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.006GHz, Emax: 39.96dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

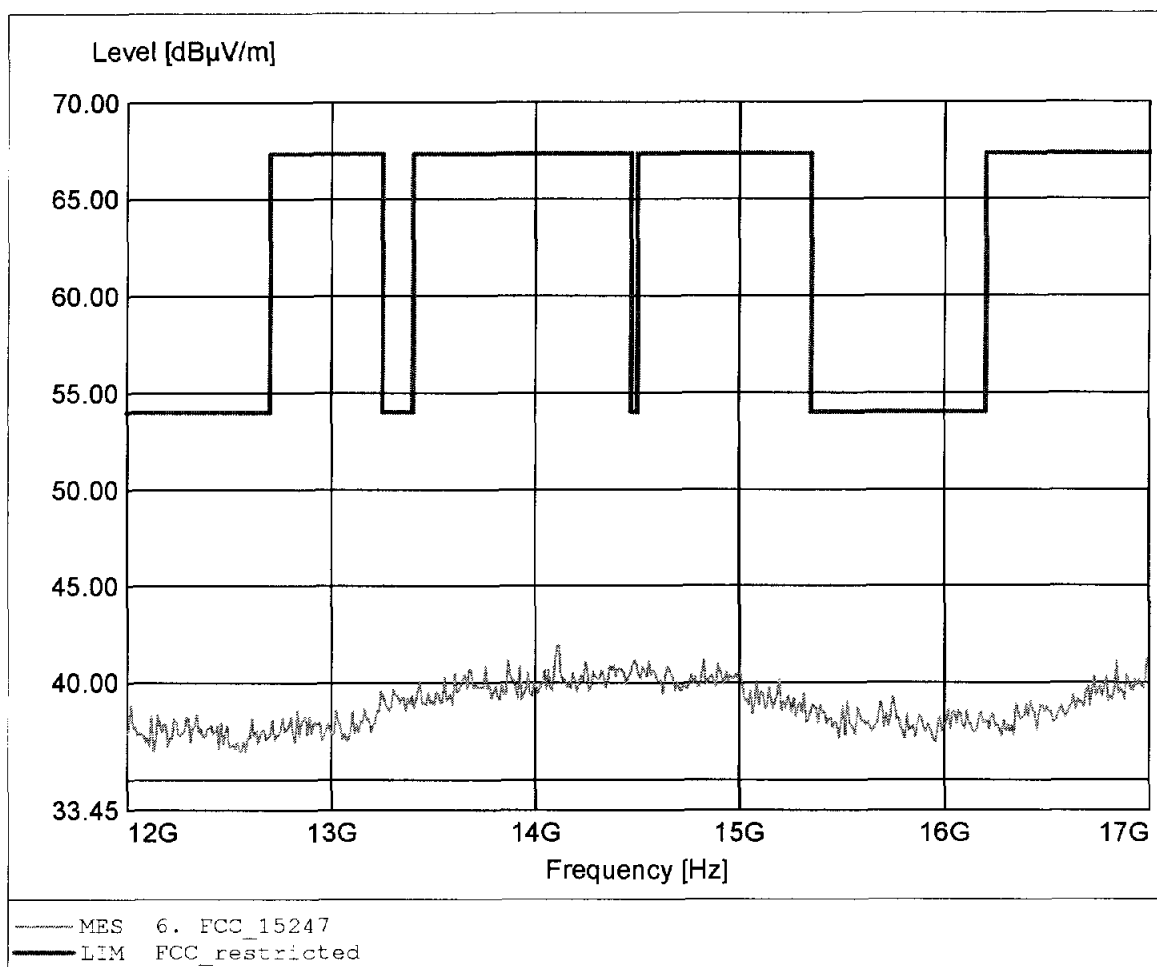
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.673GHz, Emax: 41.50dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

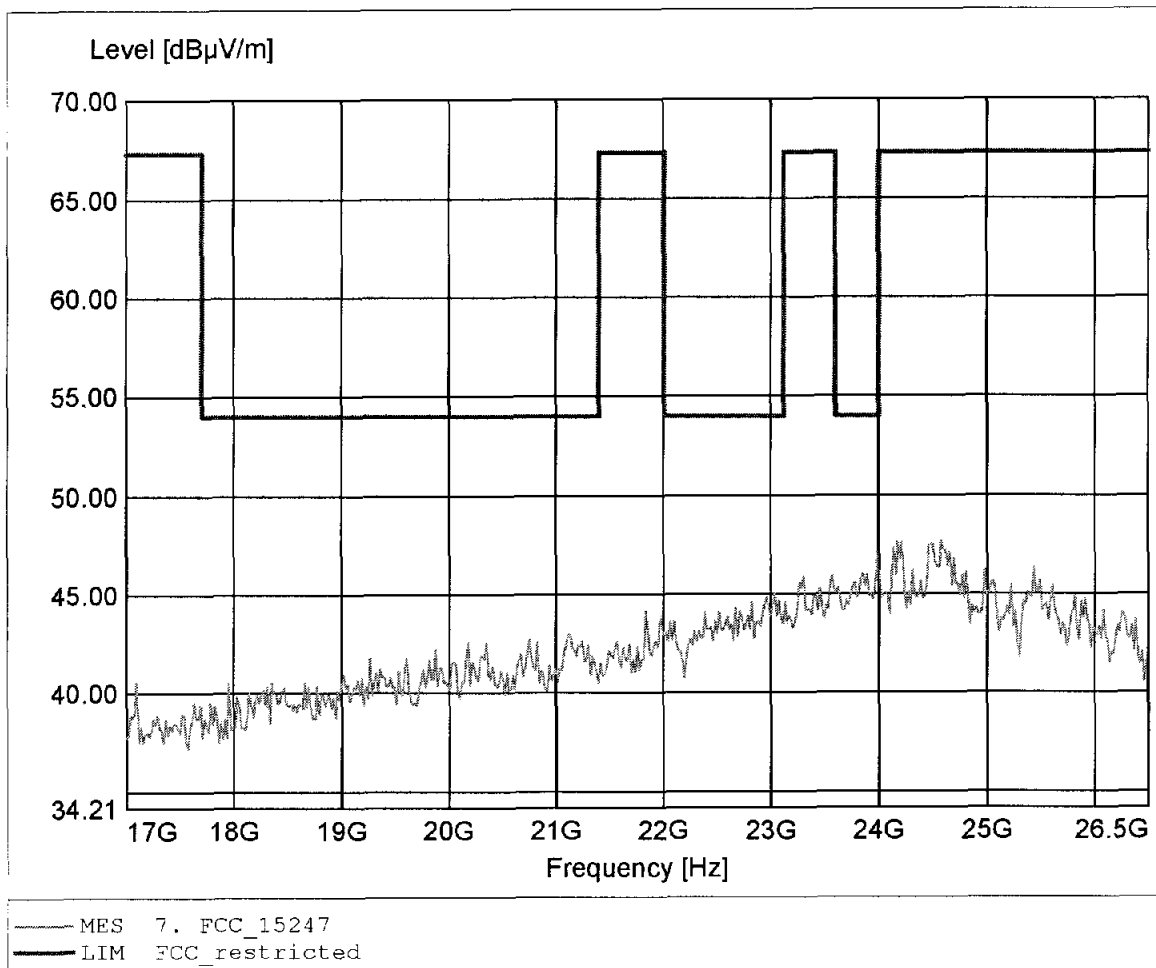
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.114GHz, Emax: 41.91dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

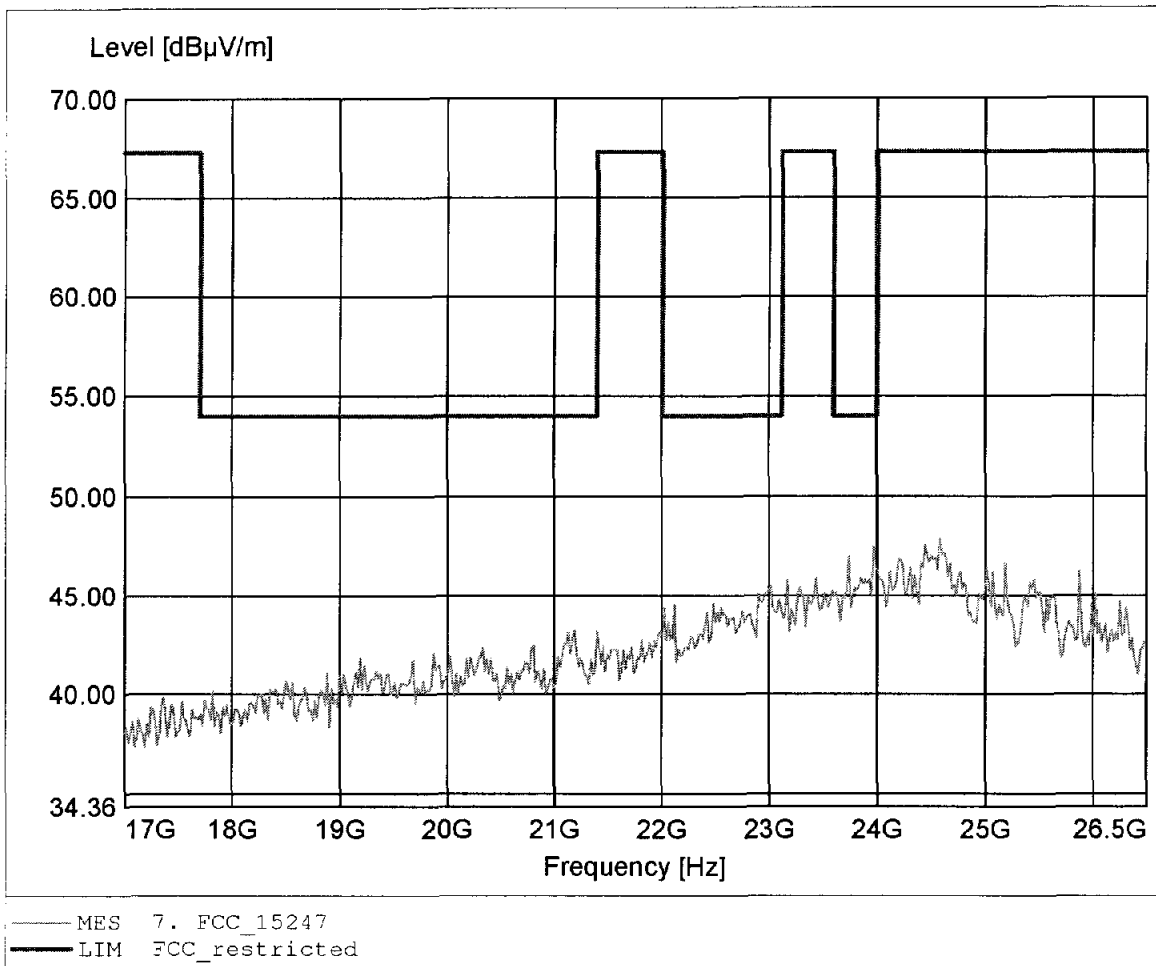
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.577GHz, Emax: 47.75dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

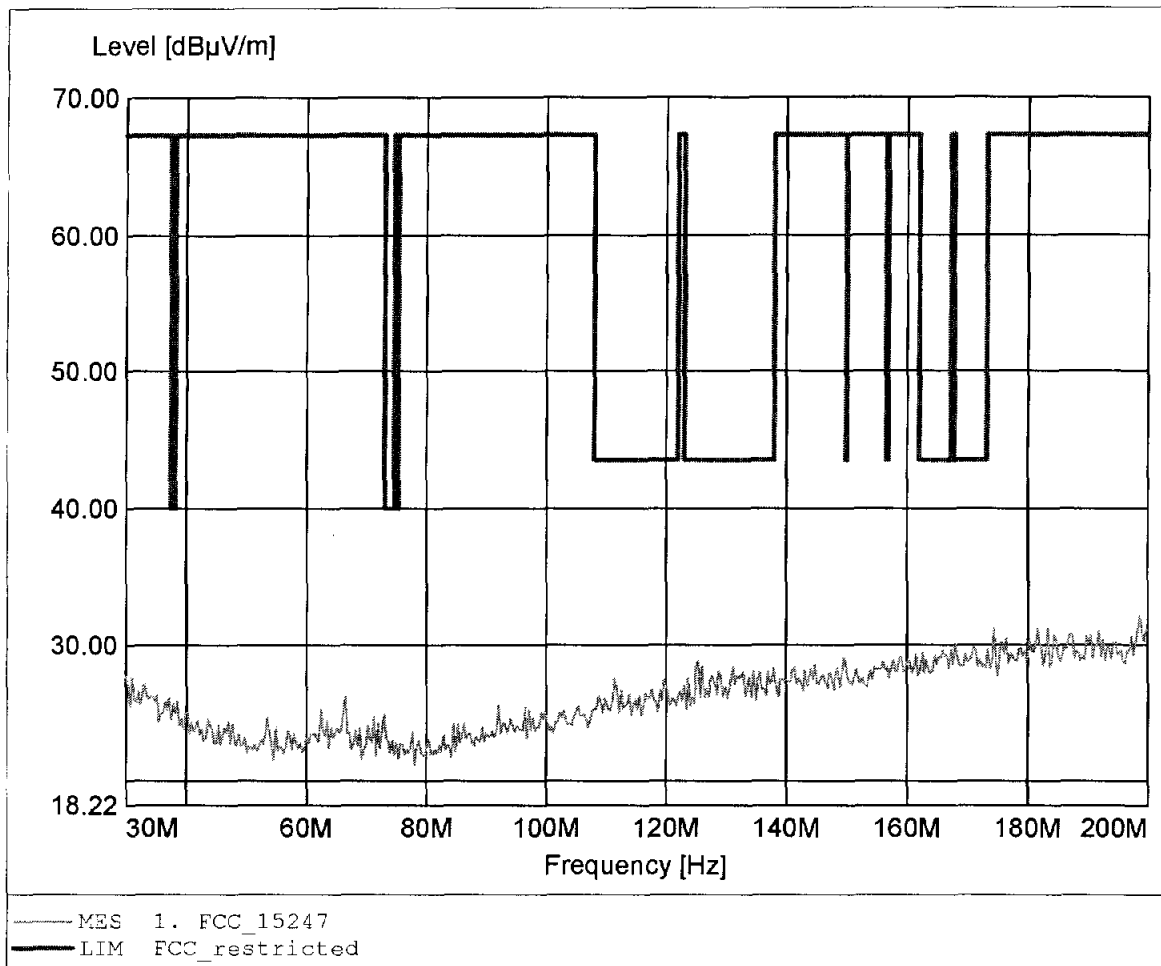
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.577GHz, Emax: 47.89dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

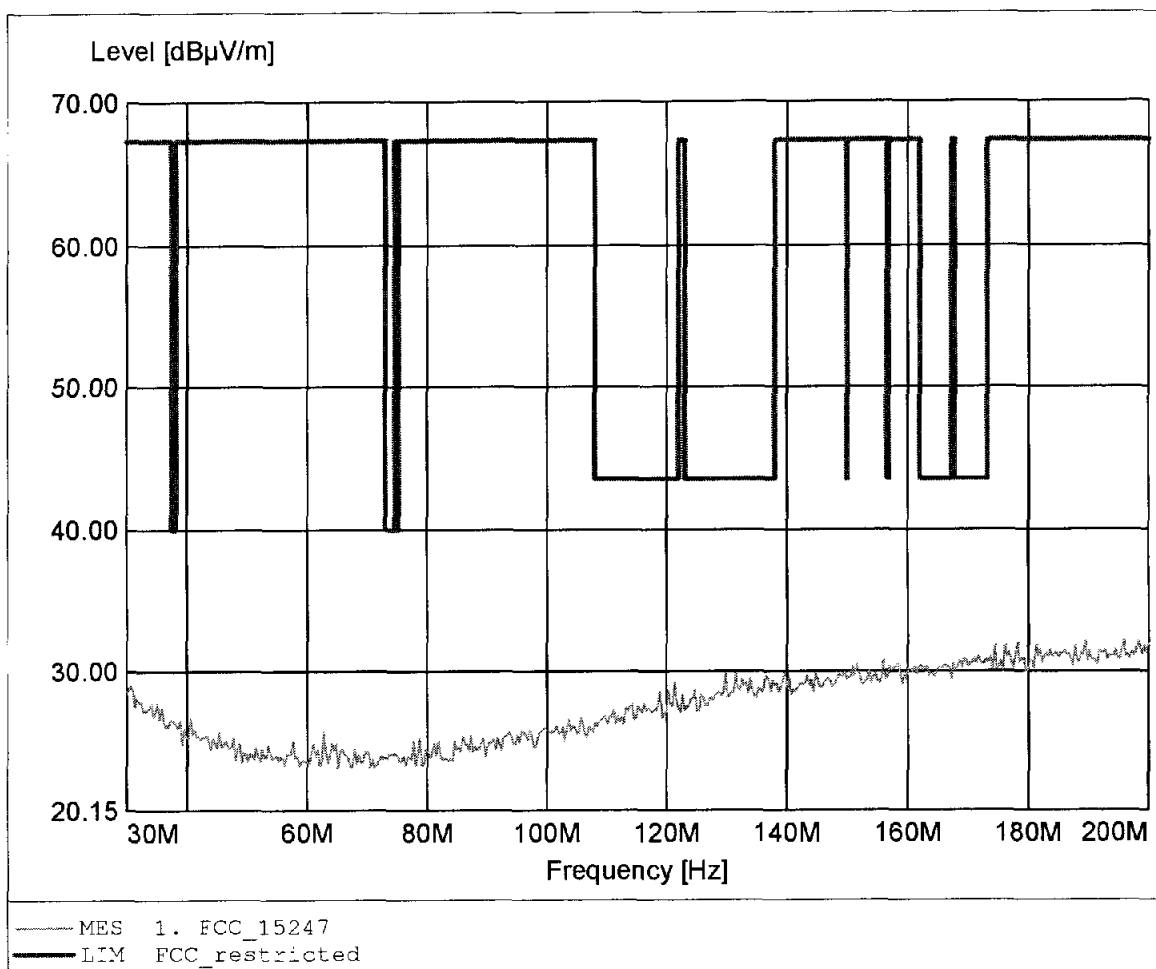
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.637MHz, Emax: 32.10dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

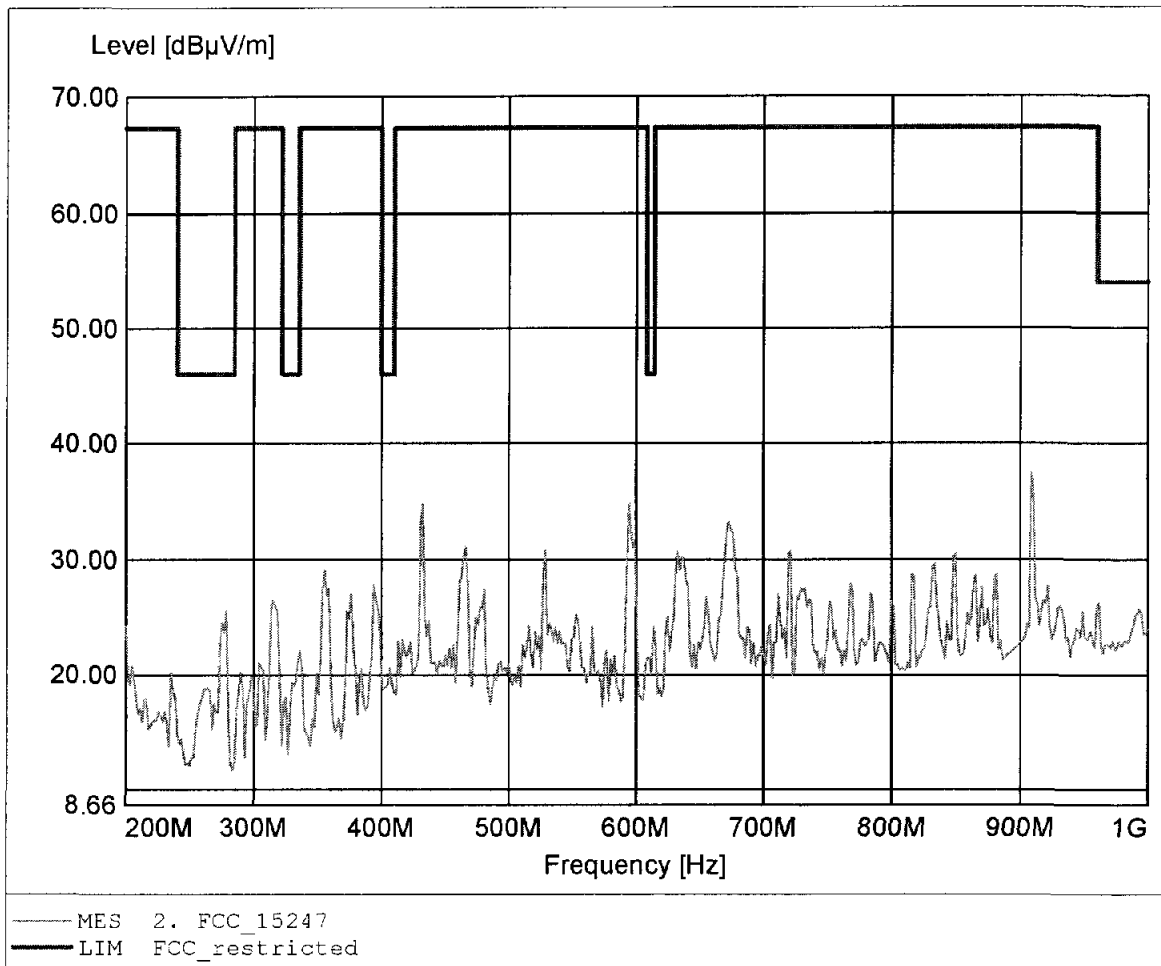
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.912MHz, Emax: 32.16dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

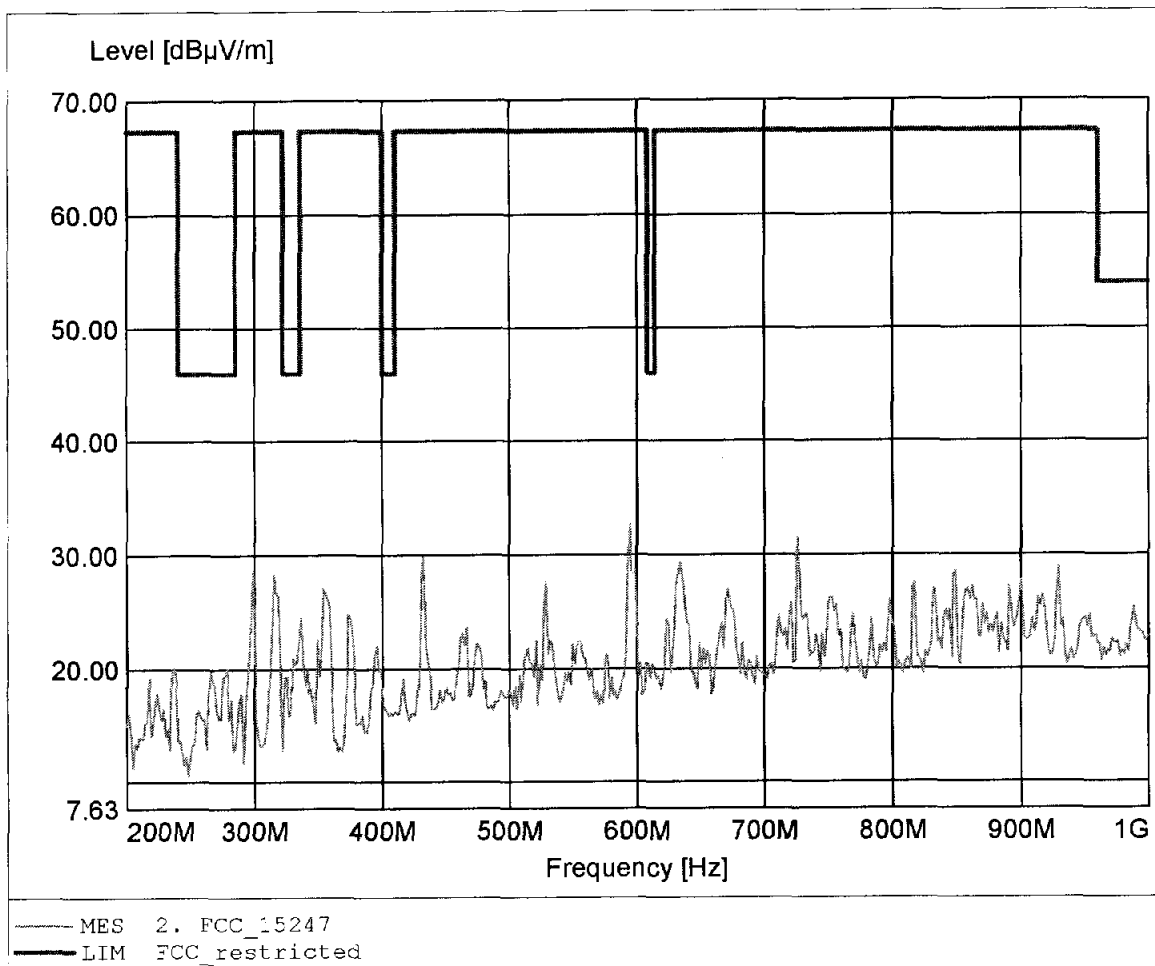
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 908.617MHz, Emax: 37.41dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

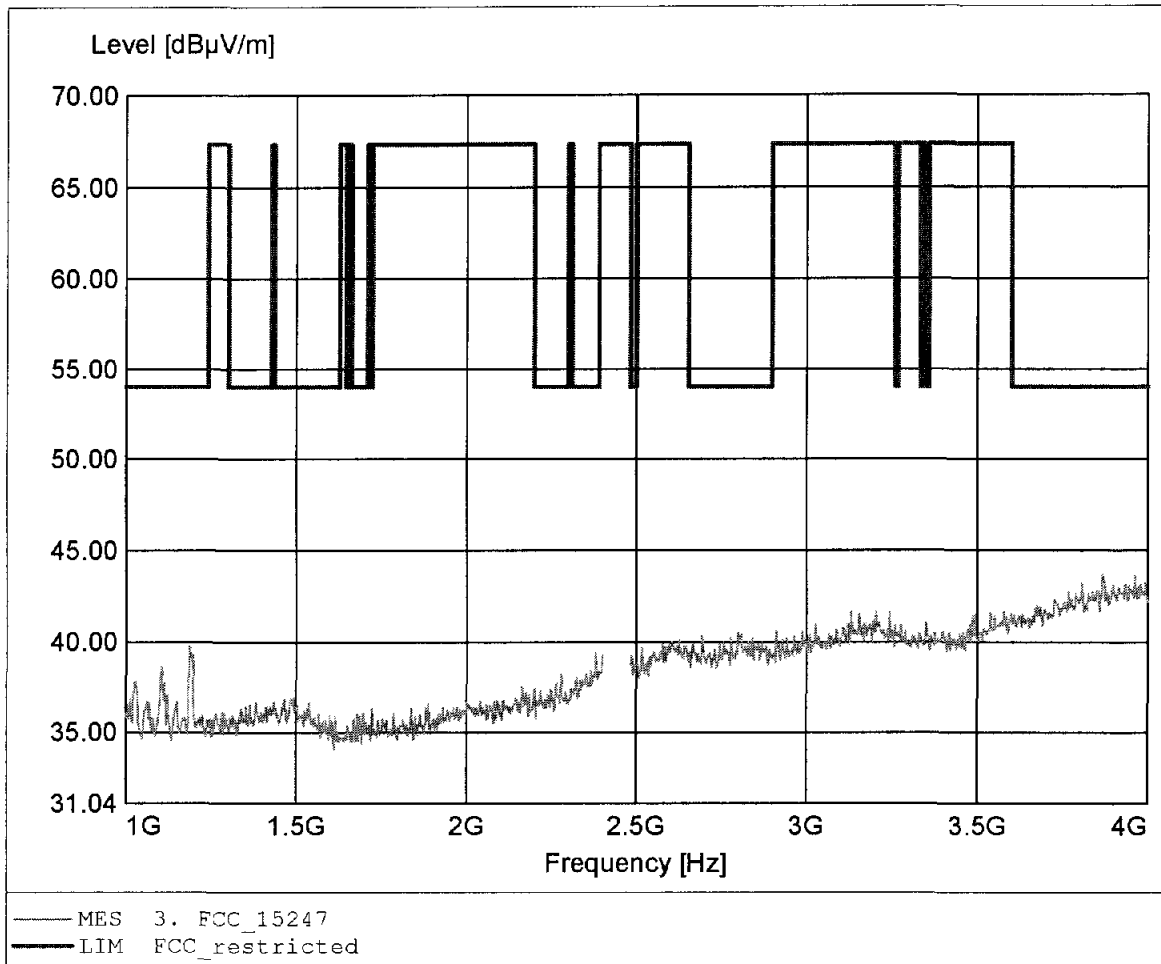
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 594.389MHz, Emax: 32.66dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

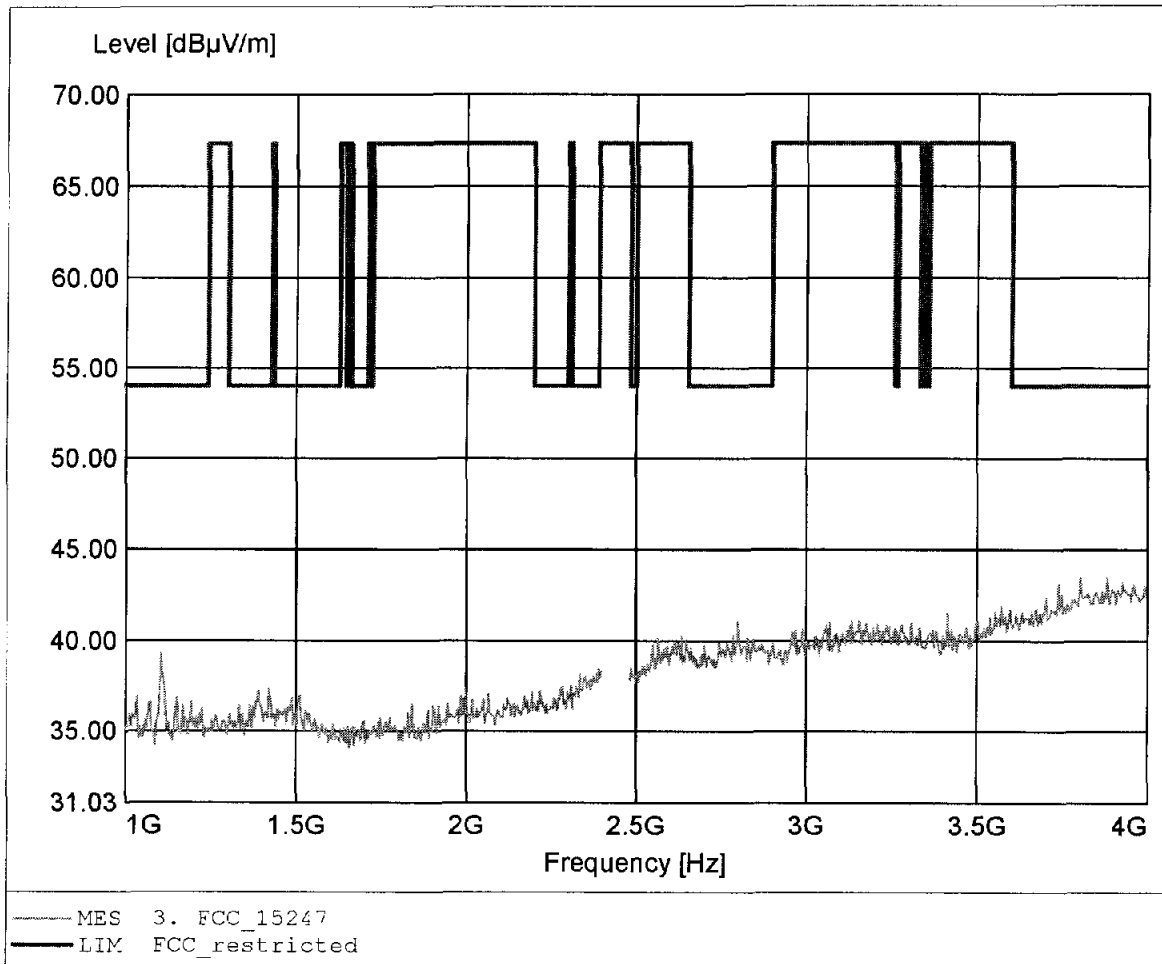
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.866GHz, Emax: 43.66dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

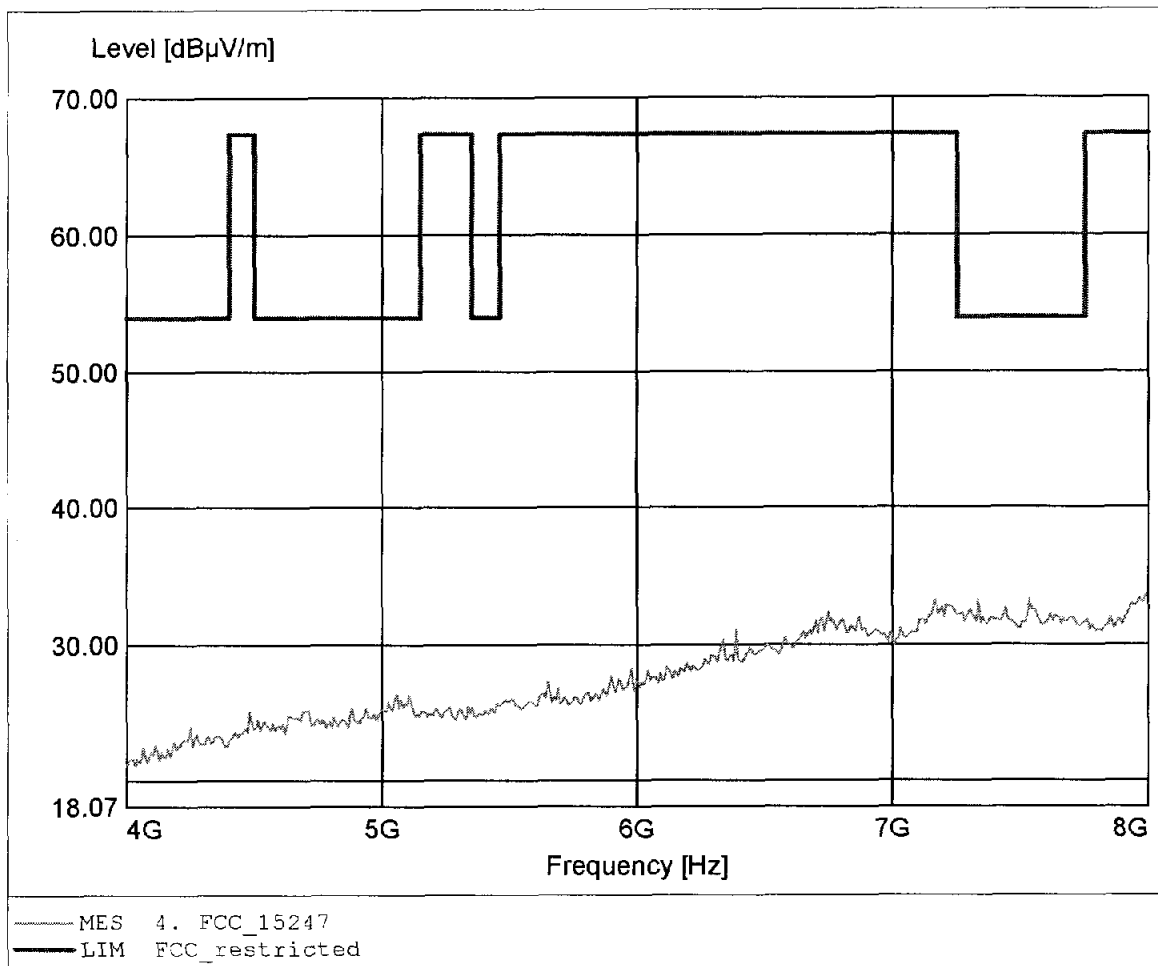
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.881GHz, Emax: 43.48dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

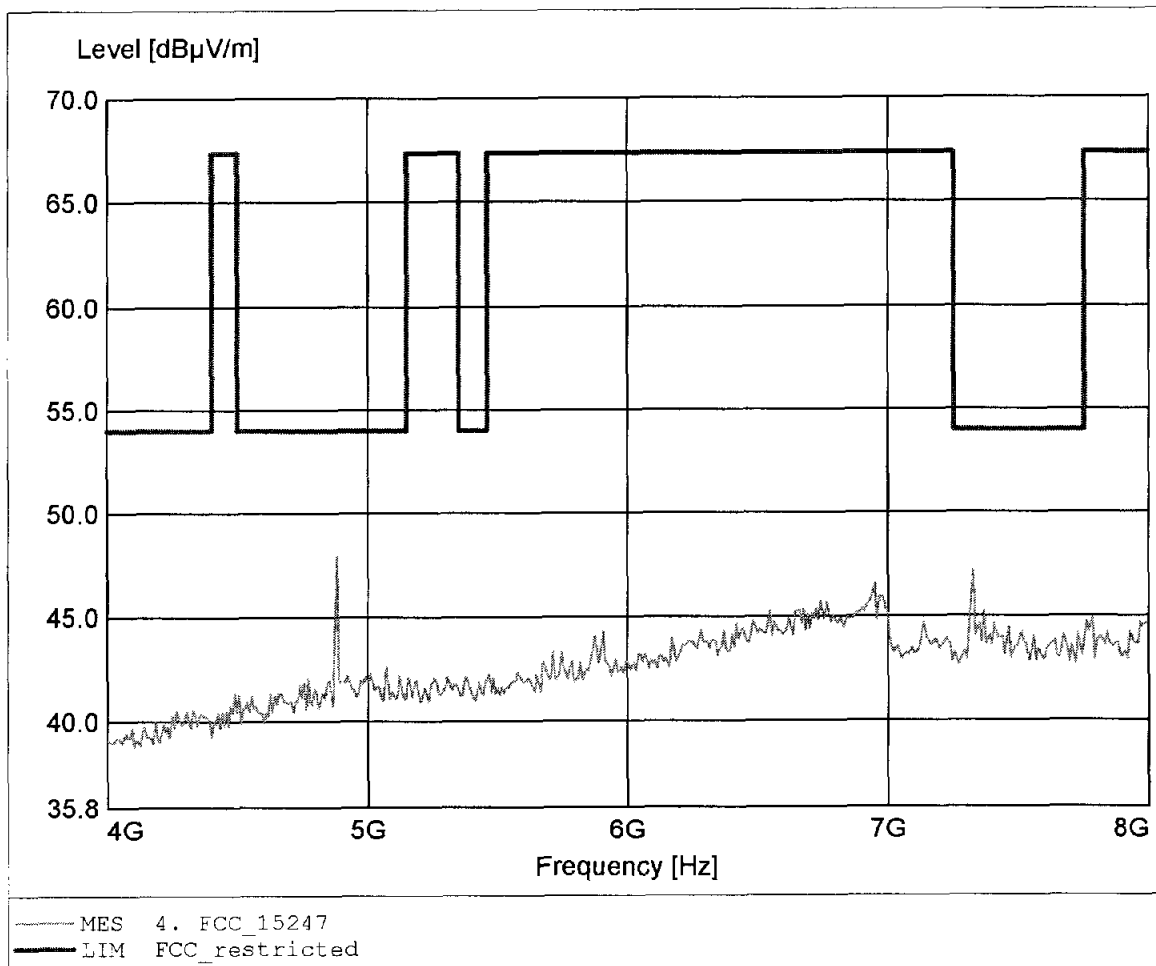
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.992GHz, Emax: 33.62dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

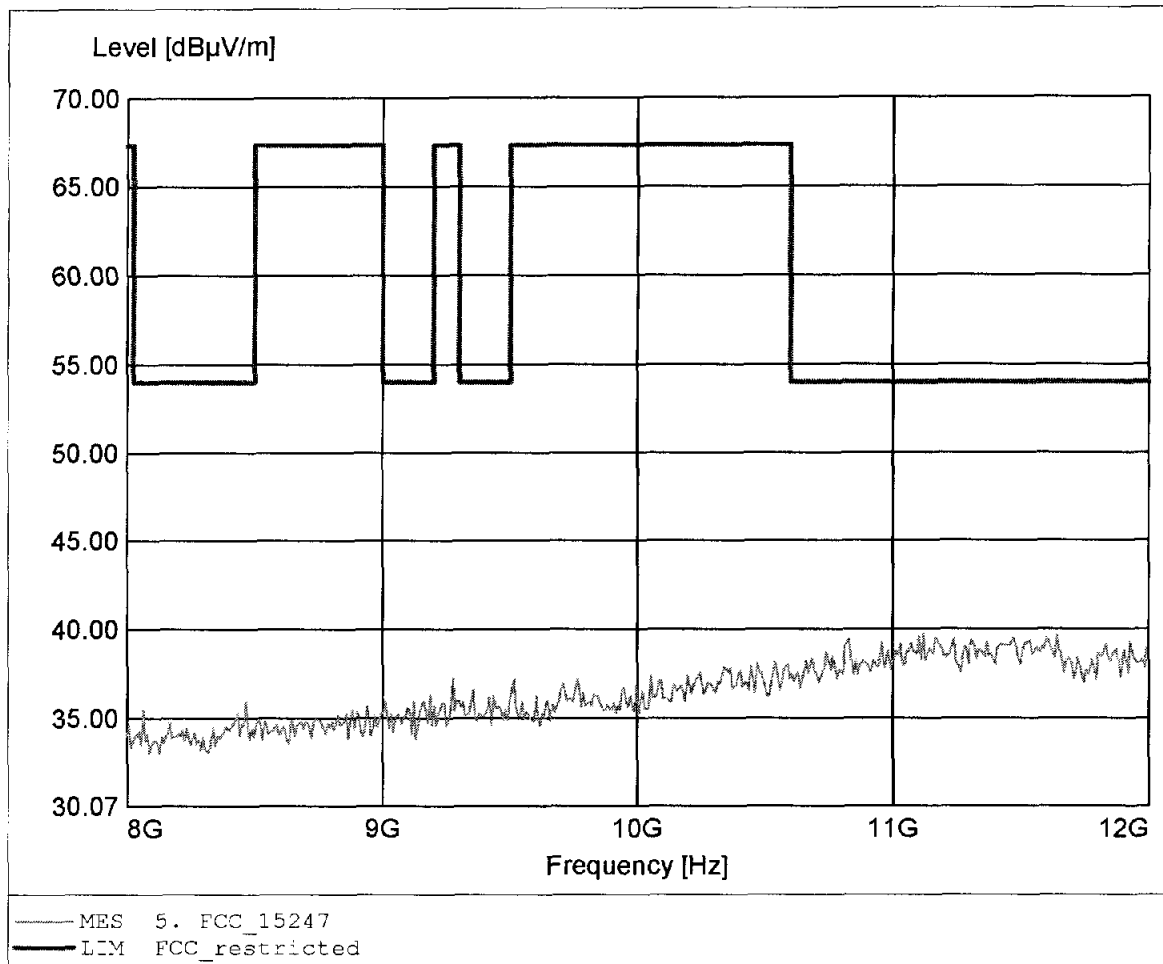
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 47.96dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

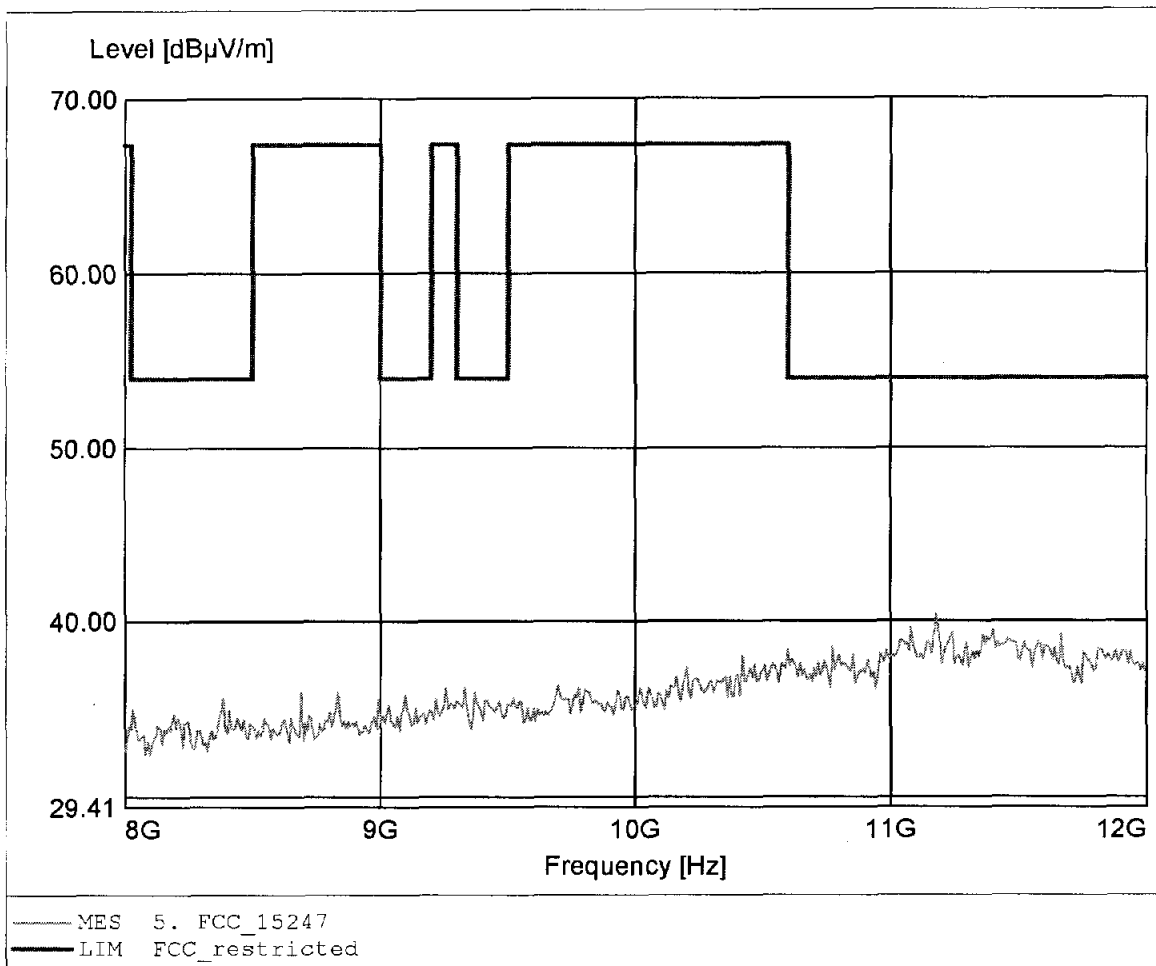
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.118GHz, Emax: 39.68dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

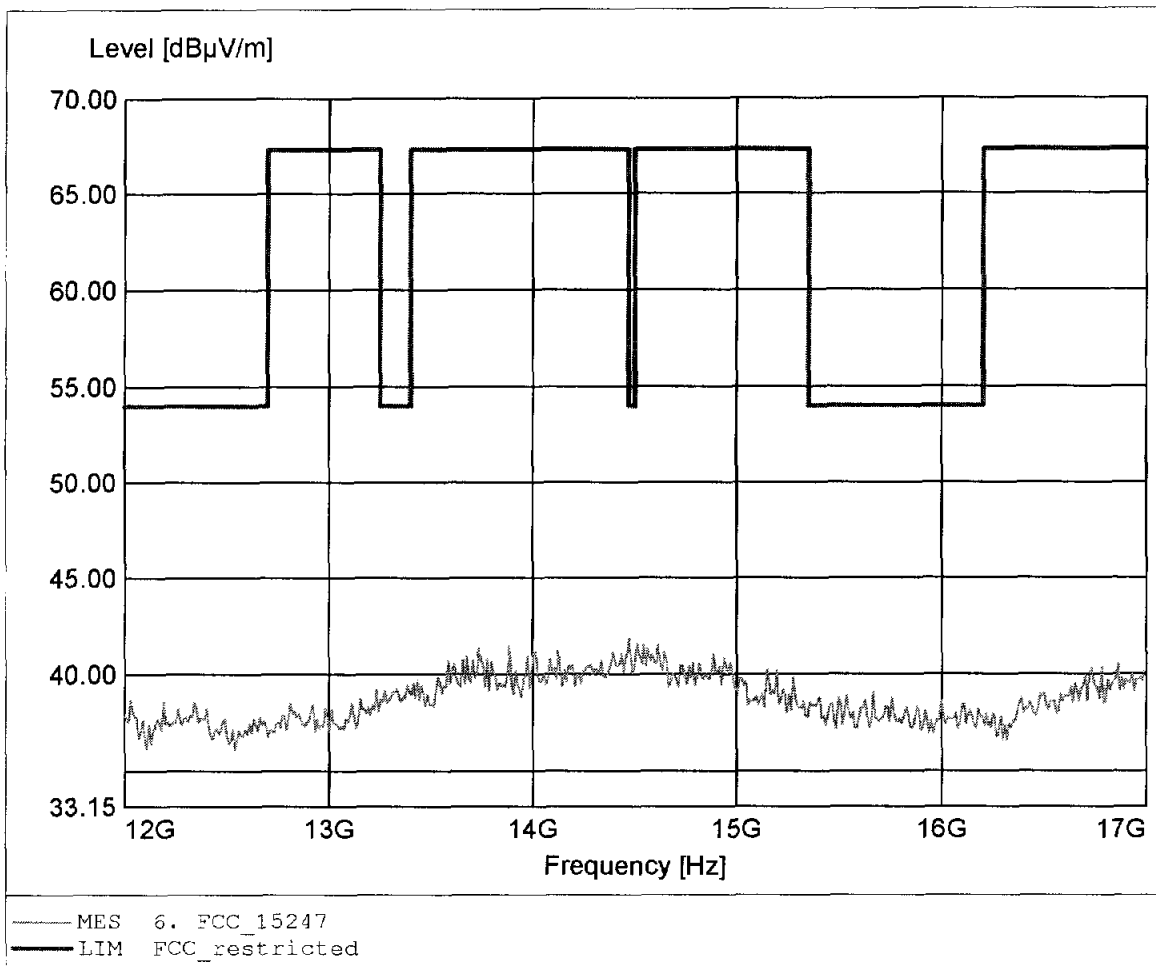
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.174GHz, Emax: 40.36dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

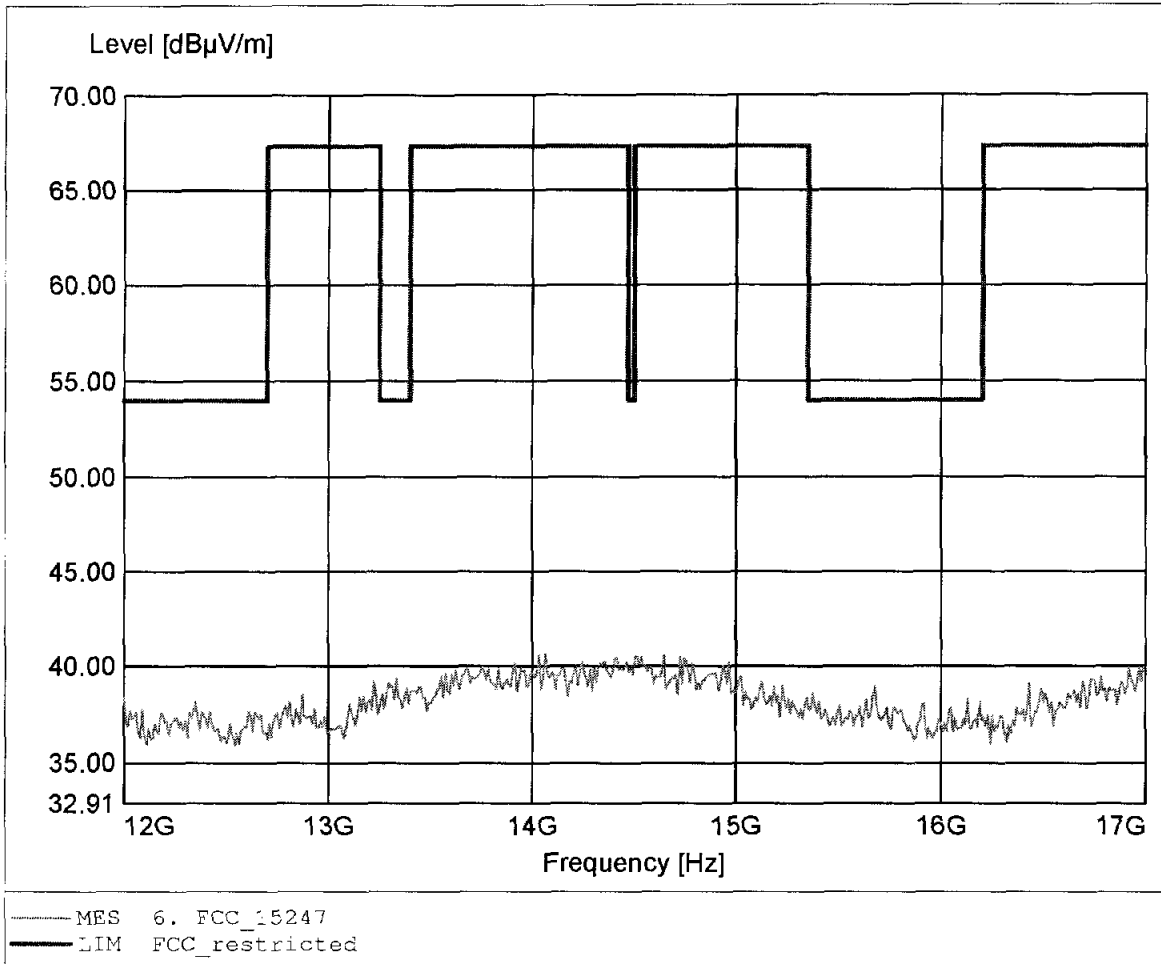
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.475GHz, Emax: 41.82dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

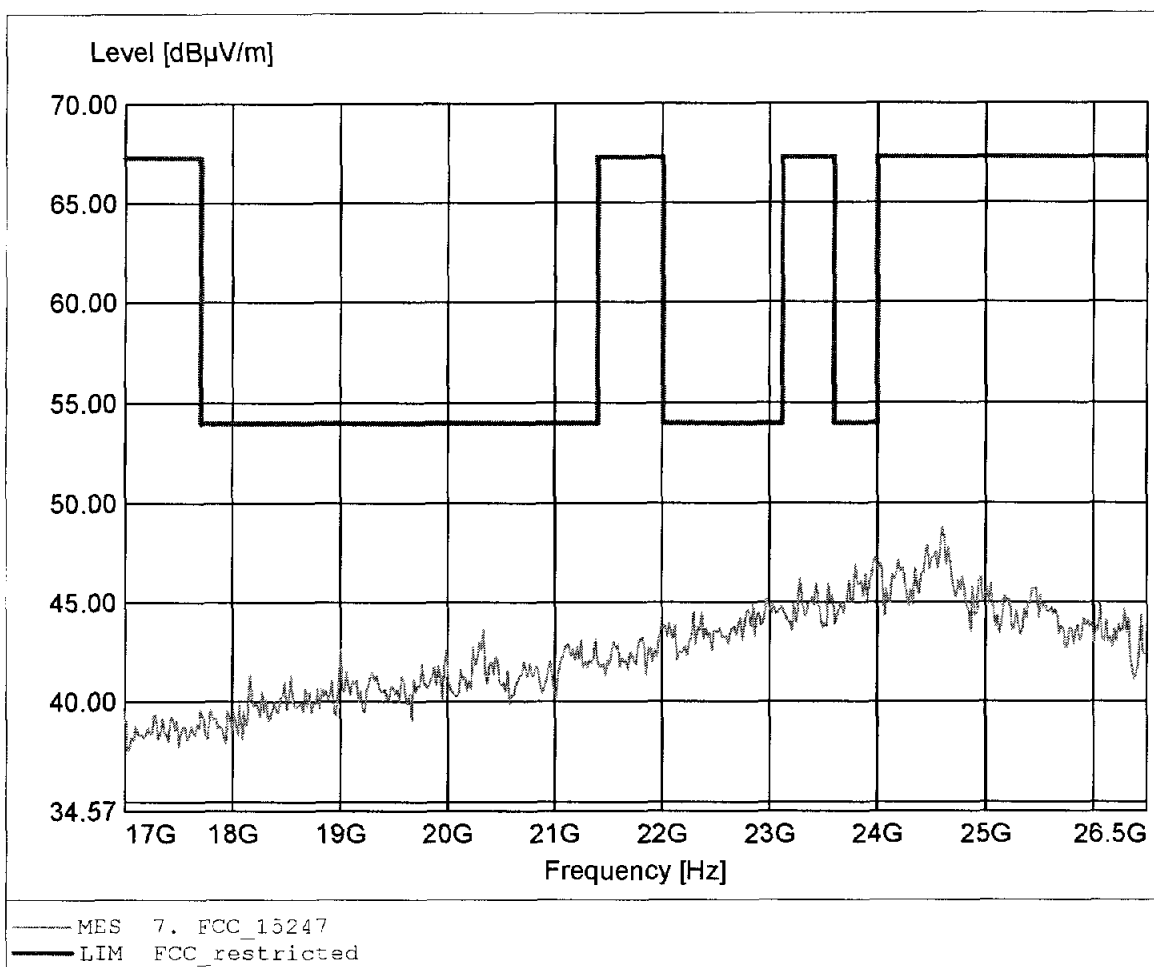
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.064GHz, Emax: 40.64dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

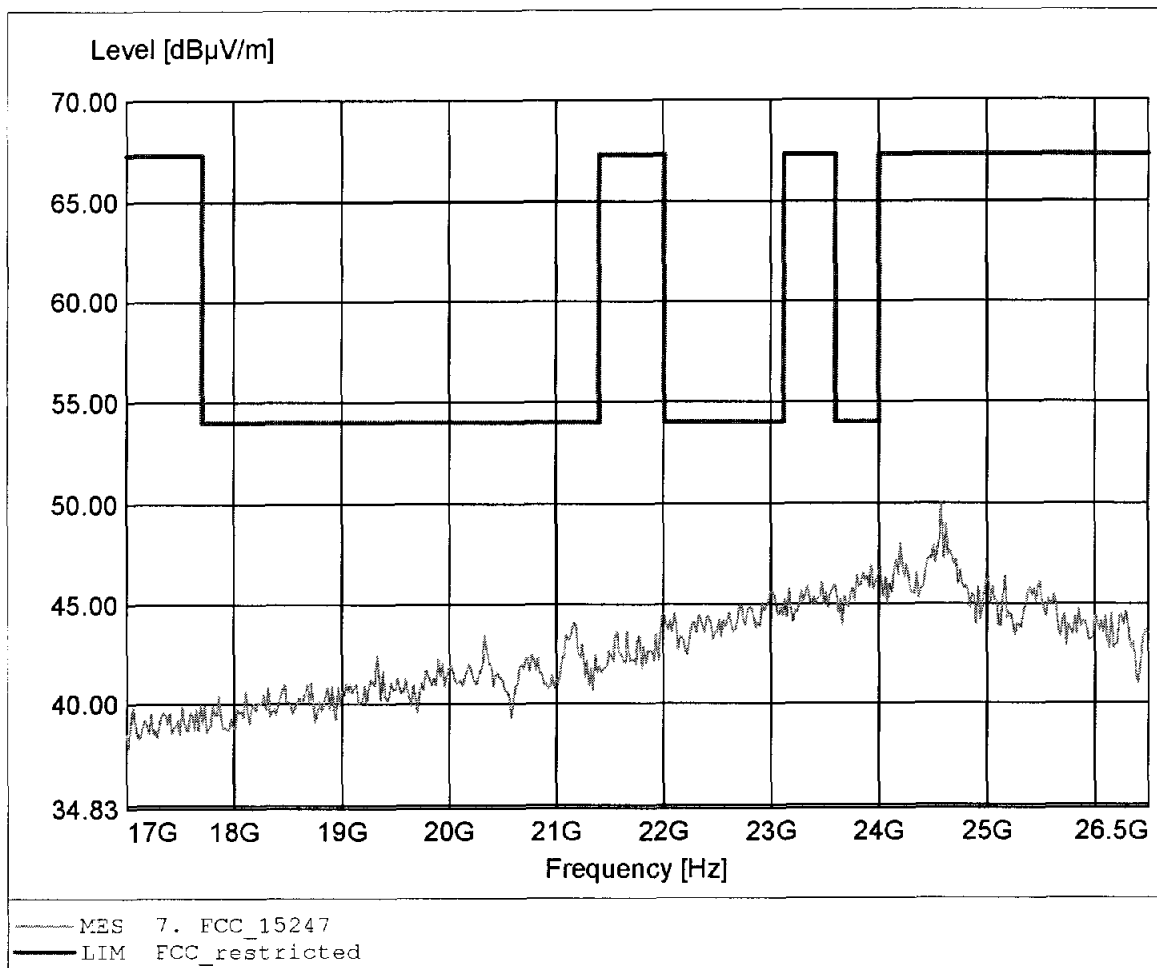
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.596GHz, Emax: 48.81dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

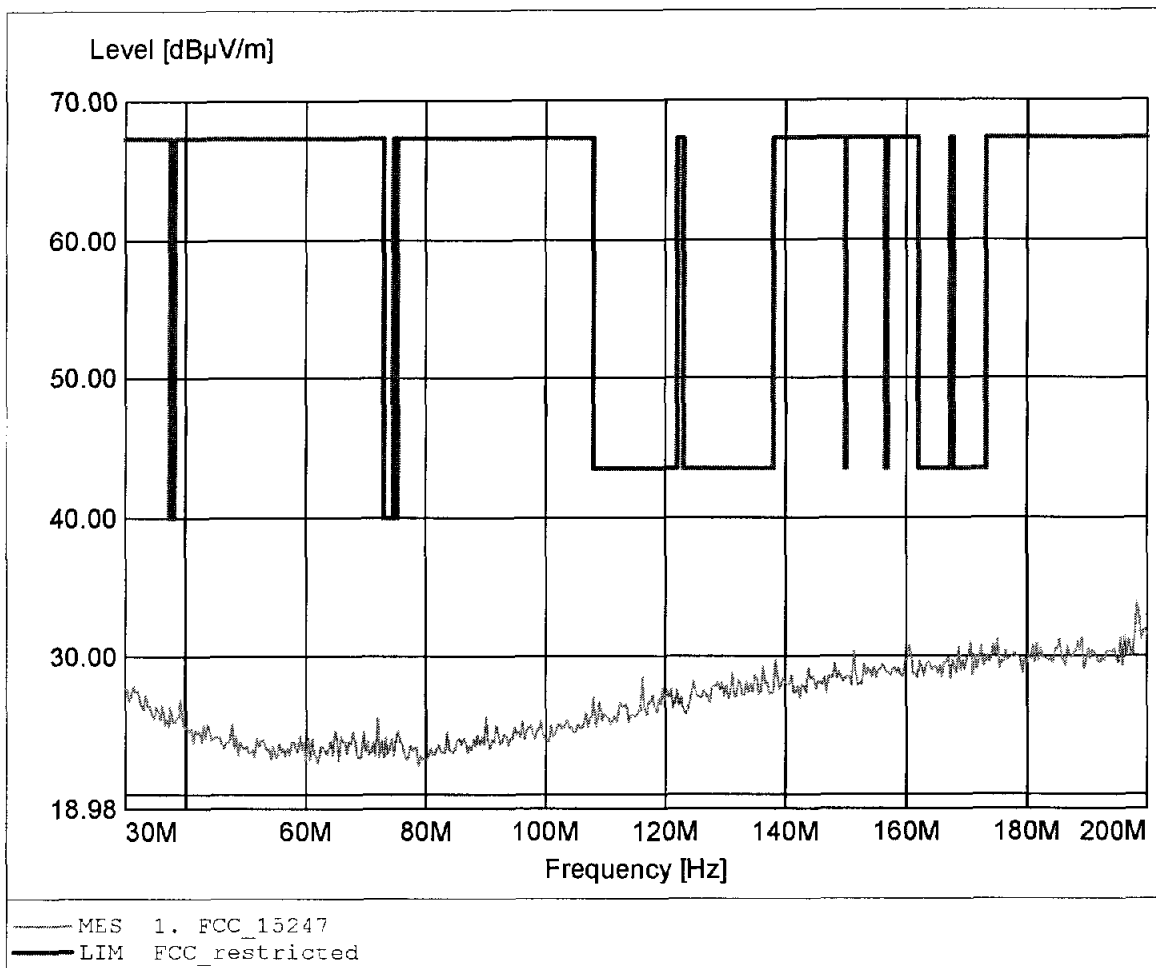
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.577GHz, Emax: 50.05dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

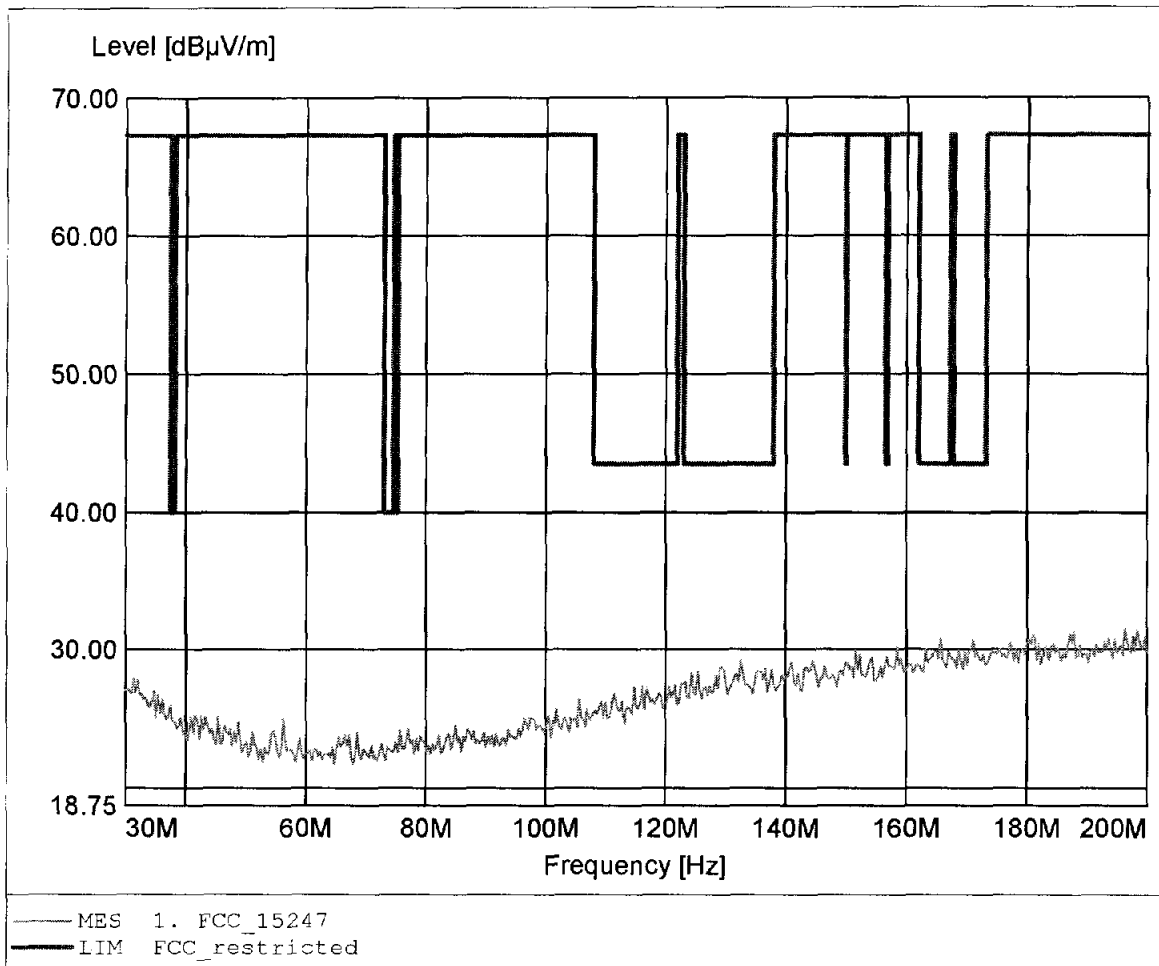
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.297MHz, Emax: 33.94dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

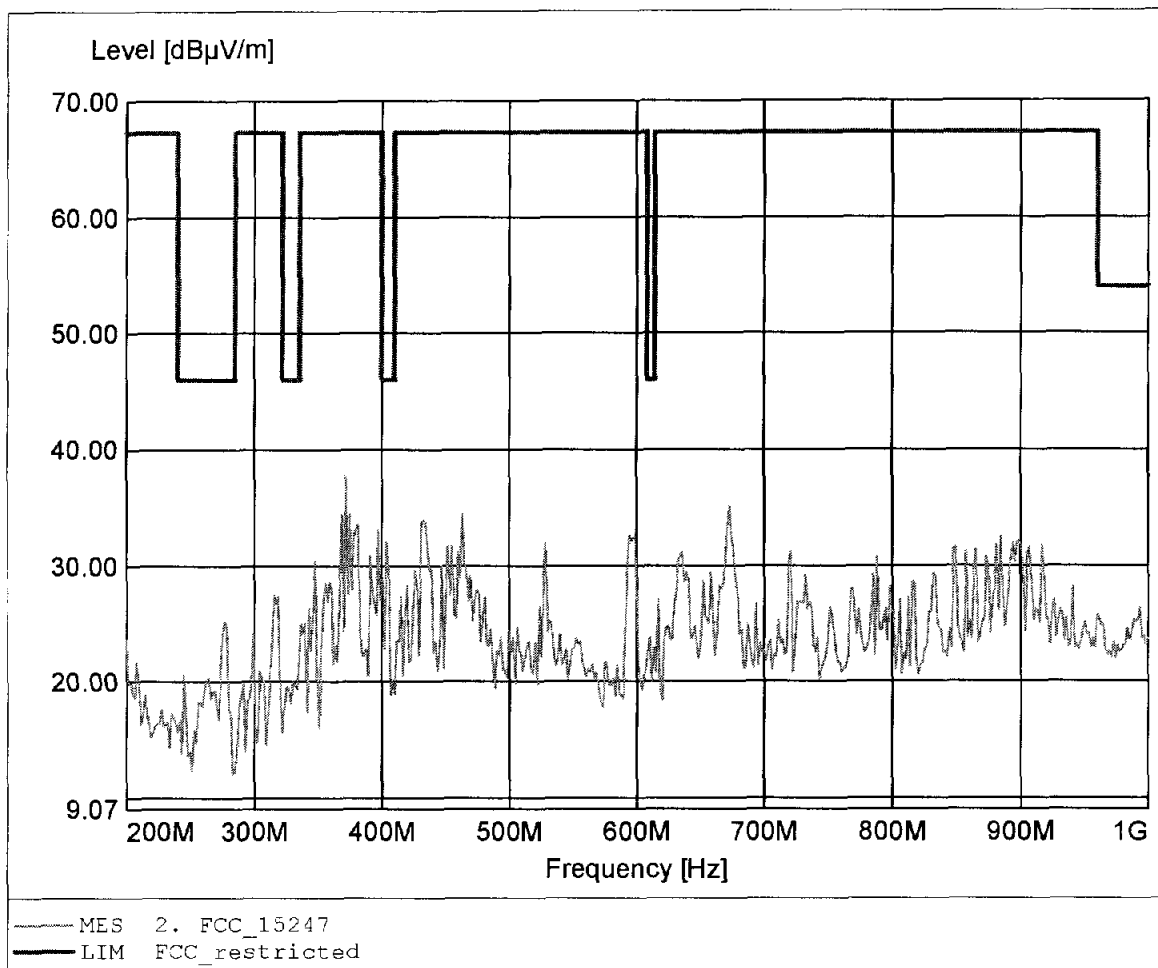
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.253MHz, Emax: 31.55dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

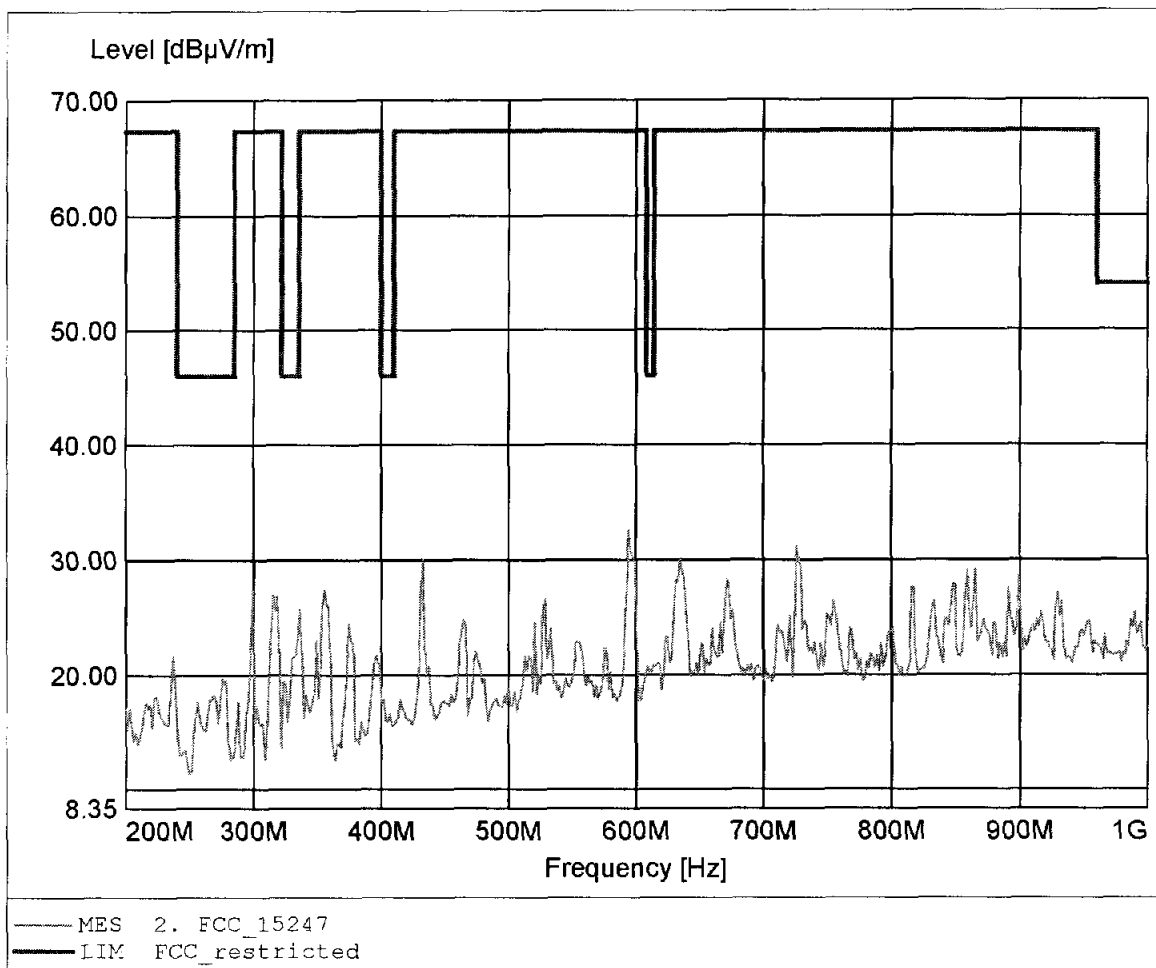
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 371.543MHz, Emax: 37.73dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

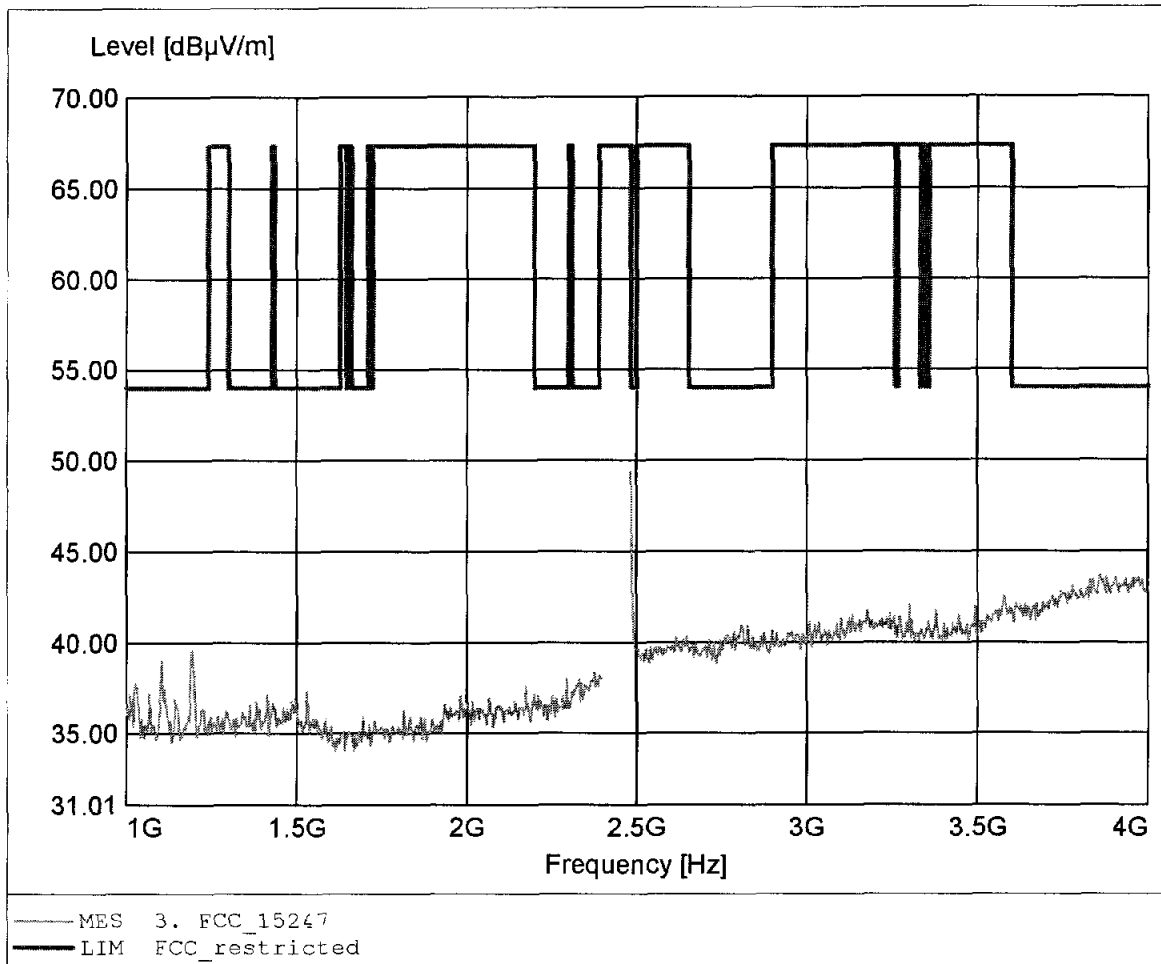
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 594.389MHz, Emax: 32.57dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

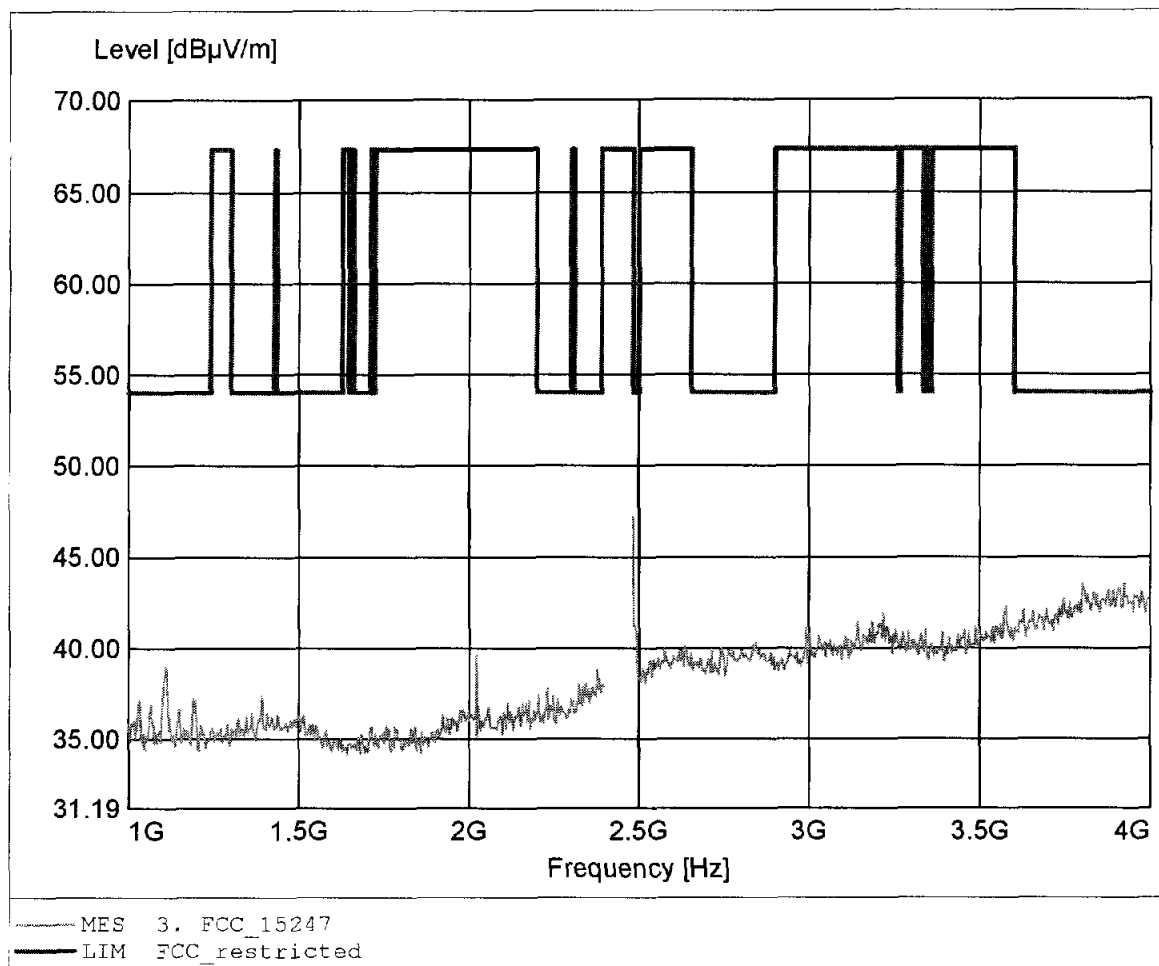
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 49.38dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

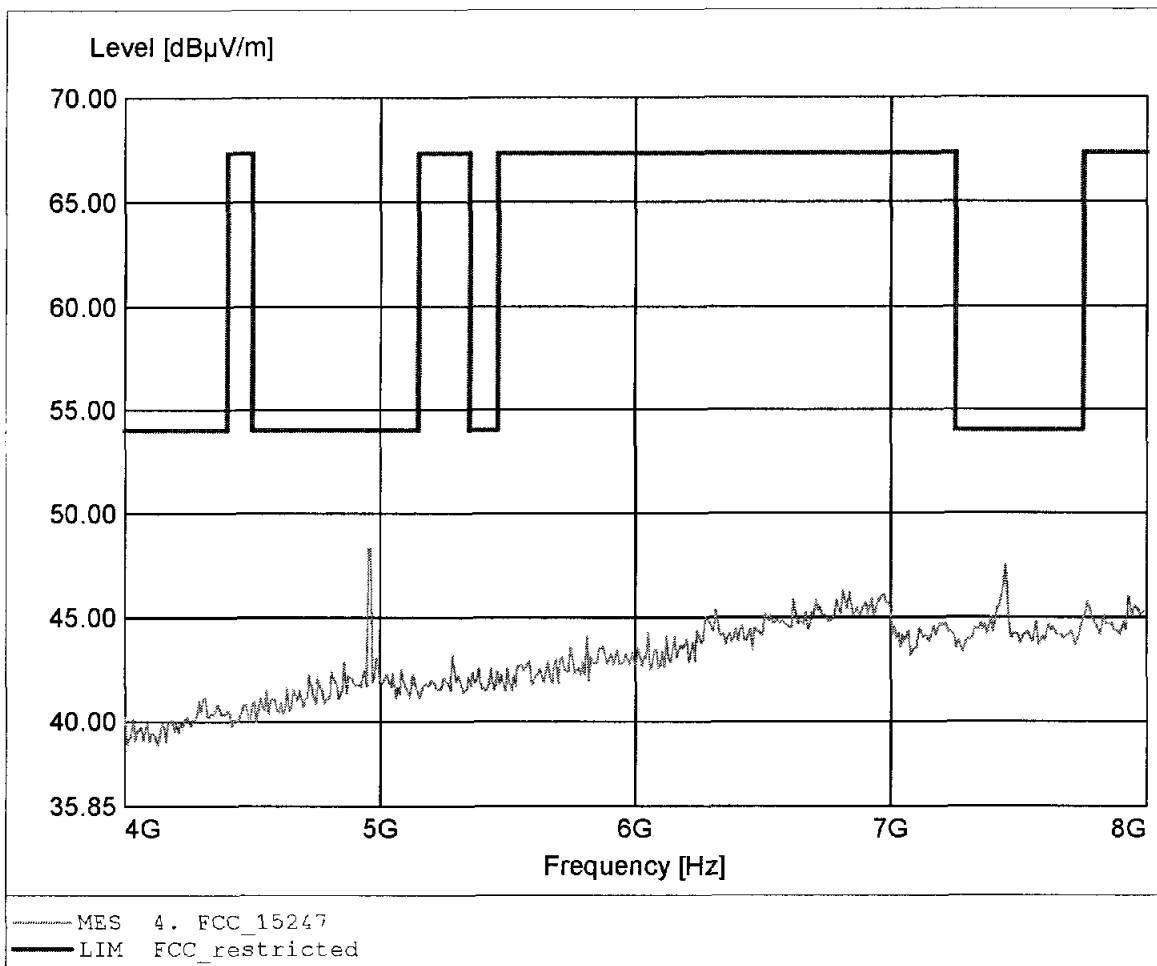
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 47.15dBµV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

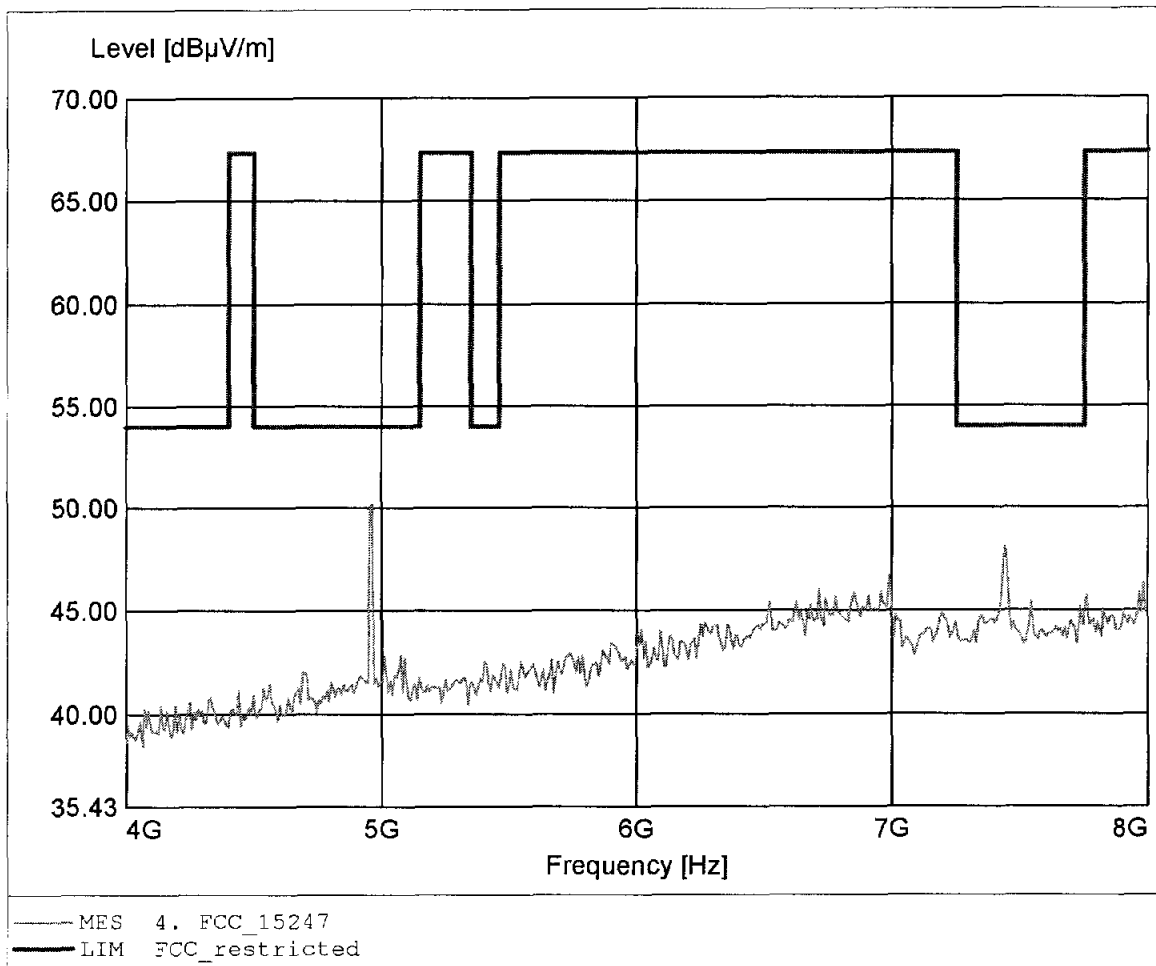
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 48.32dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

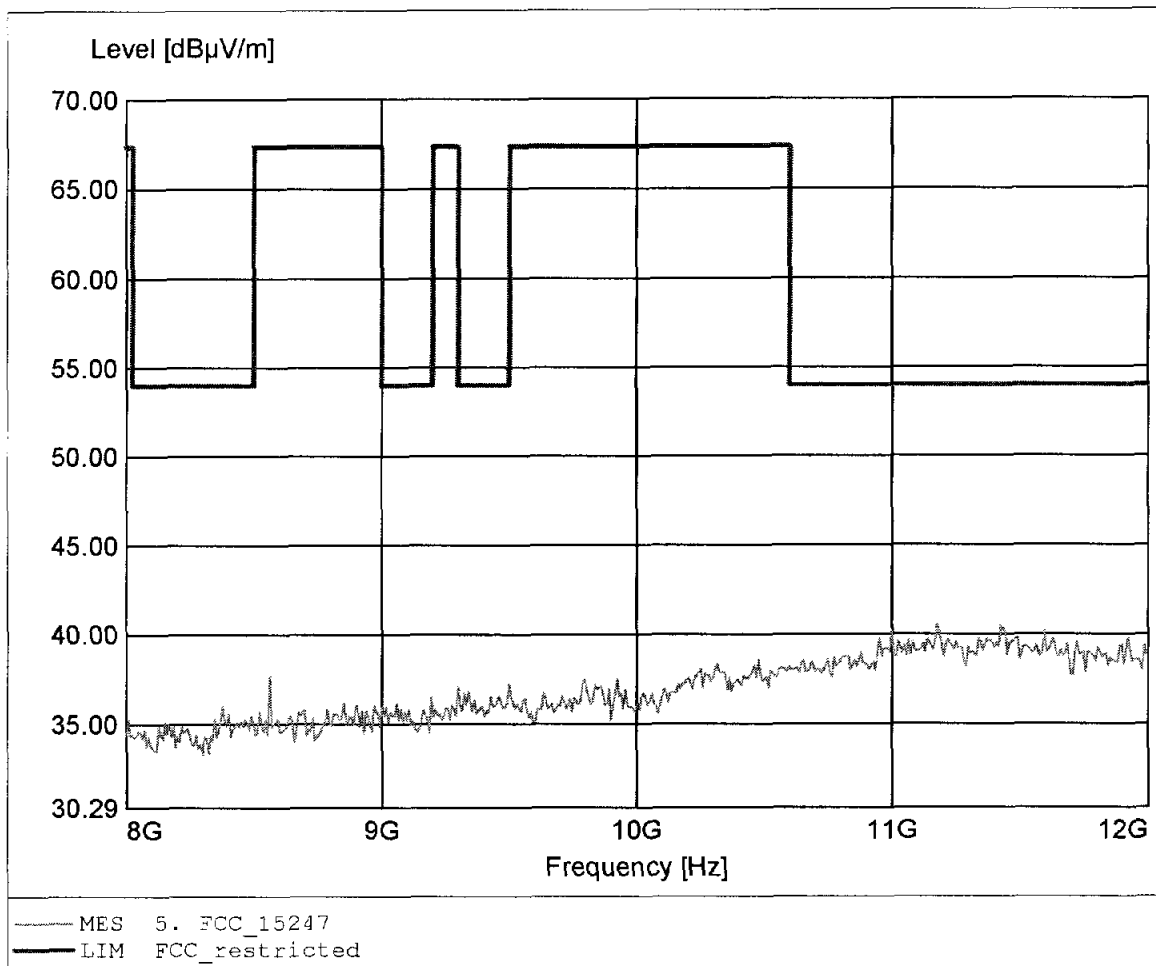
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 50.16dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

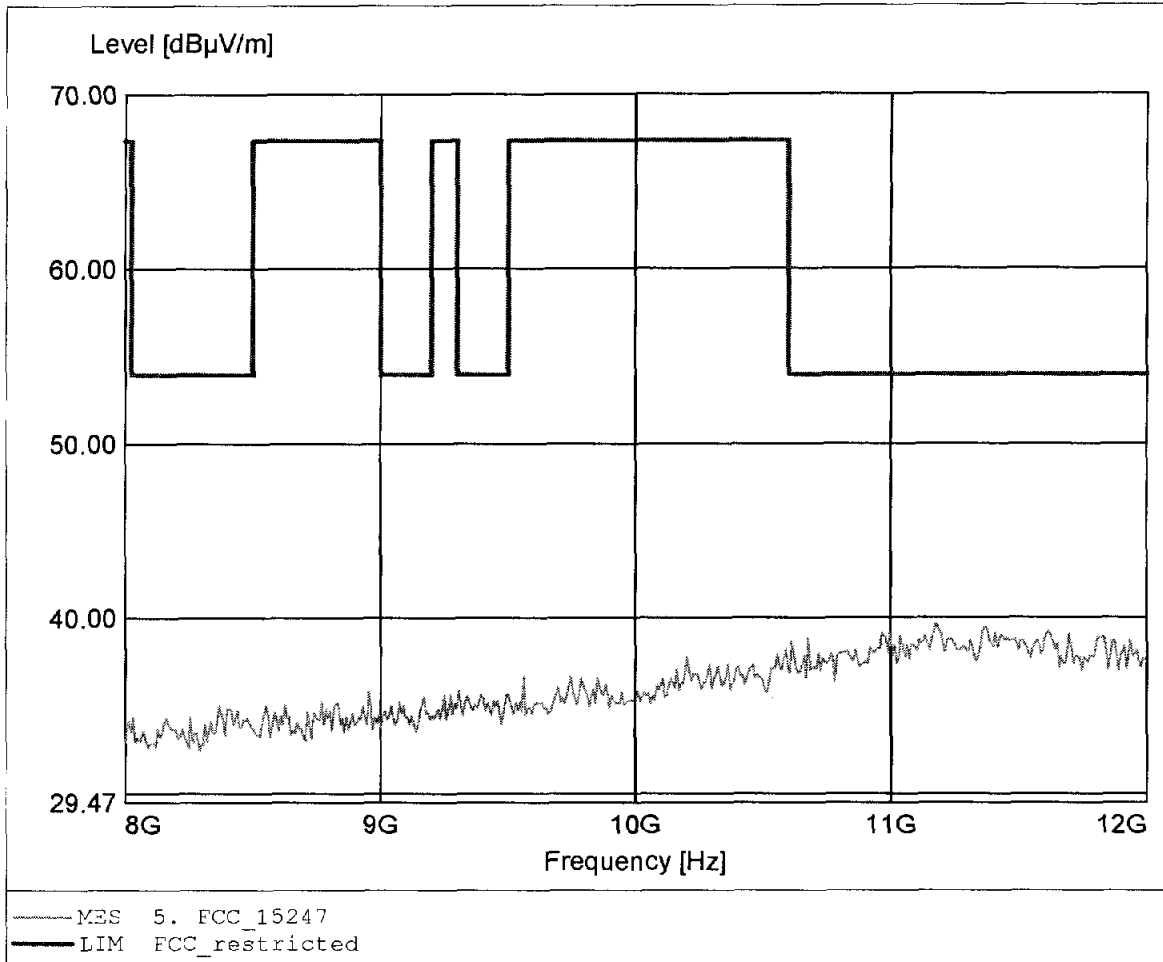
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.174GHz, Emax: 40.57dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

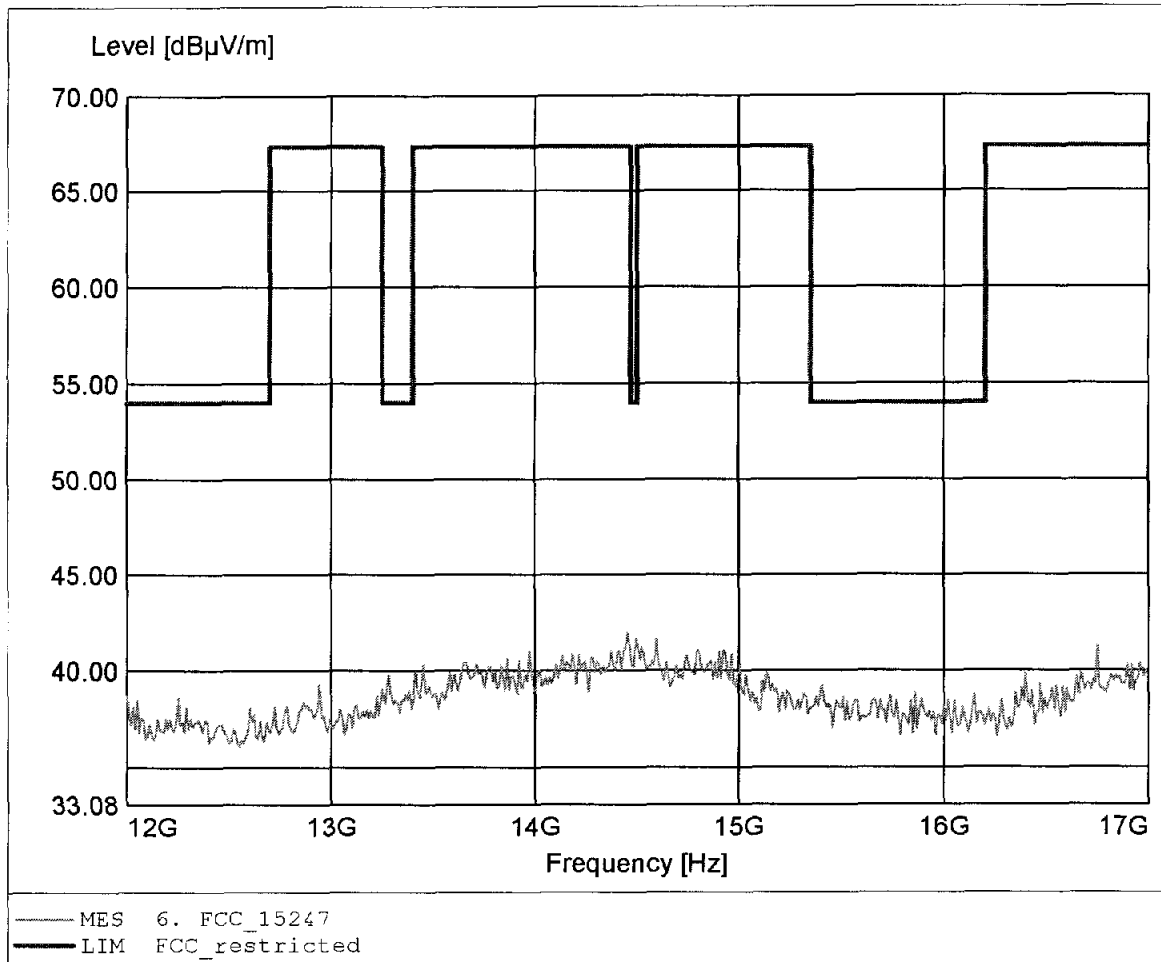
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.174GHz, Emax: 39.66dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

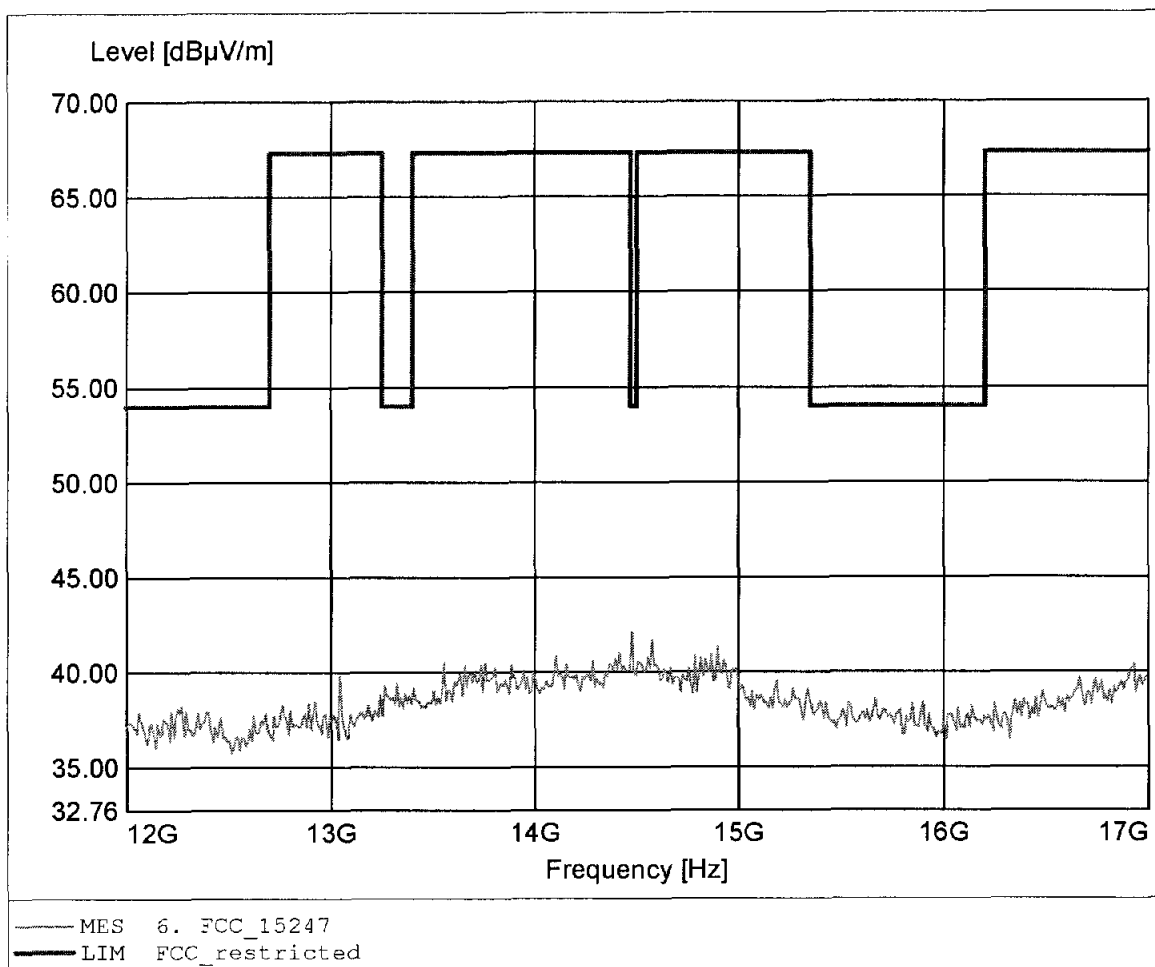
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.455GHz, Emax: 41.95dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

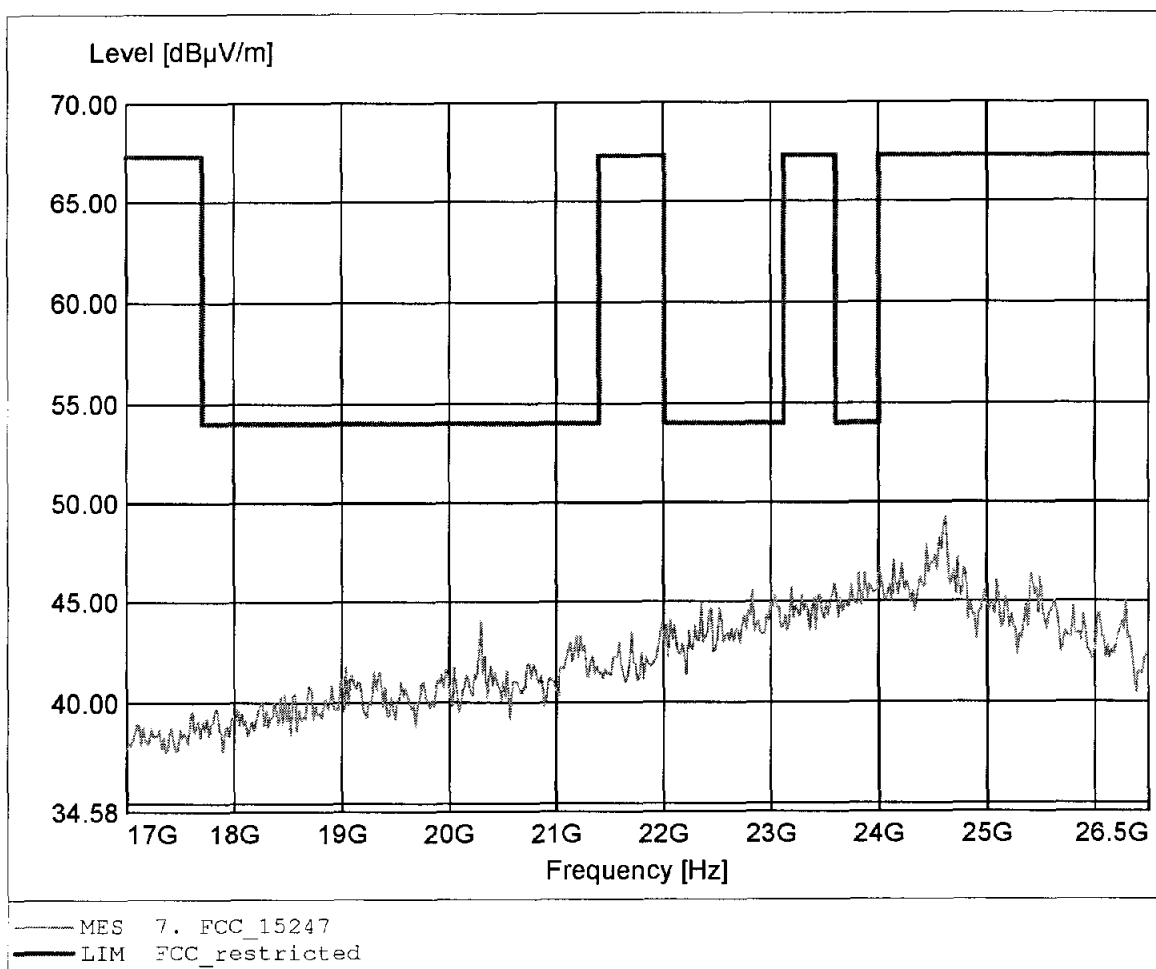
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.475GHz, Emax: 42.10dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

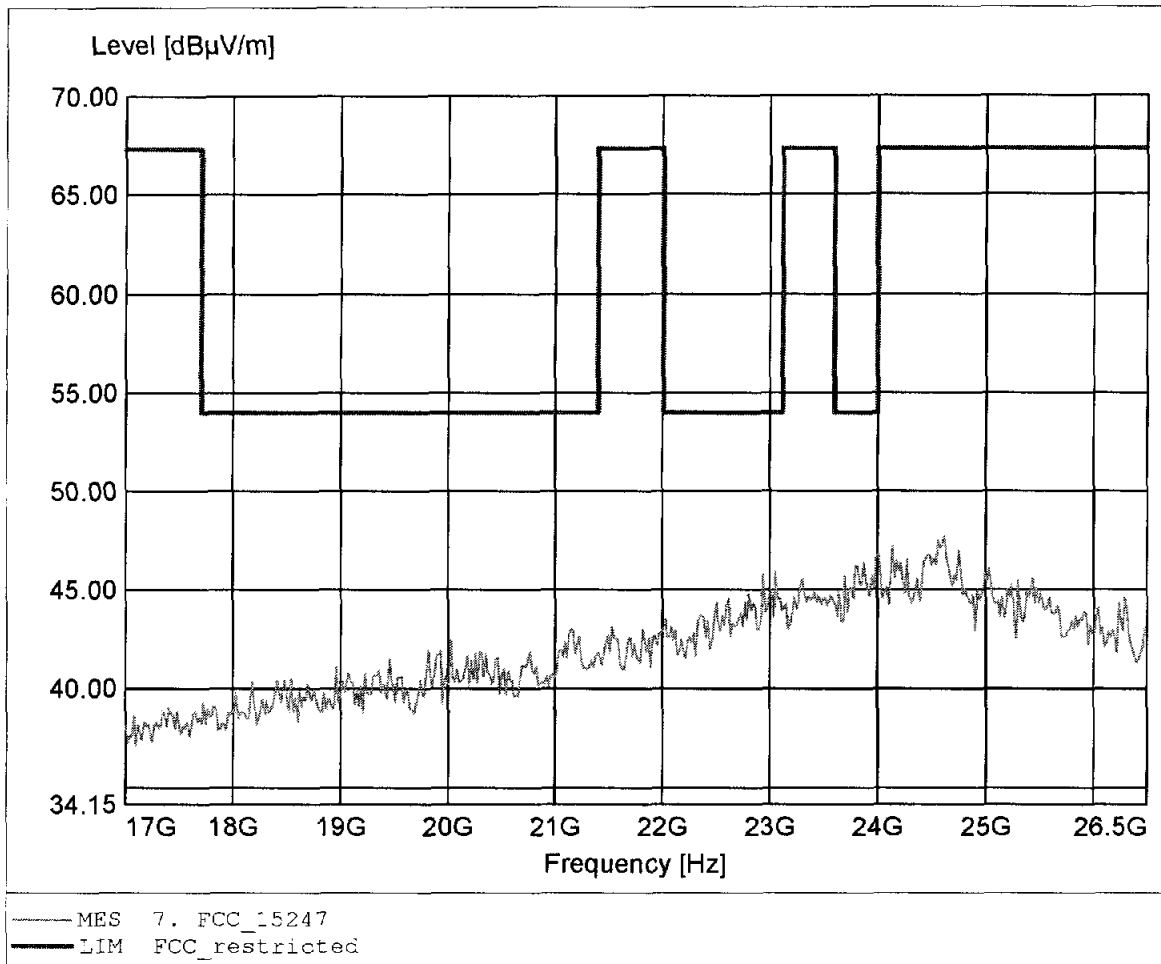
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.615GHz, Emax: 49.27dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

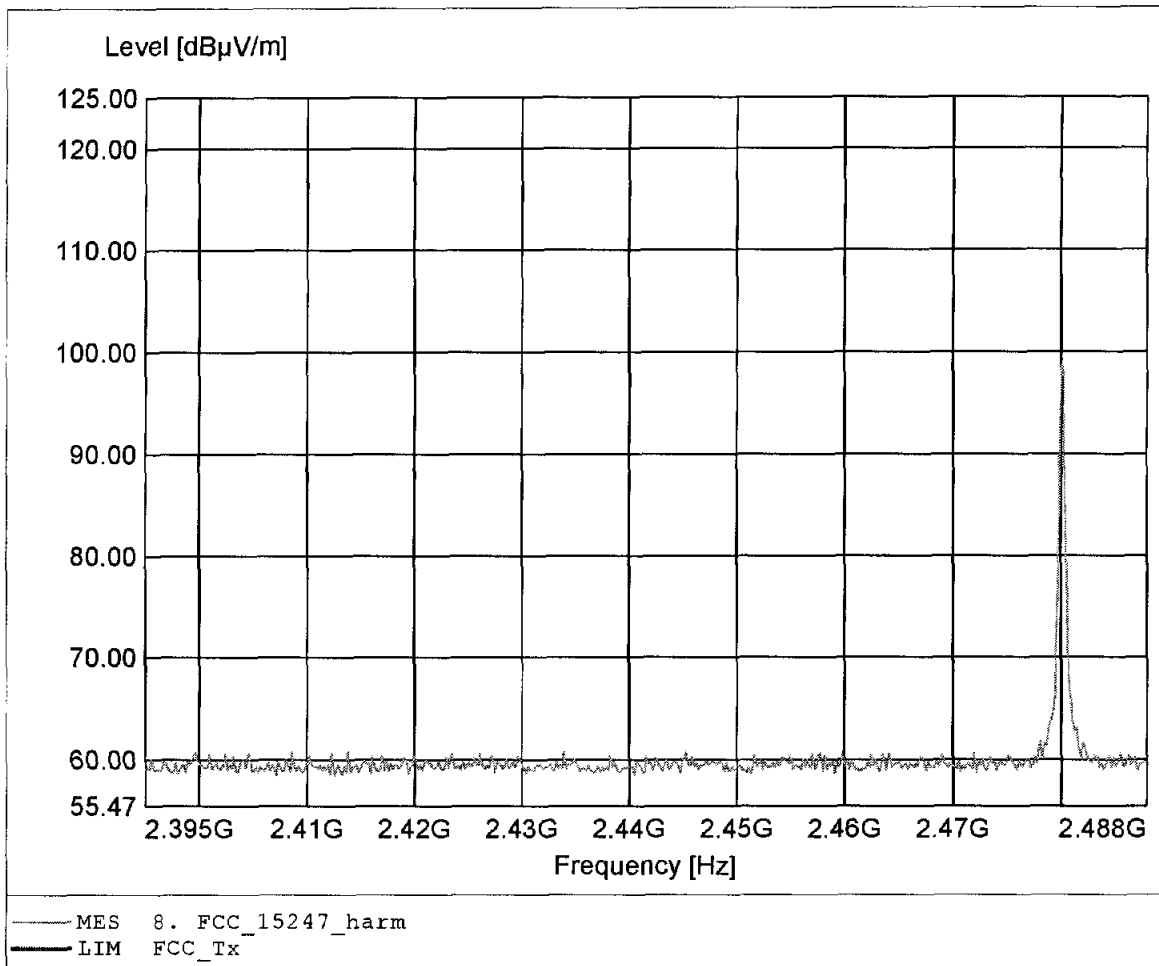
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.615GHz, Emax: 47.73dBµV/m, RBW: 1MHz



Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

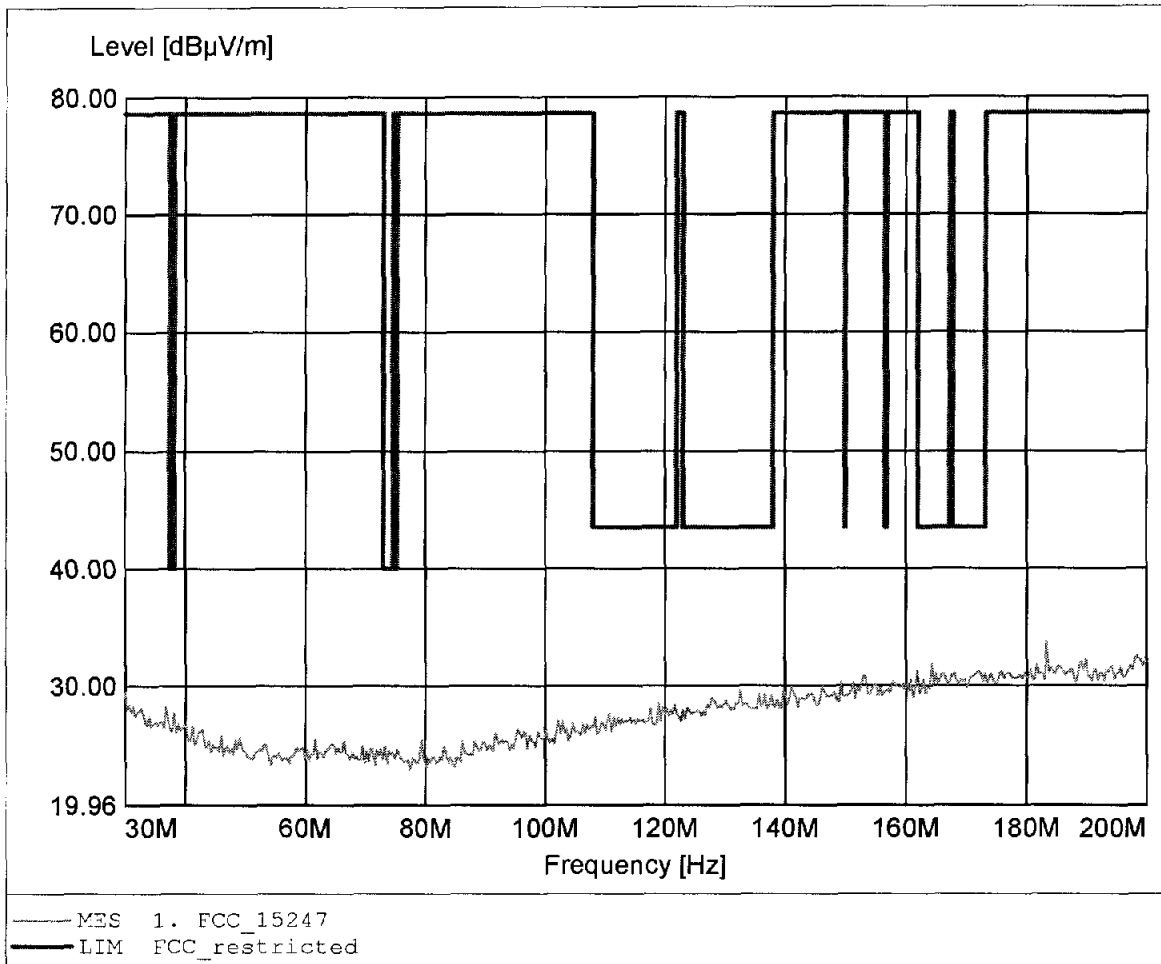
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Emax: 98.67dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

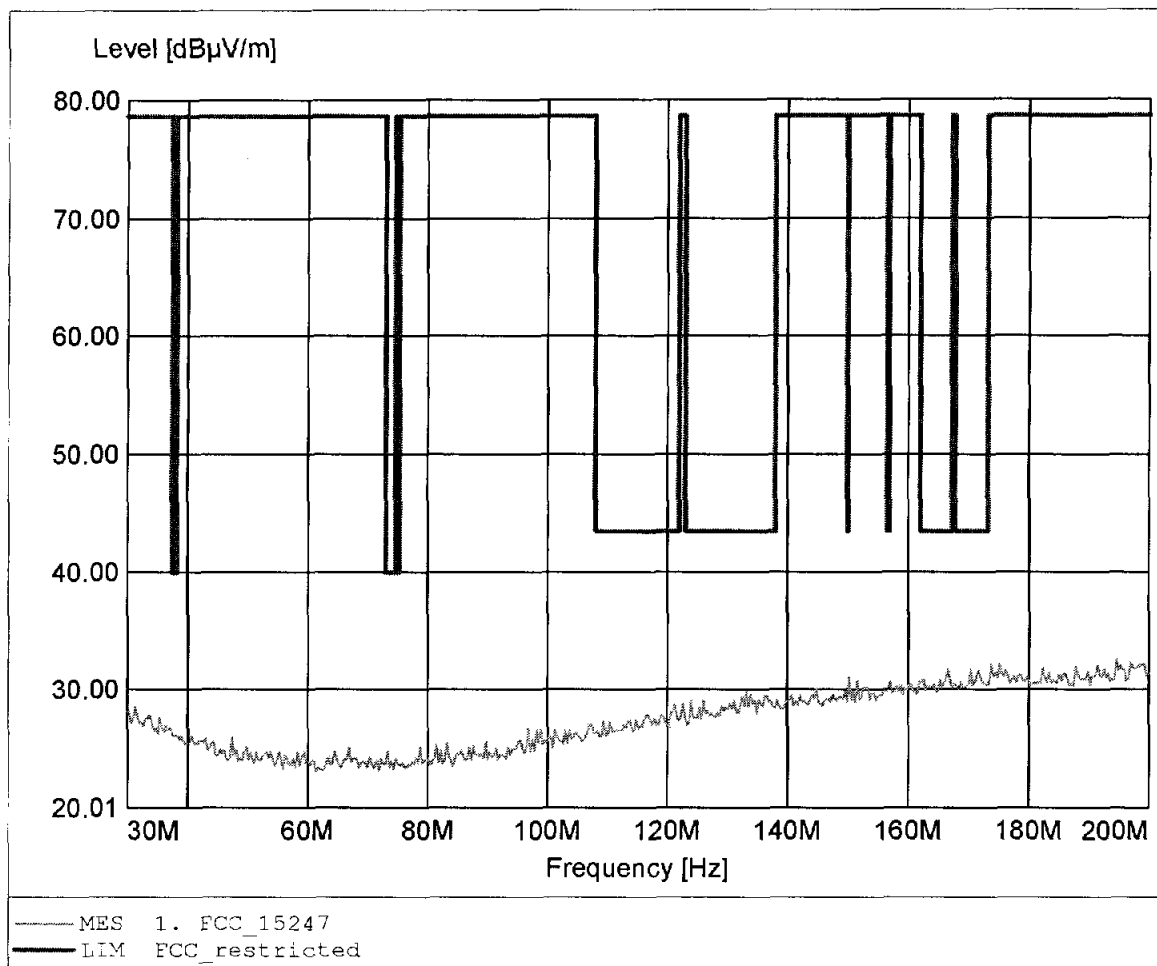
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 183.307MHz, Emax: 33.69dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

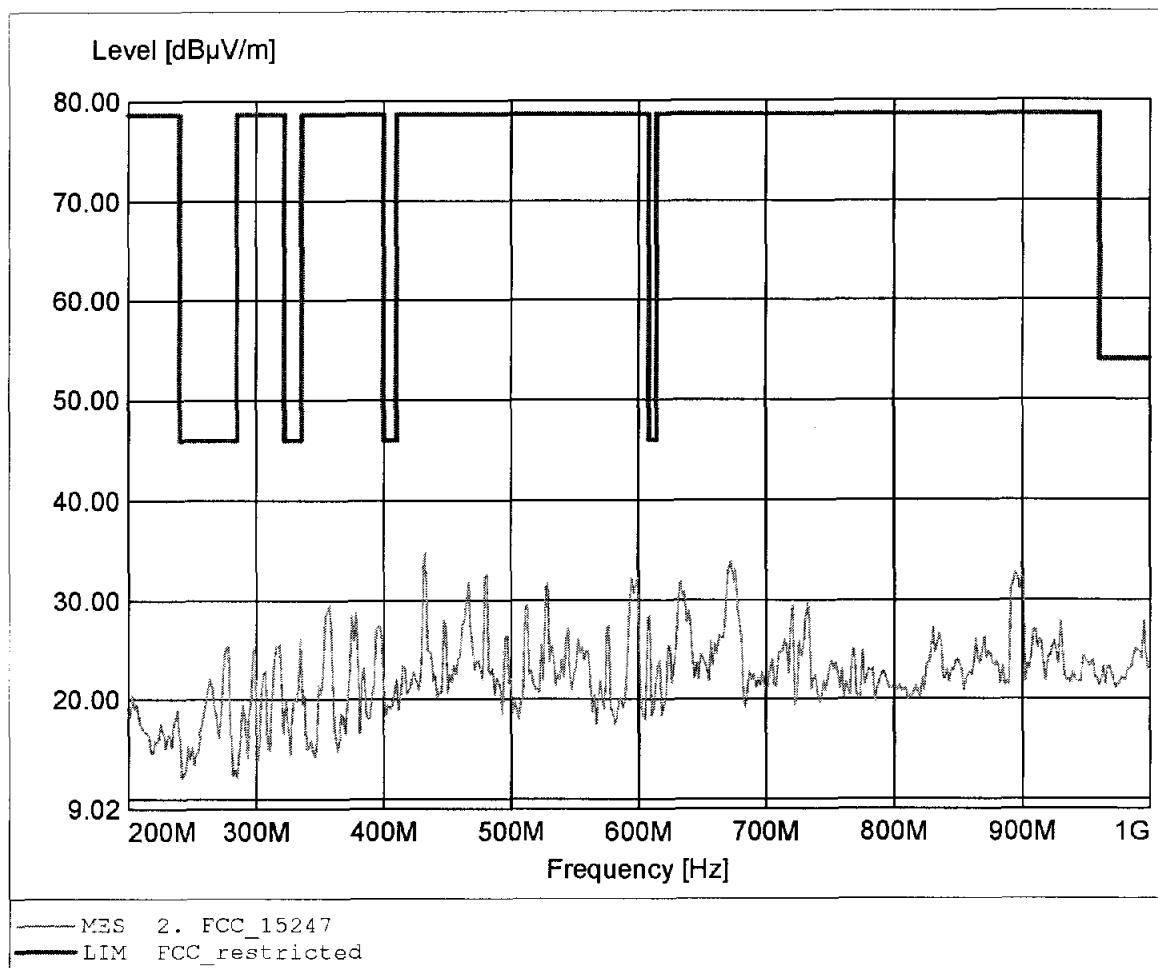
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.549MHz, Emax: 32.52dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

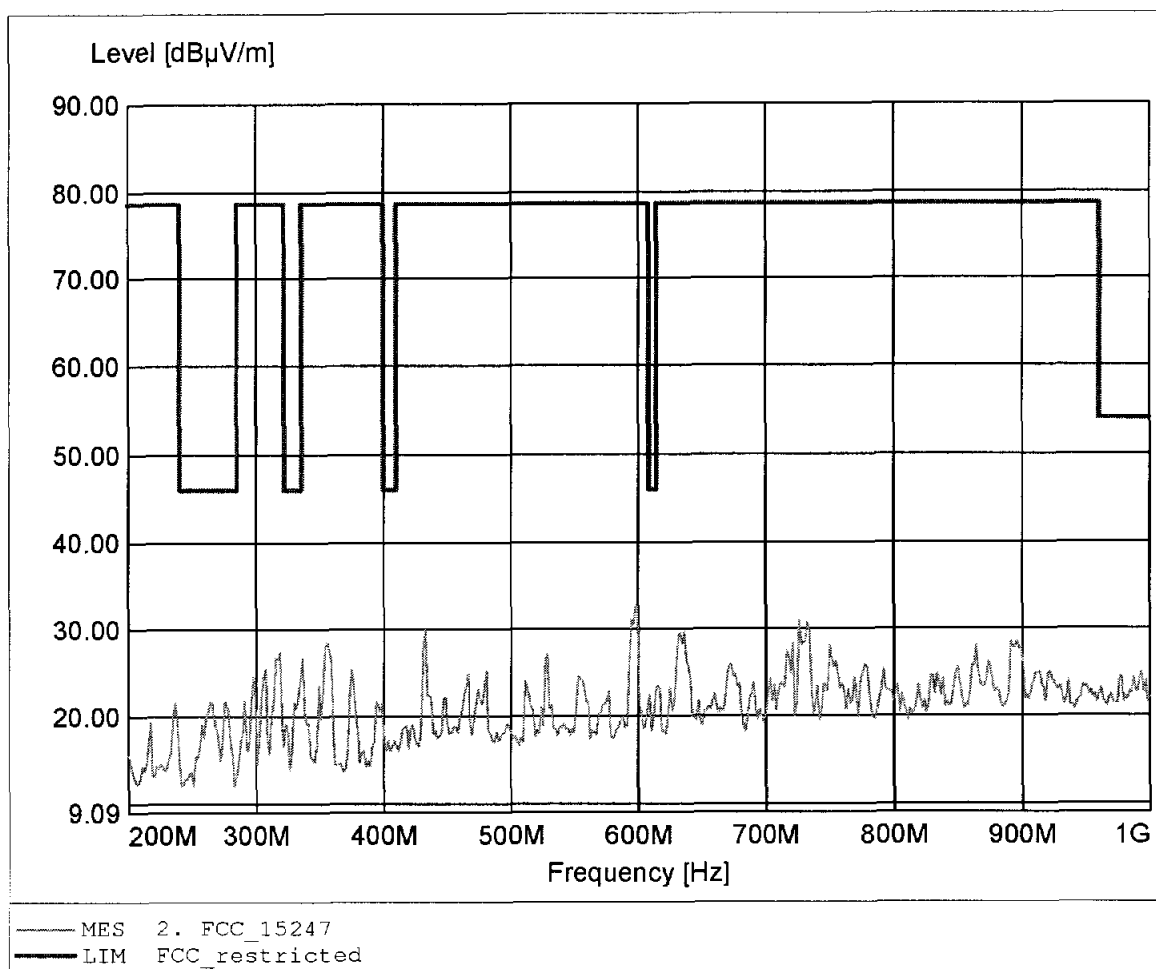
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 432.465MHz, Emax: 34.78dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

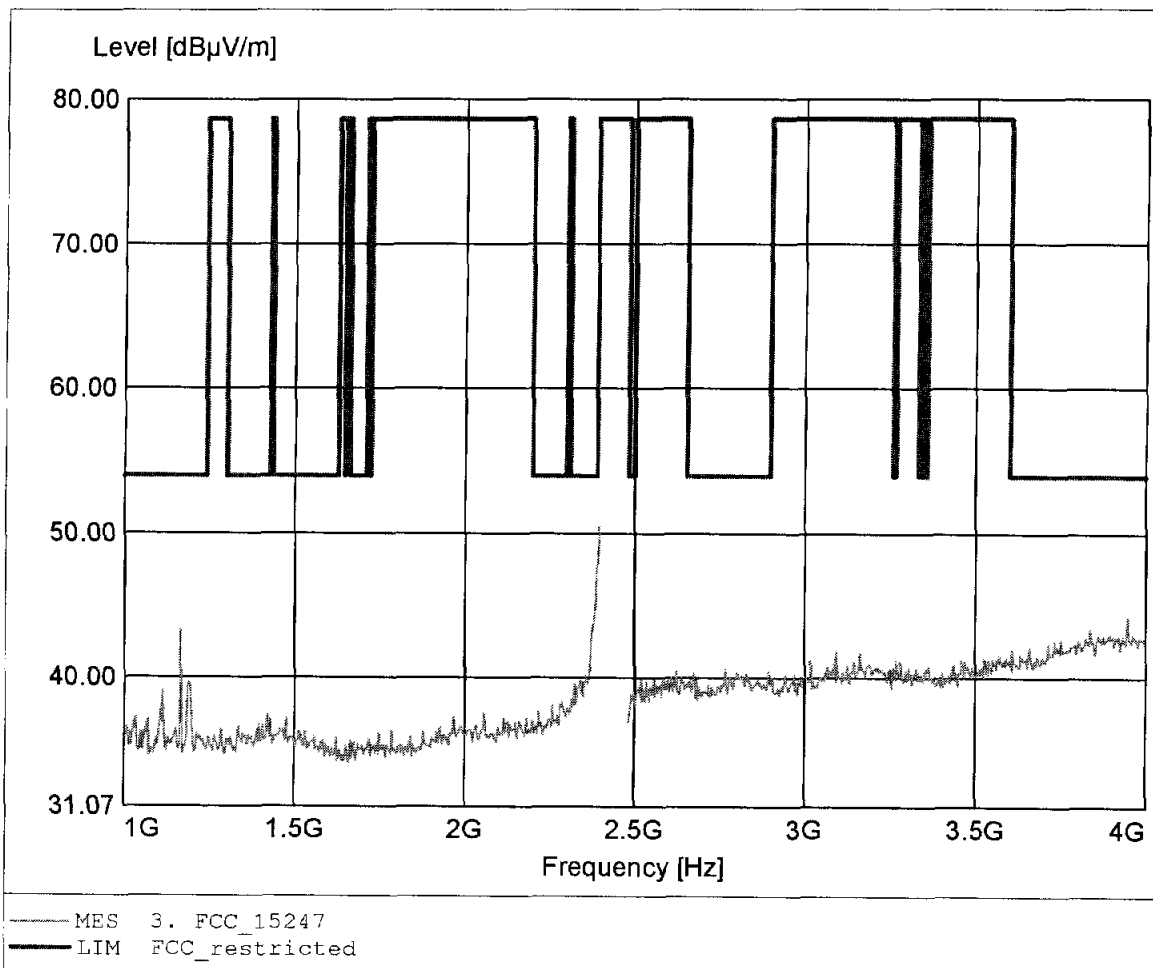
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 599.198MHz, Emax: 32.83dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

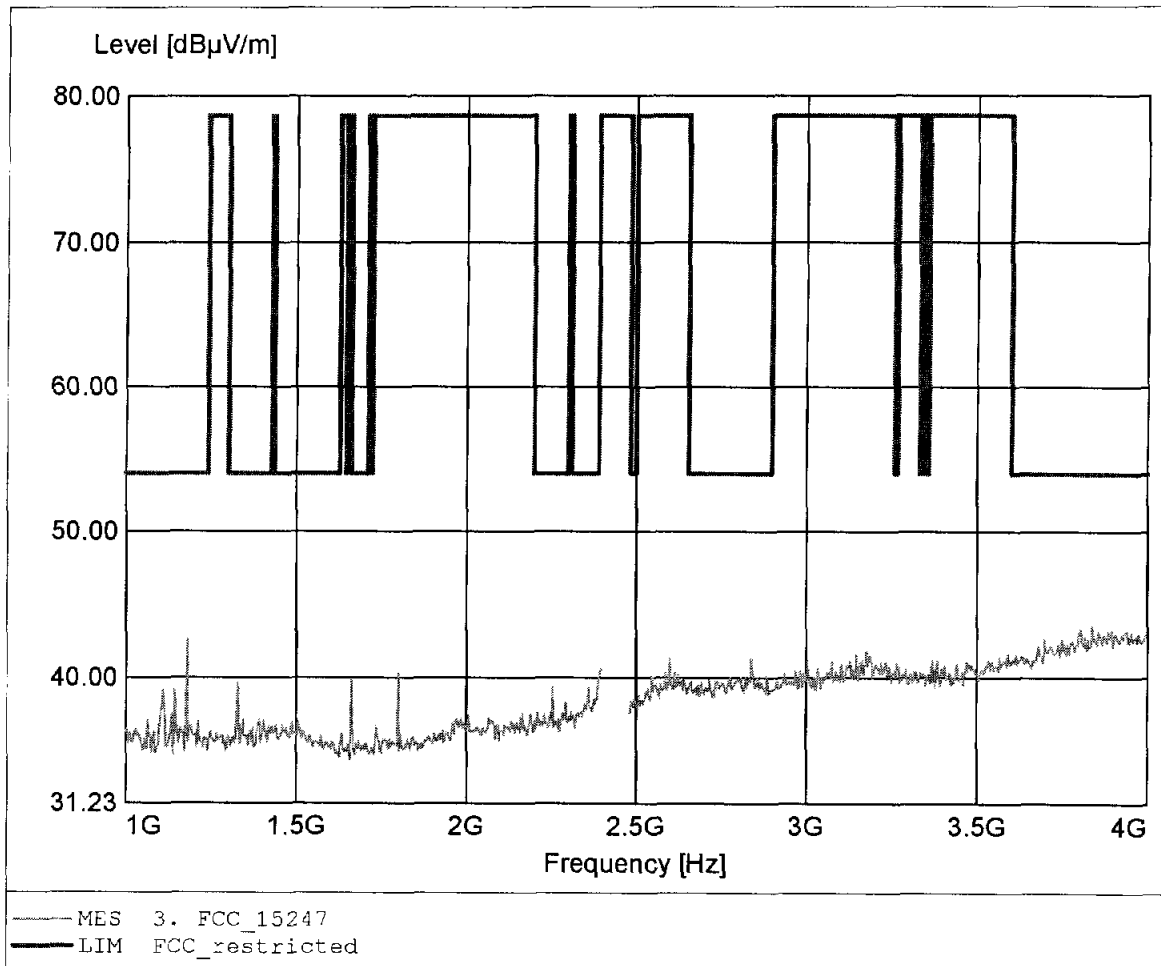
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 50.54dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

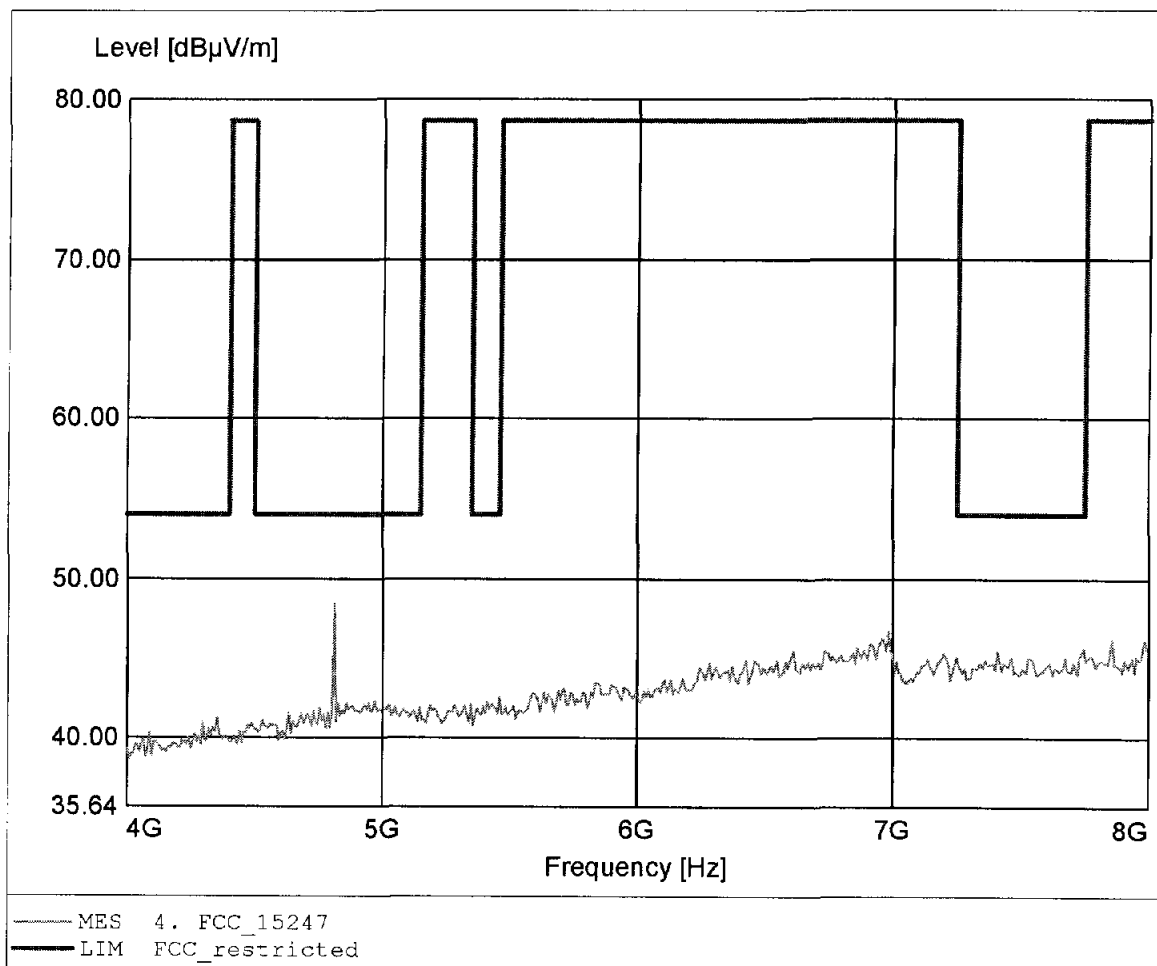
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.836GHz, Emax: 43.57dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

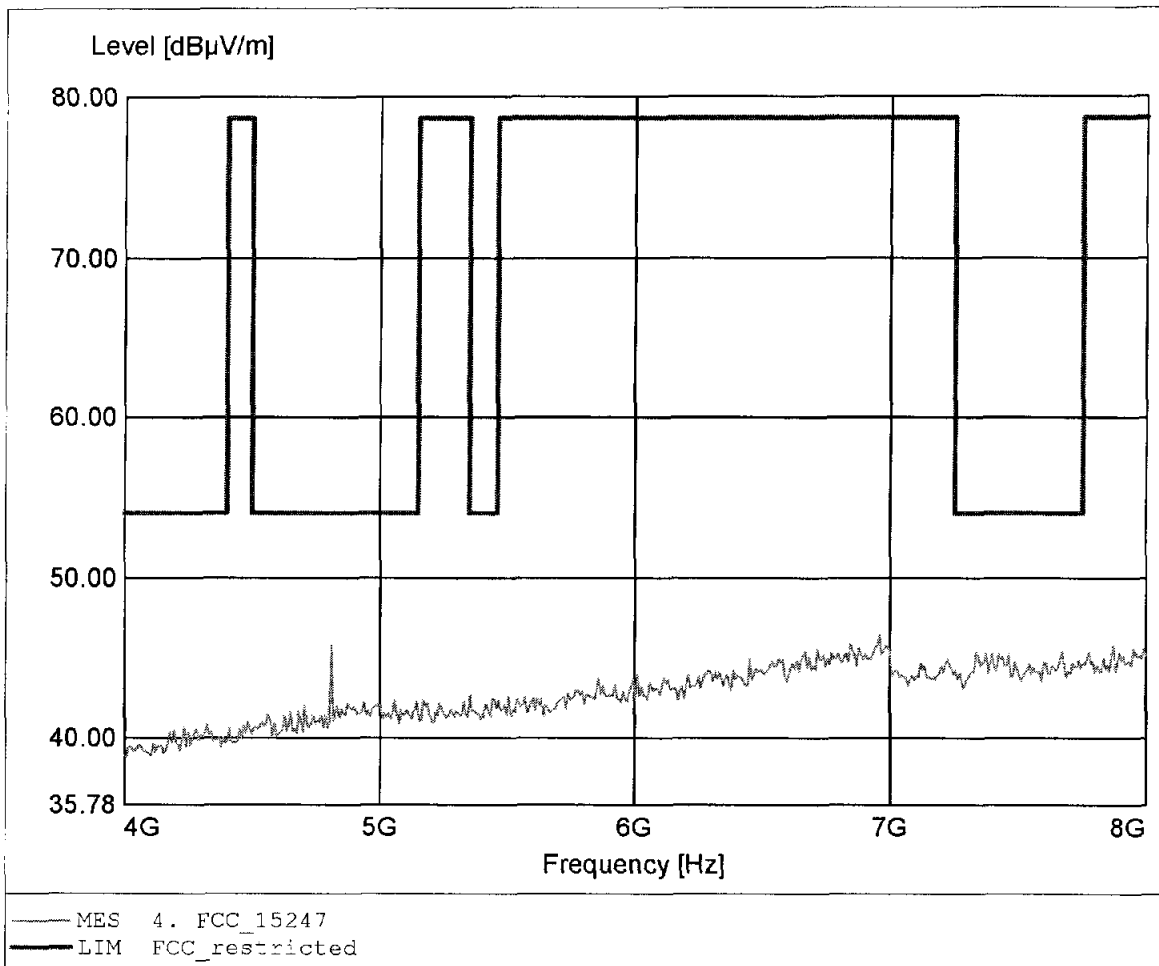
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 48.50dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

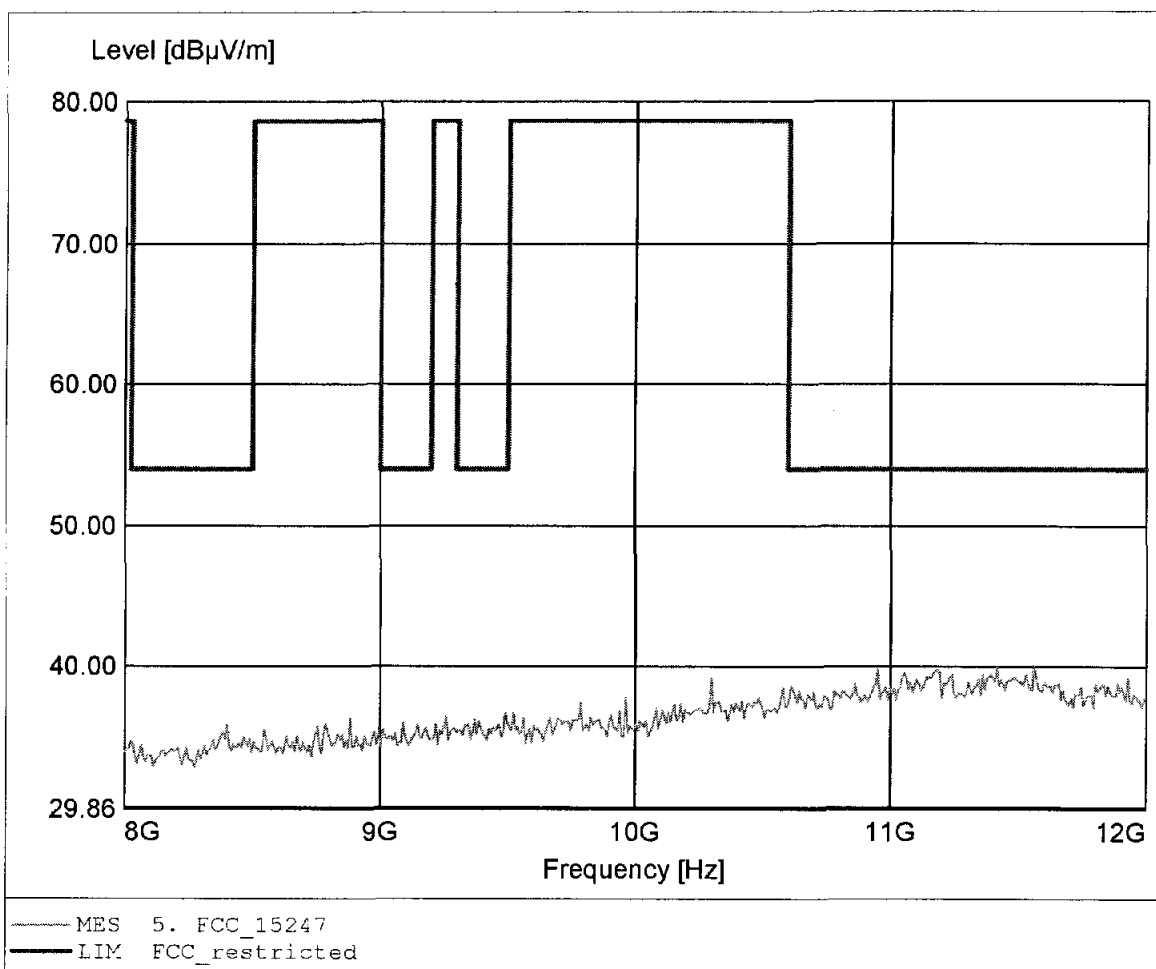
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.958GHz, Emax: 46.50dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

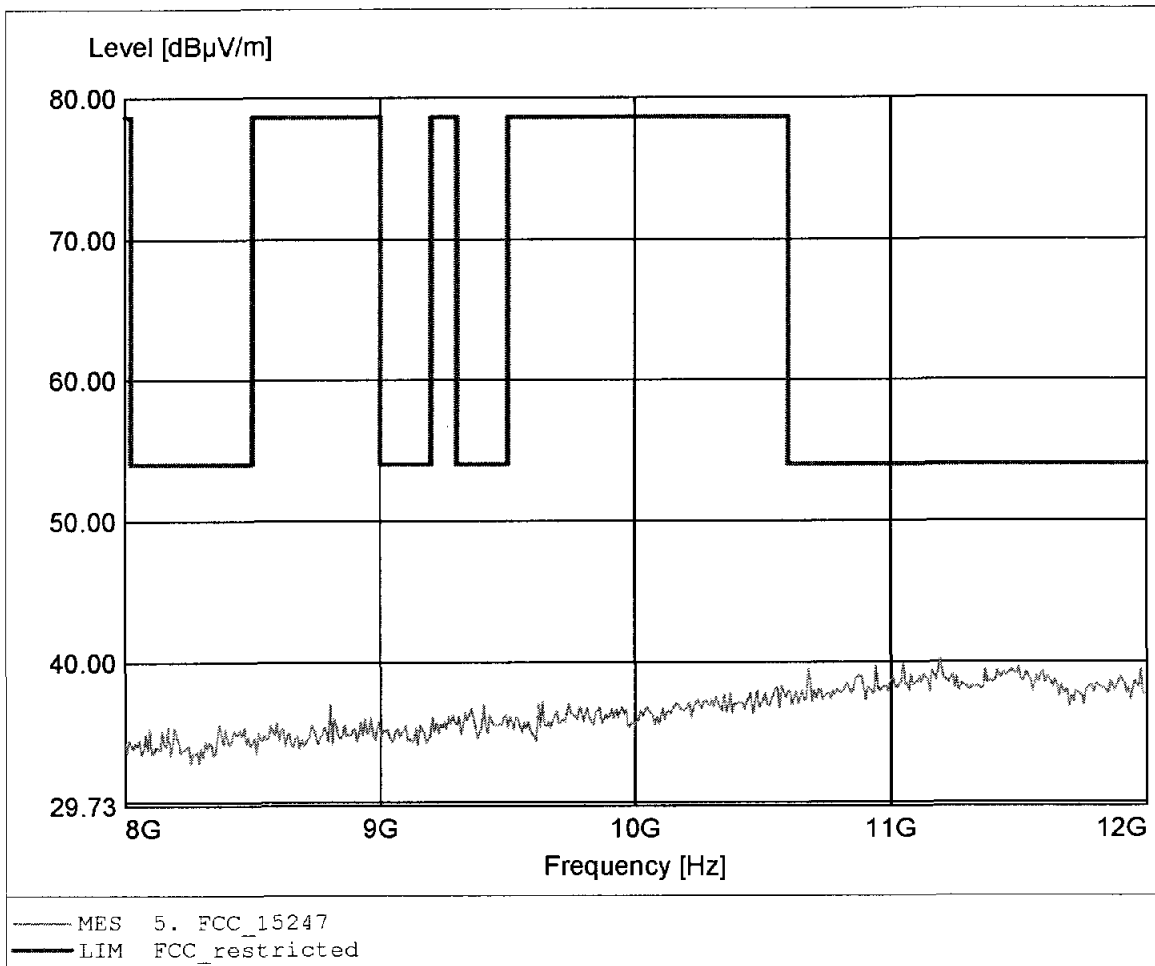
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.559GHz, Emax: 40.10dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

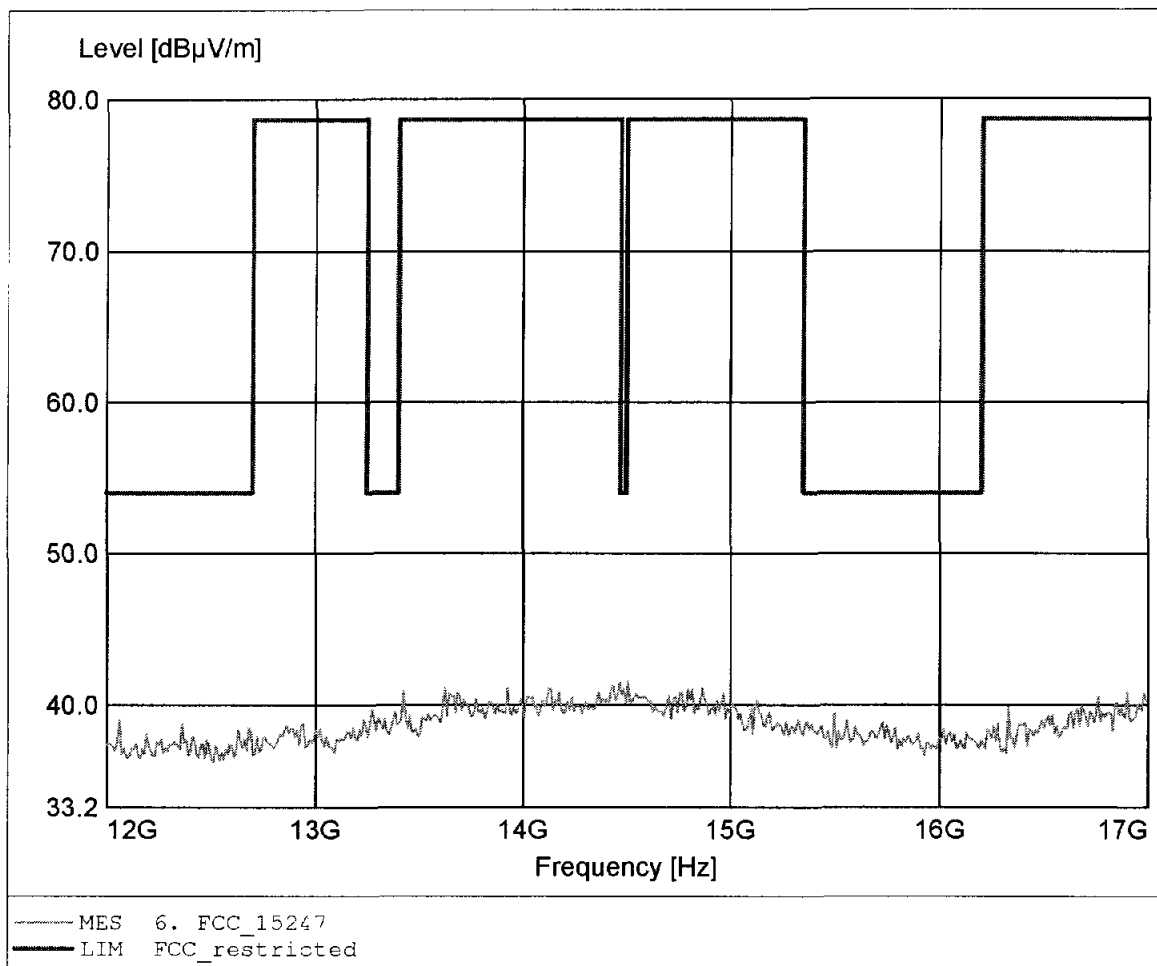
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.190GHz, Emax: 40.18dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

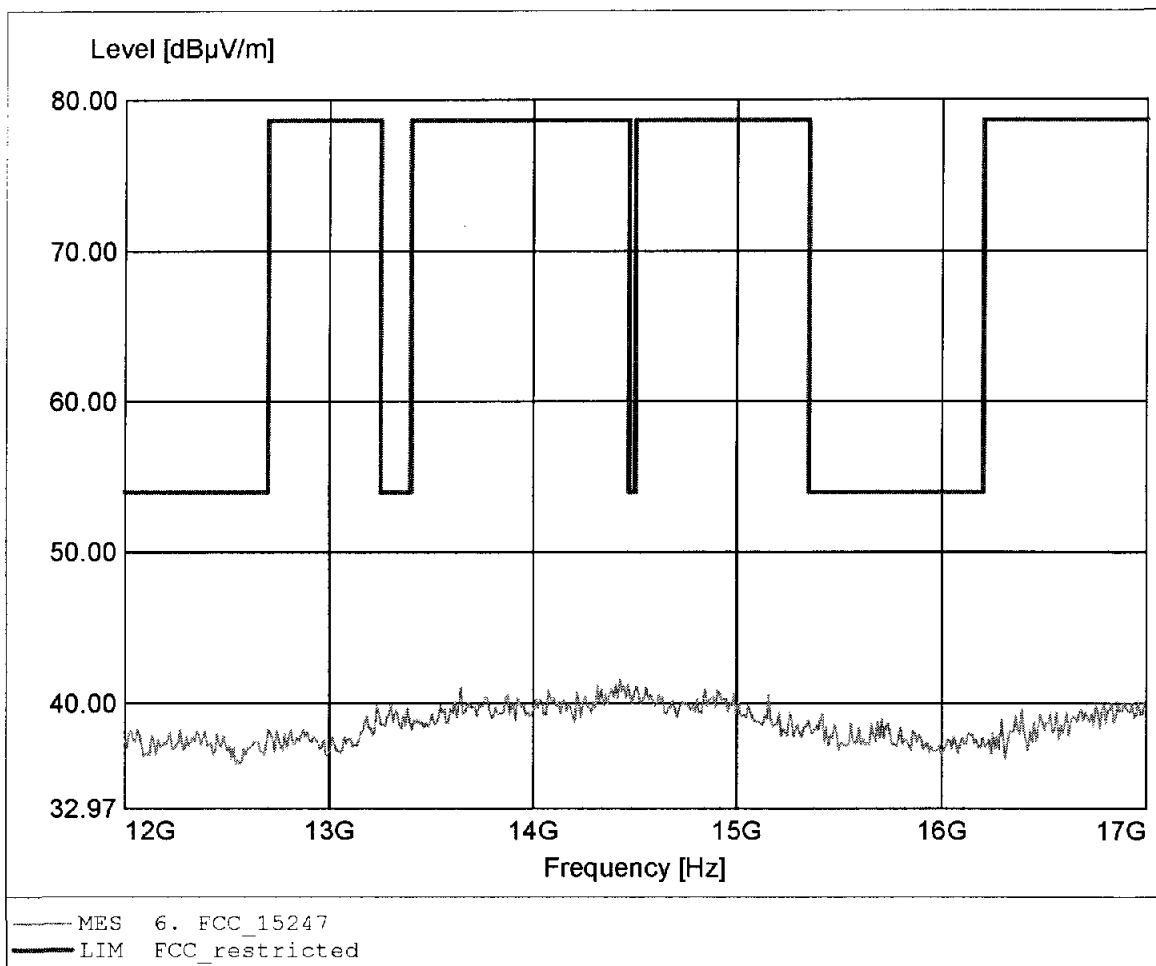
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.505GHz, Emax: 41.57dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

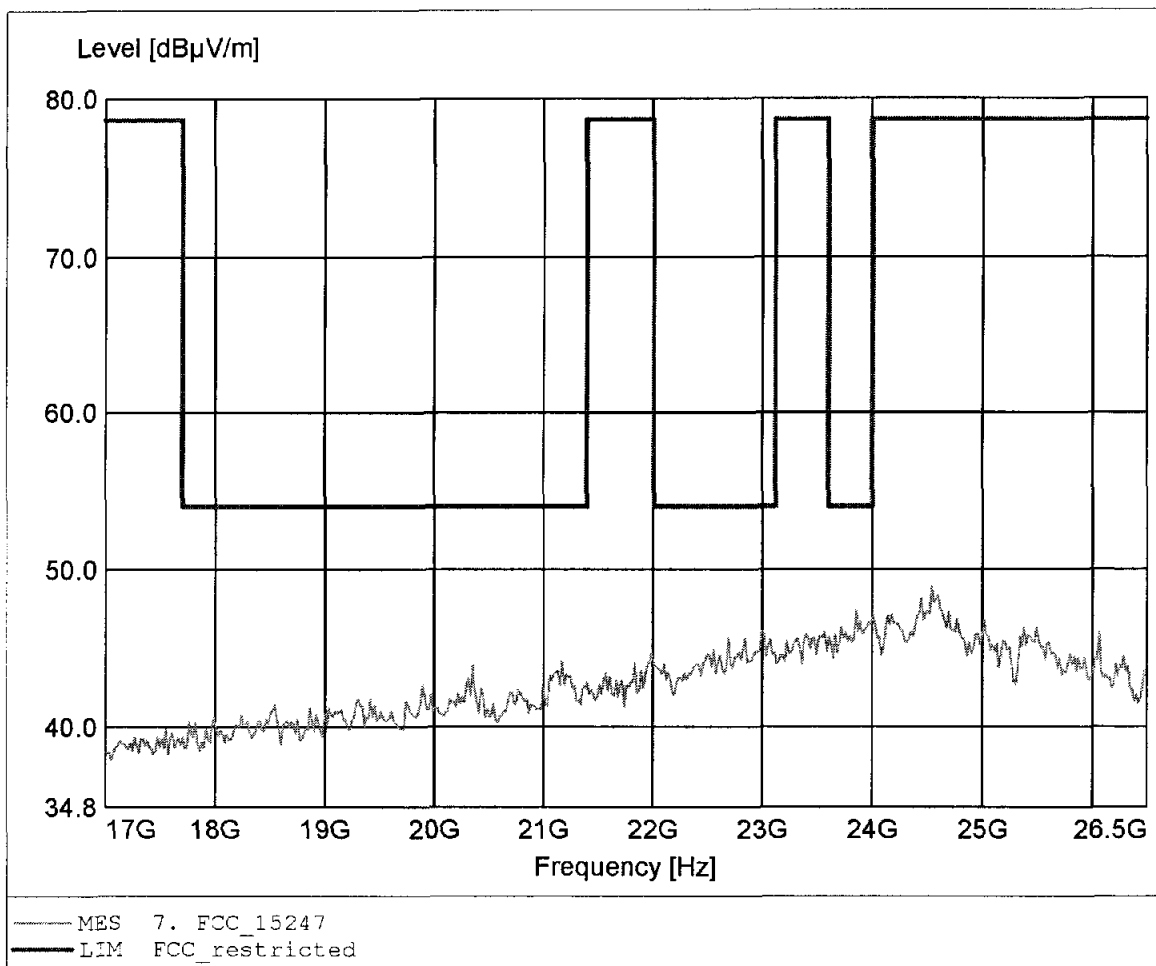
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.425GHz, Emax: 41.55dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

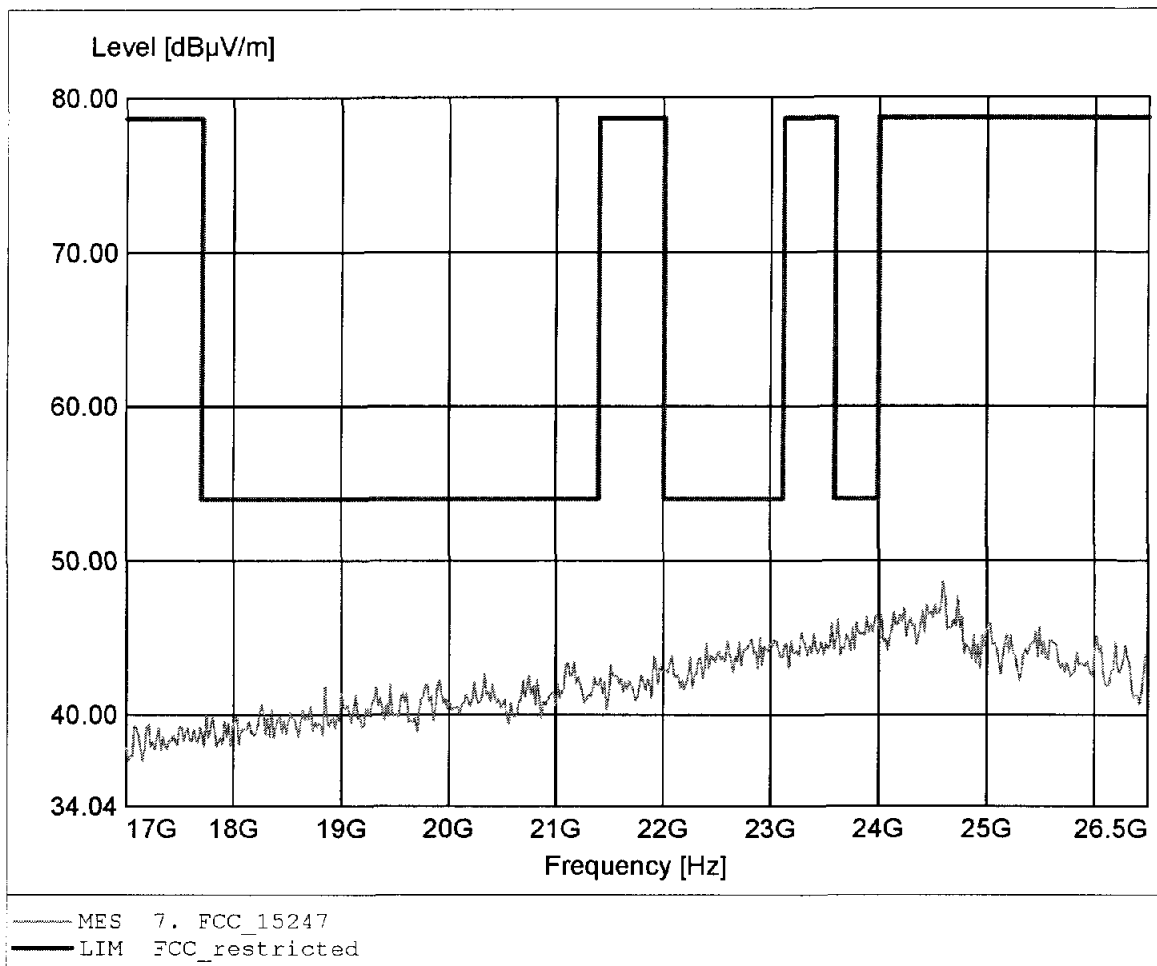
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.539GHz, Emax: 48.91dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

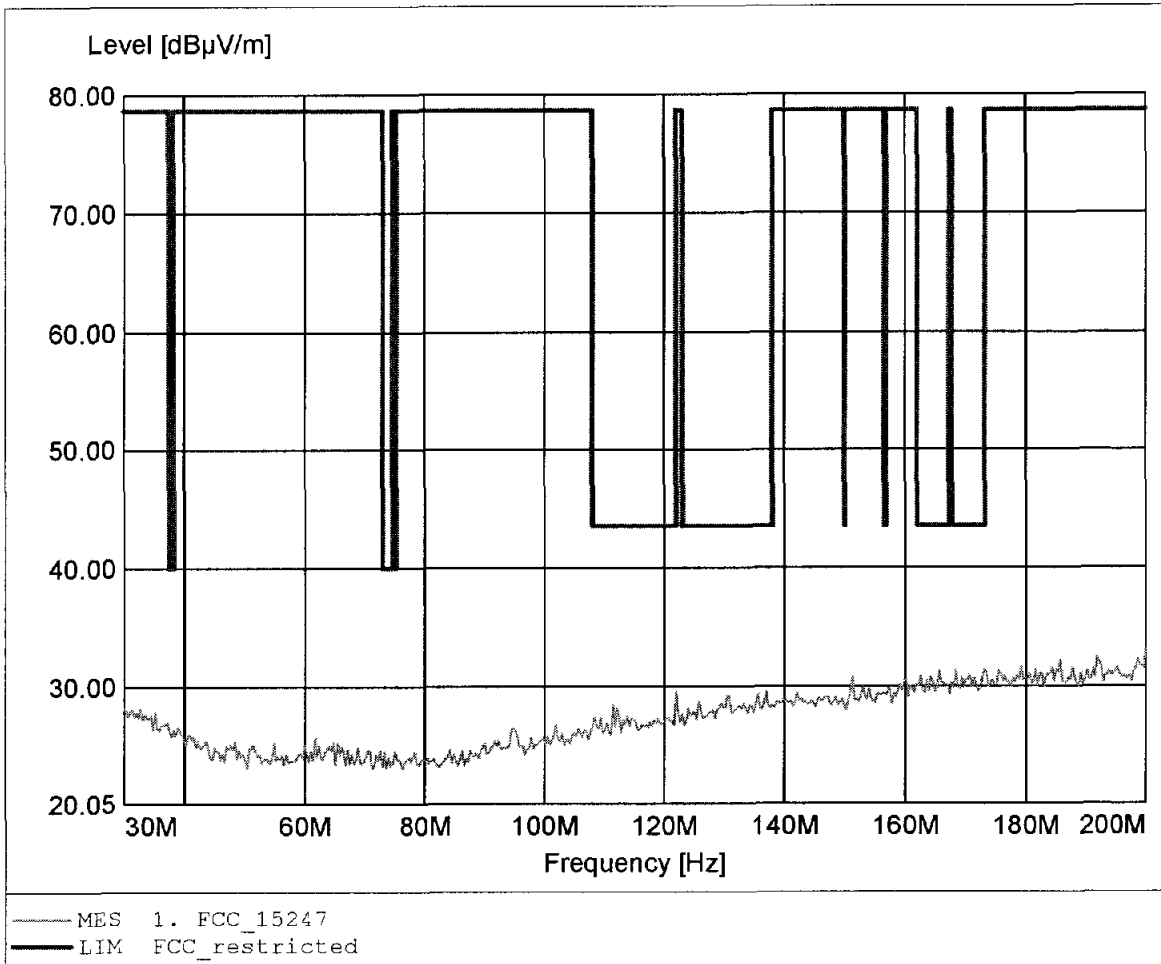
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2405 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.596GHz, Emax: 48.59dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

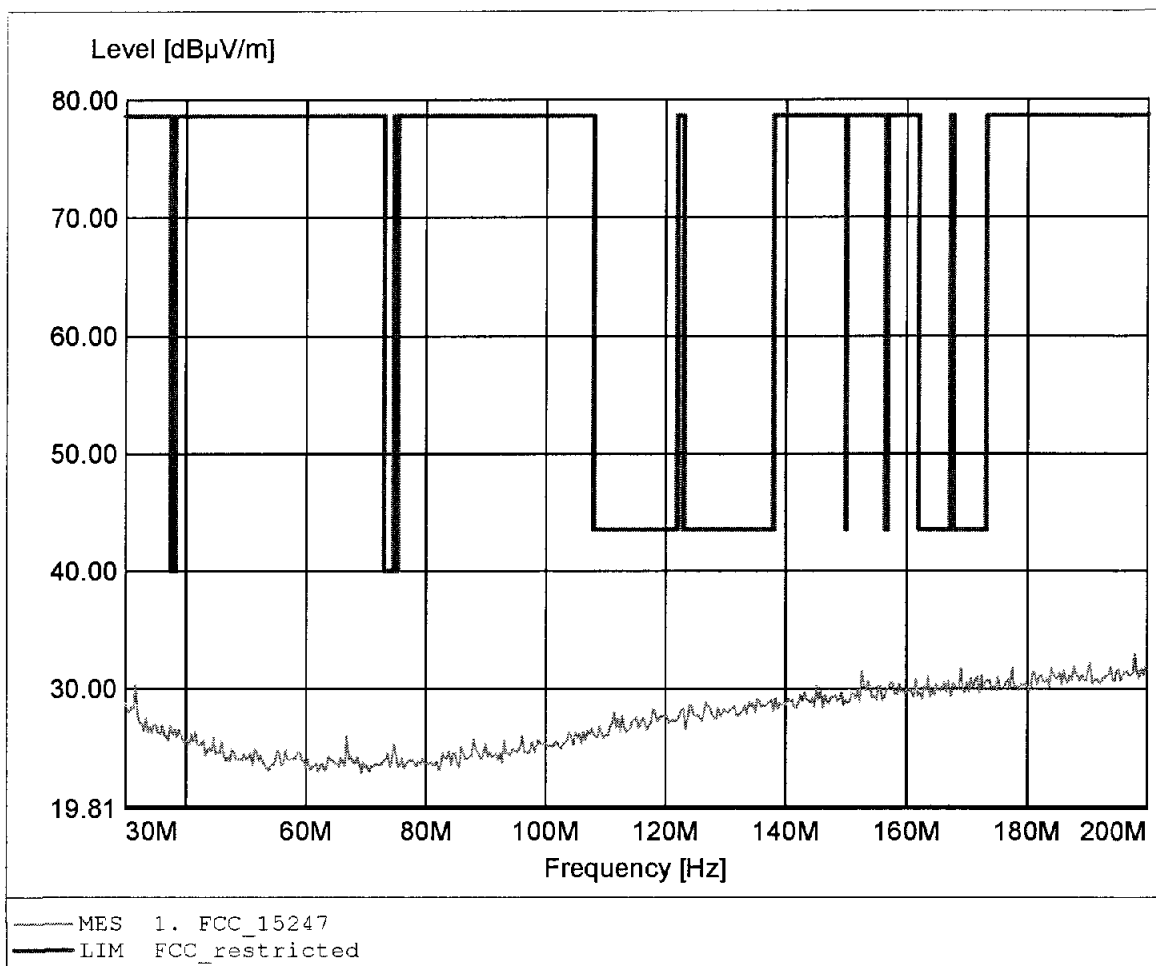
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 200.000MHz, Emax: 33.16dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

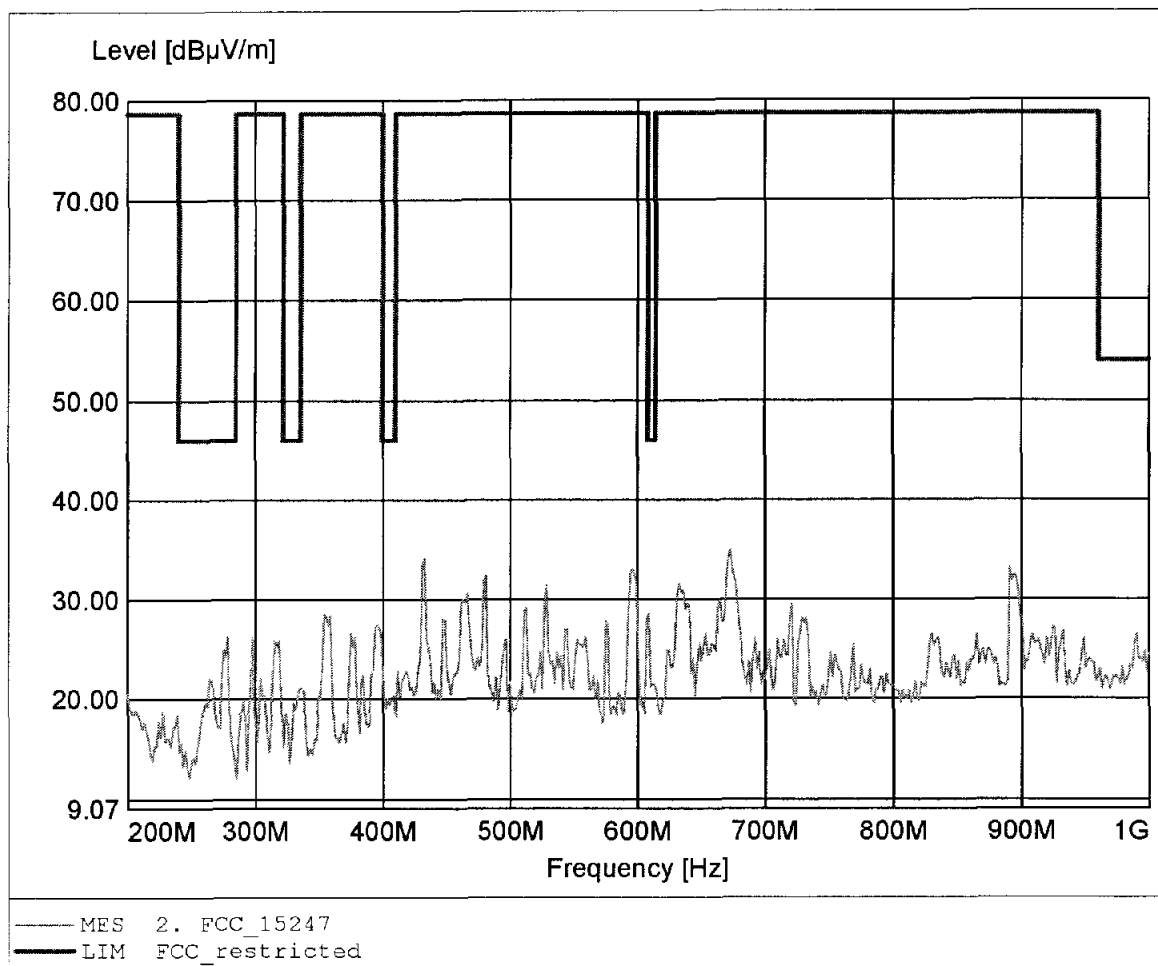
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.956MHz, Emax: 32.94dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

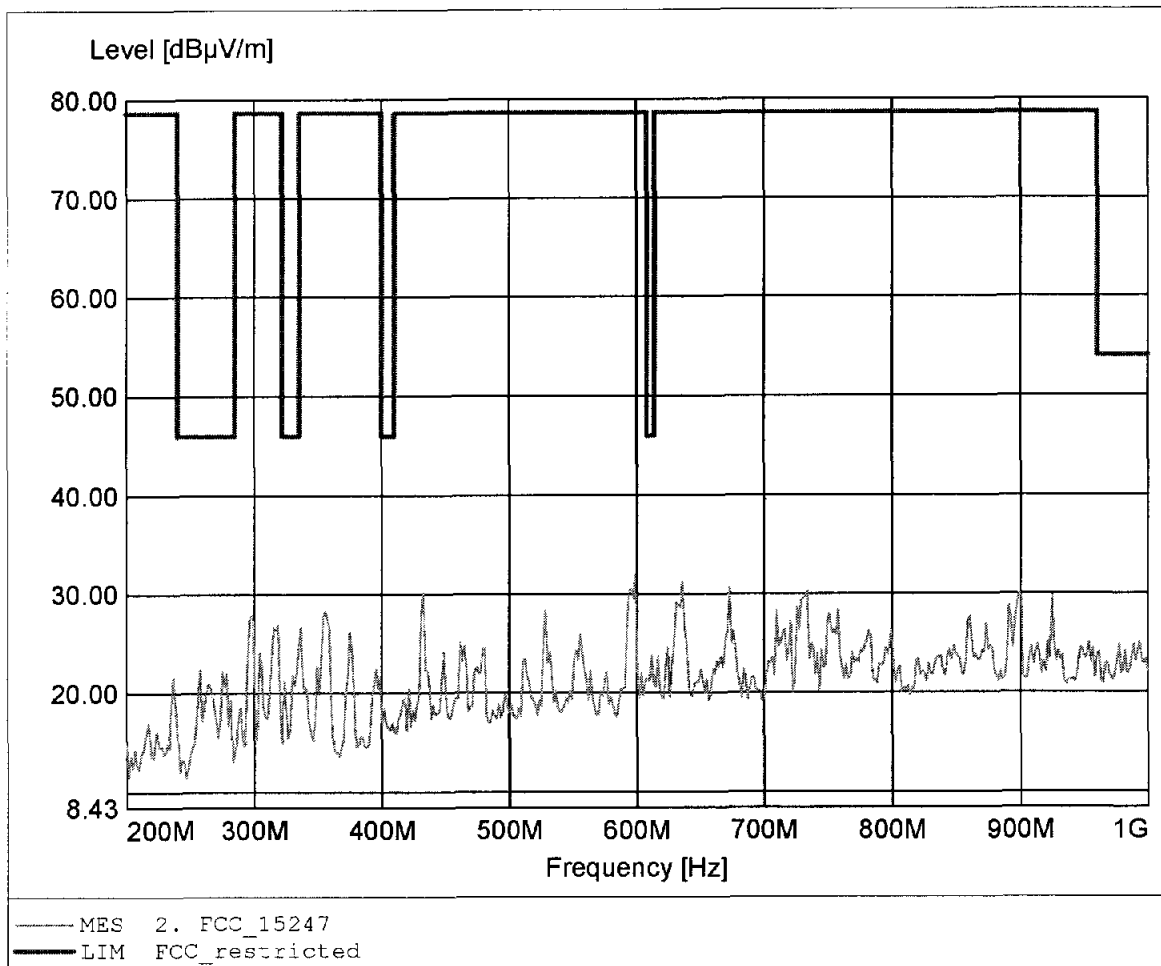
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 672.946MHz, Emax: 34.83dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

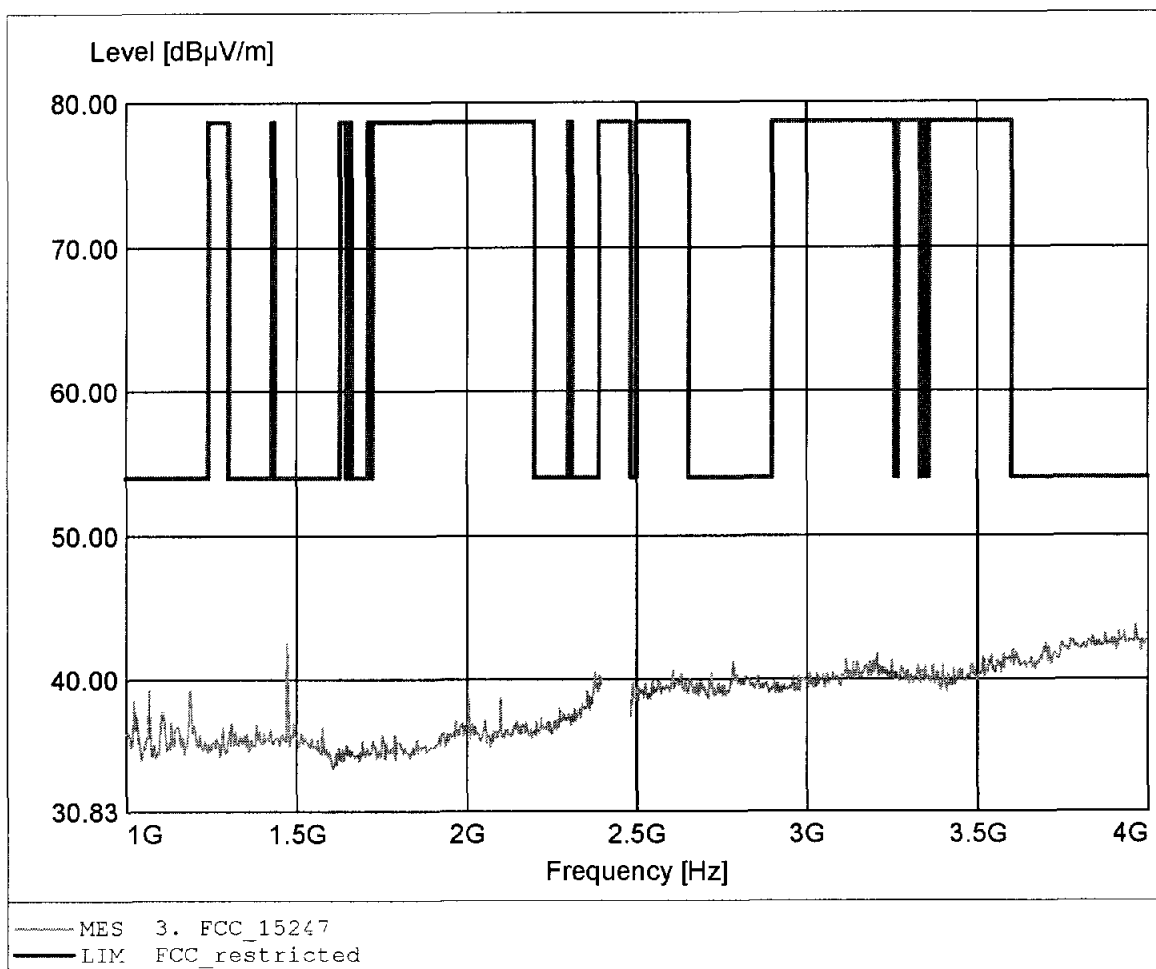
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 599.198MHz, Emax: 32.07dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

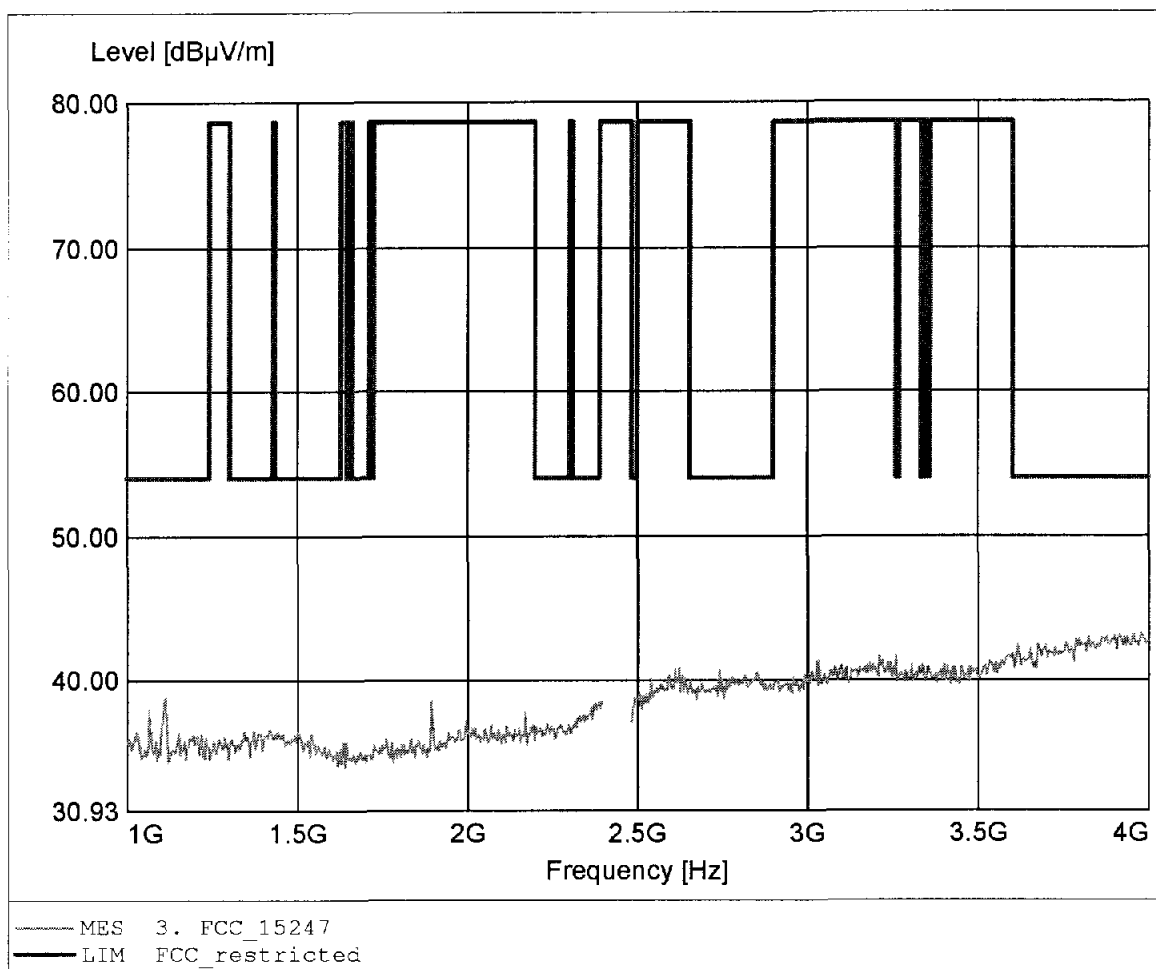
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.964GHz, Emax: 43.75dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

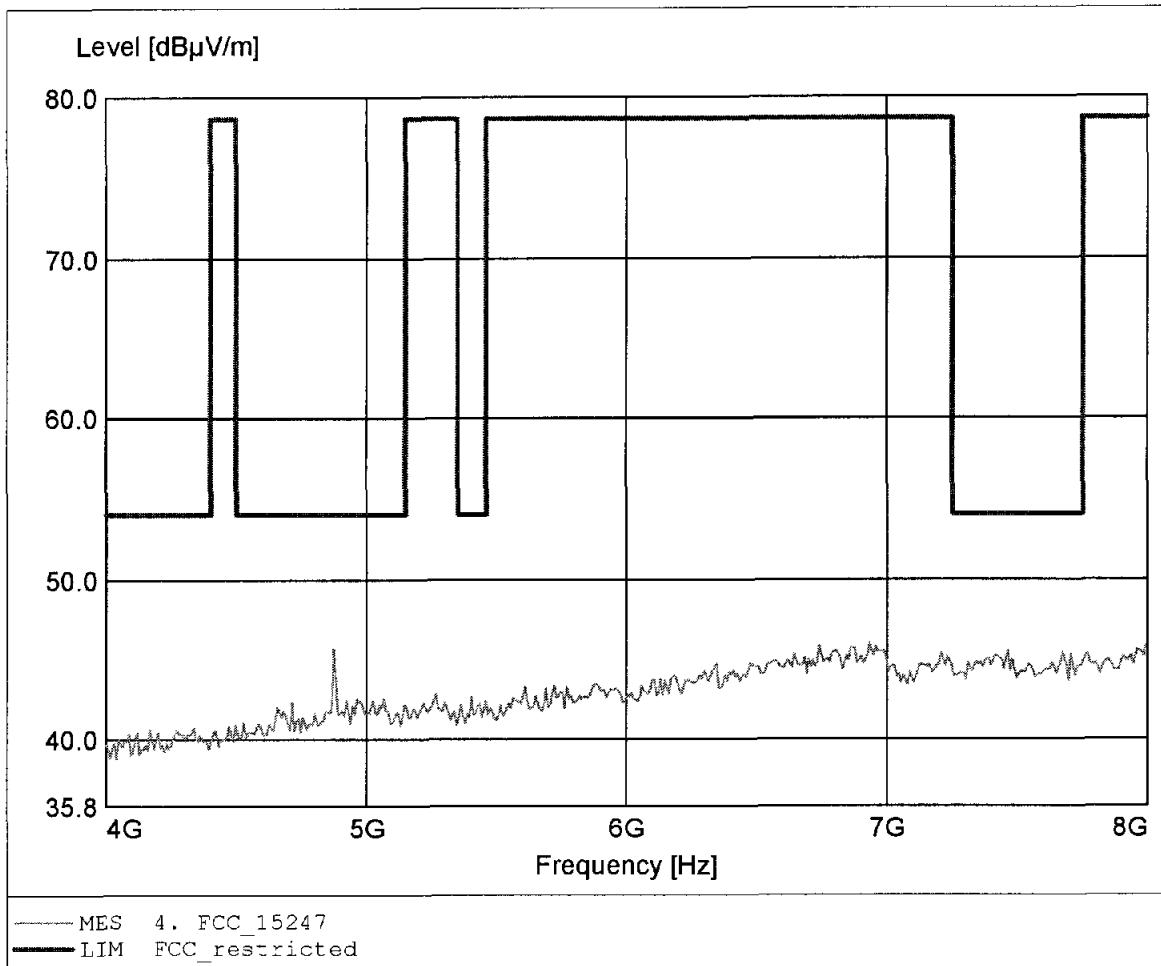
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.979GHz, Emax: 43.24dB μ V/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

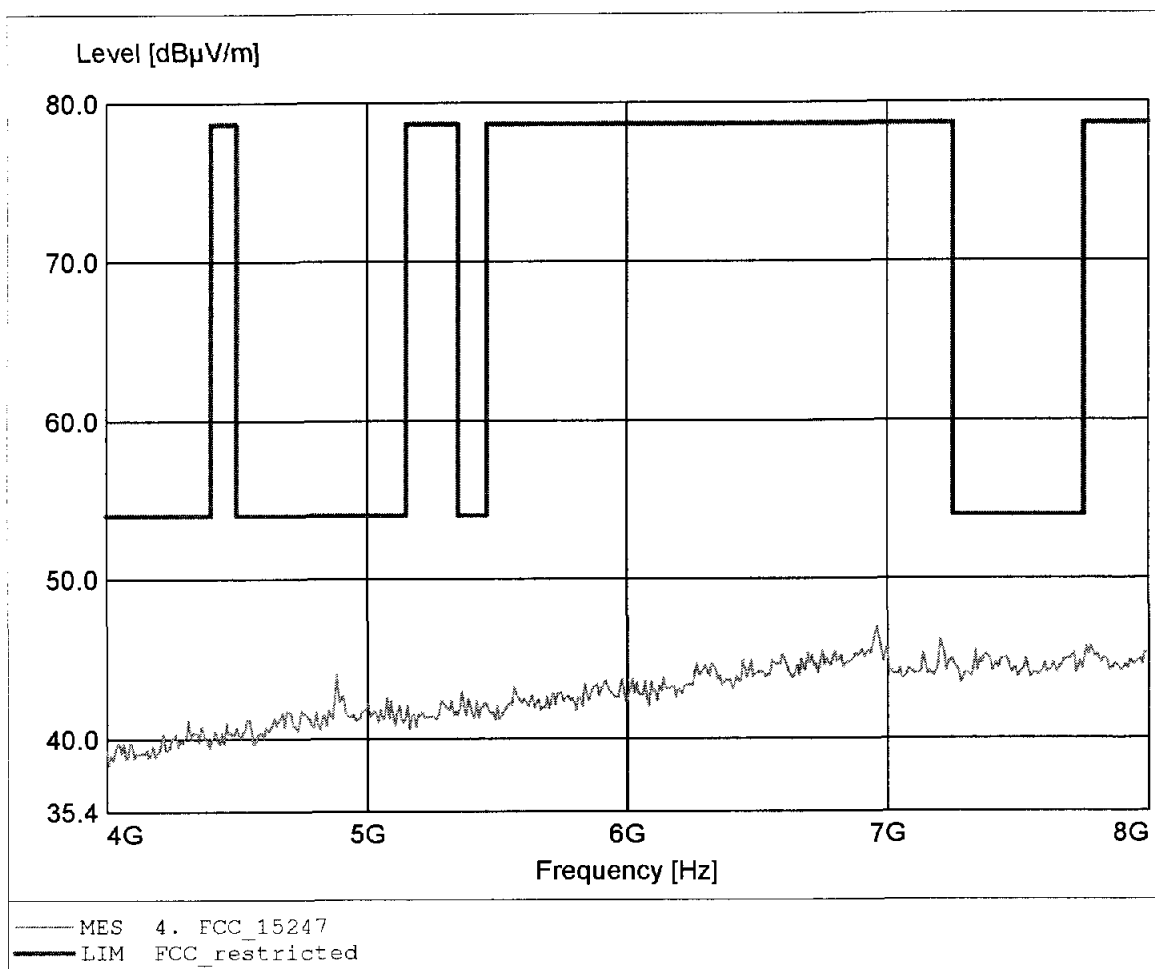
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.934GHz, Emax: 46.02dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

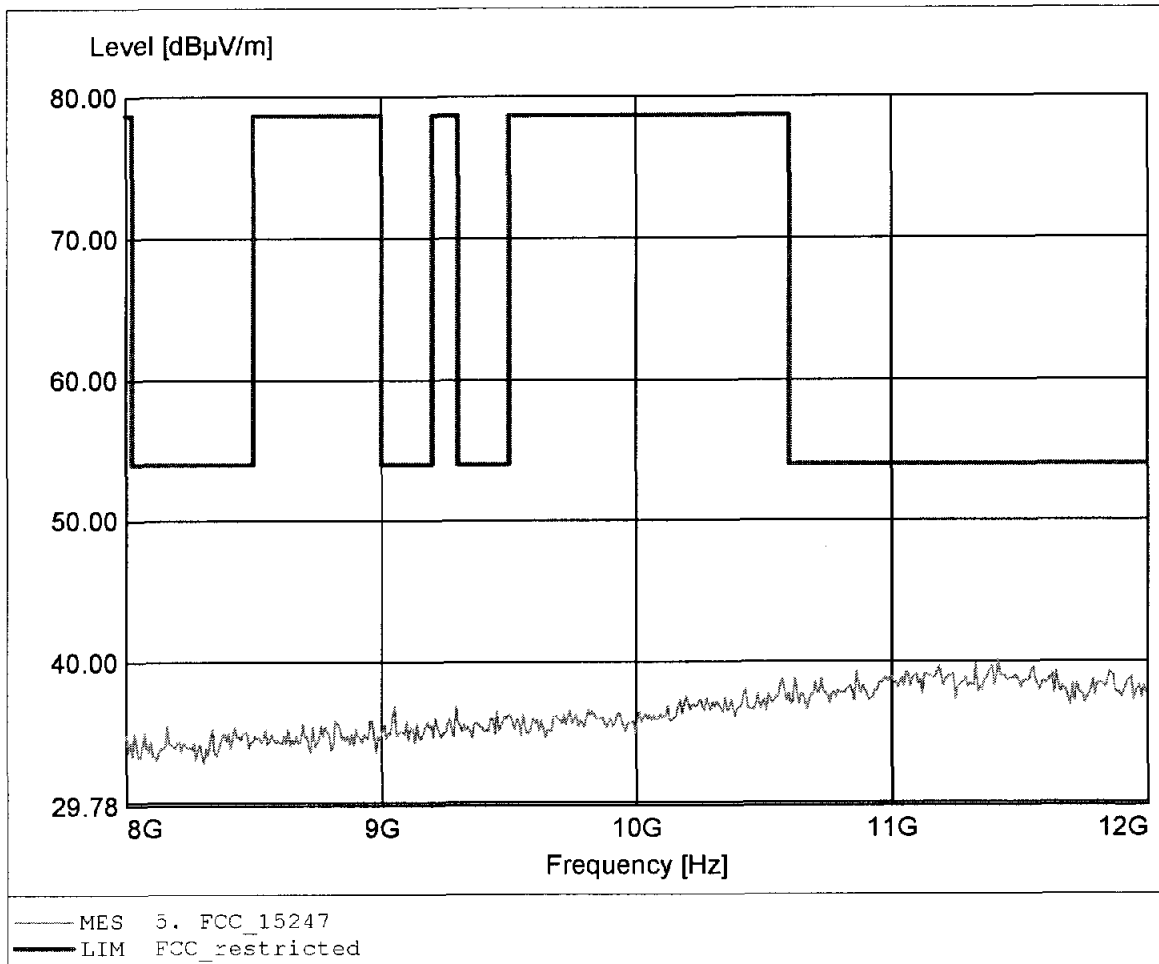
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.958GHz, Emax: 46.99dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

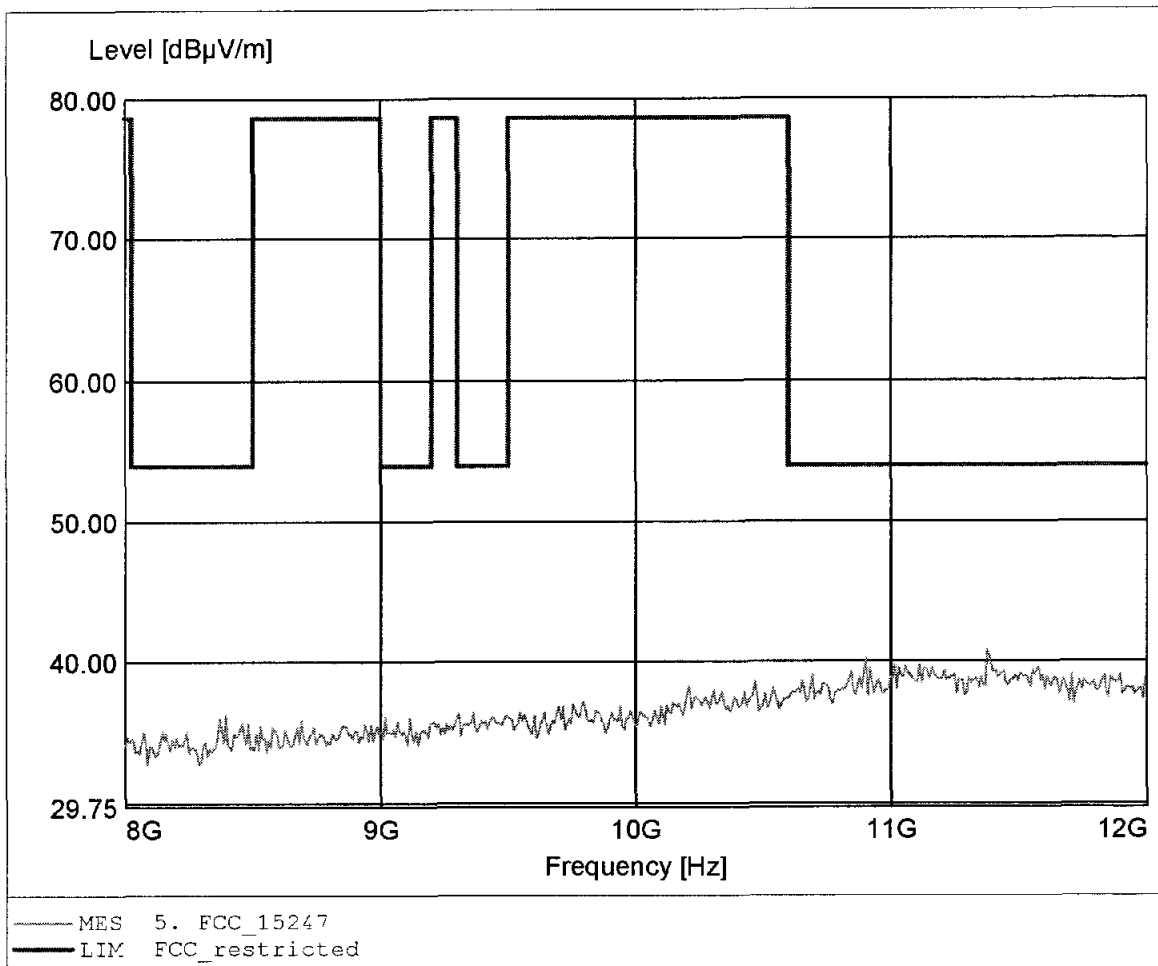
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.415GHz, Emax: 40.09dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

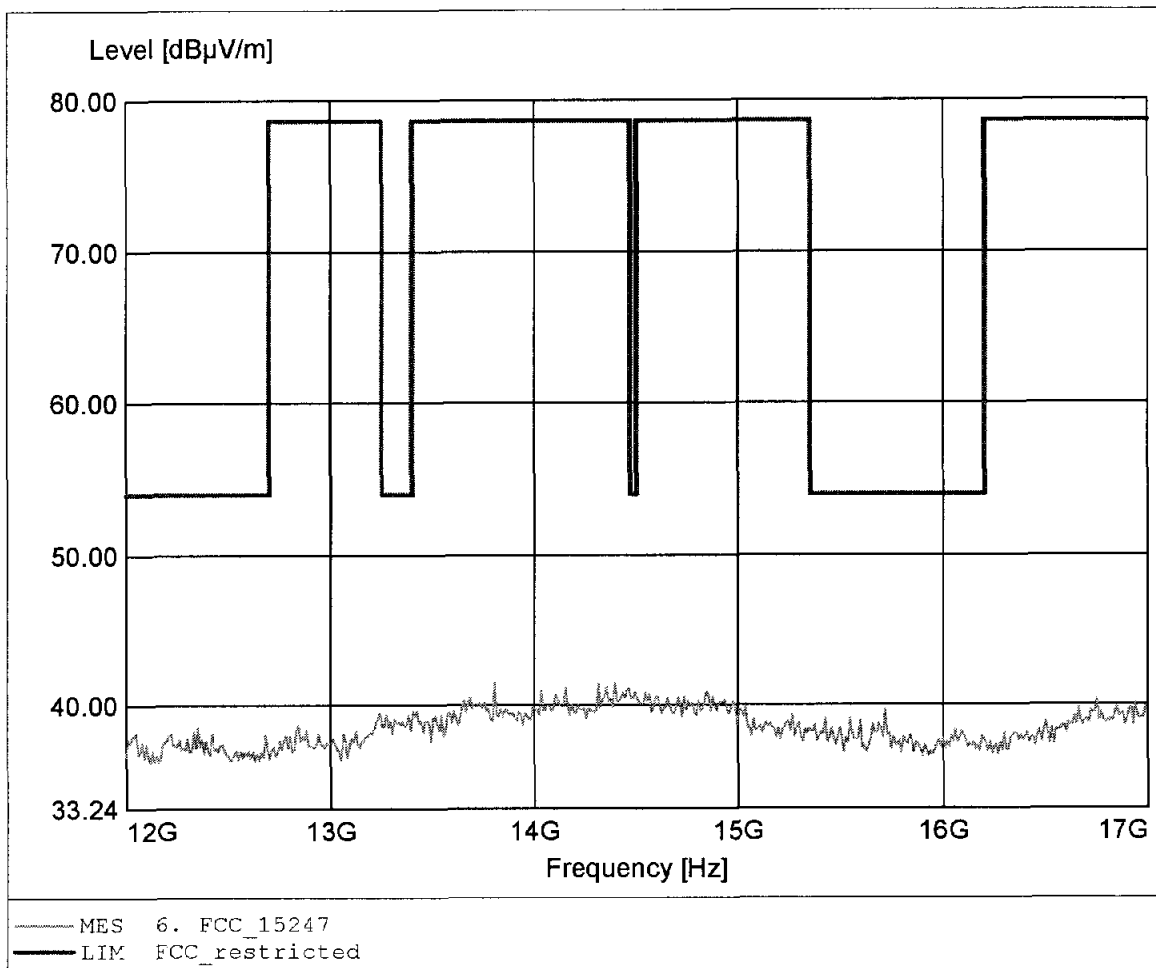
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.375GHz, Emax: 40.81dBuV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

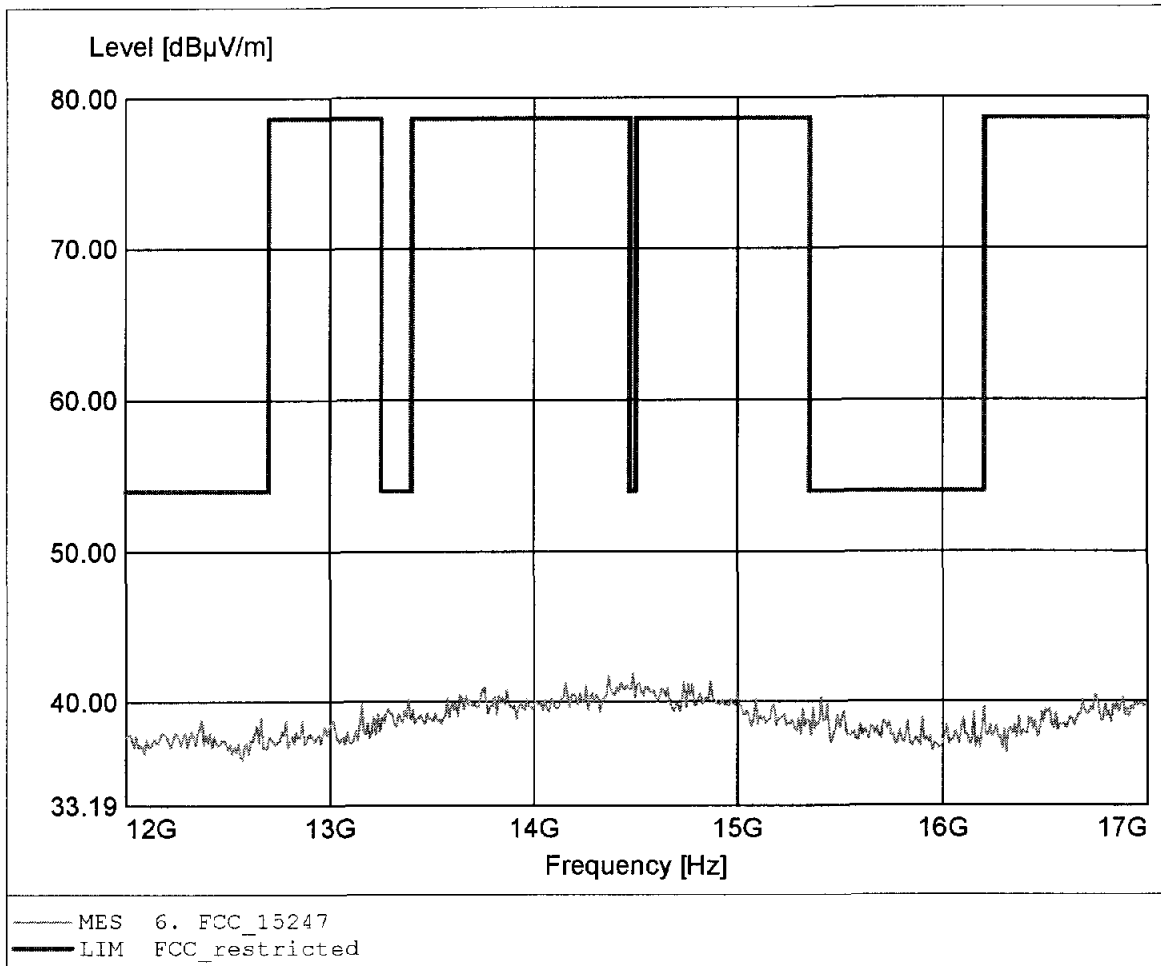
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.395GHz, Emax: 41.45dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

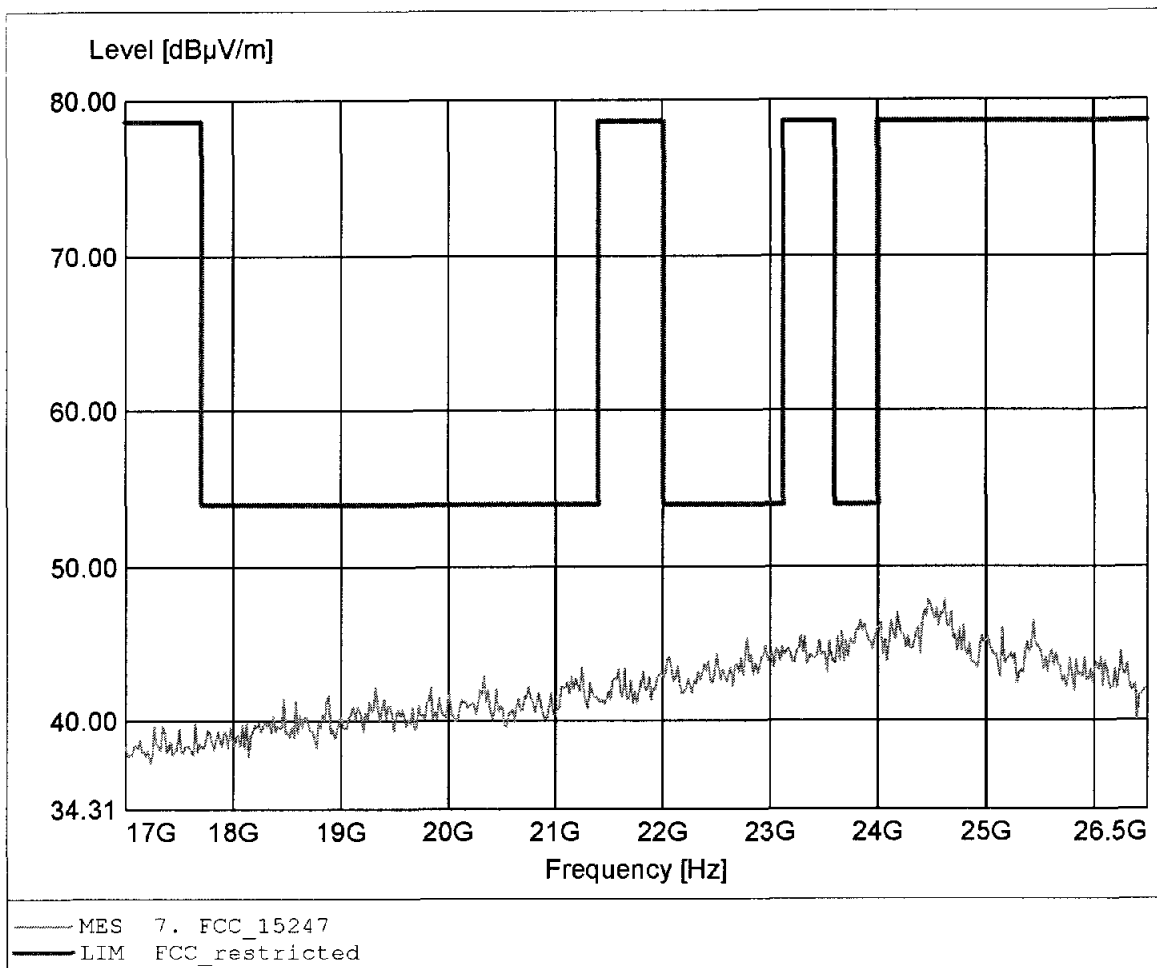
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.485GHz, Emax: 41.92dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

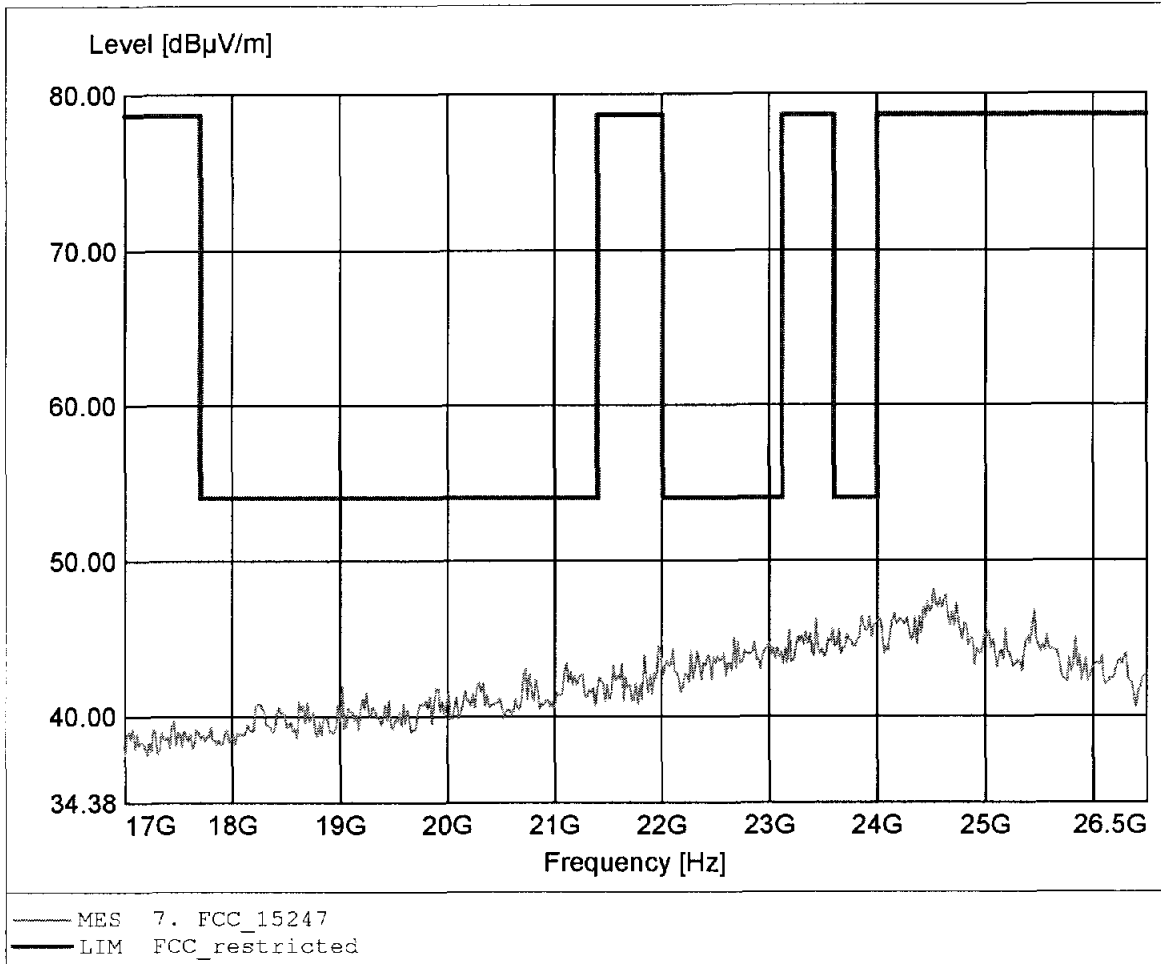
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.615GHz, Emax: 47.89dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

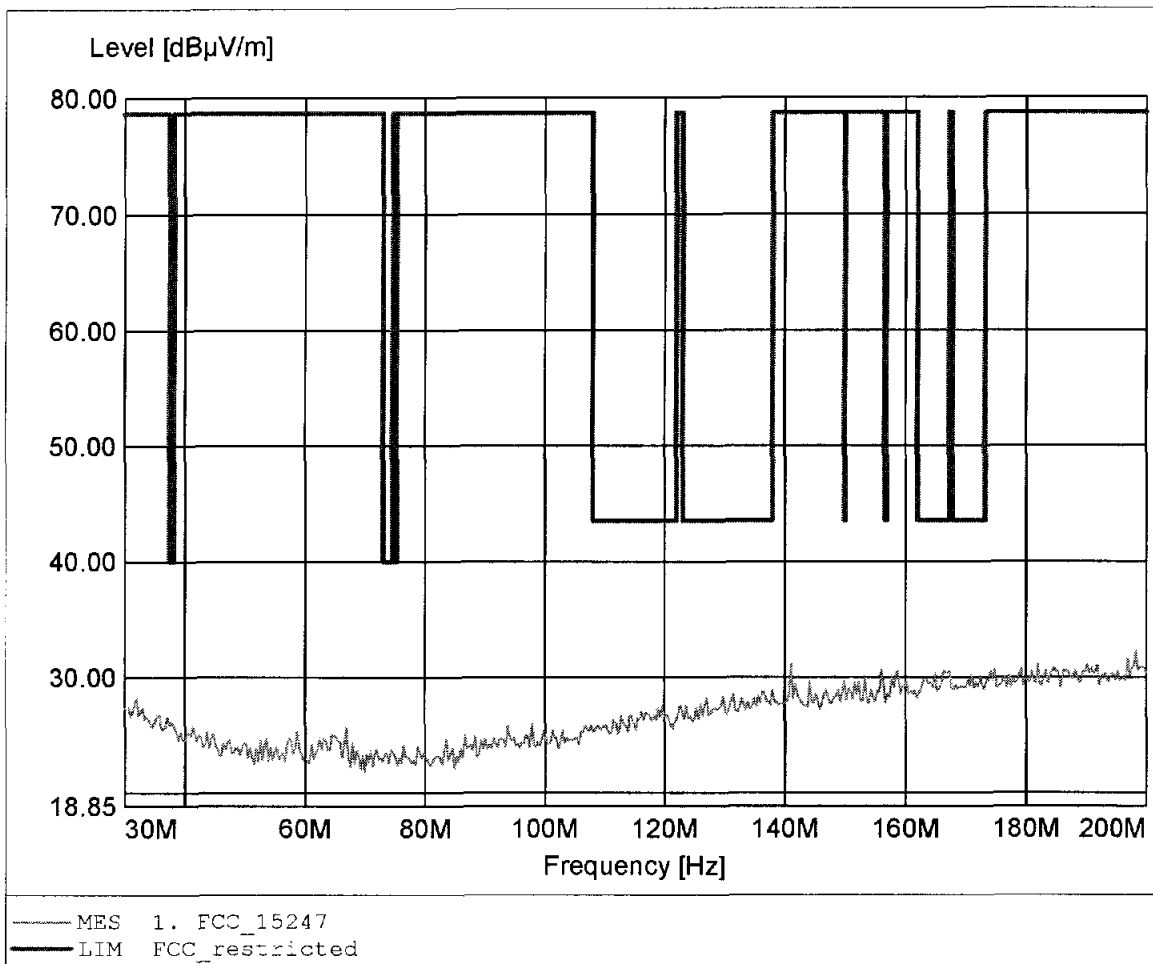
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.520GHz, Emax: 48.21dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

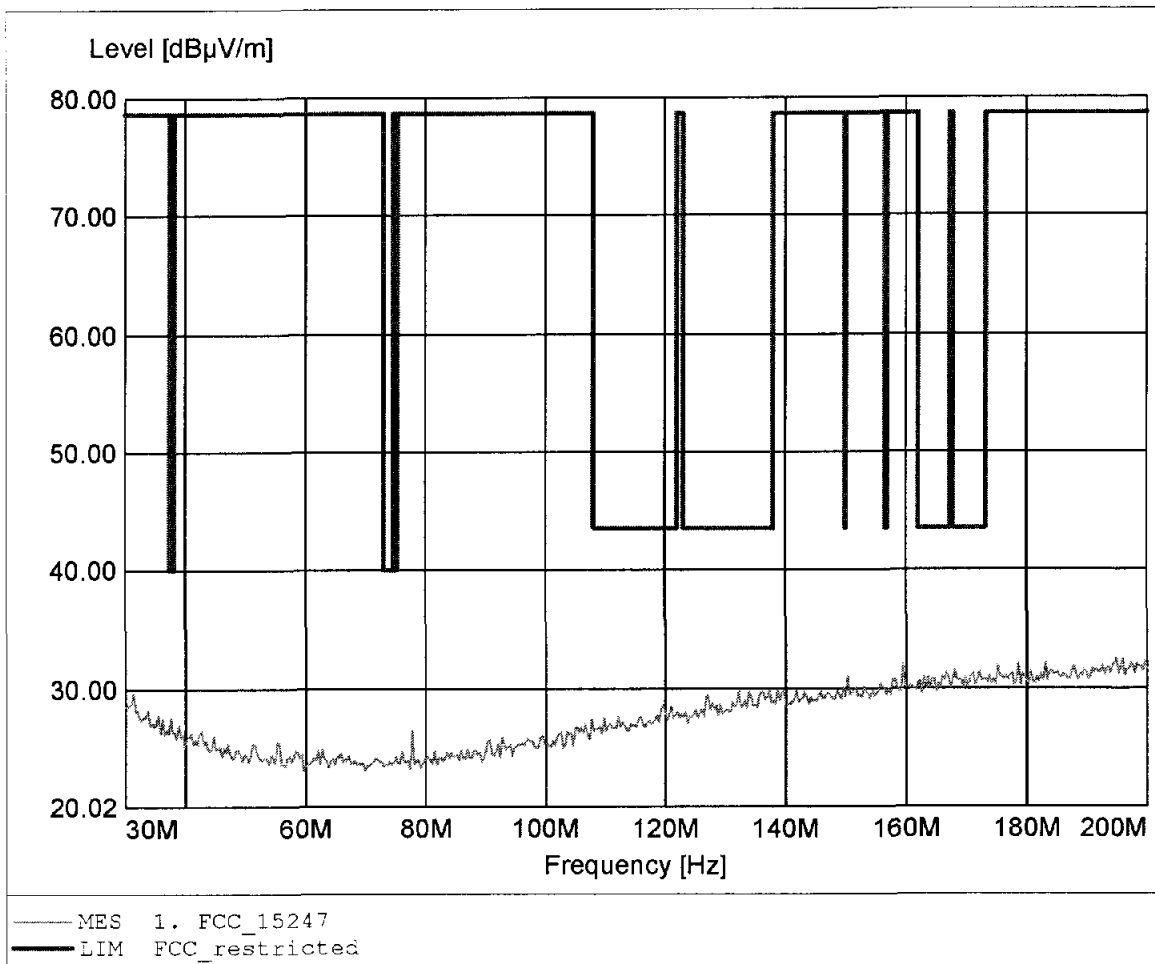
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.297MHz, Emax: 32.30dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

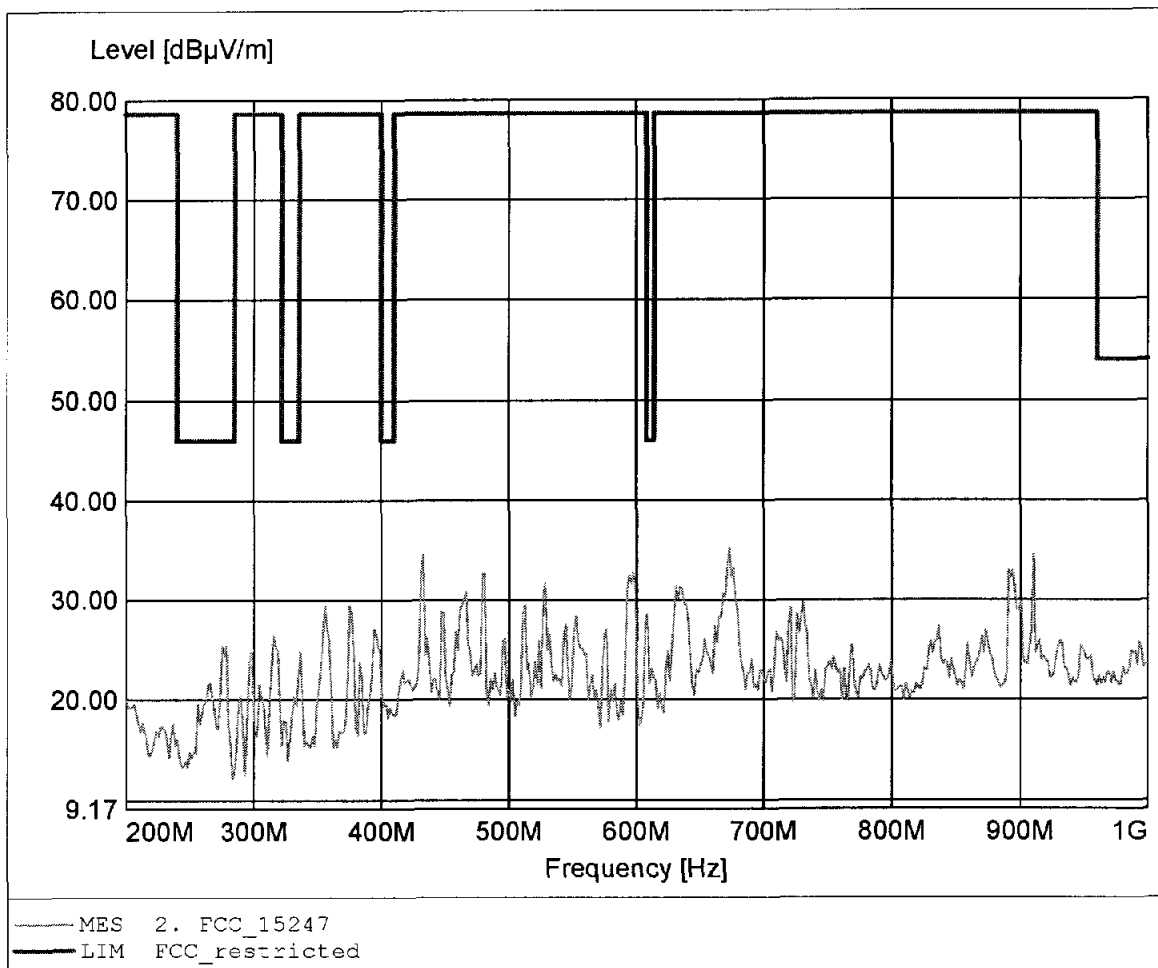
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.890MHz, Emax: 32.44dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

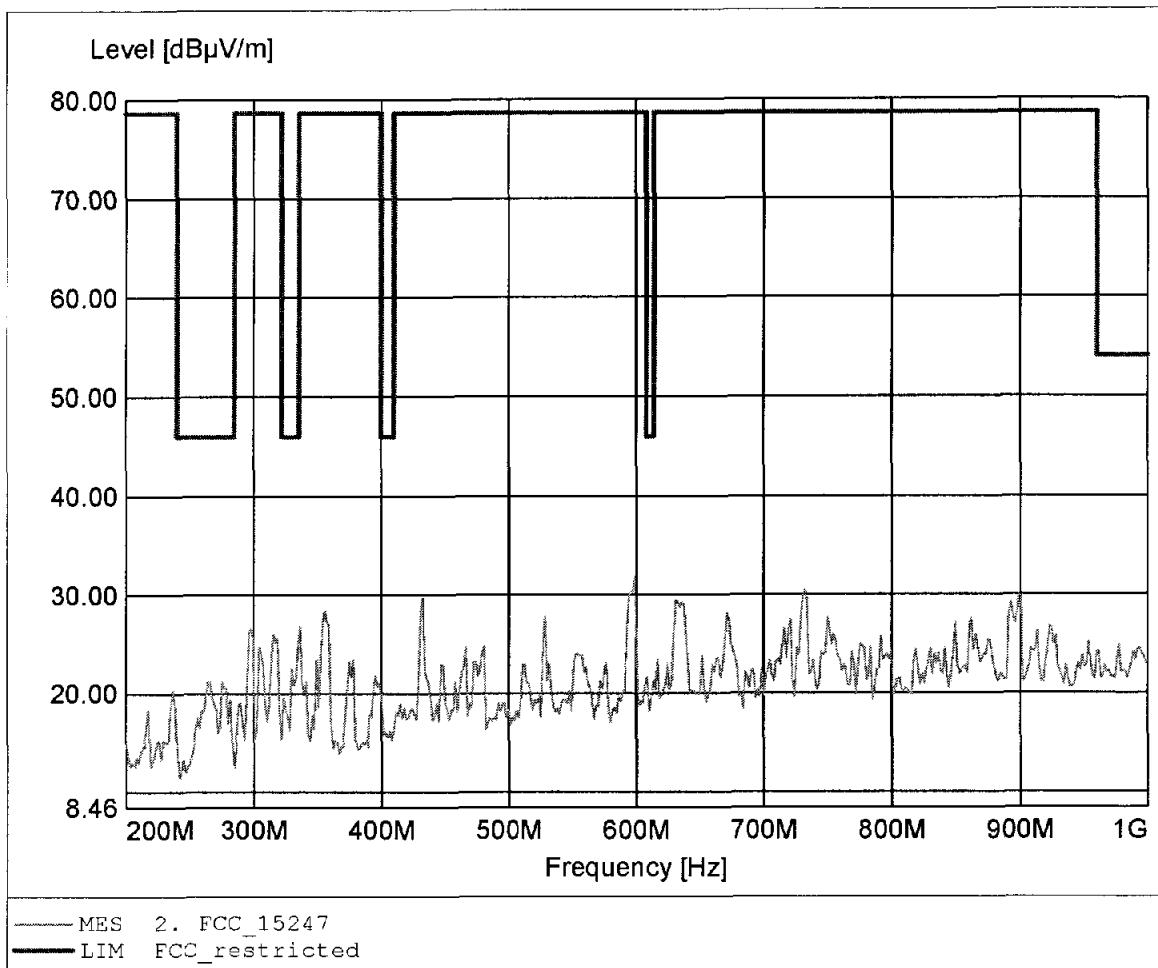
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 672.946MHz, Emax: 35.18dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

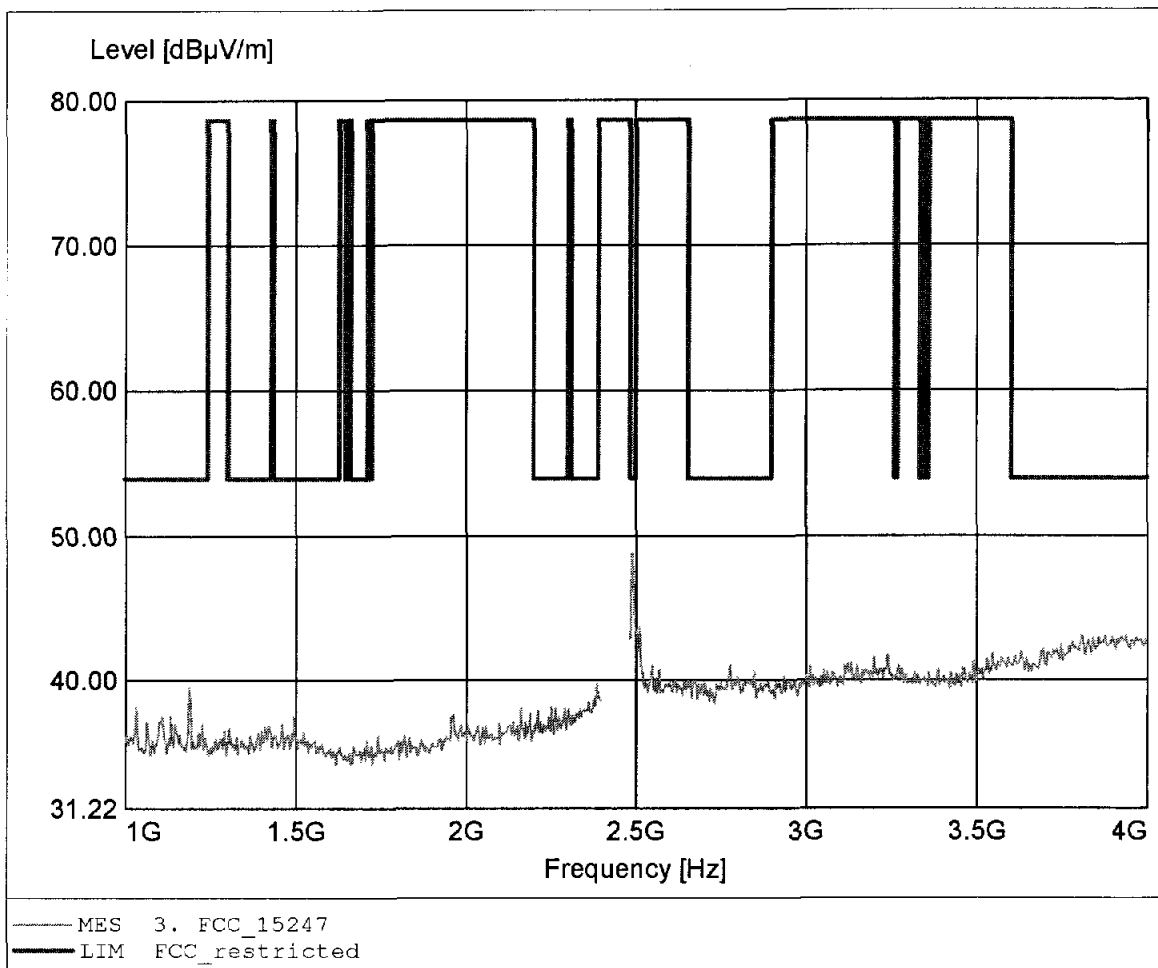
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 599.198MHz, Emax: 31.68dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

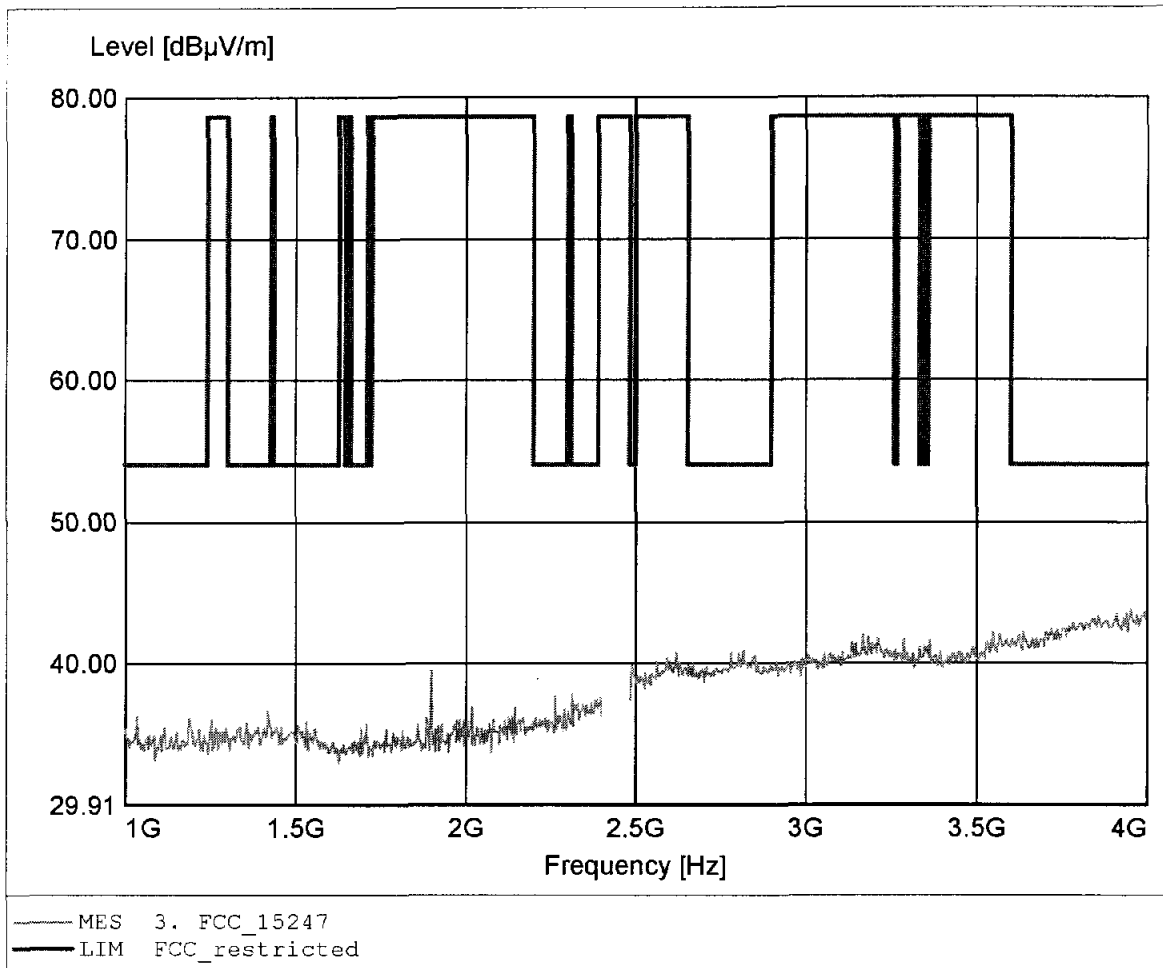
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.490GHz, Emax: 48.85dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

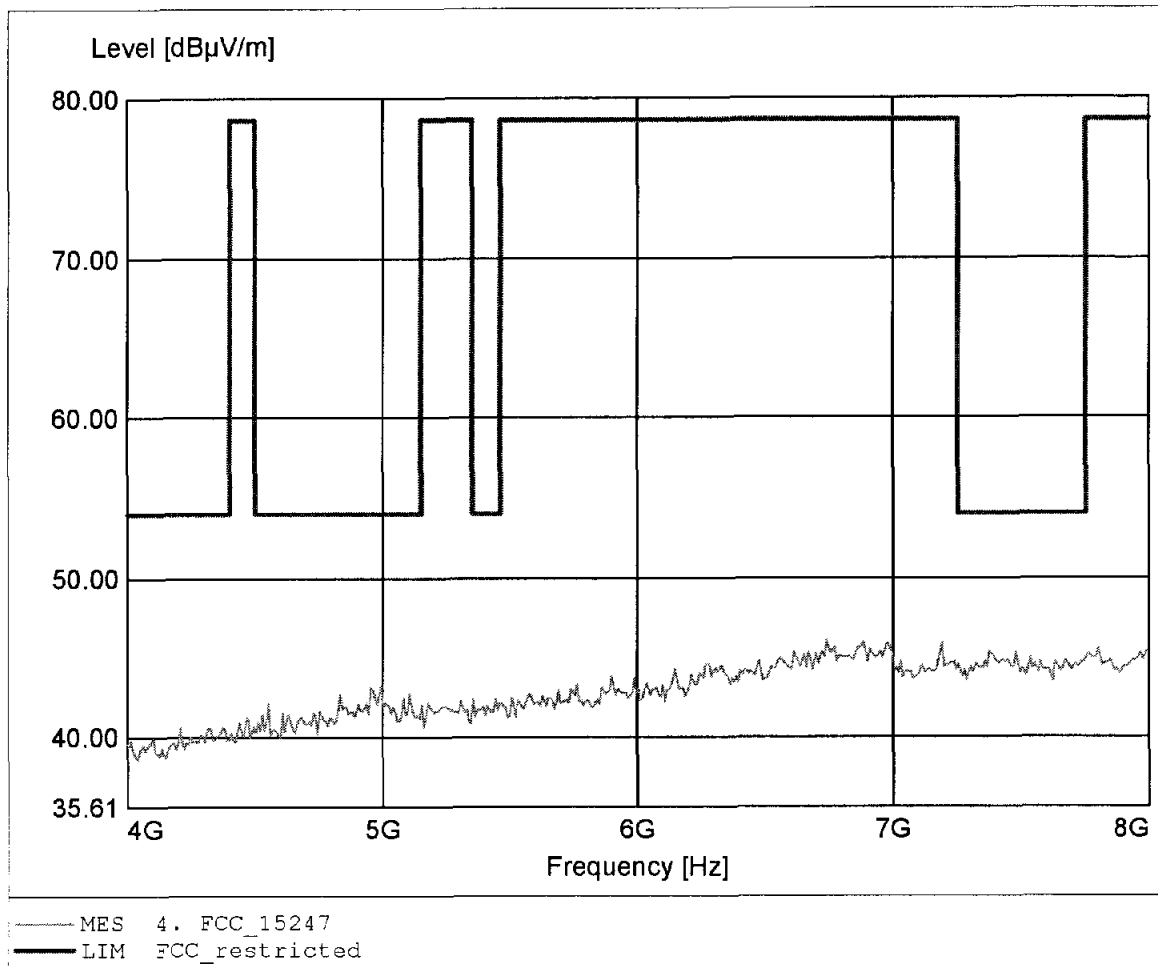
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.951GHz, Emax: 43.75dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

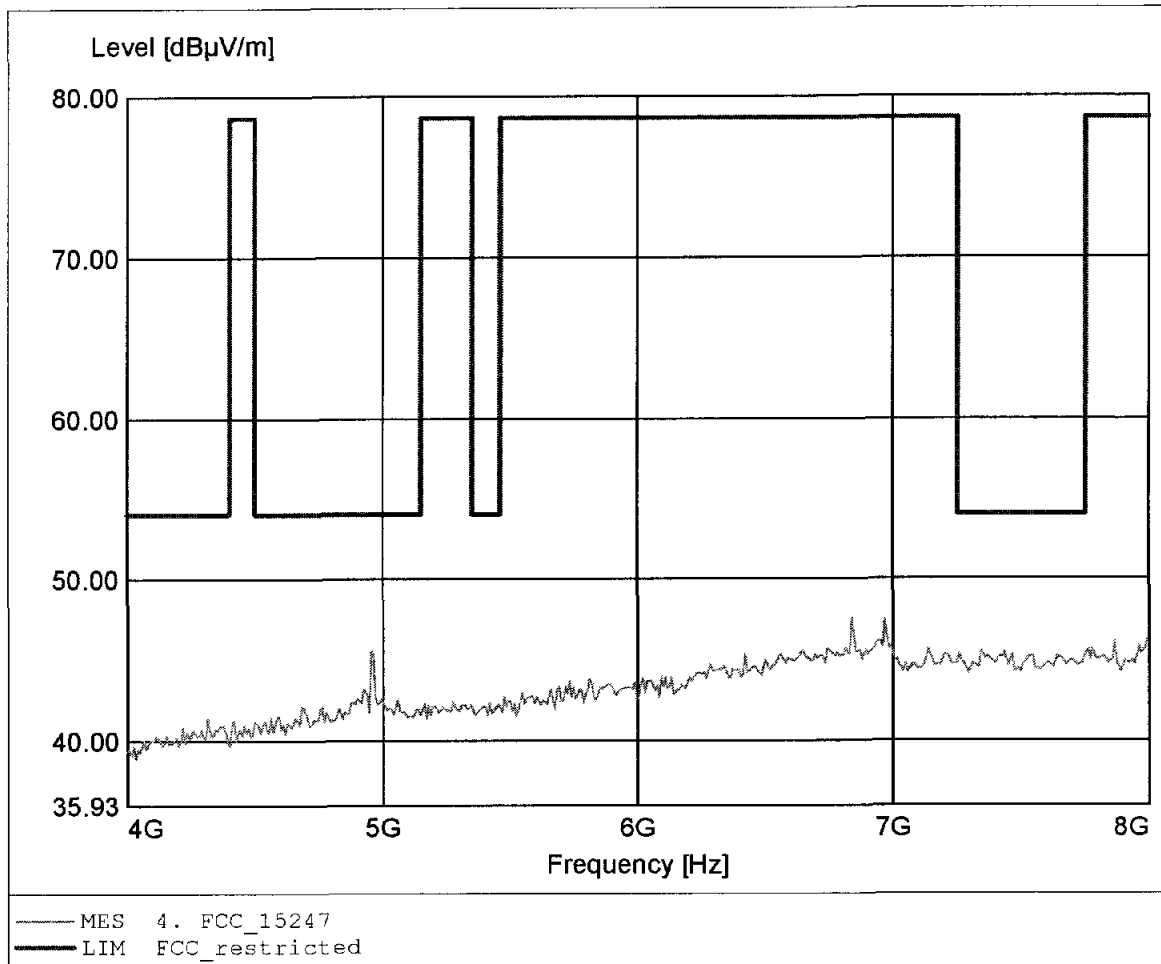
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.741GHz, Emax: 46.04dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

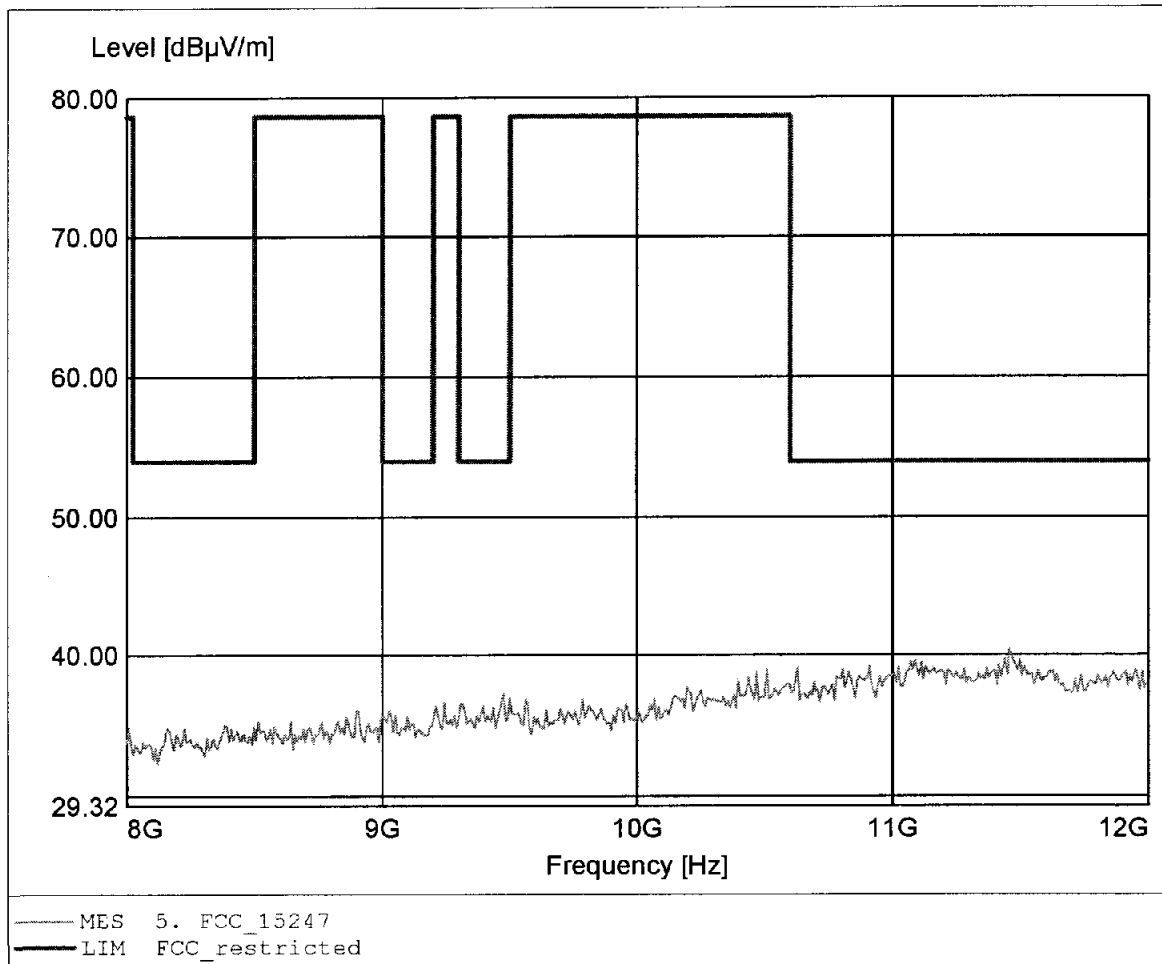
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.838GHz, Emax: 47.56dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

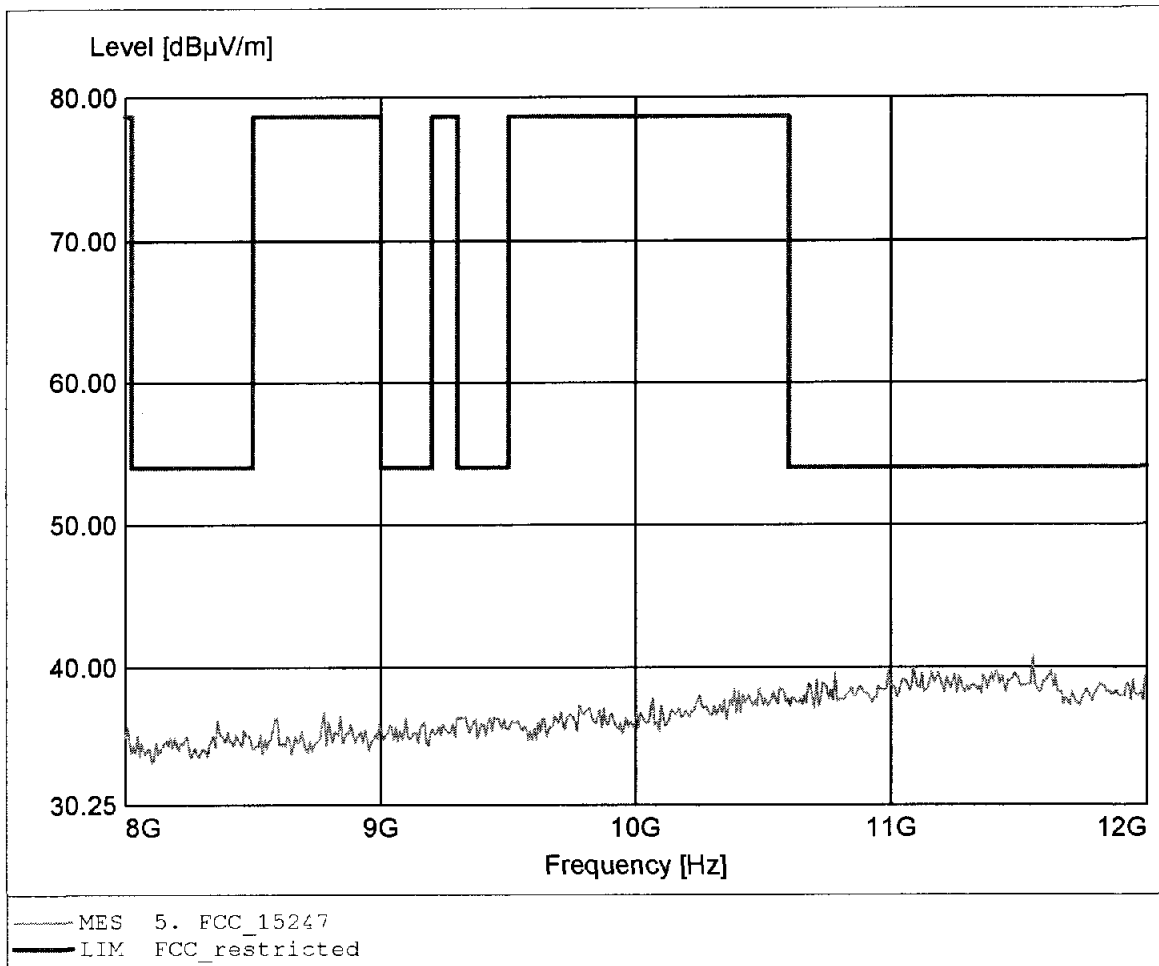
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.455GHz, Emax: 40.37dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

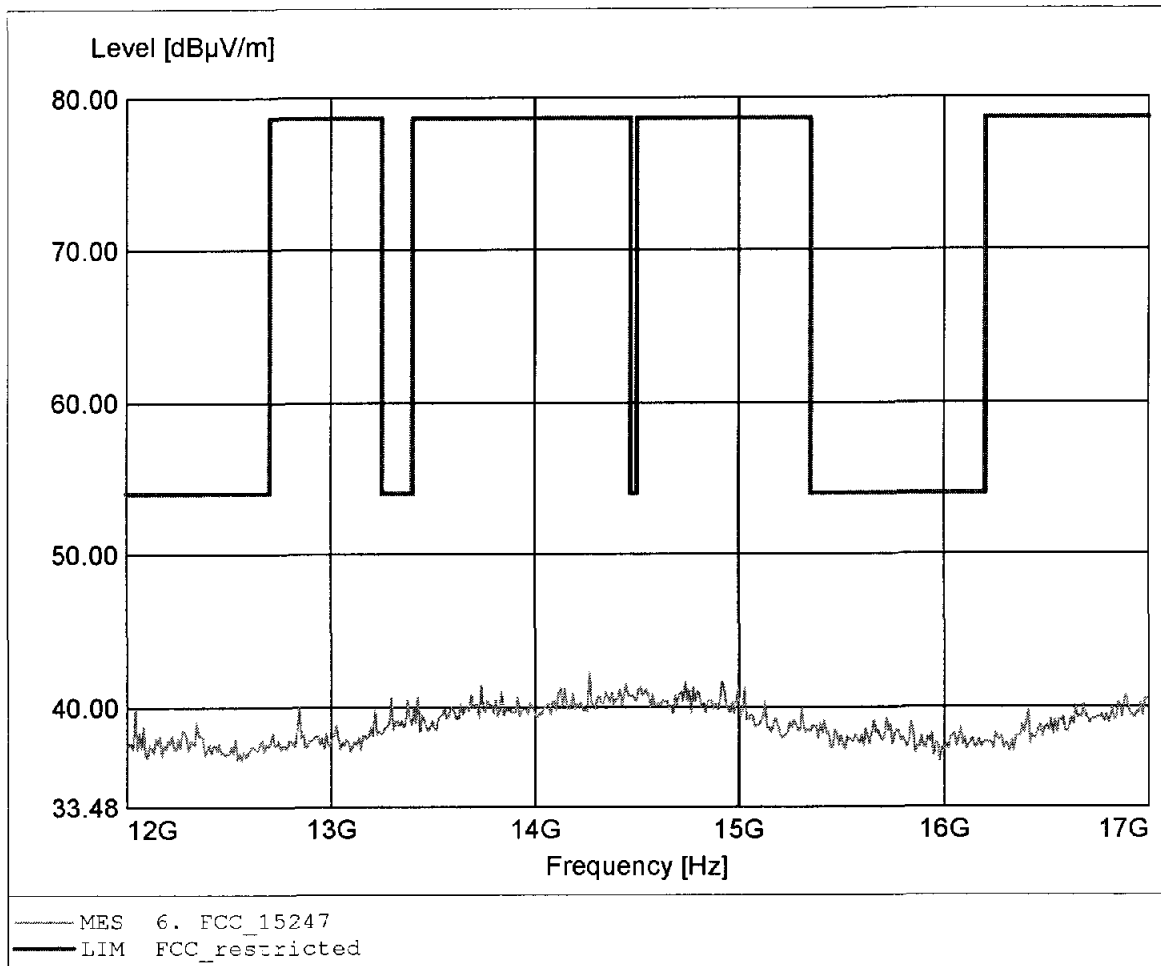
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.551GHz, Emax: 40.85dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

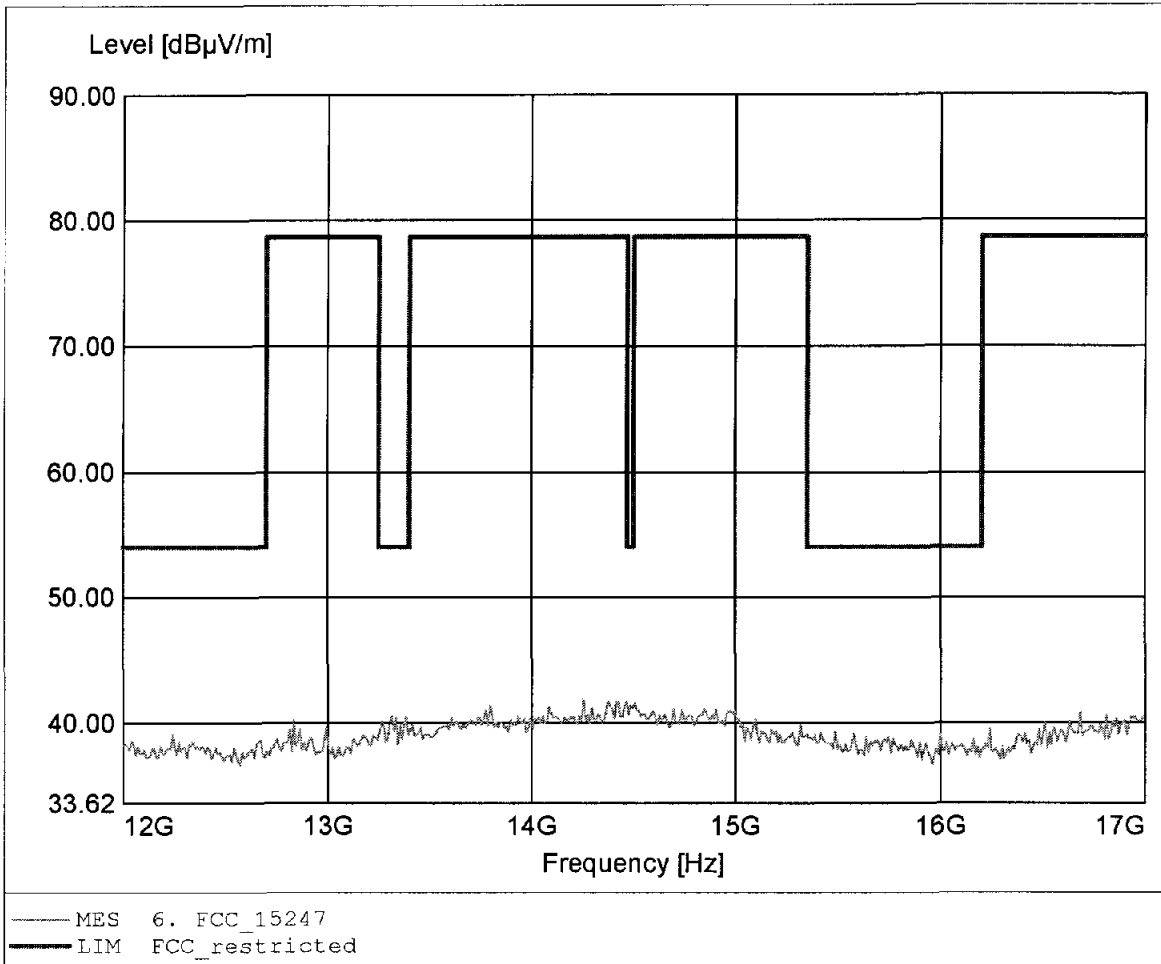
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.265GHz, Emax: 42.29dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

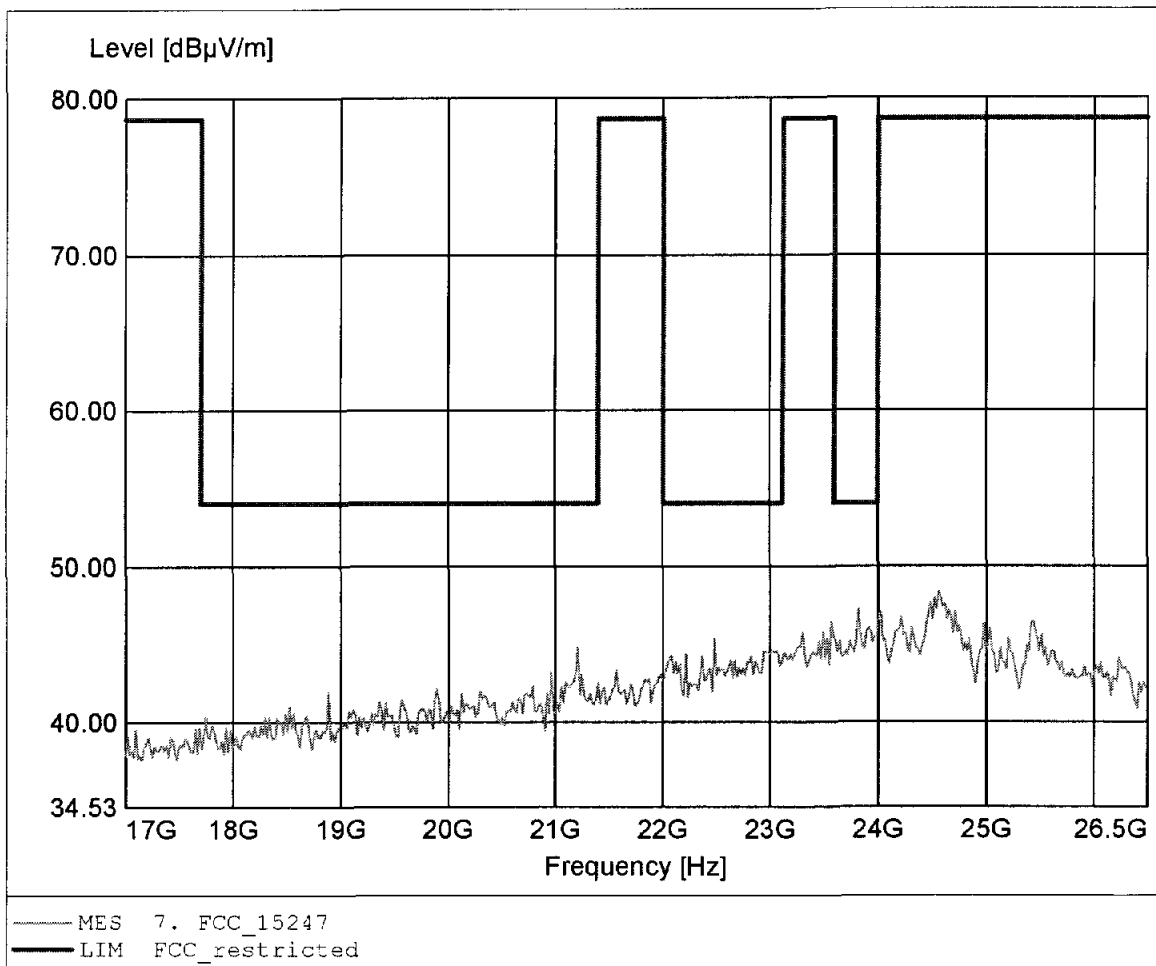
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.255GHz, Emax: 41.84dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

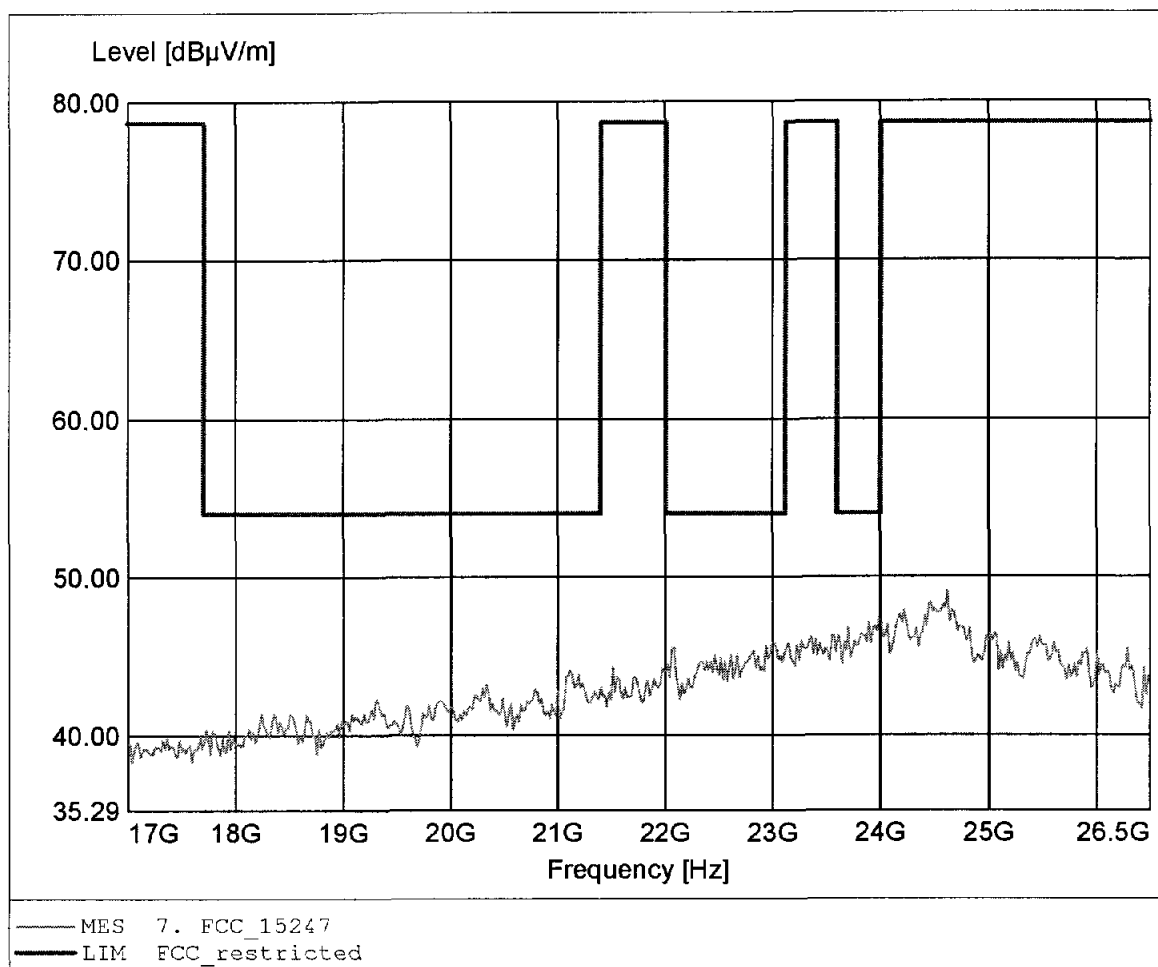
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.558GHz, Emax: 48.38dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2480 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.615GHz, Emax: 49.07dBuV/m, RBW: 1MHz



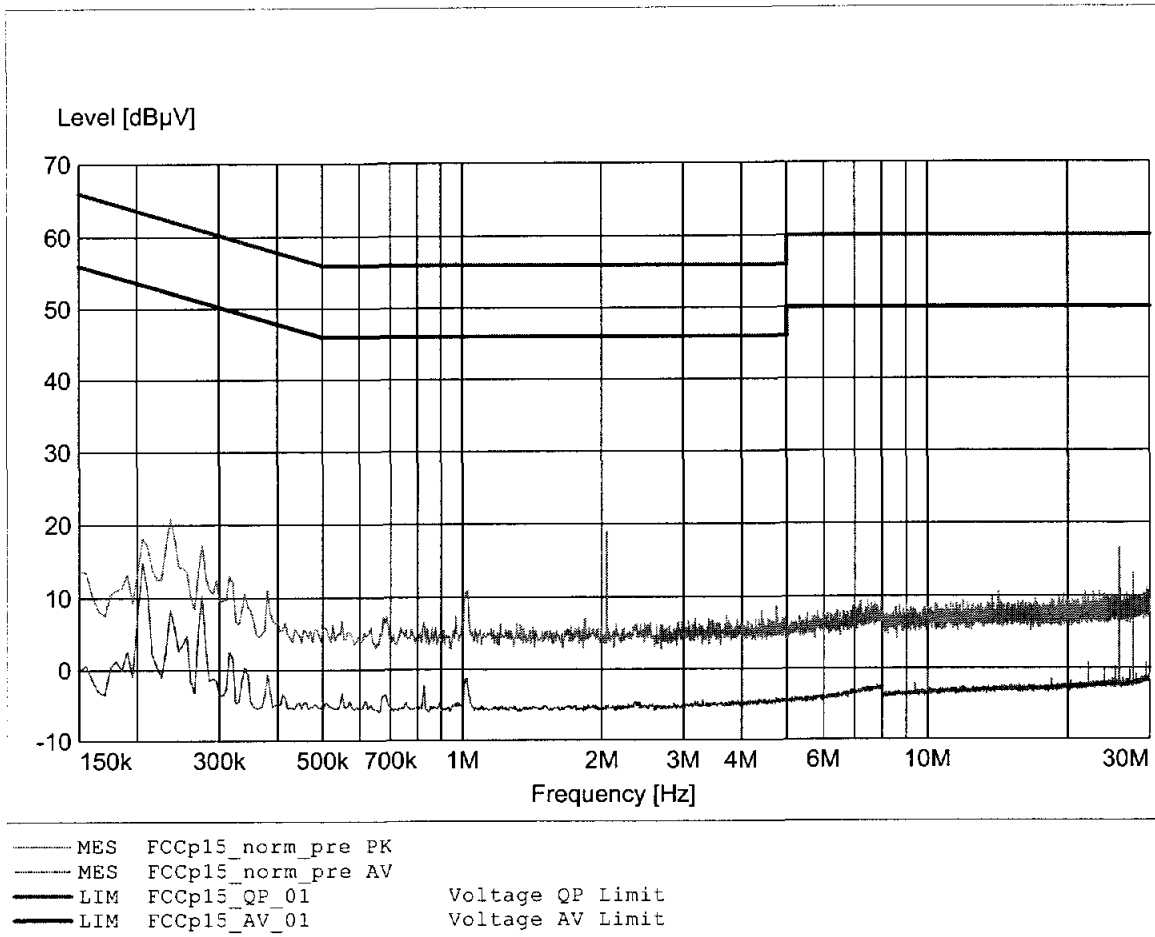
Appendix H

AC power line conducted emissions

EMI voltage test in the ac-mains according

to FCC part 15

EUT: ZigBee Module
Manufacturer: Panasonic Electronic Device Europe GmbH
Operating Condition: Unom: 120VAC(AC/DC-adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1/N)
Comment: model: PAN4555



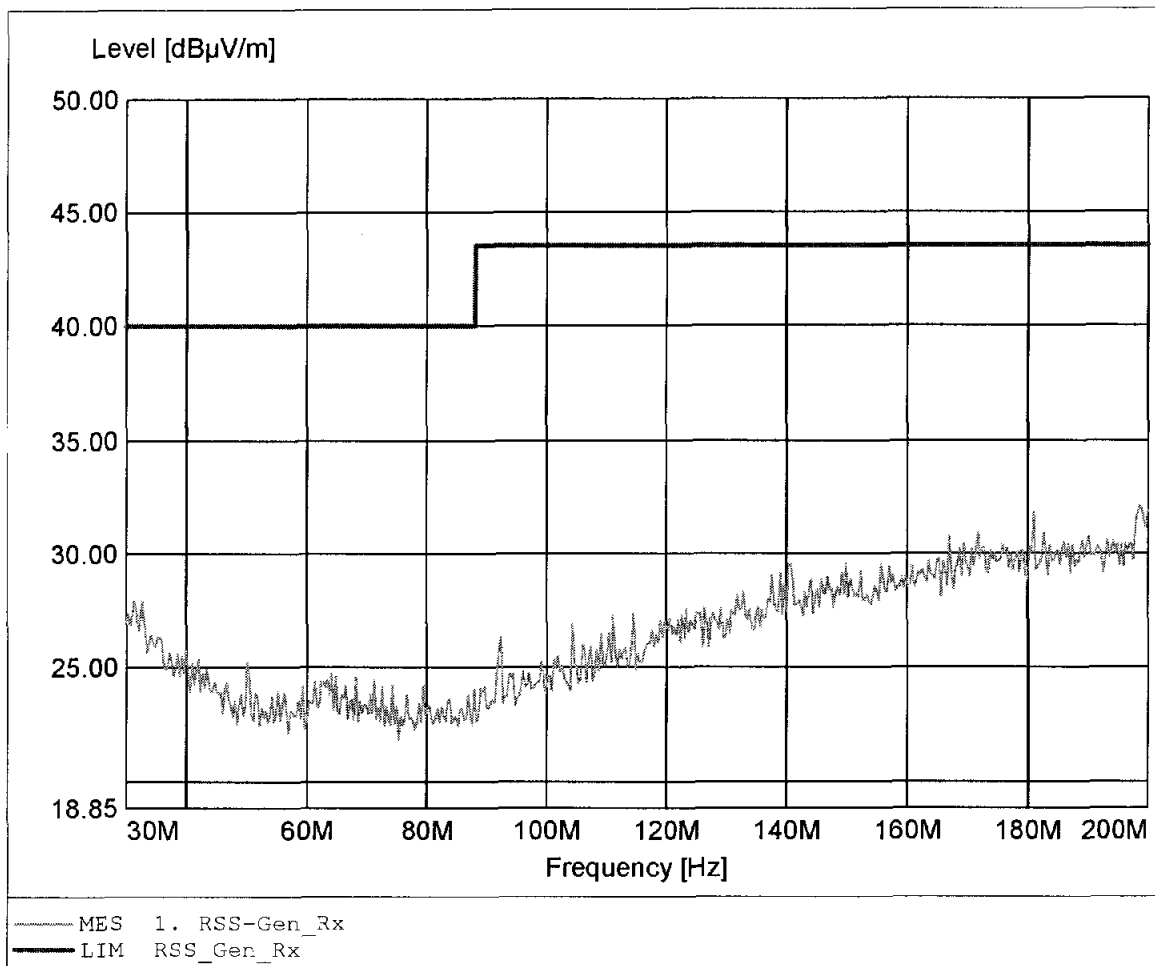
Appendix I

Receiver radiated emisissions

Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

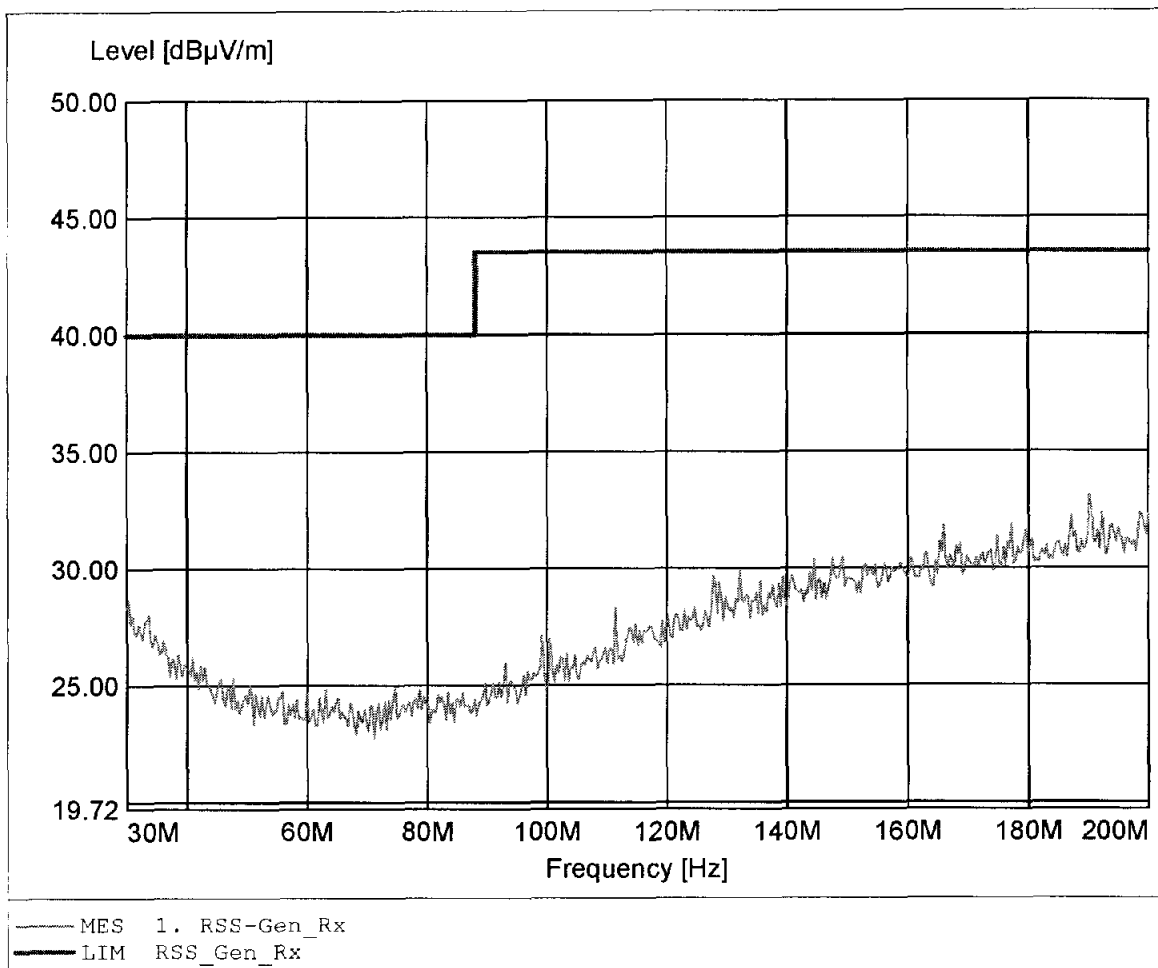
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:198.637MHz Emax:32.12dBμV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

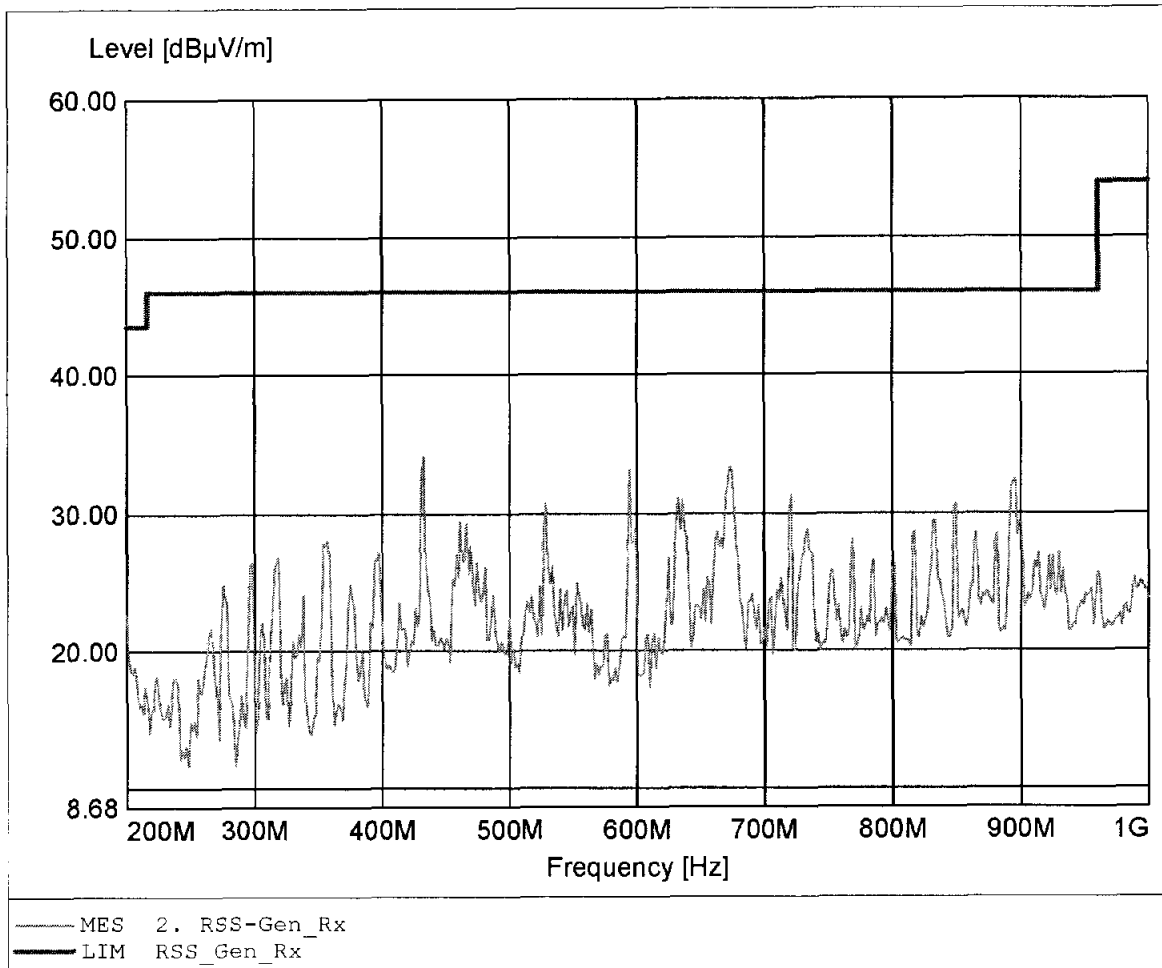
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:190.120MHz Emax:33.13dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

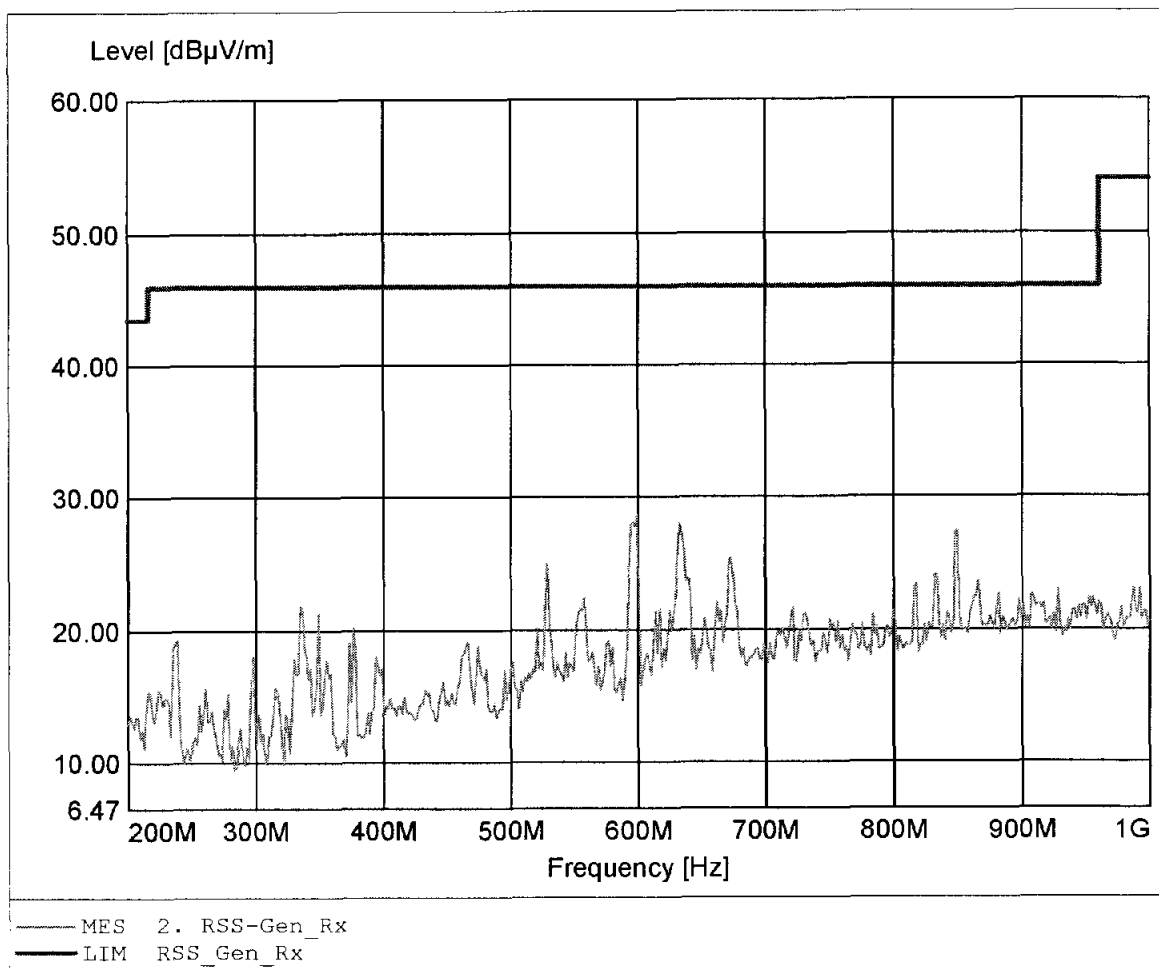
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:432.465MHz Emax:34.11dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

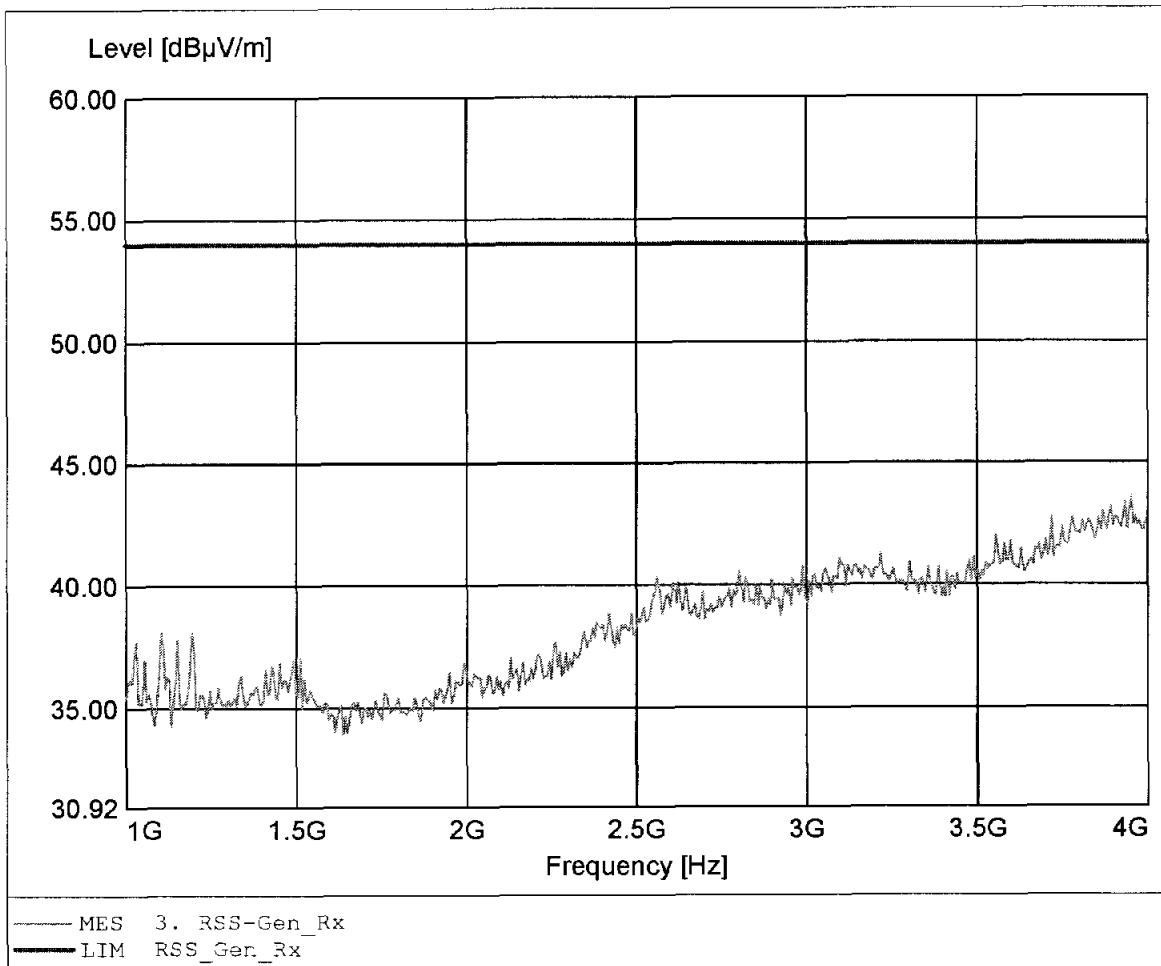
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:599.198MHz Emax:28.60dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

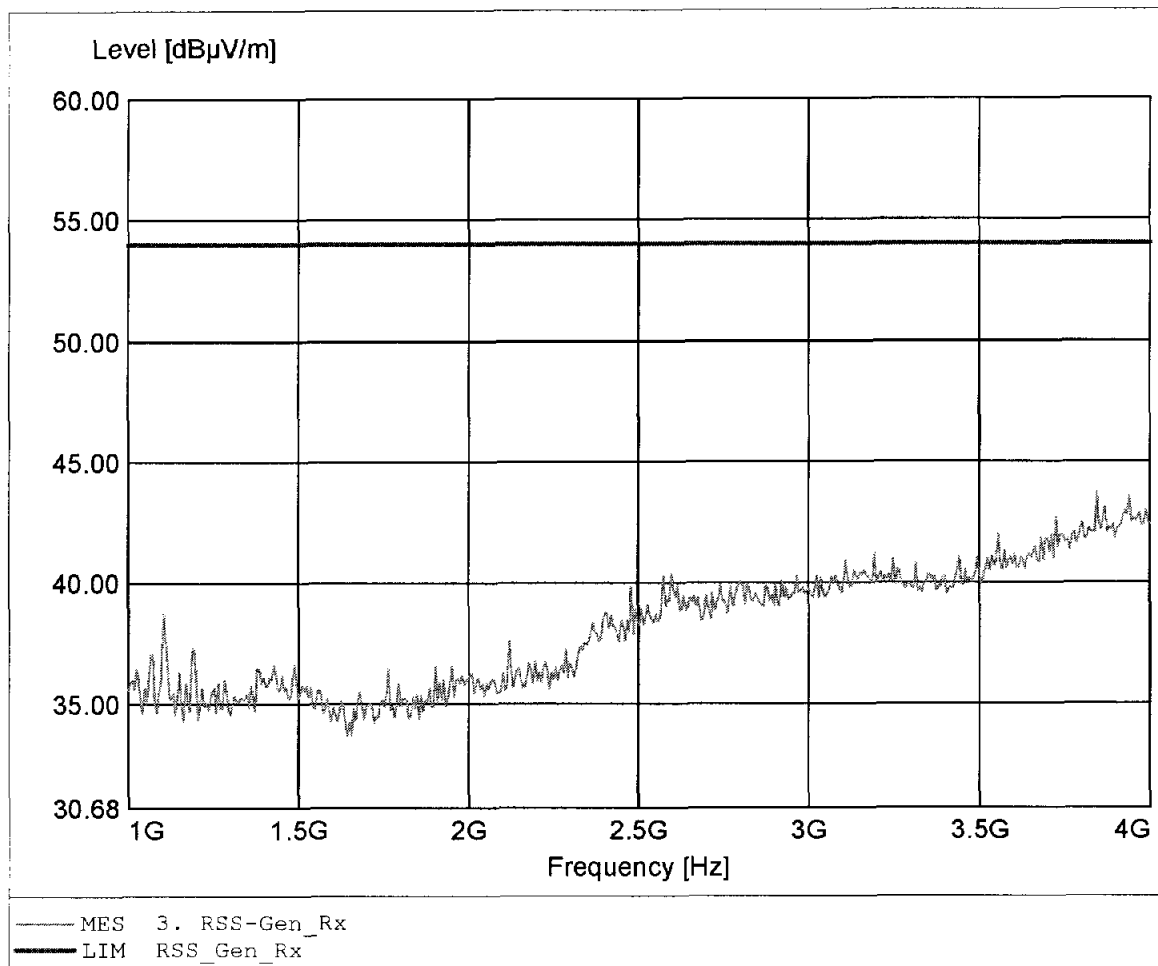
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.952GHz Emax:43.59dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

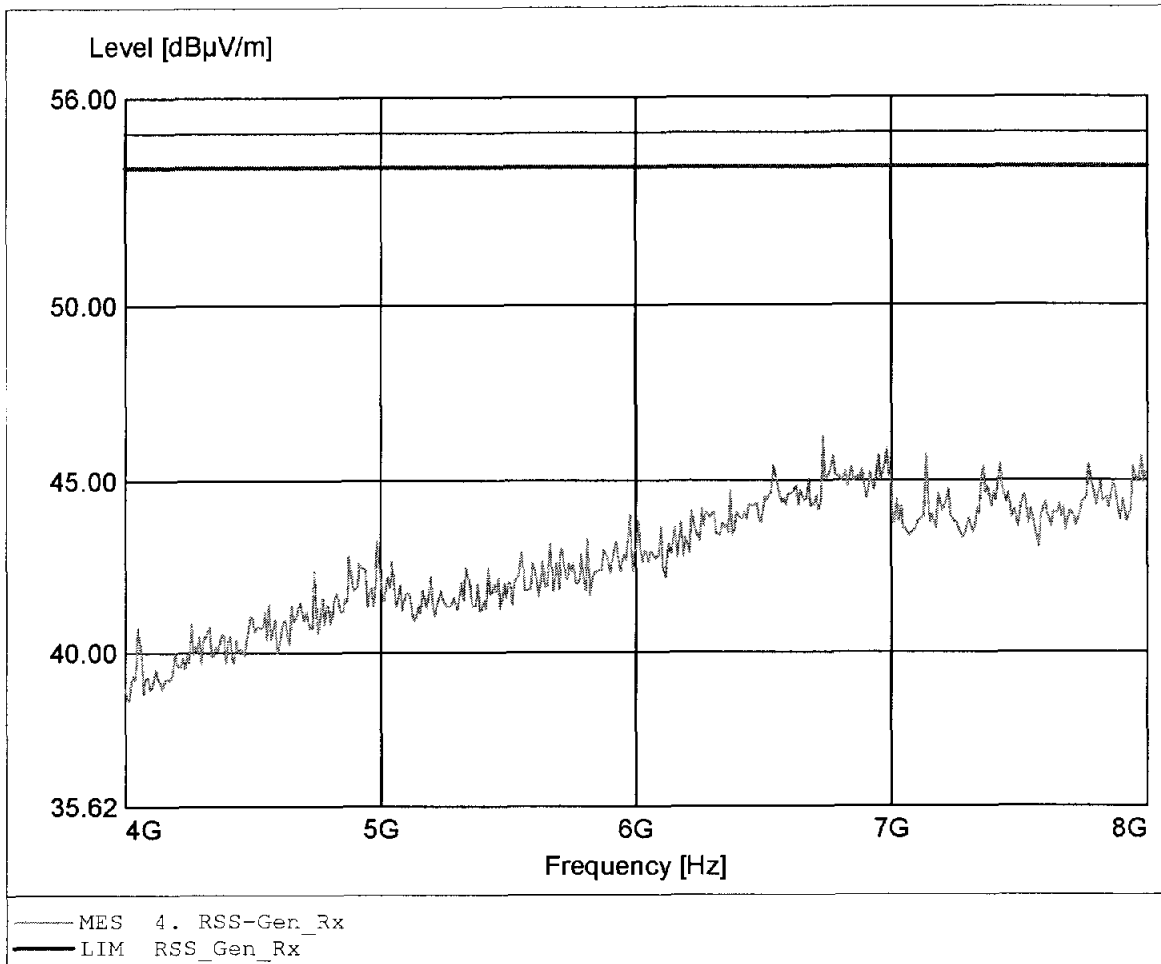
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.844GHz Emax:43.70dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

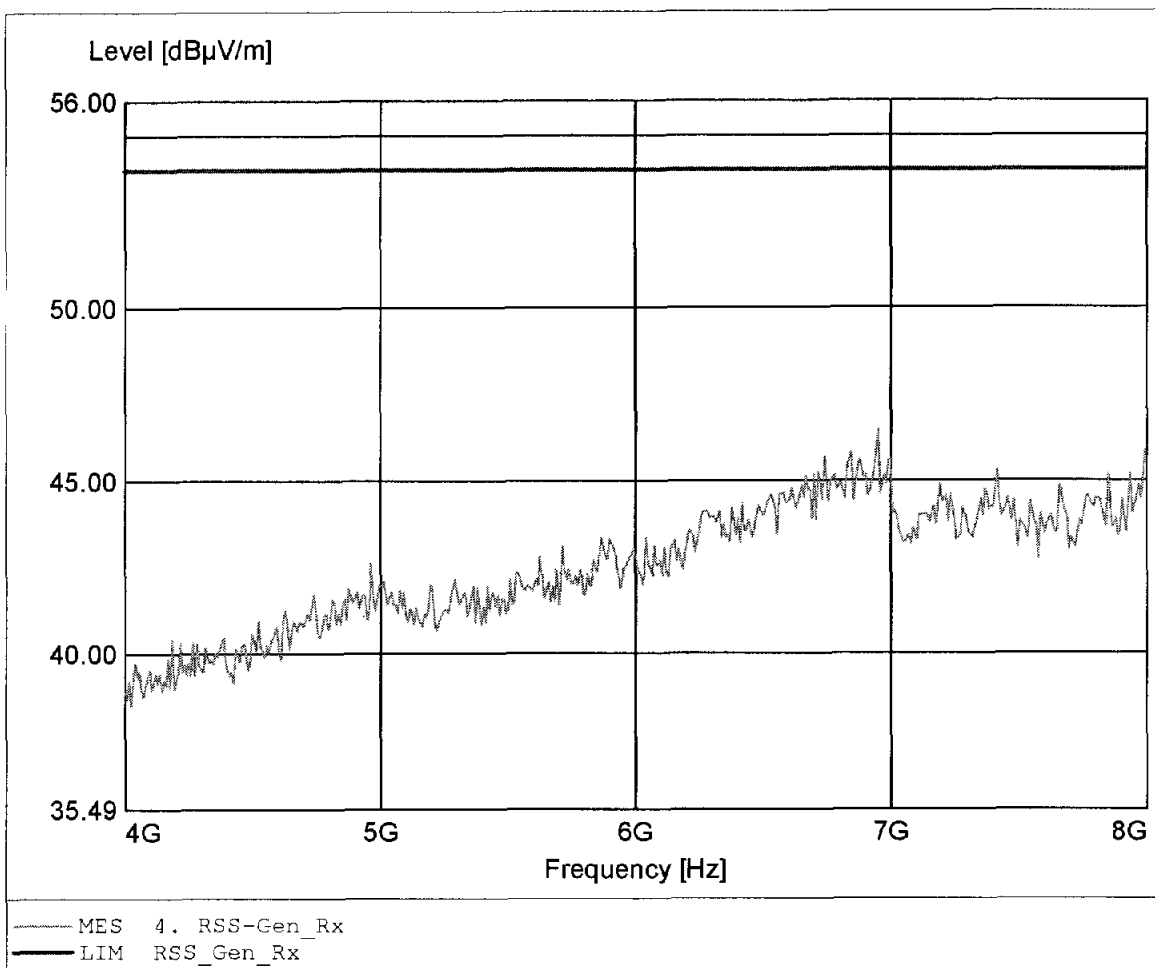
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:6.733GHz Emax:46.25dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

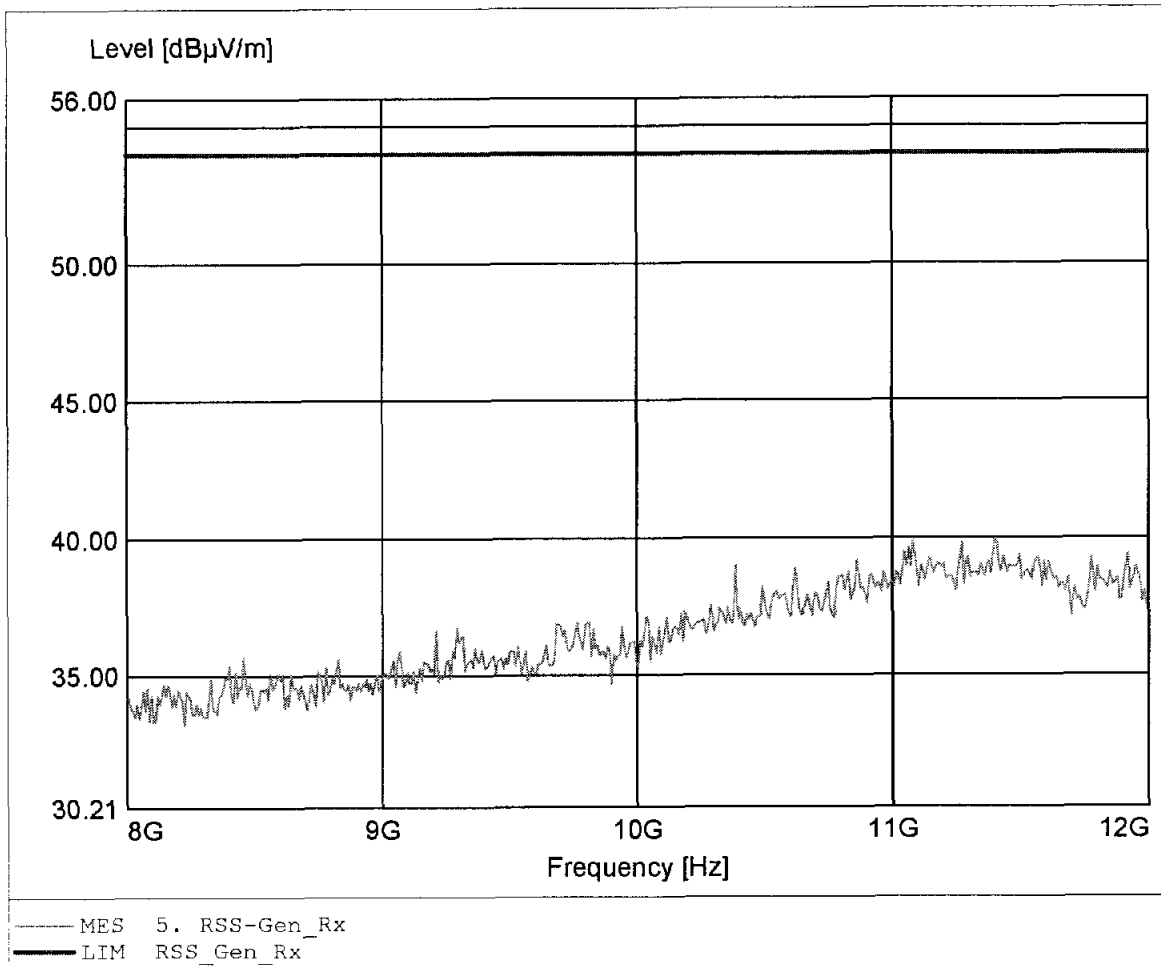
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:6.950GHz Emax:46.48dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

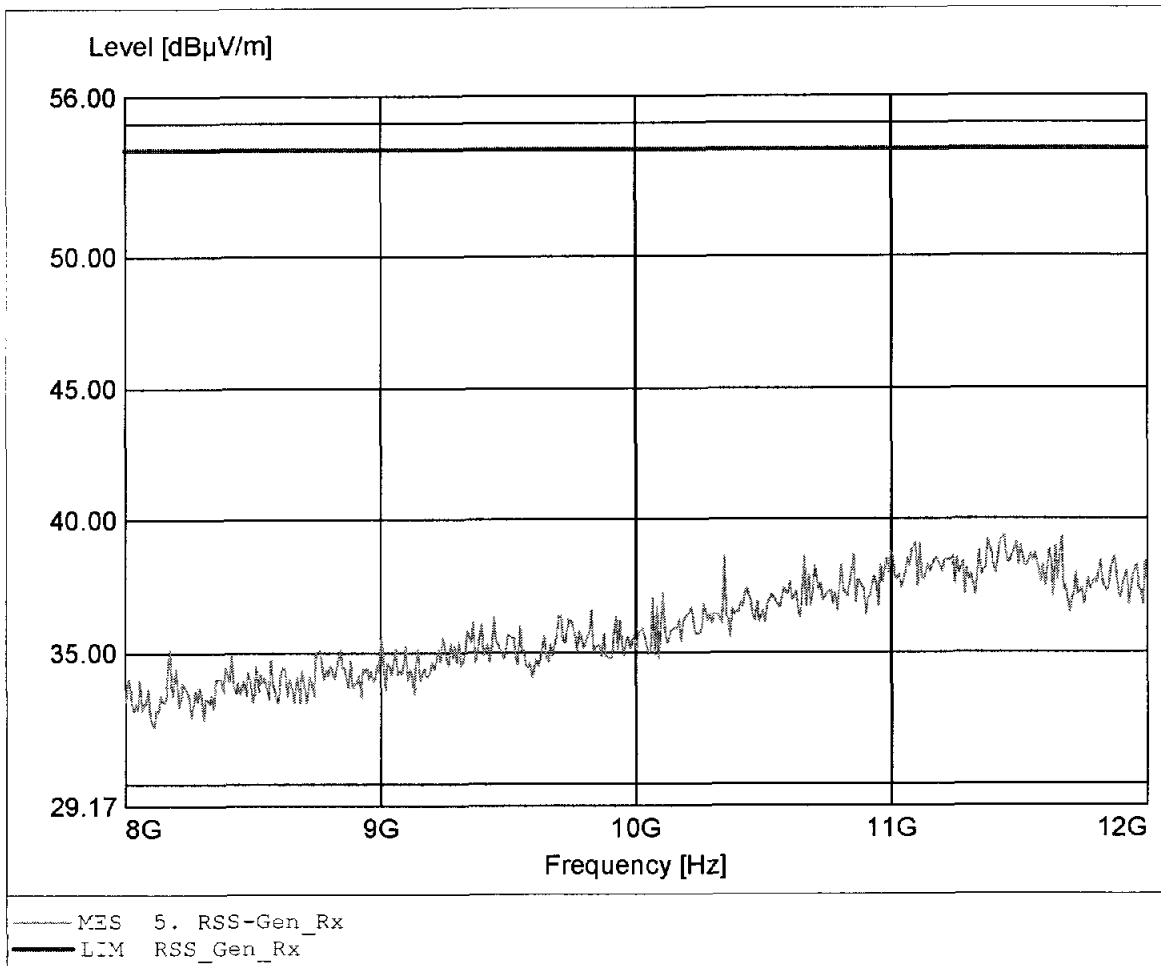
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.399GHz Emax:39.98dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

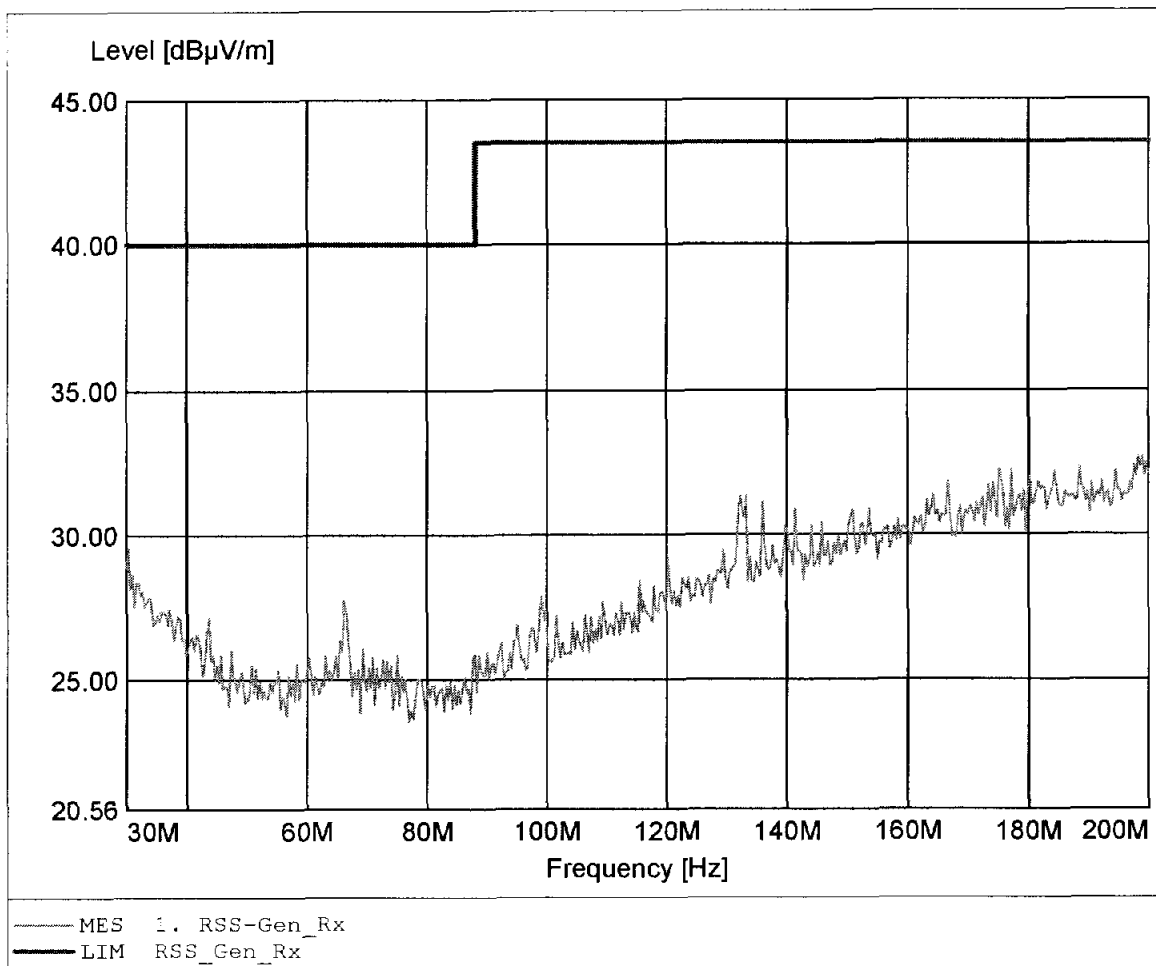
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.439GHz Emax:39.37dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

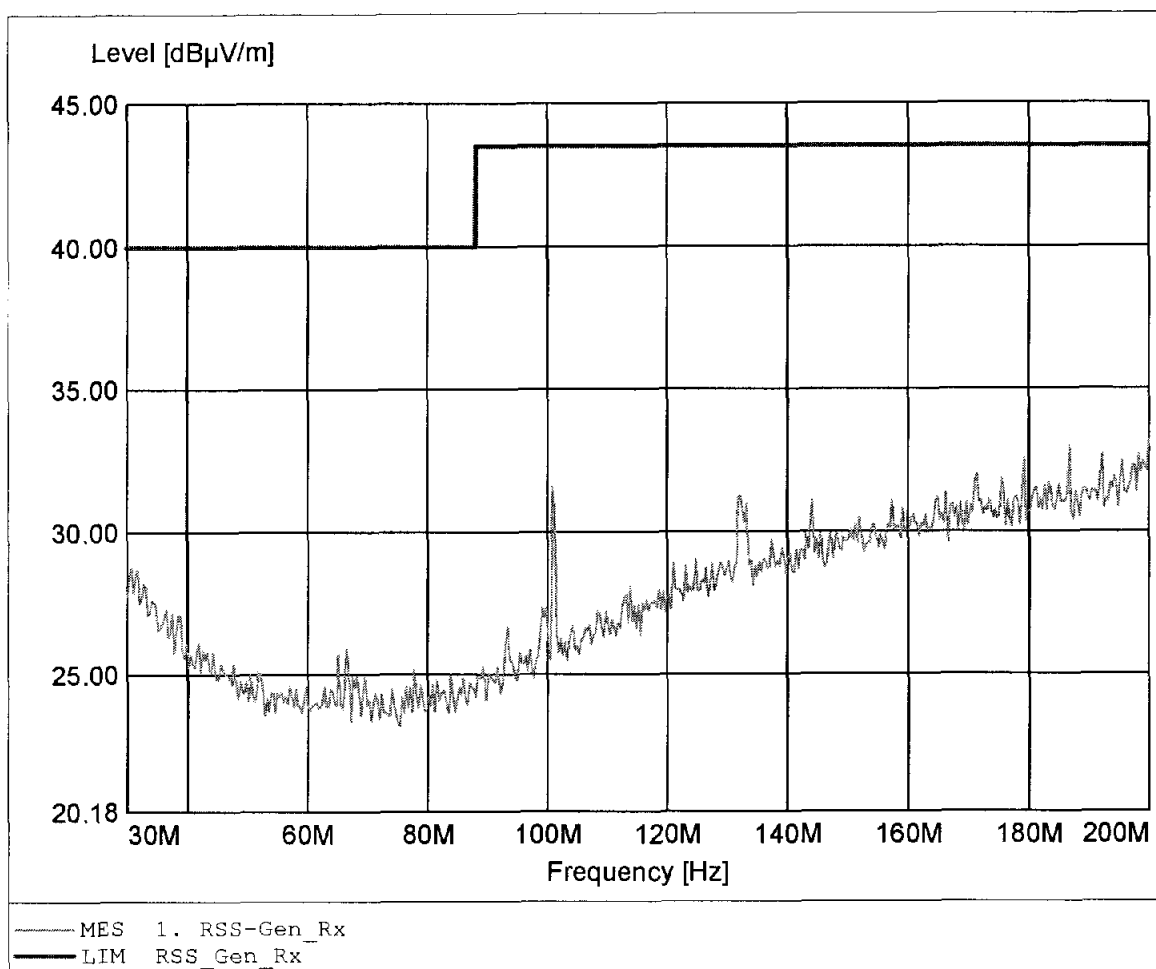
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:198.978MHz Emax:32.69dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

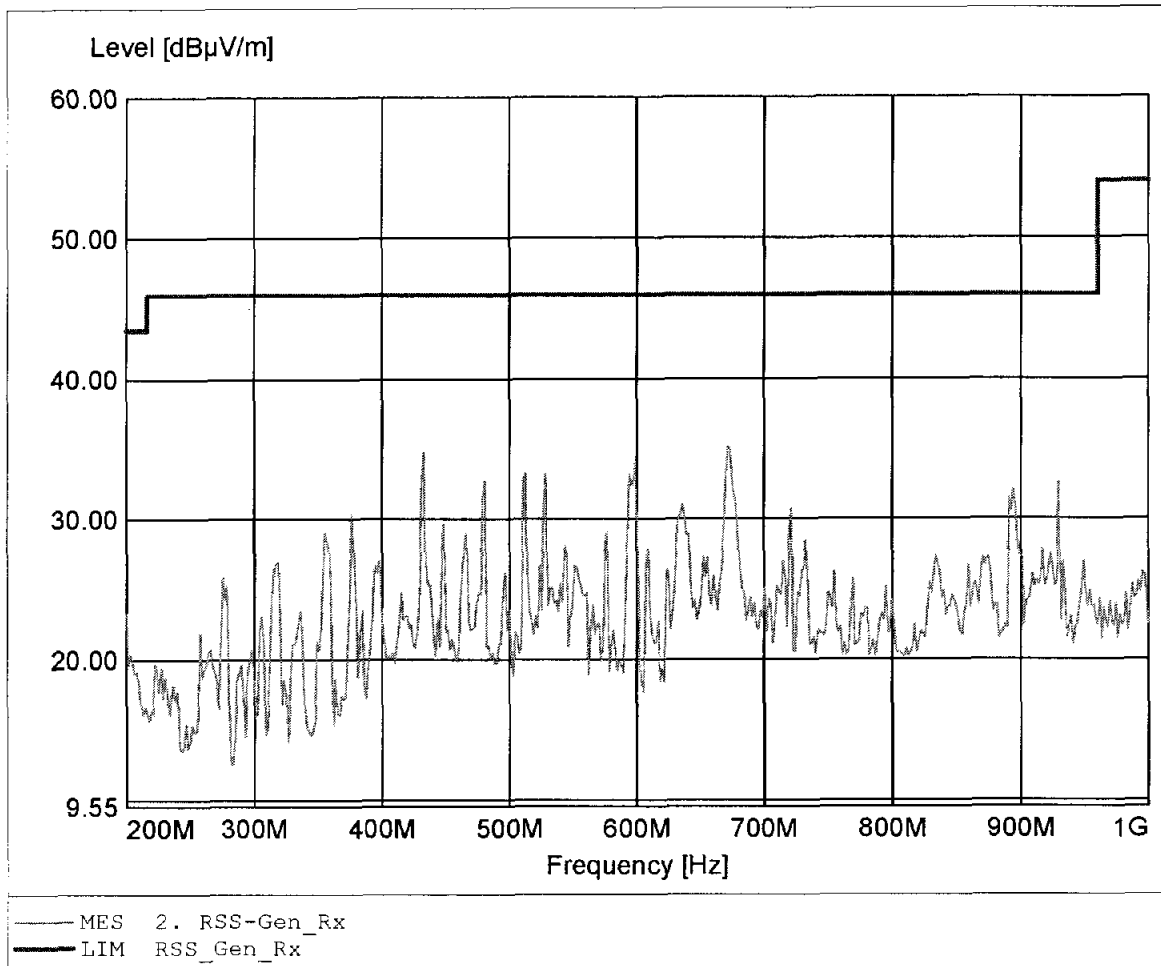
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:200.000MHz Emax:33.18dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

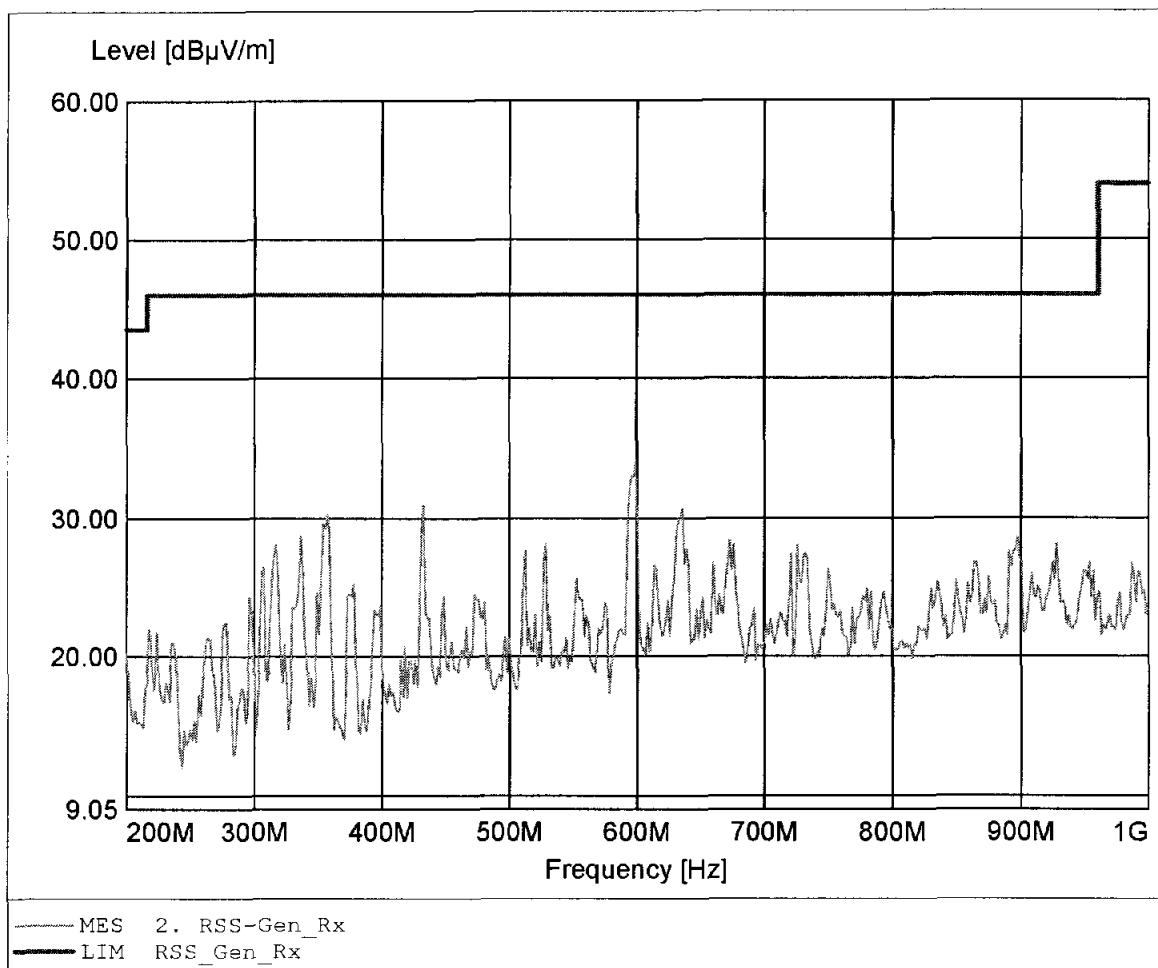
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:671.343MHz Emax:35.12dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

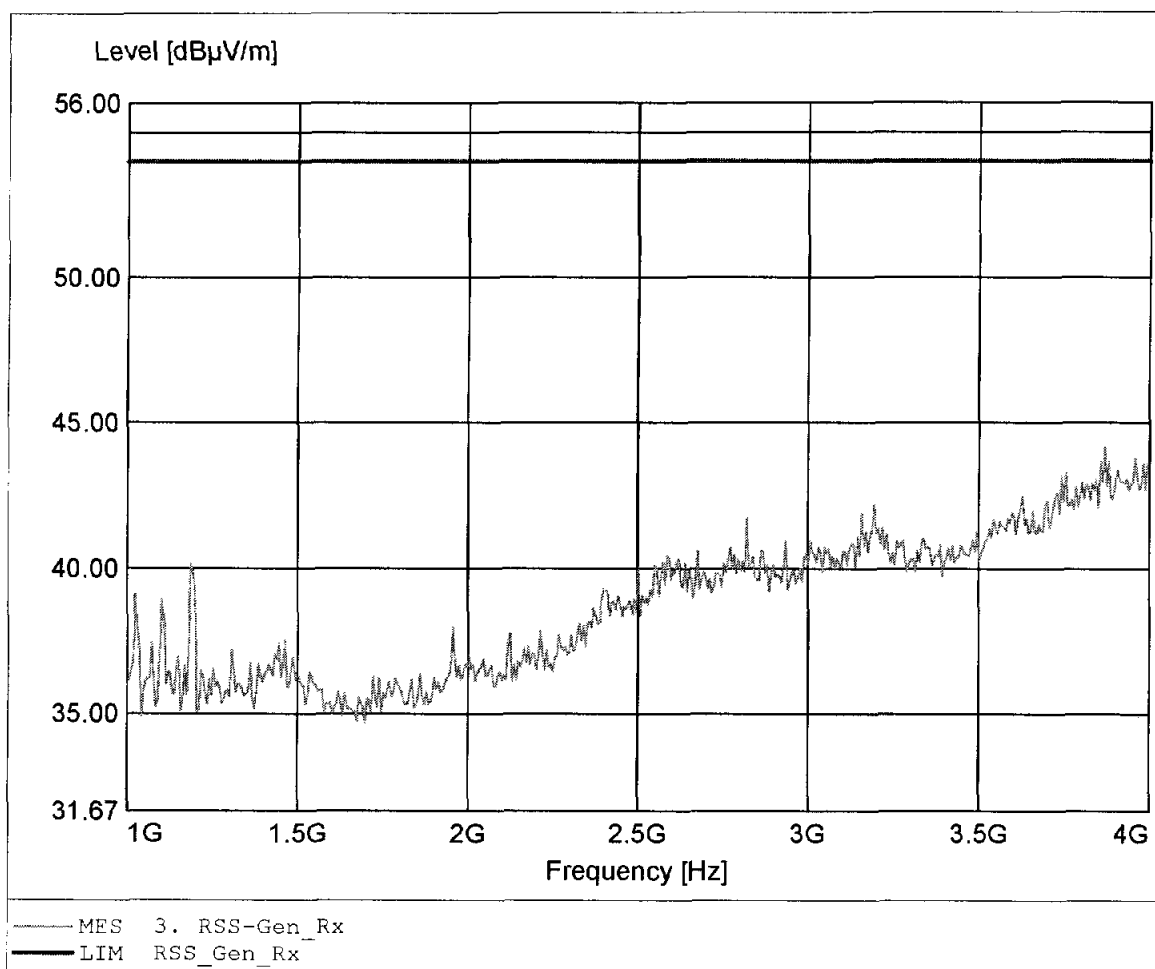
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:599.198MHz Emax:34.22dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

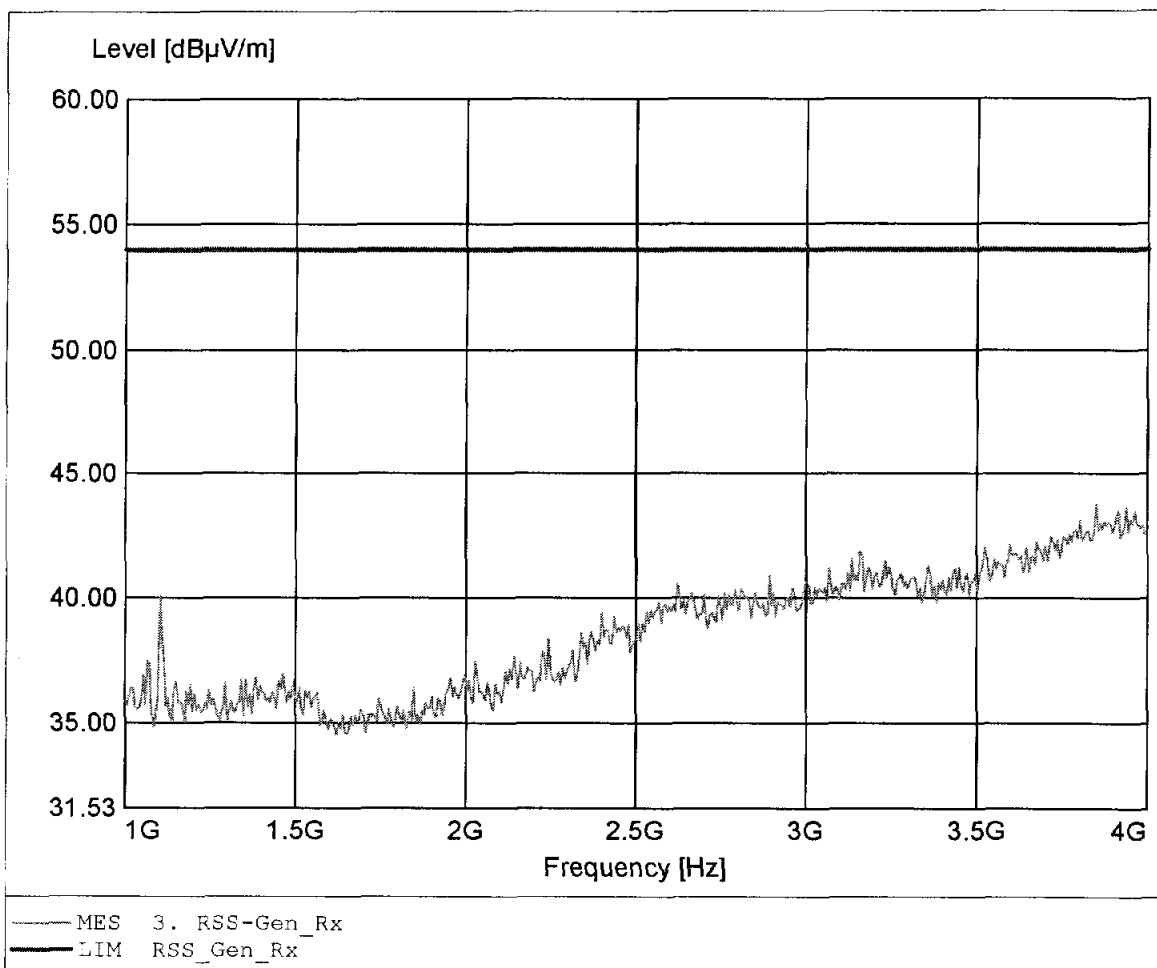
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.868GHz Emax:44.16dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

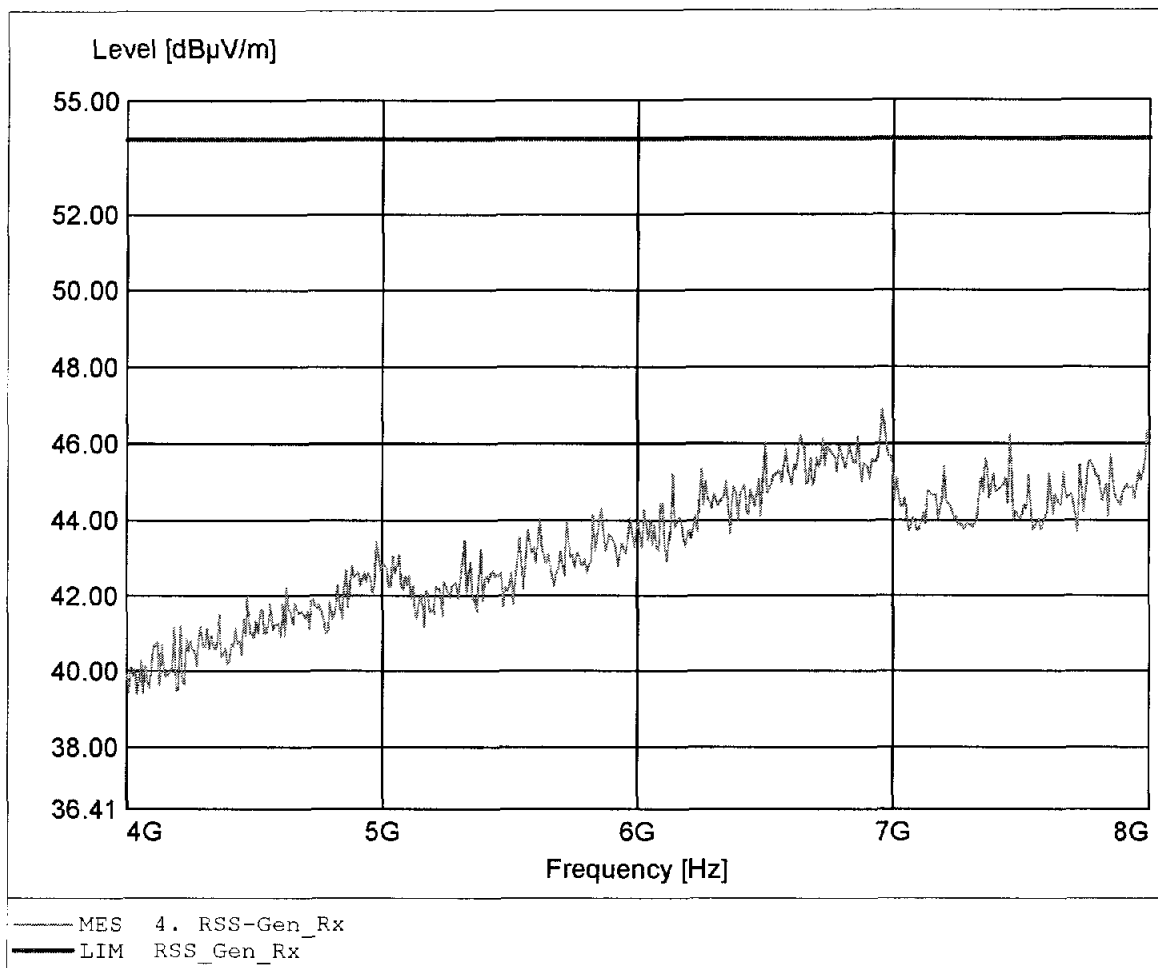
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.850GHz Emax:43.75dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

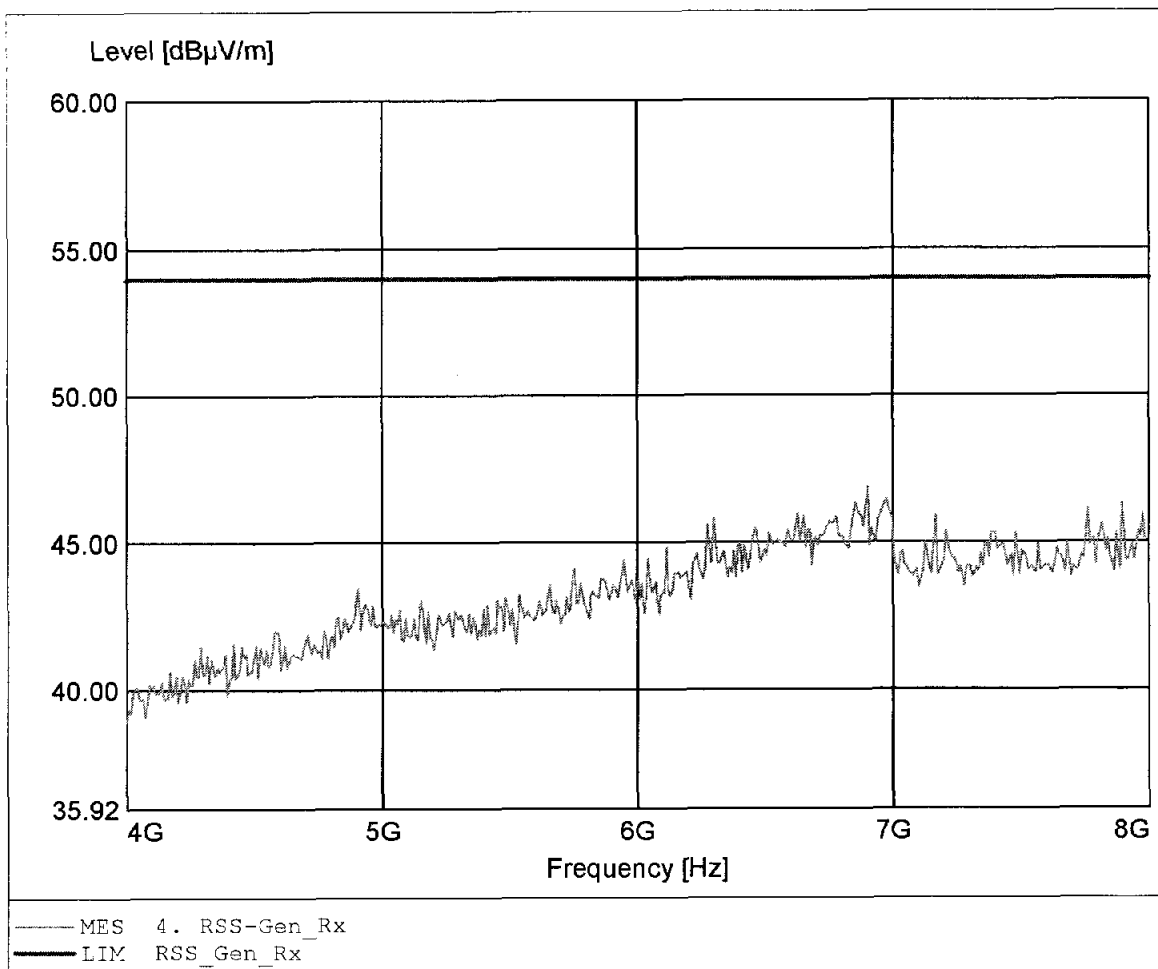
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:6.958GHz Emax:46.91dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

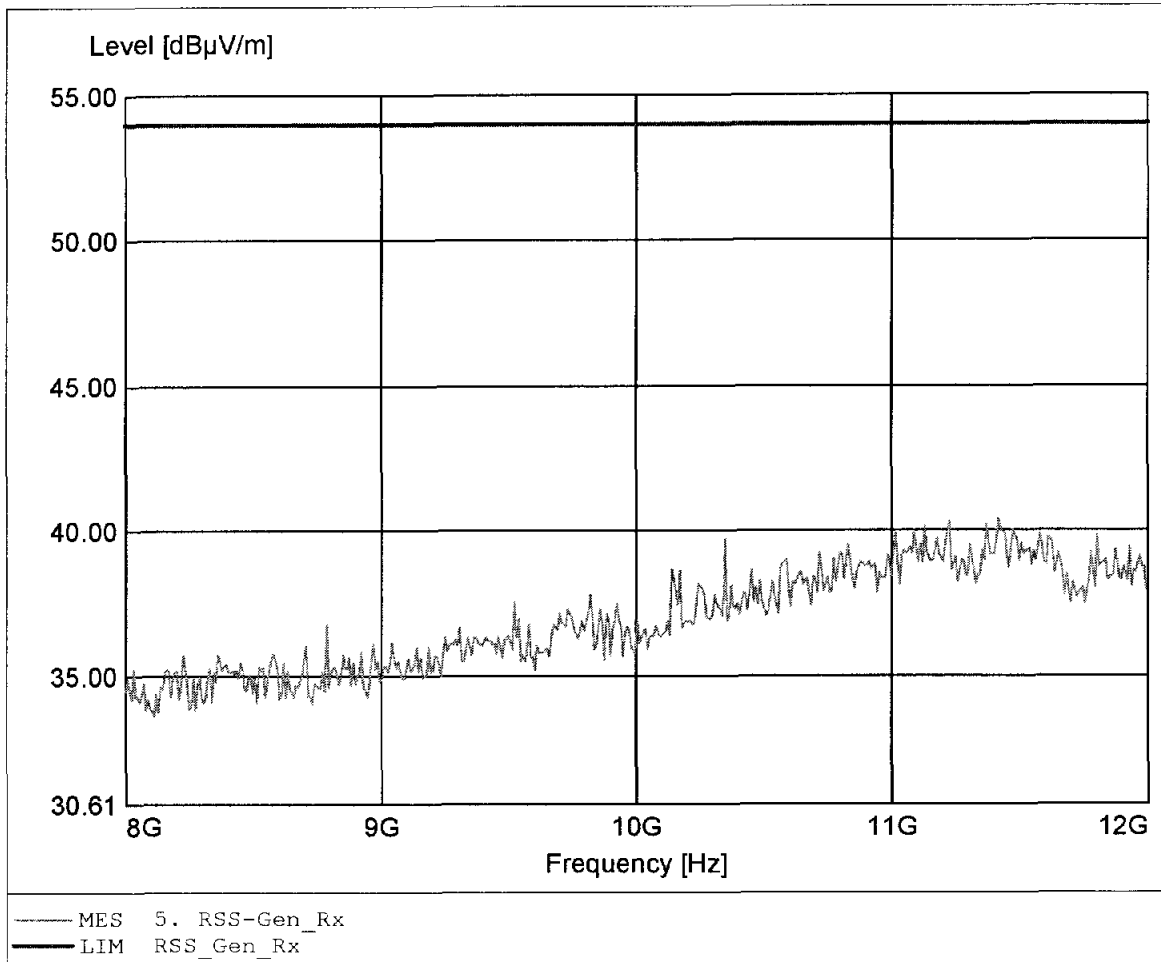
Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:6.902GHz Emax:46.86dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.415GHz Emax:40.41dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee Module
Model: PAN4555 / Freq.: 2440 MHz
Test Site / Operator: ETS / Mr. Meng
Test Condition: 25°C / Unom: 2.7 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.415GHz Emax:40.23dBuV/m RBW: 1 MHz

