




Appendix B

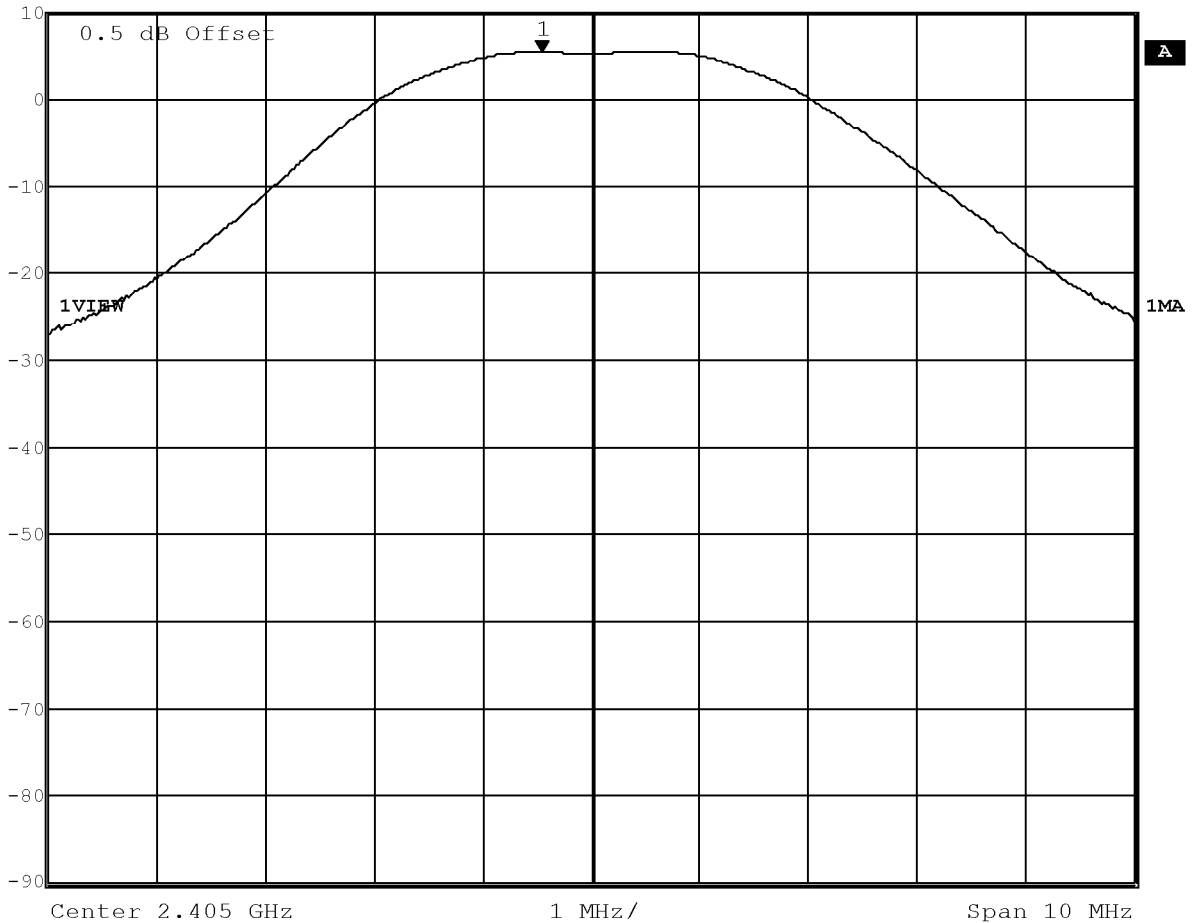
Peak Output Power

FCC Part 15.247

Output power conducted

| | |
|-----------------------|--|
| EUT | ZigBee - Module |
| Model | ENWC9A02A3E (PAN4570) / PAN4570-2 |
| Approval Holder | Panasonic Electronic Devices Europe GmbH |
| Temperature / Voltage | 23°C / Unom.: 6 x 1.5 V DC (battery) |
| Test Site / Operator | ETS / Mr. Schlaps |
| Test Specification | FCC Part 15.247 (b) Power Output |
| Comment 1 | Channel: 2405 |
| Comment 2 | |

| | | | | | |
|---|---------------|----------------|-------|--------|----------|
|  | Marker 1 [T1] | RBW | 2 MHz | RF Att | 30 dB |
| | Ref Lvl | 5.39 dBm | VBW | 2 MHz | |
| | 10 dBm | 2.40454910 GHz | SWT | 5 ms | Unit dBm |




Date: 10.JUL.2006 15:07:09

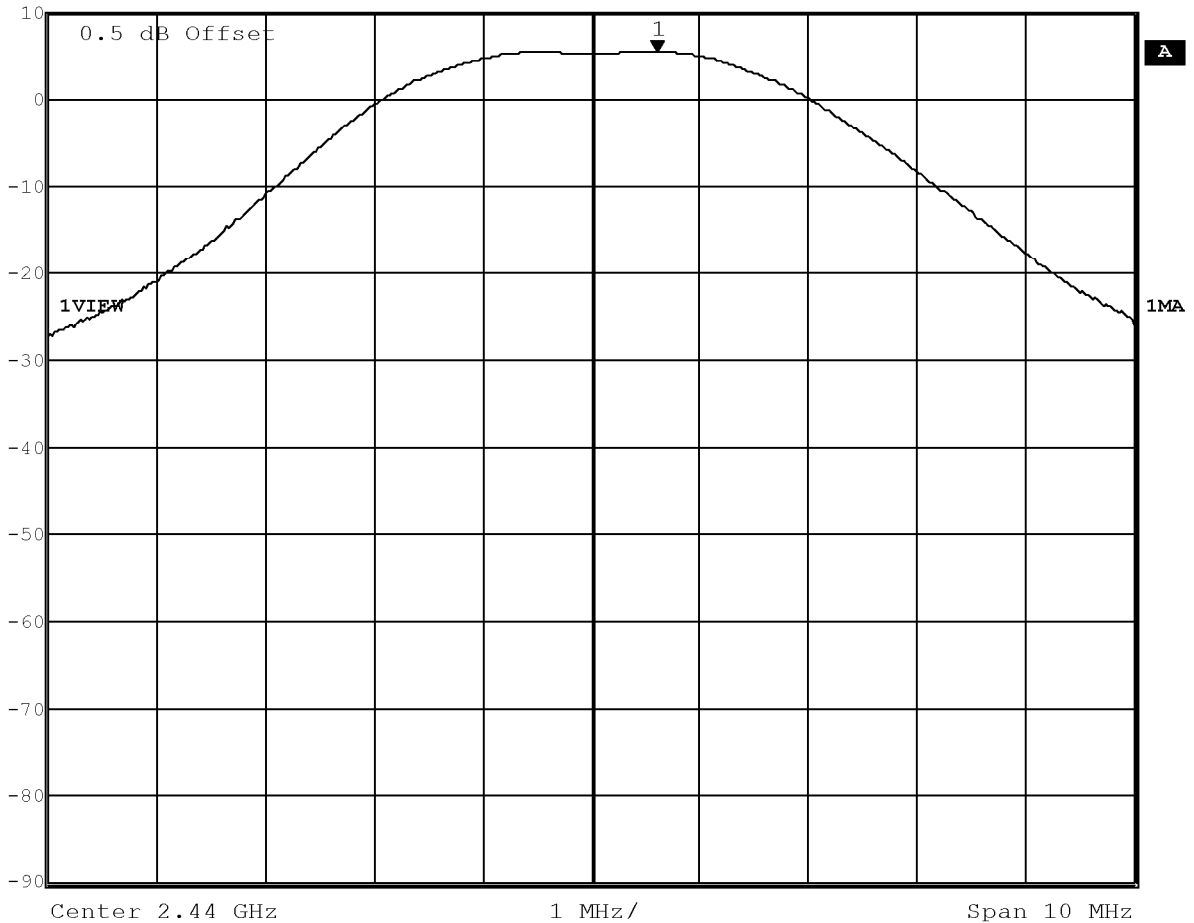
Measurement diagram

FCC Part 15.247

Output power conducted

| | |
|-----------------------|--|
| EUT | ZigBee - Module |
| Model | ENWC9A02A3E (PAN4570) / PAN4570-2 |
| Approval Holder | Panasonic Electronic Devices Europe GmbH |
| Temperature / Voltage | 23°C / Unom.: 6 x 1.5 V DC (battery) |
| Test Site / Operator | ETS / Mr. Schlaps |
| Test Specification | FCC Part 15.247 (b) Power Output |
| Comment 1 | Channel: 2440 |
| Comment 2 | |

| | | | | | |
|---|---------------|----------------|-------|--------|----------|
|  | Marker 1 [T1] | RBW | 2 MHz | RF Att | 30 dB |
| | Ref Lvl | 5.36 dBm | VBW | 2 MHz | |
| | 10 dBm | 2.44061122 GHz | SWT | 5 ms | Unit dBm |




Date: 10.JUL.2006 15:08:29

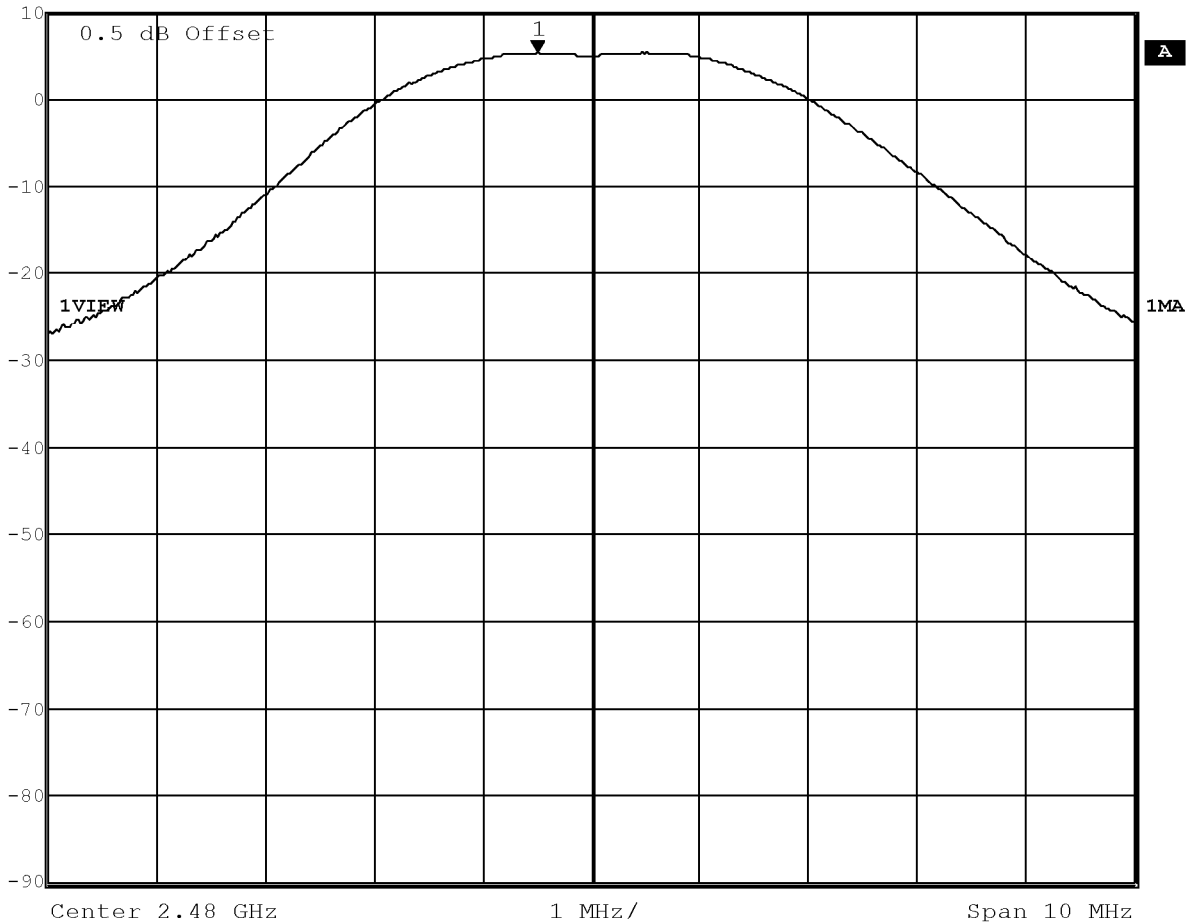
Measurement diagram

FCC Part 15.247

Output power conducted

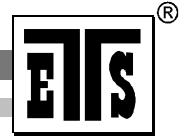
| | |
|-----------------------|--|
| EUT | ZigBee - Module |
| Model | ENWC9A02A3E (PAN4570) / PAN4570-2 |
| Approval Holder | Panasonic Electronic Devices Europe GmbH |
| Temperature / Voltage | 23°C / Unom.: 6 x 1.5 V DC (battery) |
| Test Site / Operator | ETS / Mr. Schlaps |
| Test Specification | FCC Part 15.247 (b) Power Output |
| Comment 1 | Channel: 2480 |
| Comment 2 | |

| | | | | | |
|---|---------------|----------------|-------|--------|----------|
|  | Marker 1 [T1] | RBW | 2 MHz | RF Att | 30 dB |
| | Ref Lvl | 5.26 dBm | VBW | 2 MHz | |
| | 10 dBm | 2.47950902 GHz | SWT | 5 ms | Unit dBm |



Date: 10.JUL.2006 15:09:37

Measurement diagram

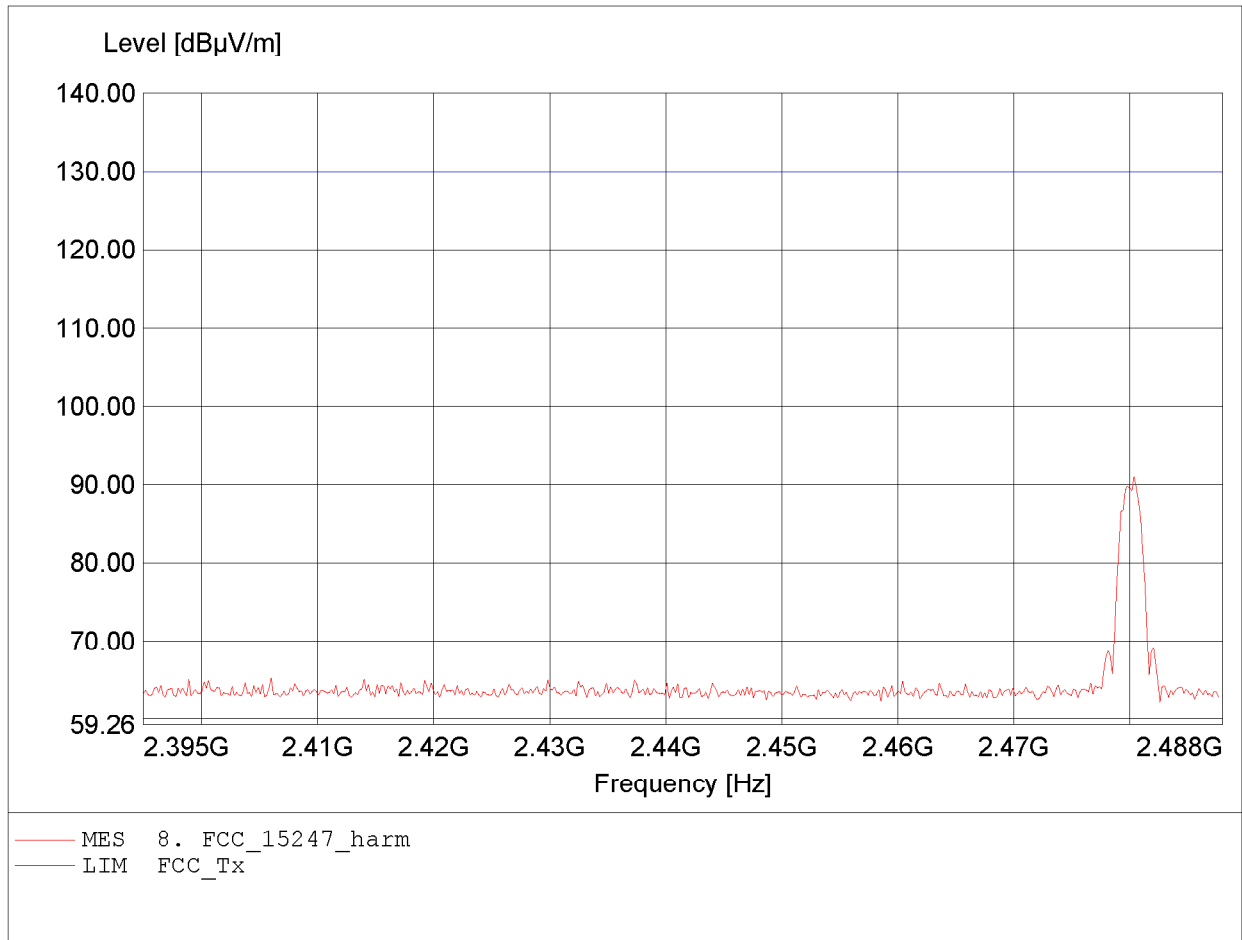


Appendix C

Spurious Emissions radiated - Transmitter operating

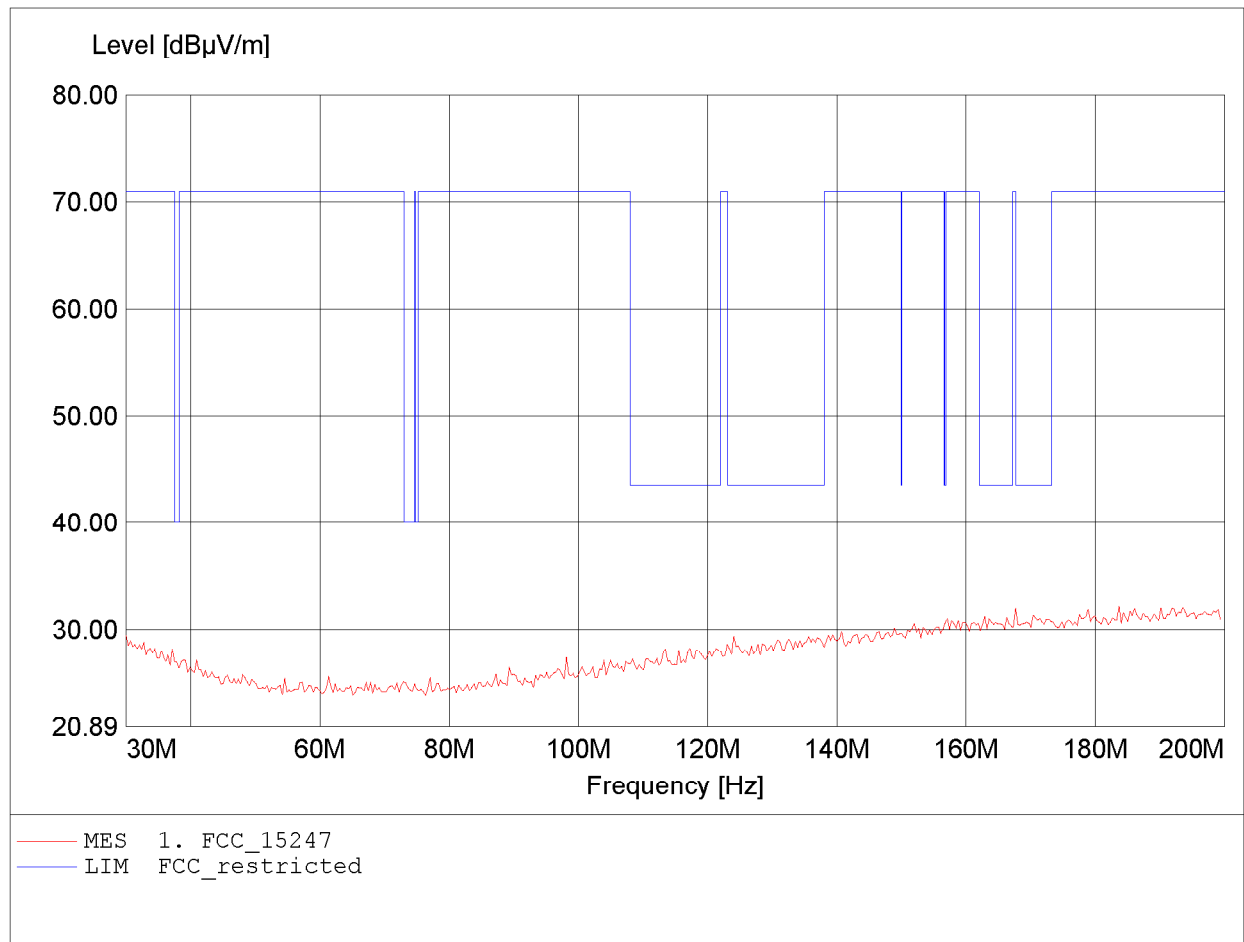
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 2.480GHz, Emax: 91.01dBµV/m, RBW: 100kHz



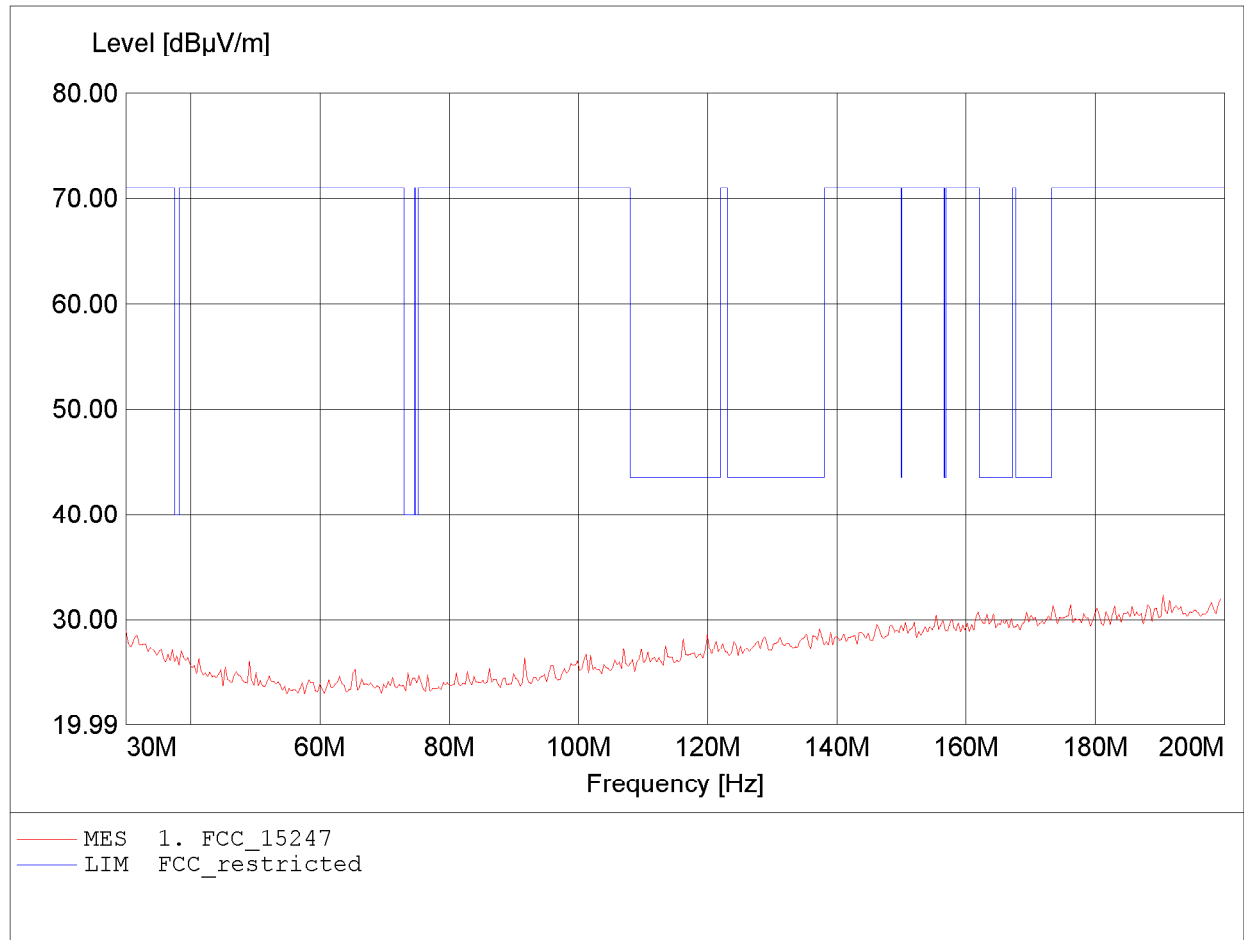
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 183.647MHz, Emax: 32.18dBµV/m, RBW: 100kHz



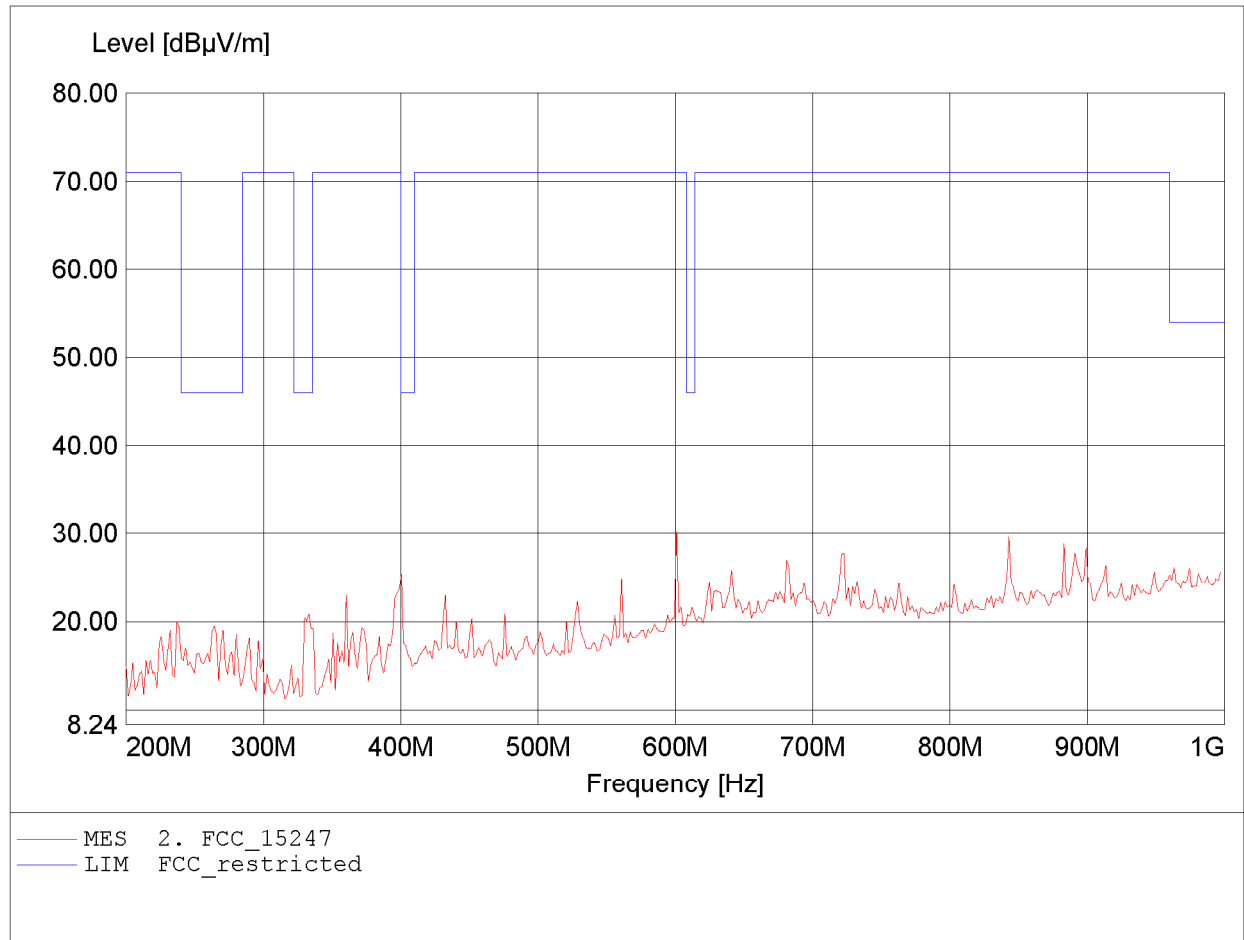
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 190.461MHz, Emax: 32.32dBµV/m, RBW: 100kHz



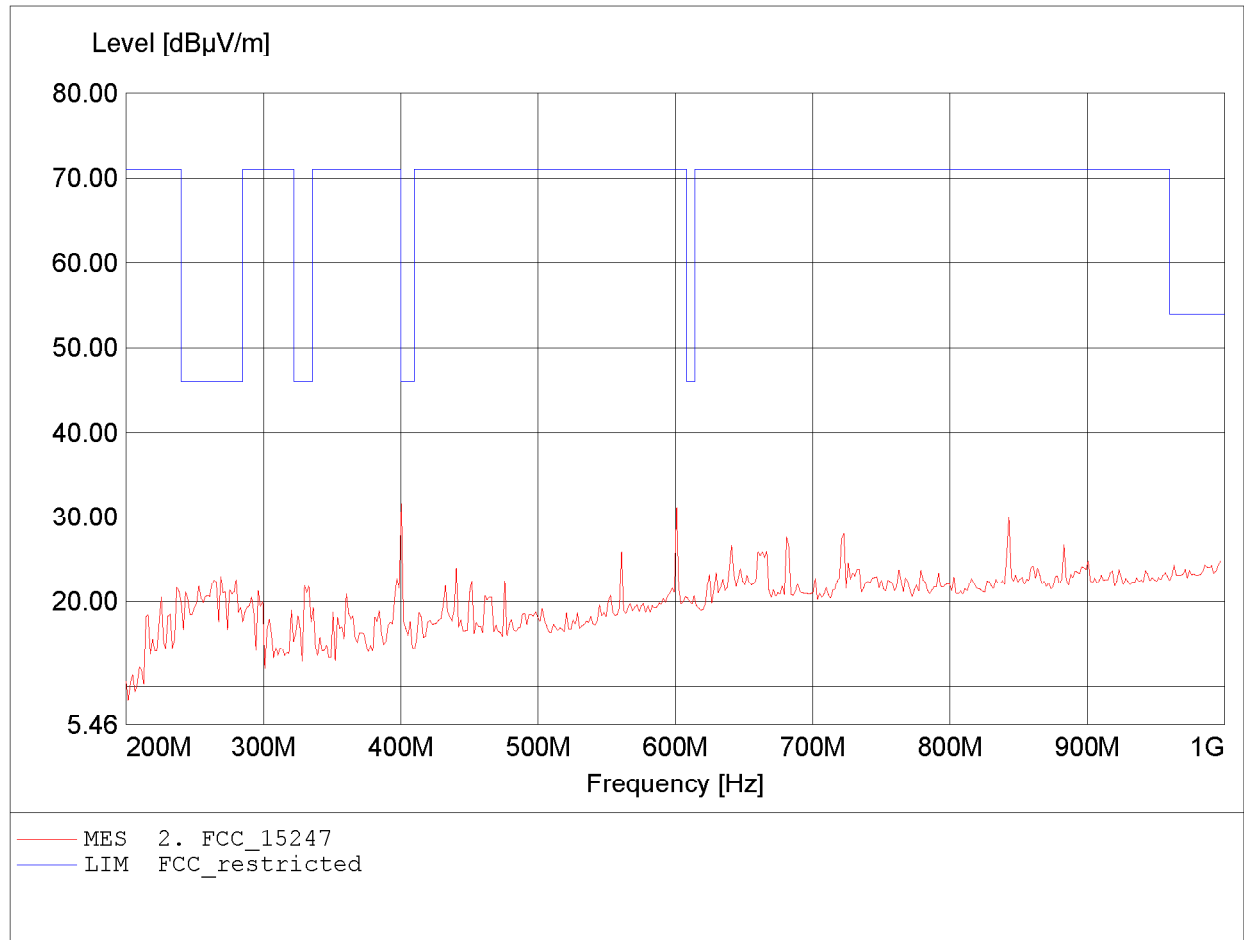
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 600.802MHz, Emax: 30.11dBµV/m, RBW: 100kHz



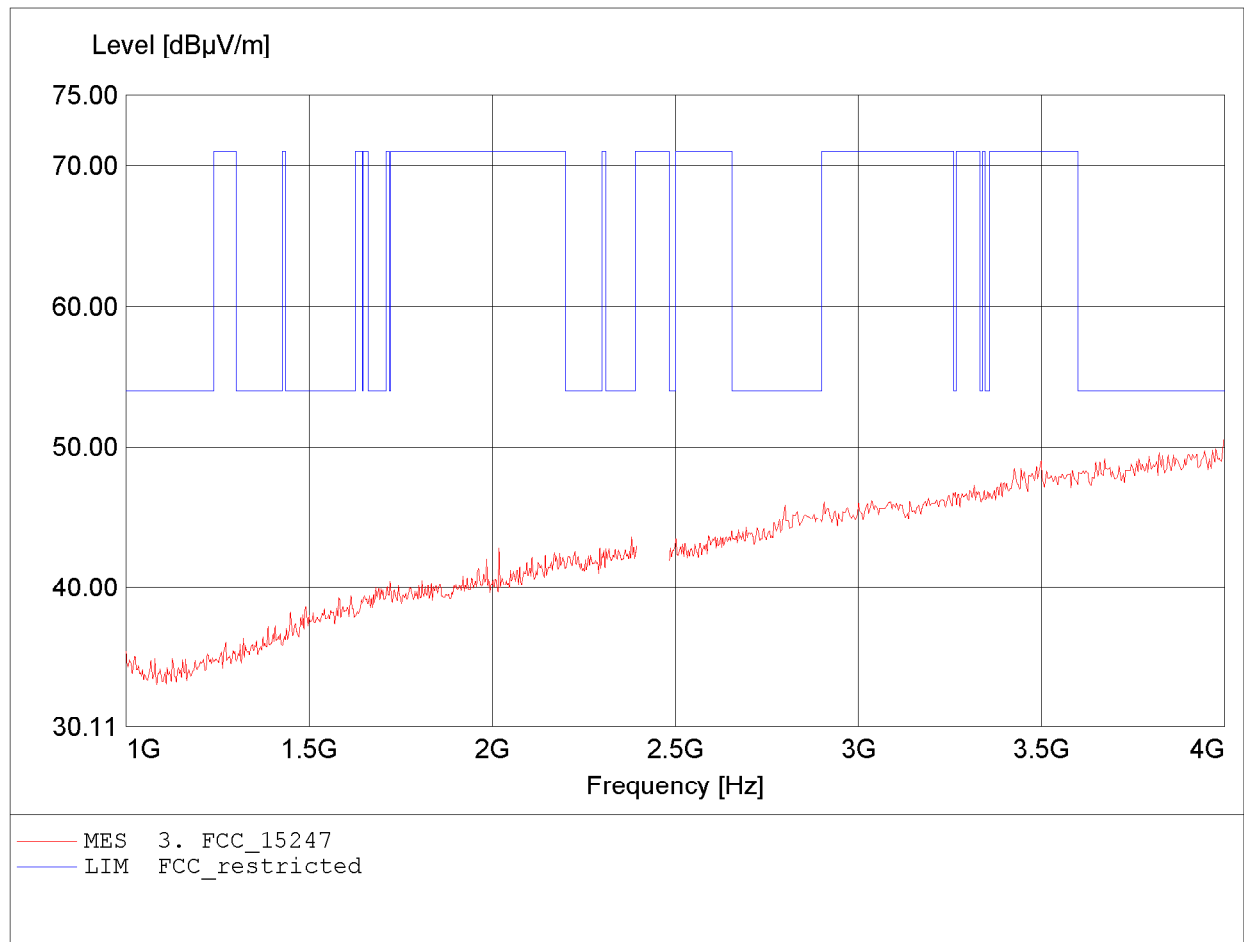
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 400.401MHz, Emax: 31.62dBµV/m, RBW: 100kHz



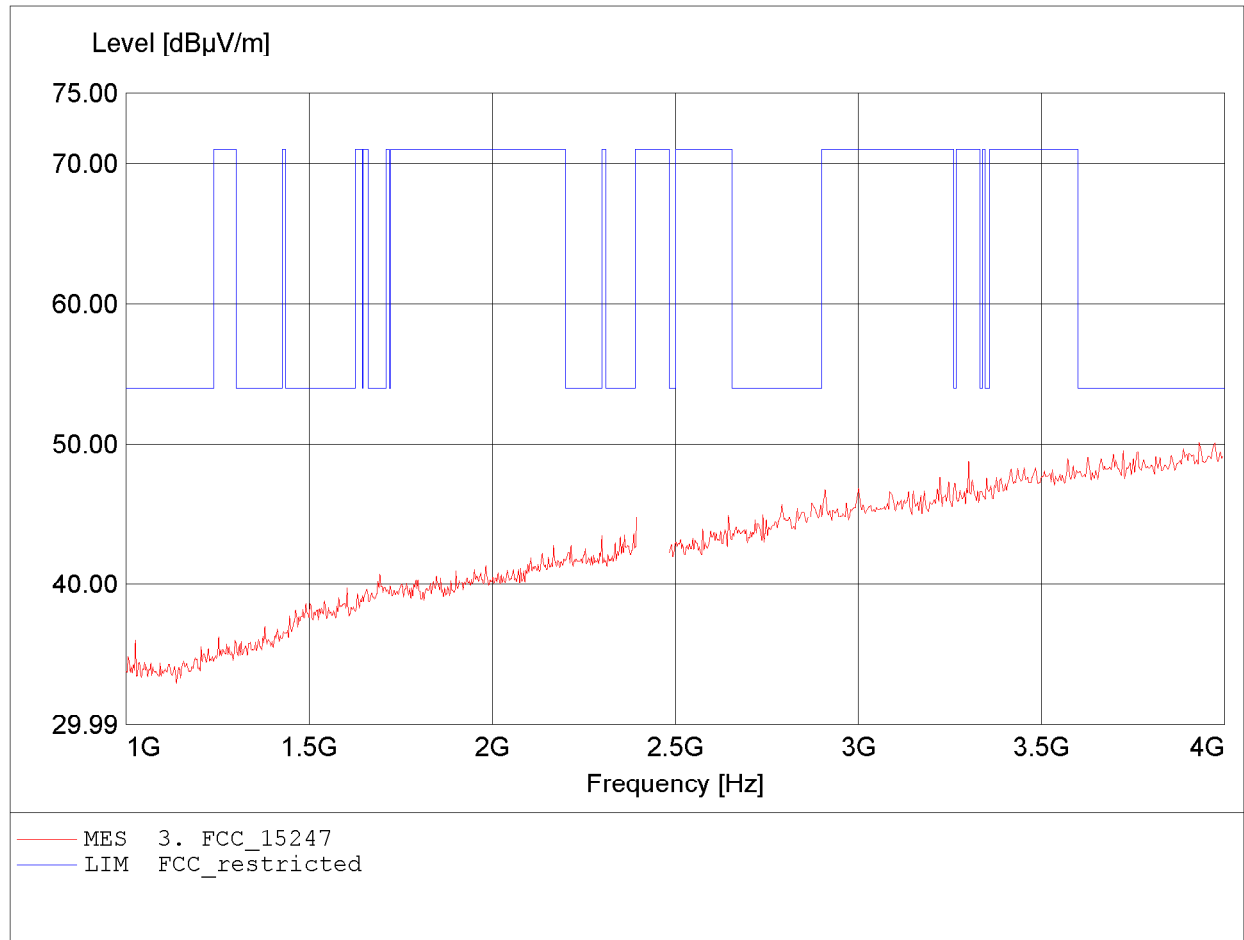
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.997GHz, Emax: 50.53dBµV/m, RBW: 1MHz



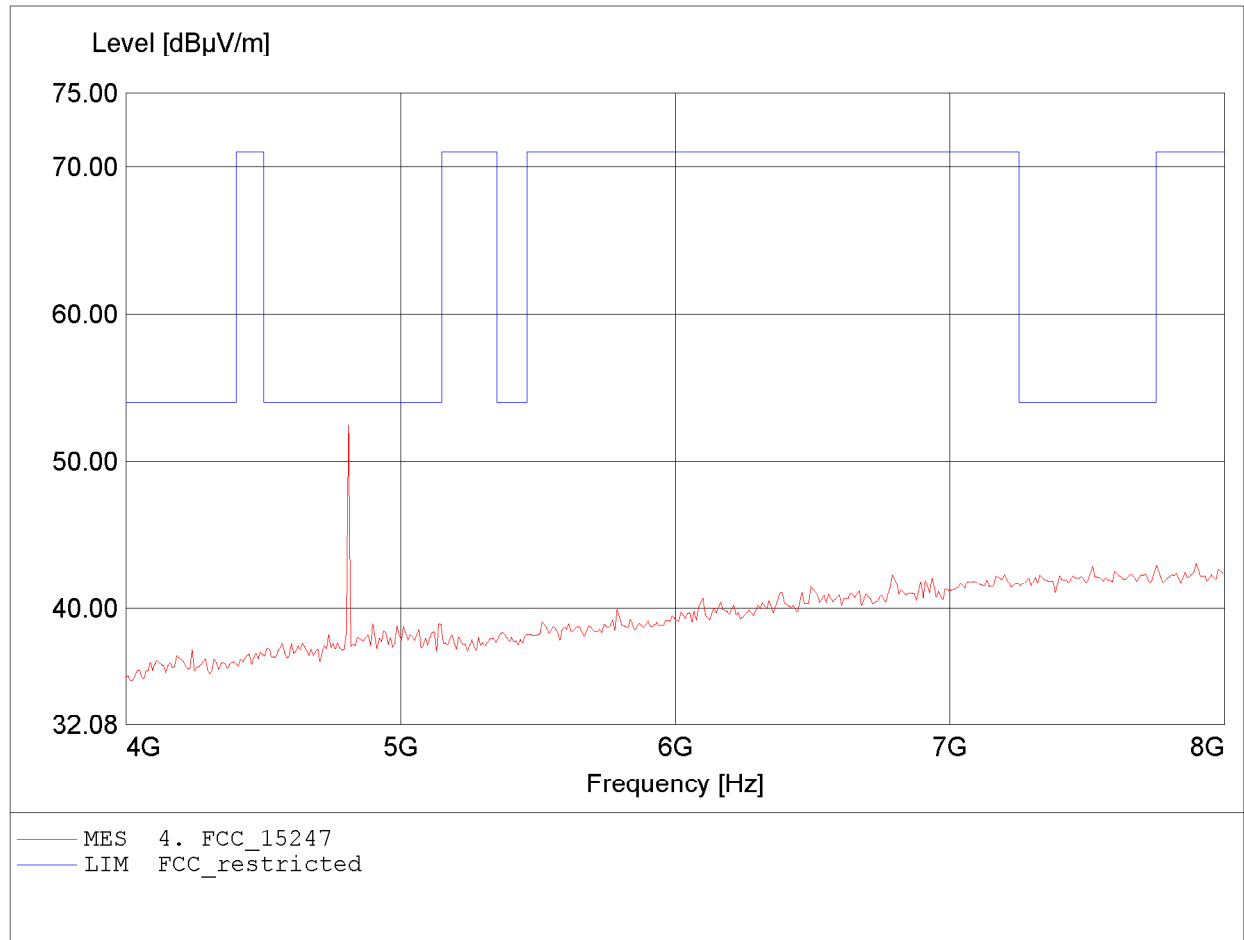
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.930GHz, Emax: 50.14dBµV/m, RBW: 1MHz



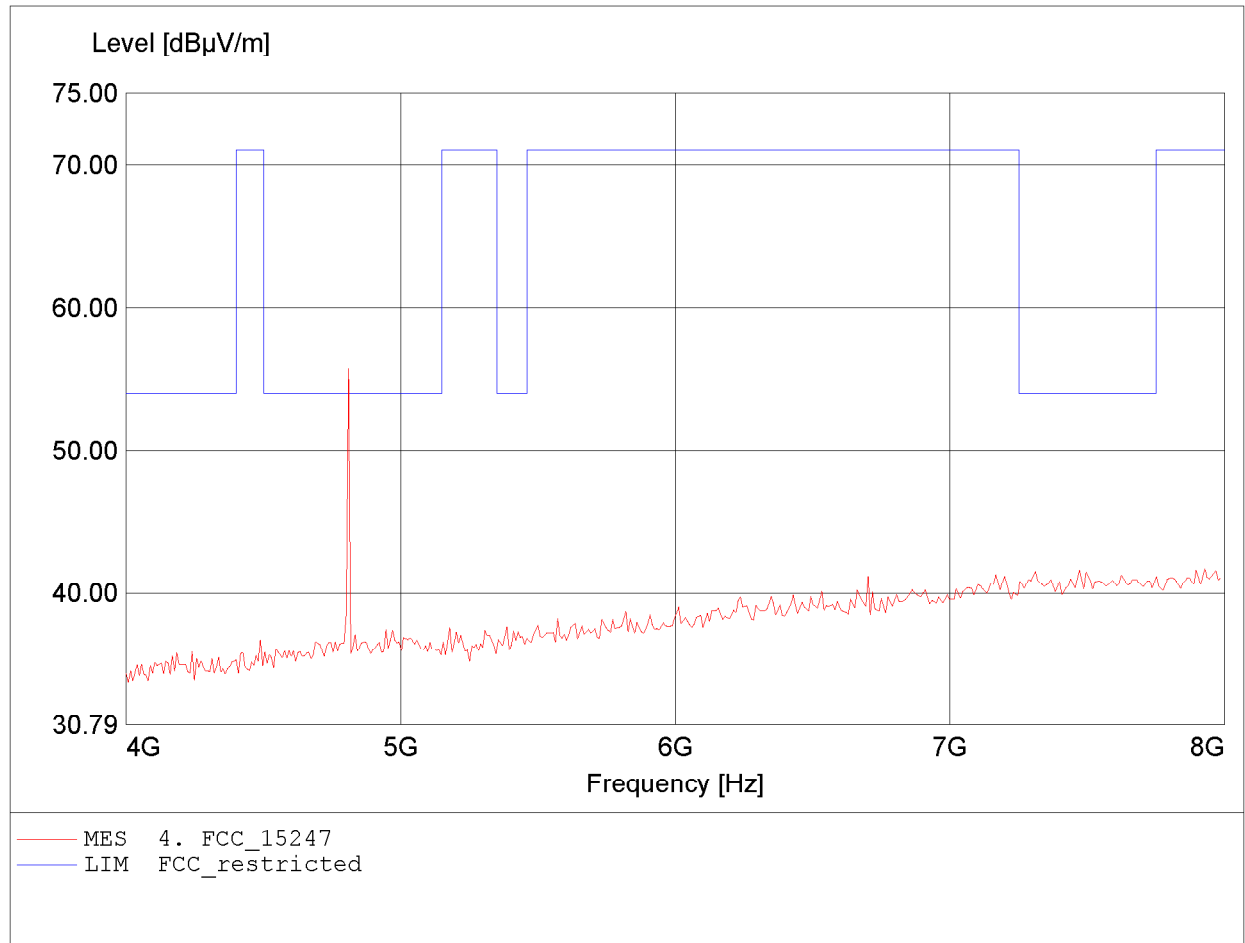
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 52.49dBµV/m, RBW: 1MHz



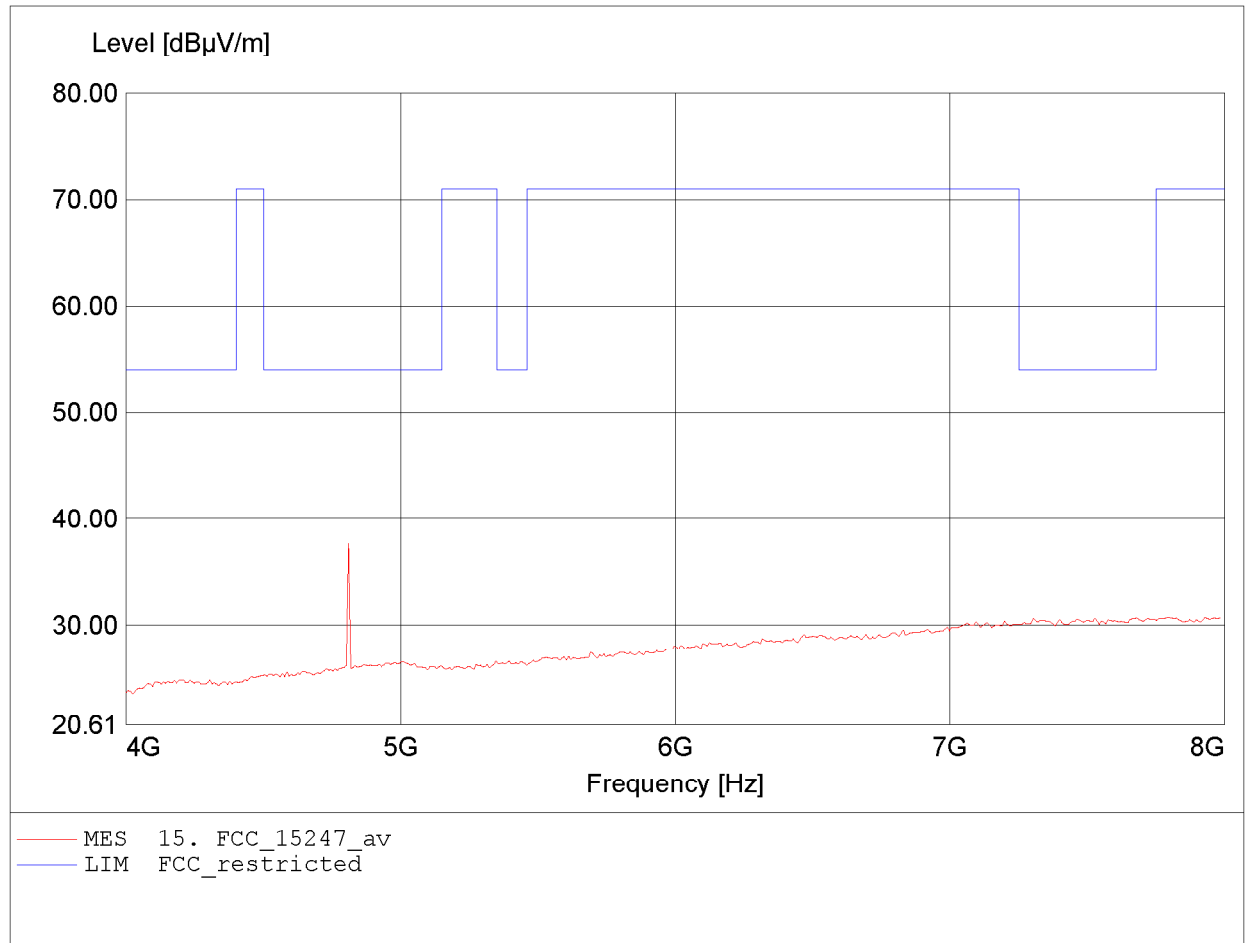
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 55.77dBµV/m, RBW: 1MHz



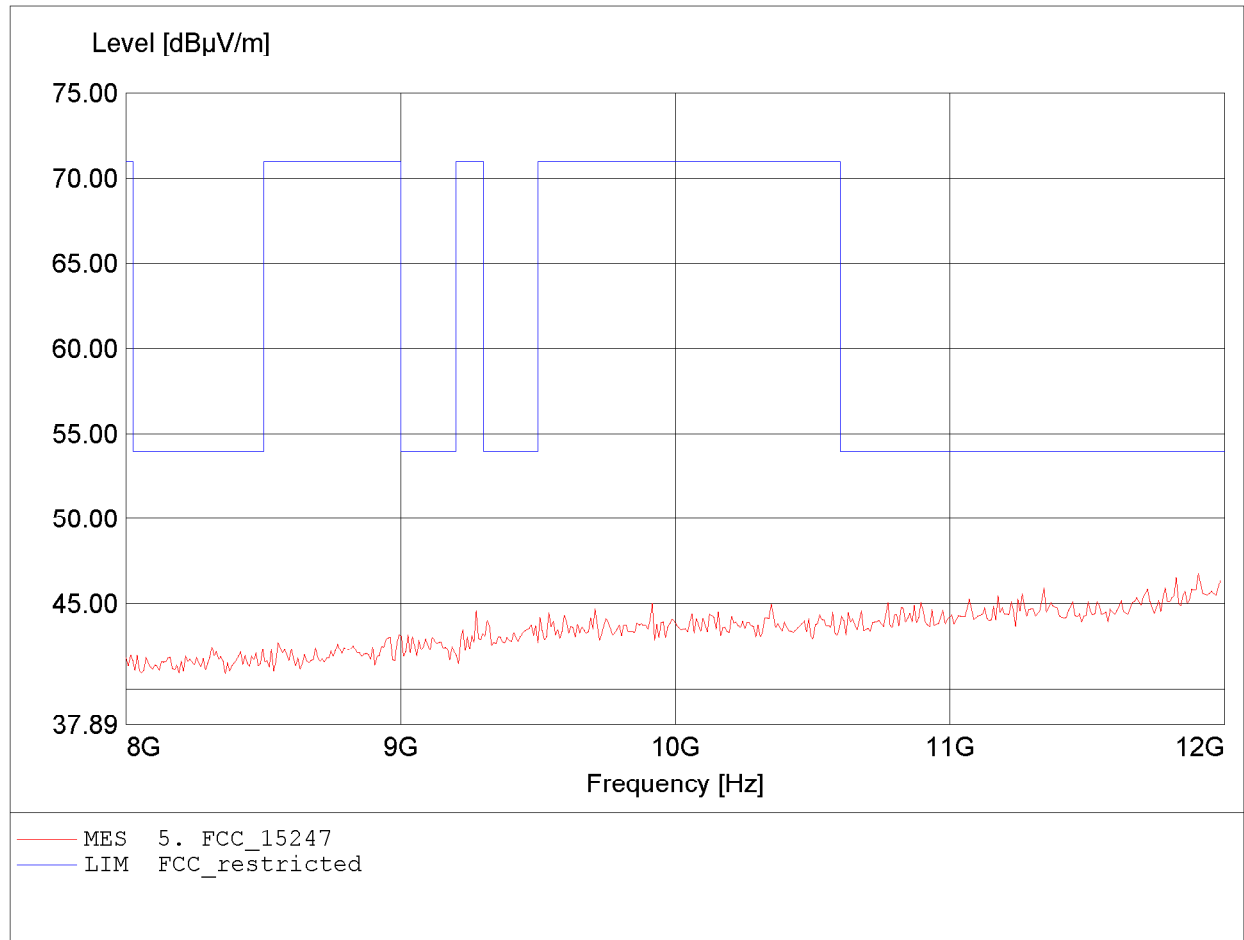
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 37.66dBµV/m, RBW: 1MHz



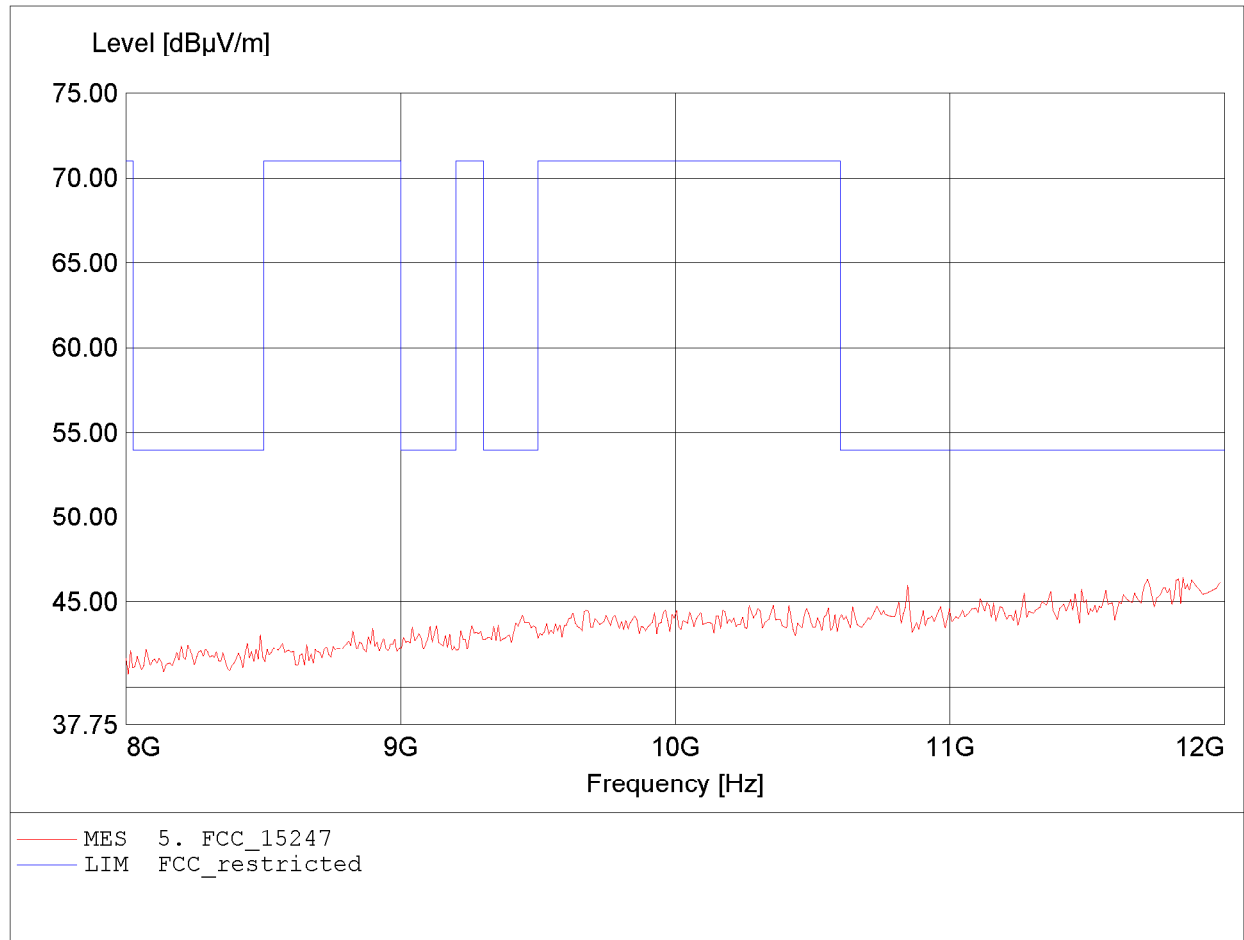
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.904GHz, Emax: 46.82dBµV/m, RBW: 1MHz



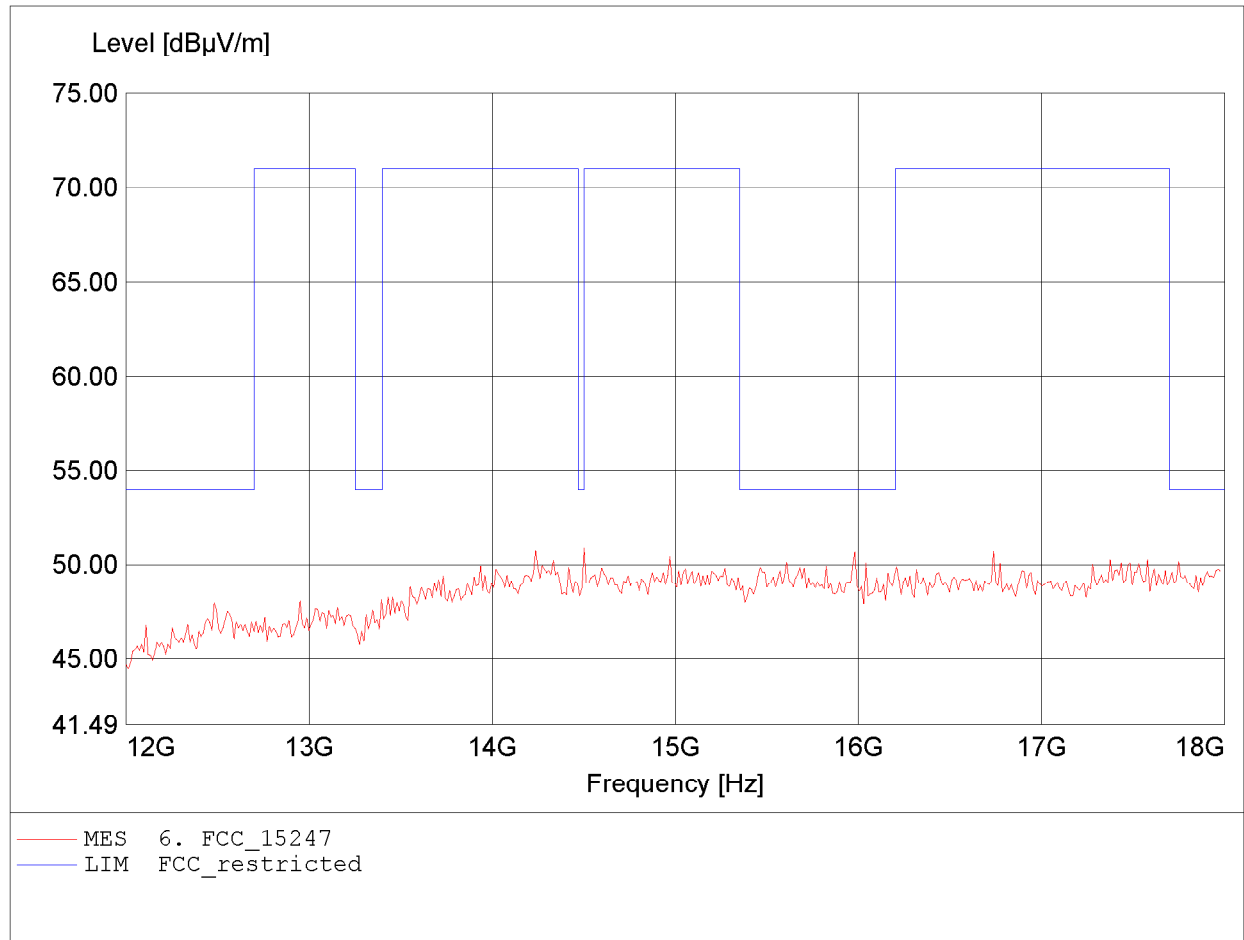
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.848GHz, Emax: 46.48dBµV/m, RBW: 1MHz



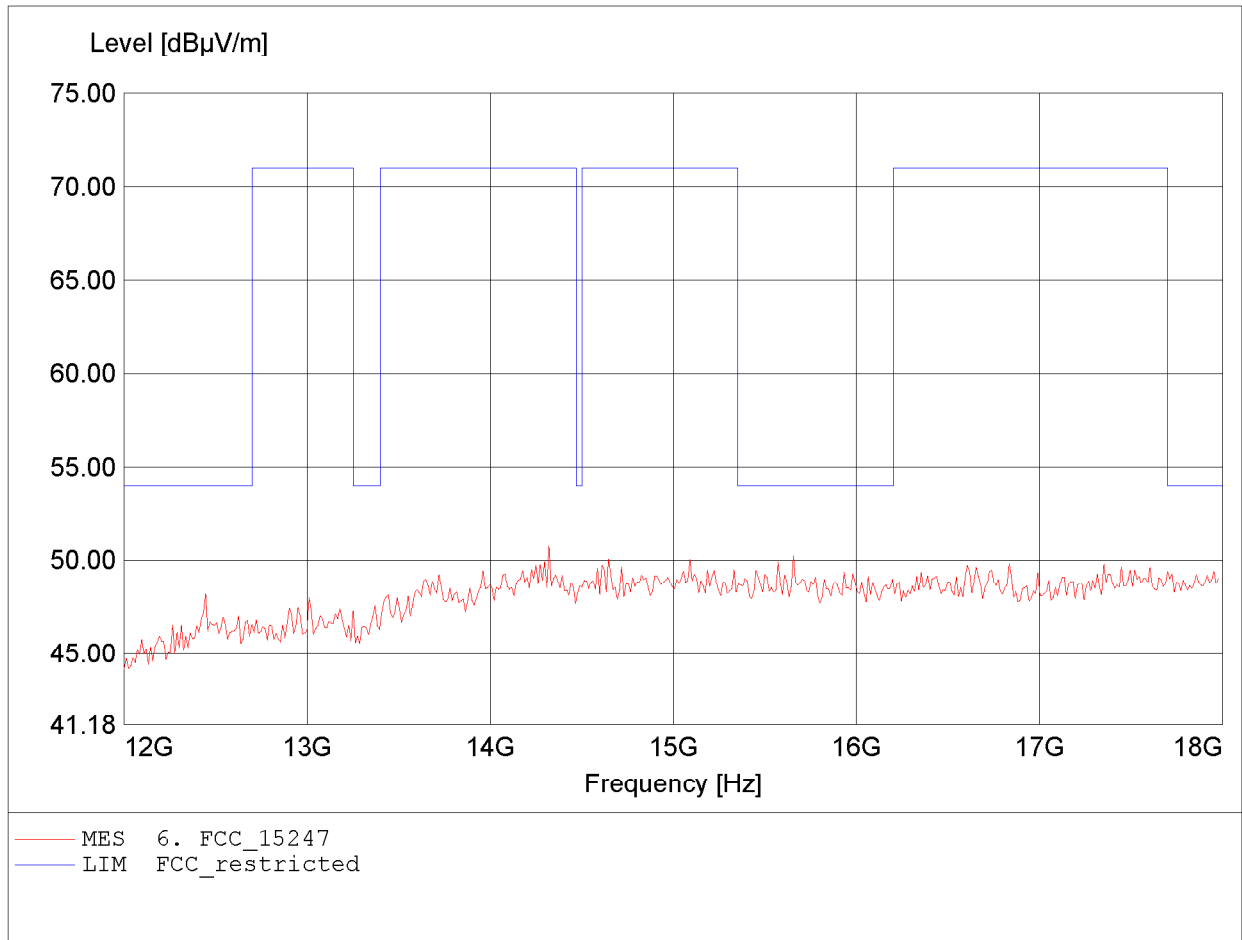
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 14.501GHz, Emax: 50.87dBµV/m, RBW: 1MHz



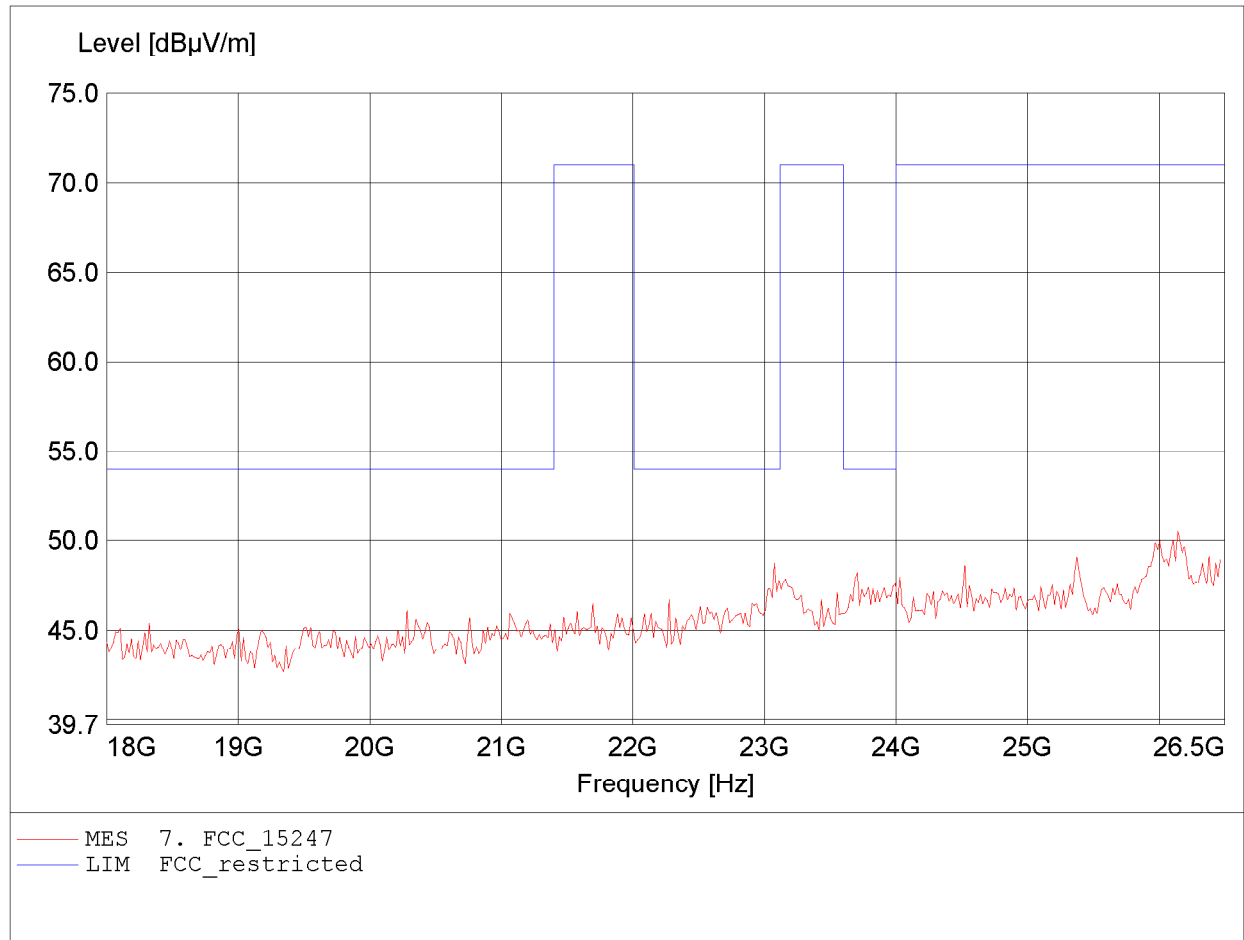
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 14.321GHz, Emax: 50.74dBµV/m, RBW: 1MHz



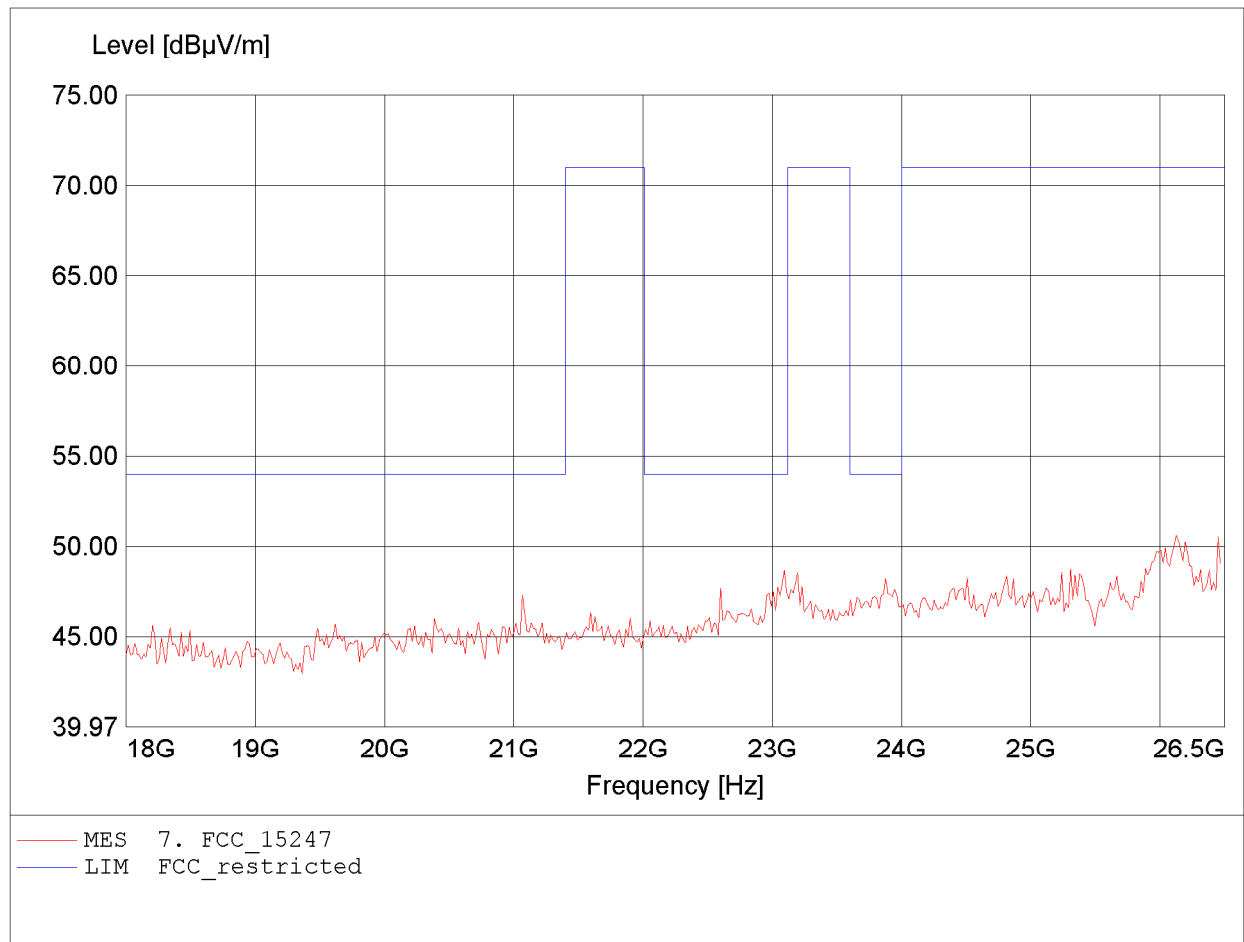
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.142GHz, Emax: 50.52dBµV/m, RBW: 1MHz



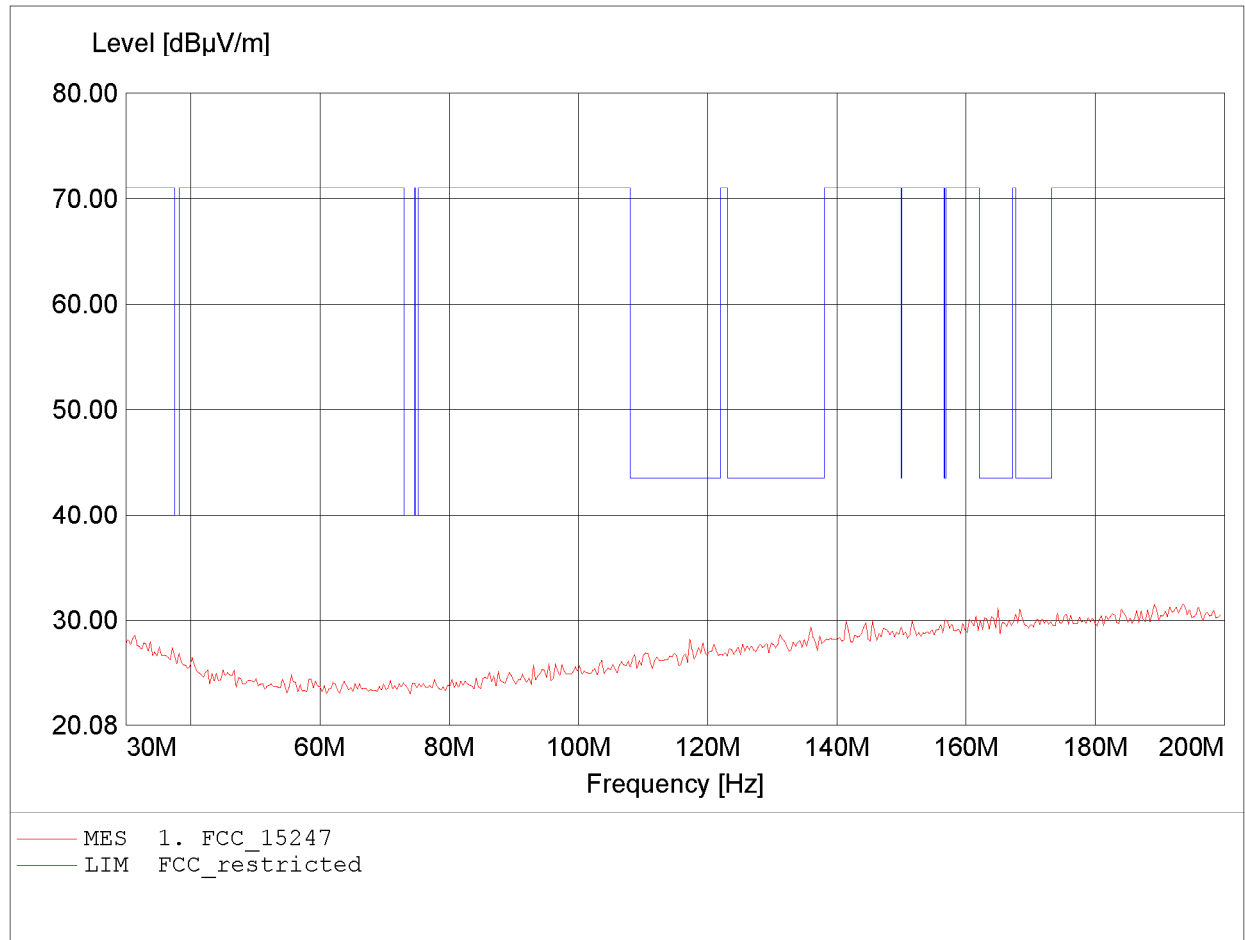
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2405 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.125GHz, Emax: 50.59dBµV/m, RBW: 1MHz



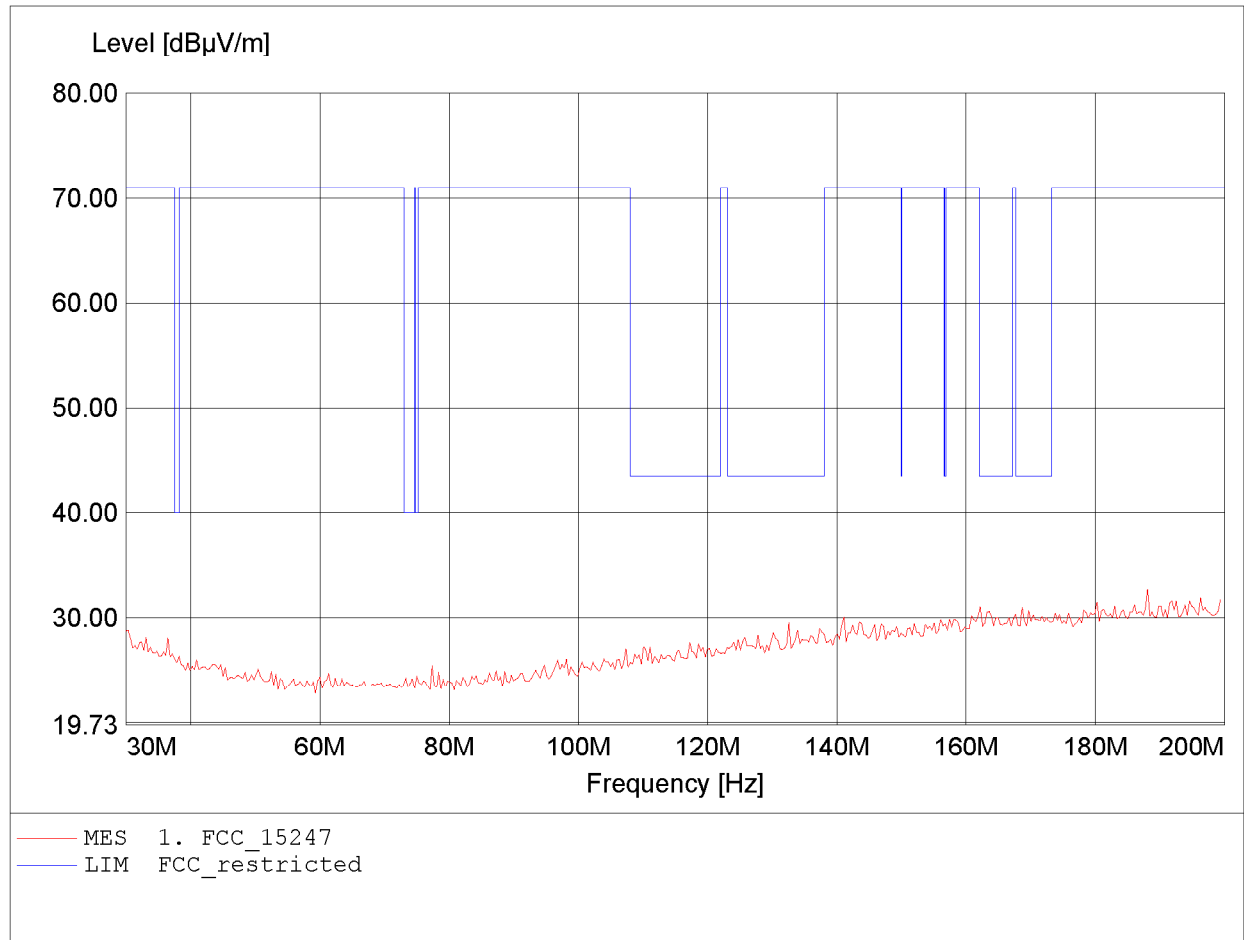
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.527MHz, Emax: 31.58dBµV/m, RBW: 100kHz



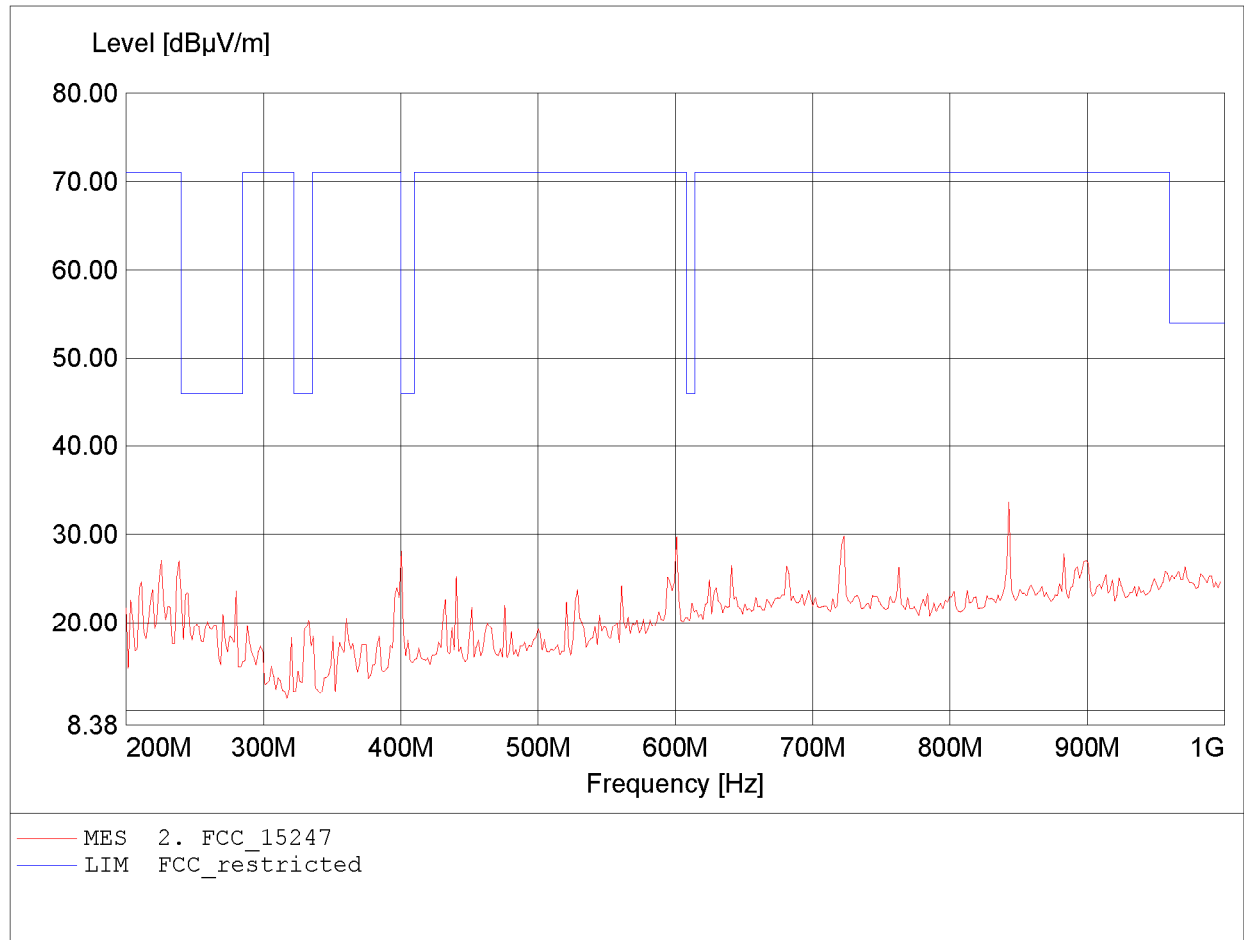
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 188.076MHz, Emax: 32.72dBµV/m, RBW: 100kHz



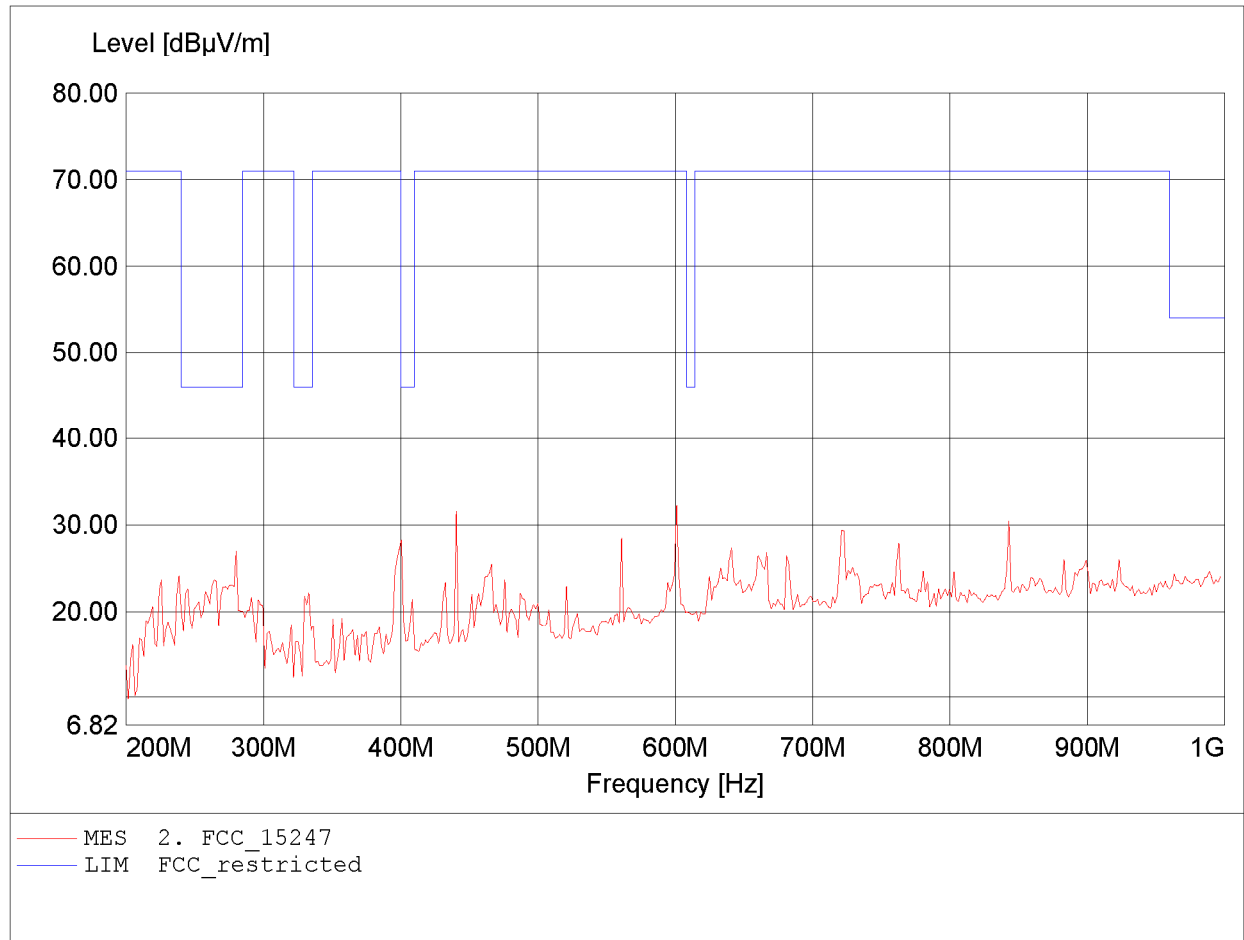
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 842.886MHz, Emax: 33.60dBµV/m, RBW: 100kHz



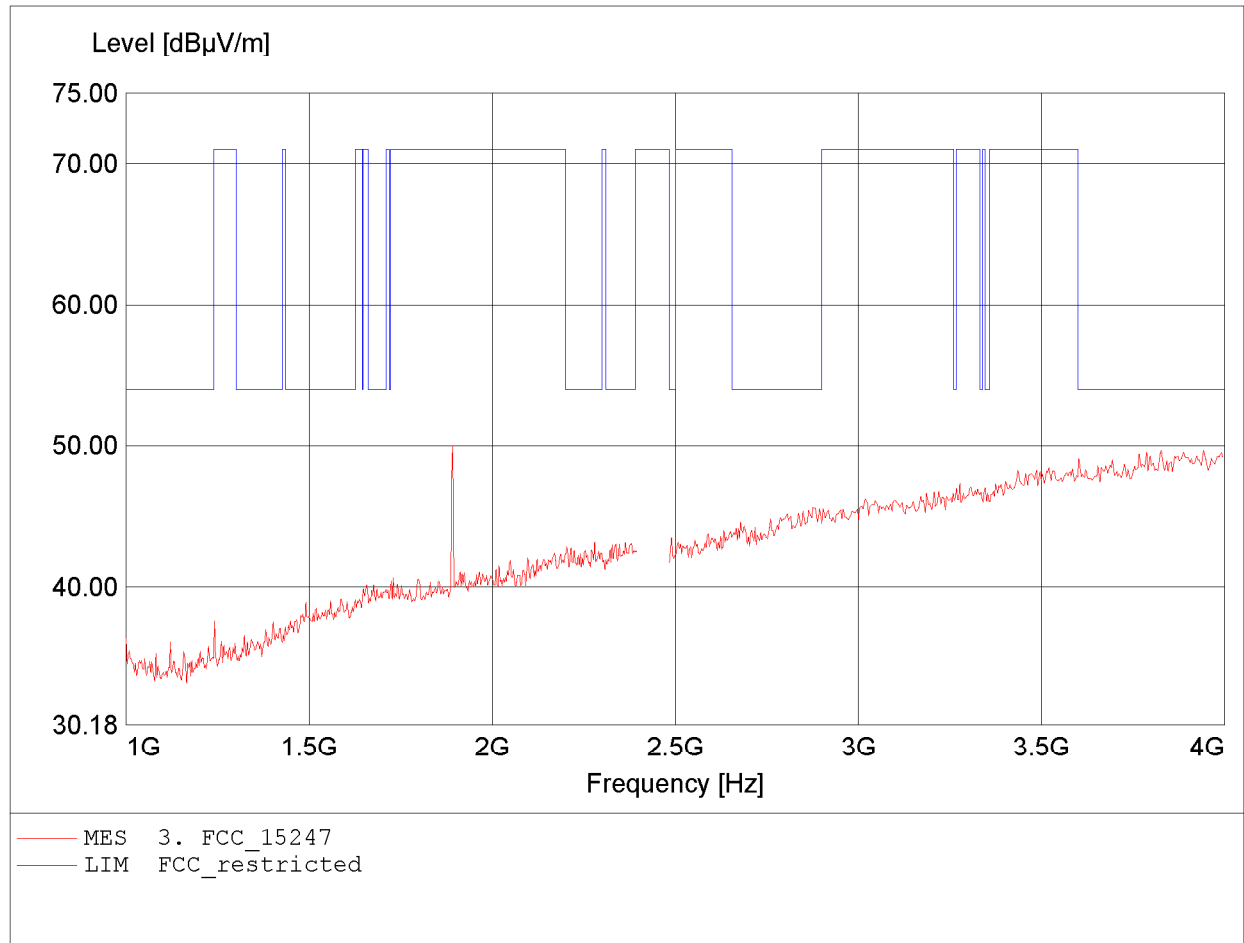
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 600.802MHz, Emax: 32.22dBµV/m, RBW: 100kHz



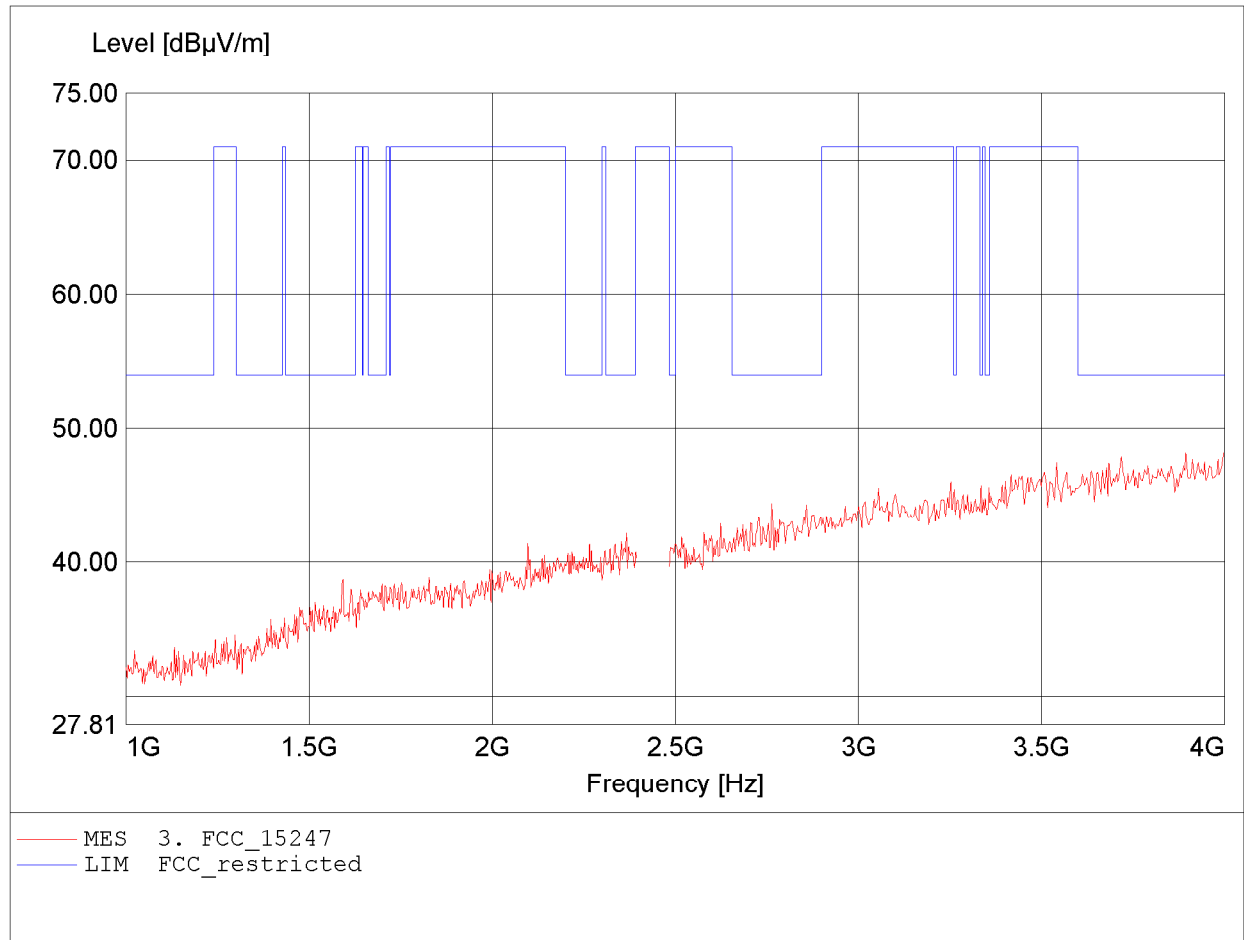
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 1.892GHz, Emax: 49.97dBµV/m, RBW: 1MHz



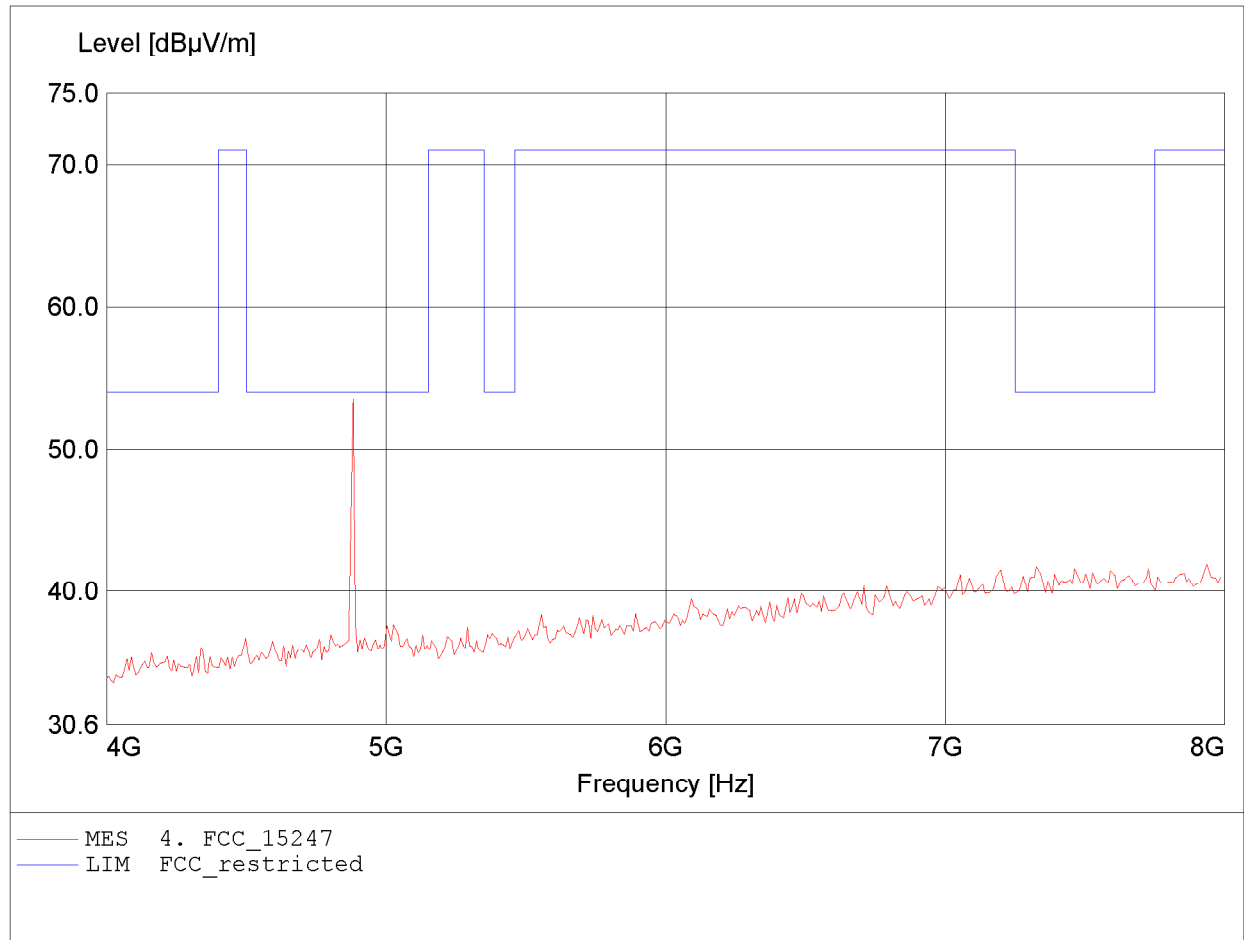
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 3.997GHz, Emax: 48.14dBµV/m, RBW: 1MHz



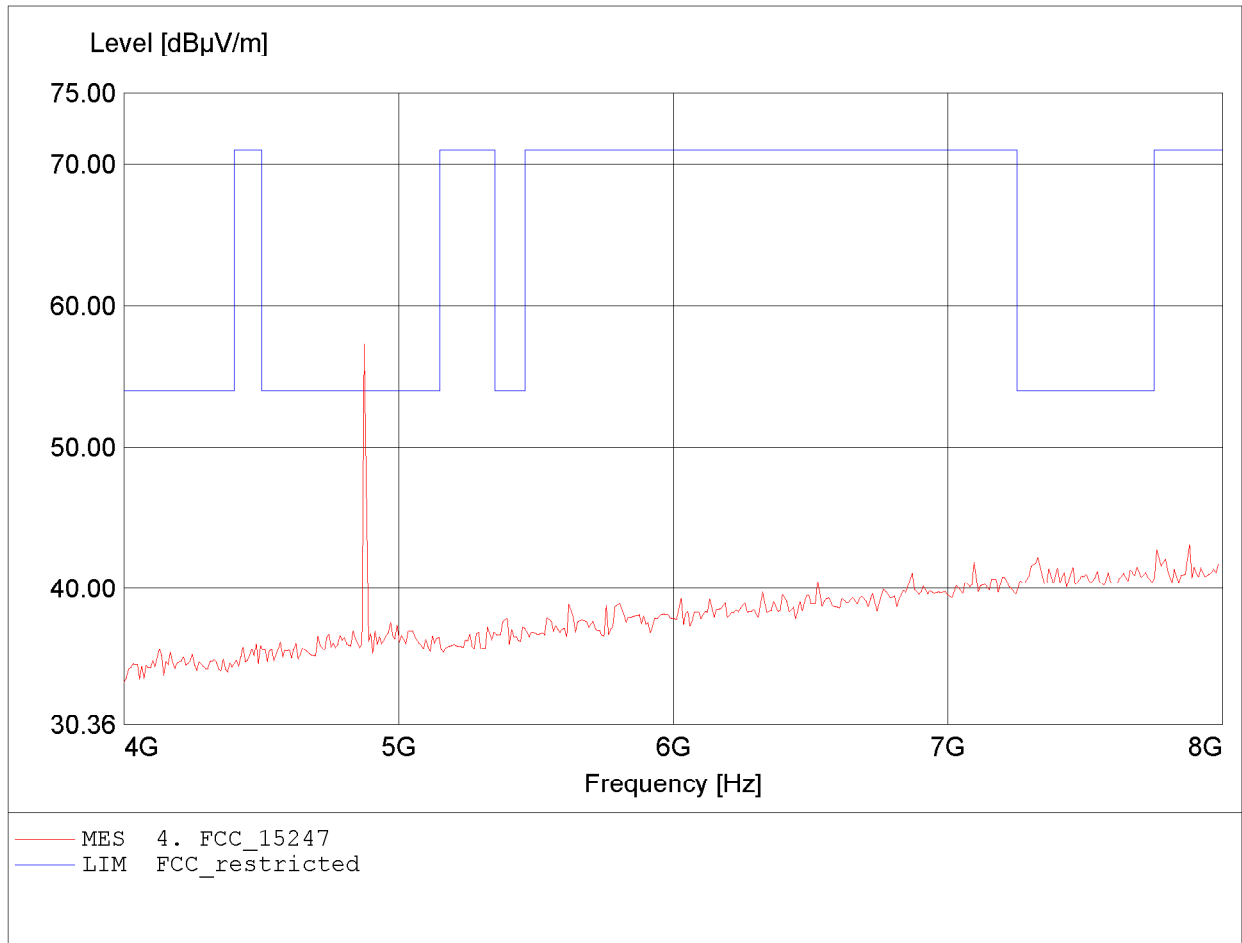
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 53.51dBµV/m, RBW: 1MHz



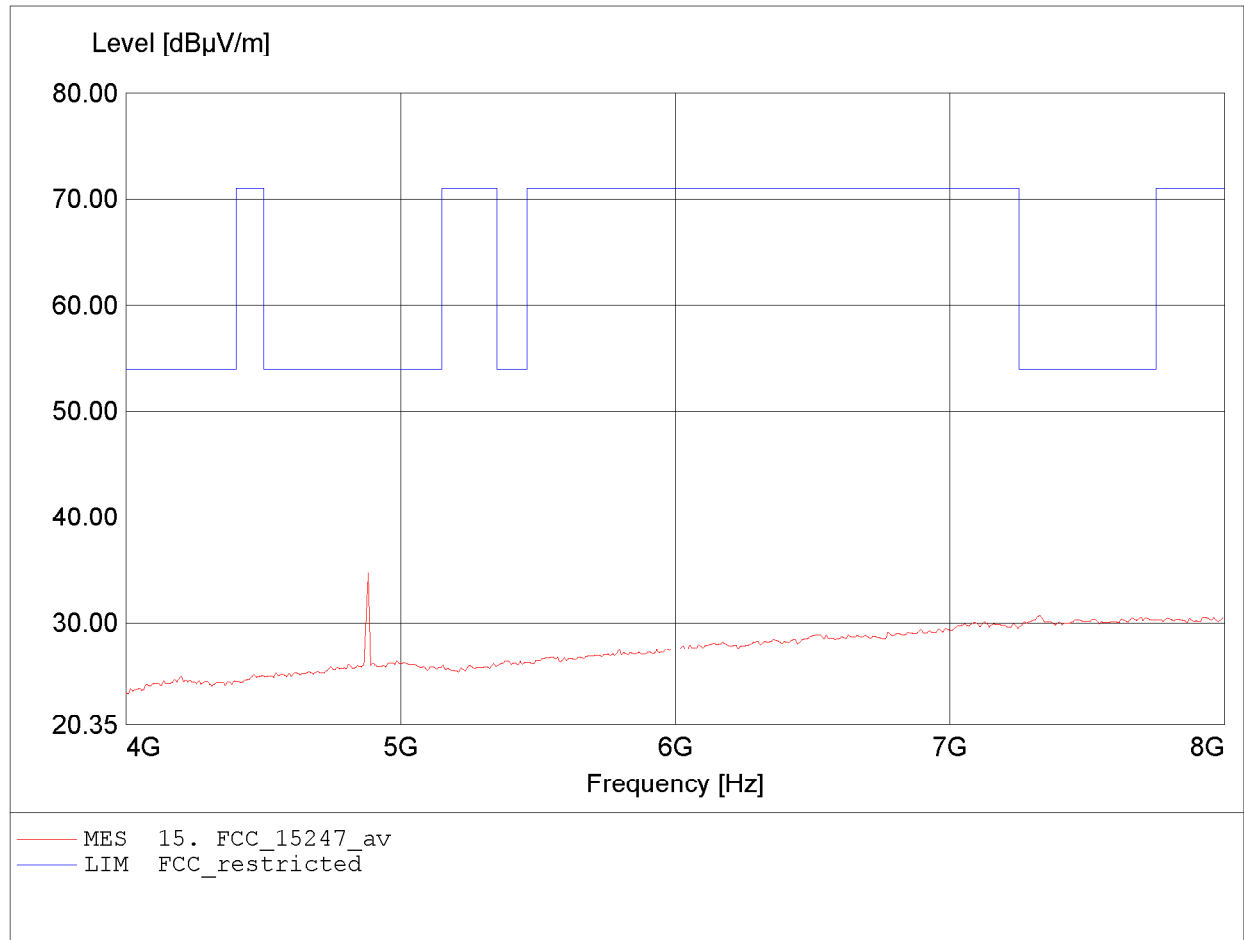
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.874GHz, Emax: 57.29dBµV/m, RBW: 1MHz



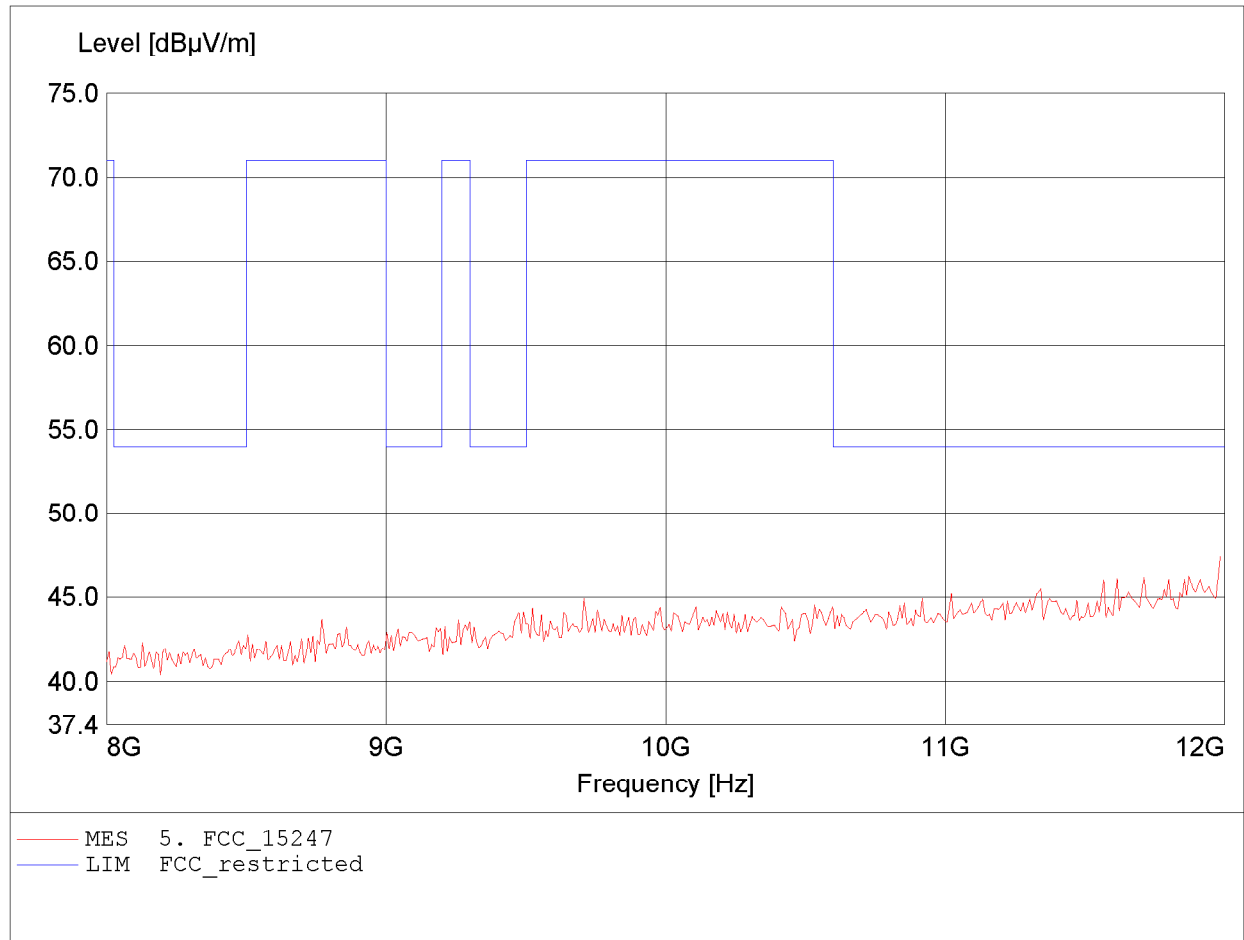
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 34.74dBµV/m, RBW: 1MHz



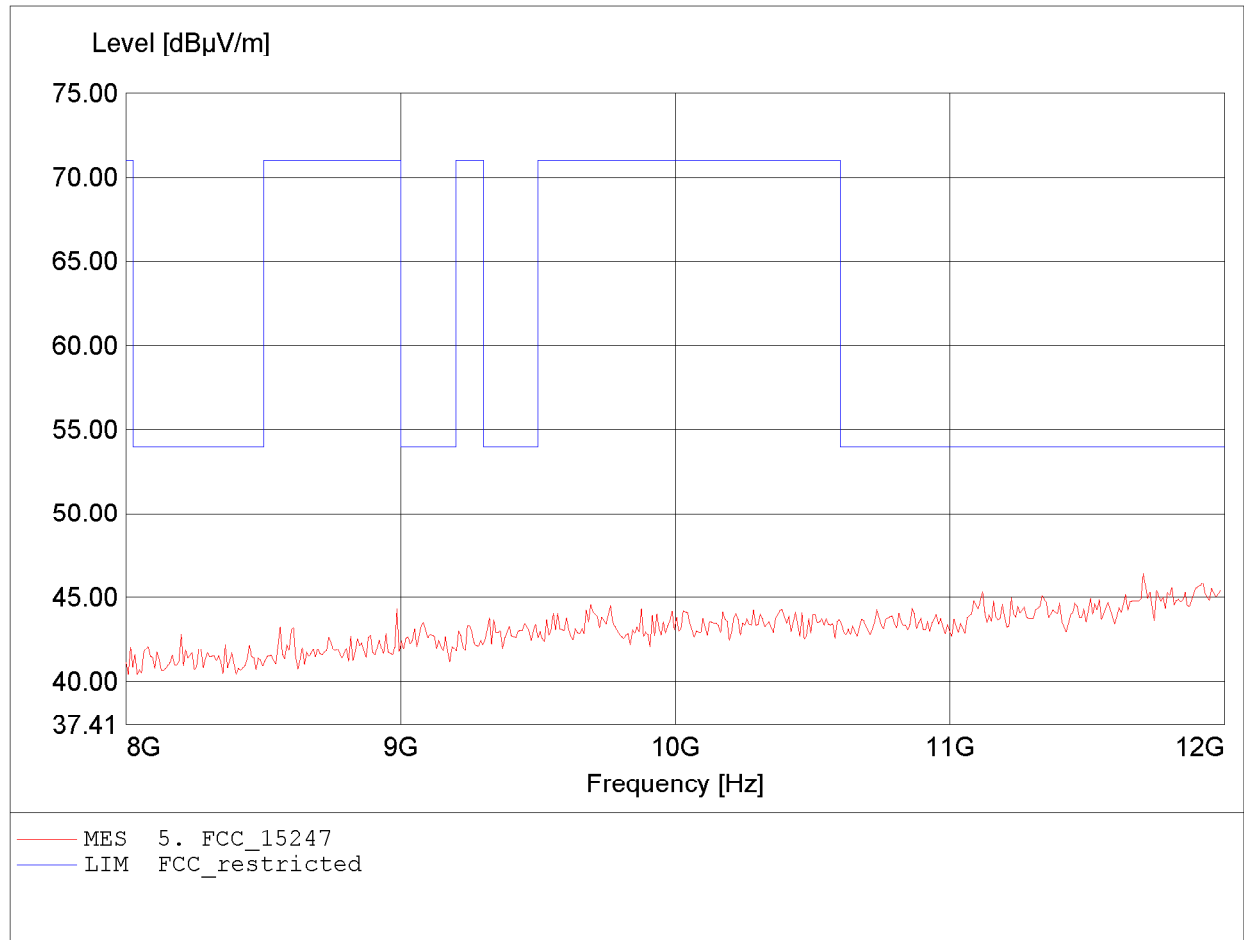
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.984GHz, Emax: 47.42dBµV/m, RBW: 1MHz



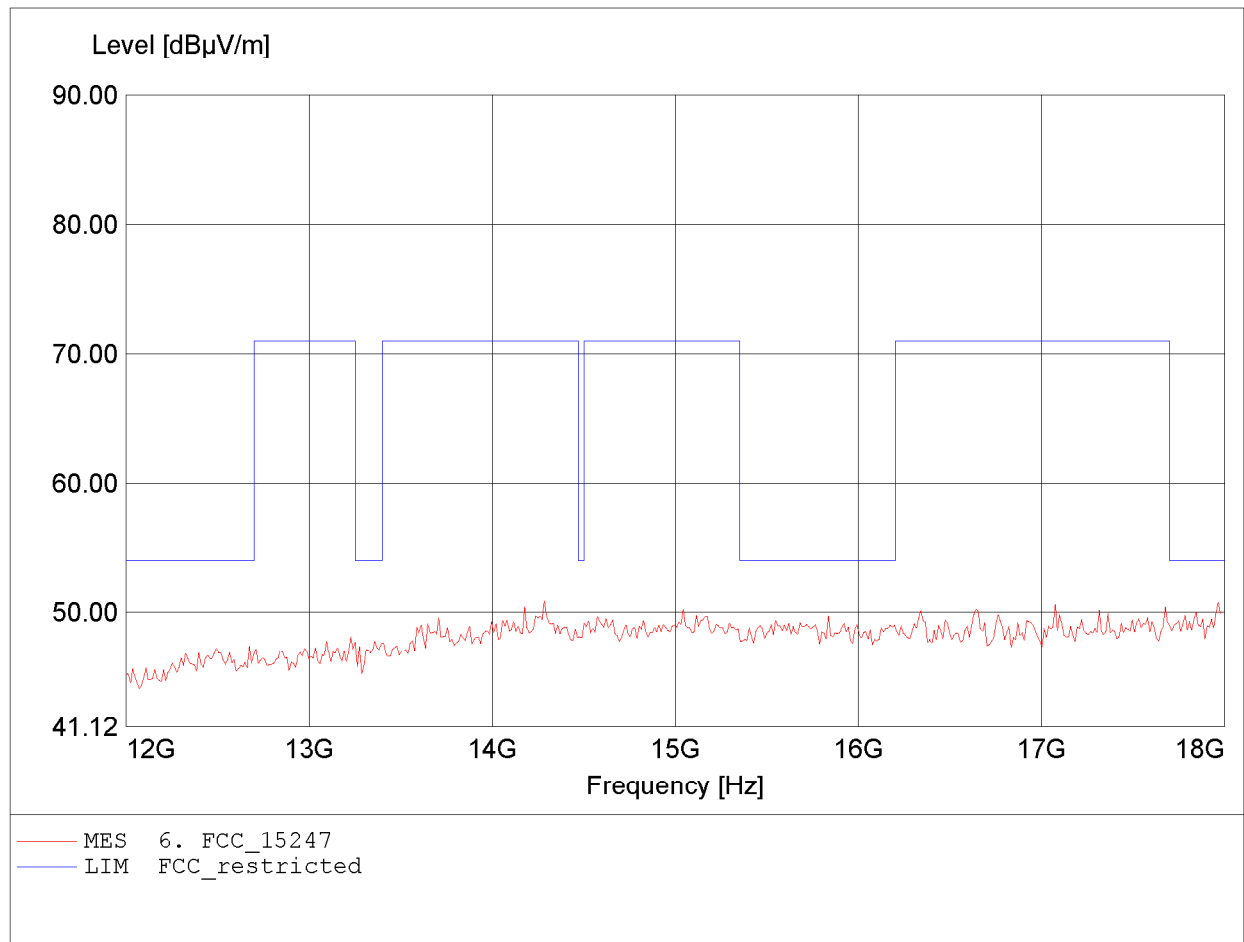
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.703GHz, Emax: 46.44dBµV/m, RBW: 1MHz



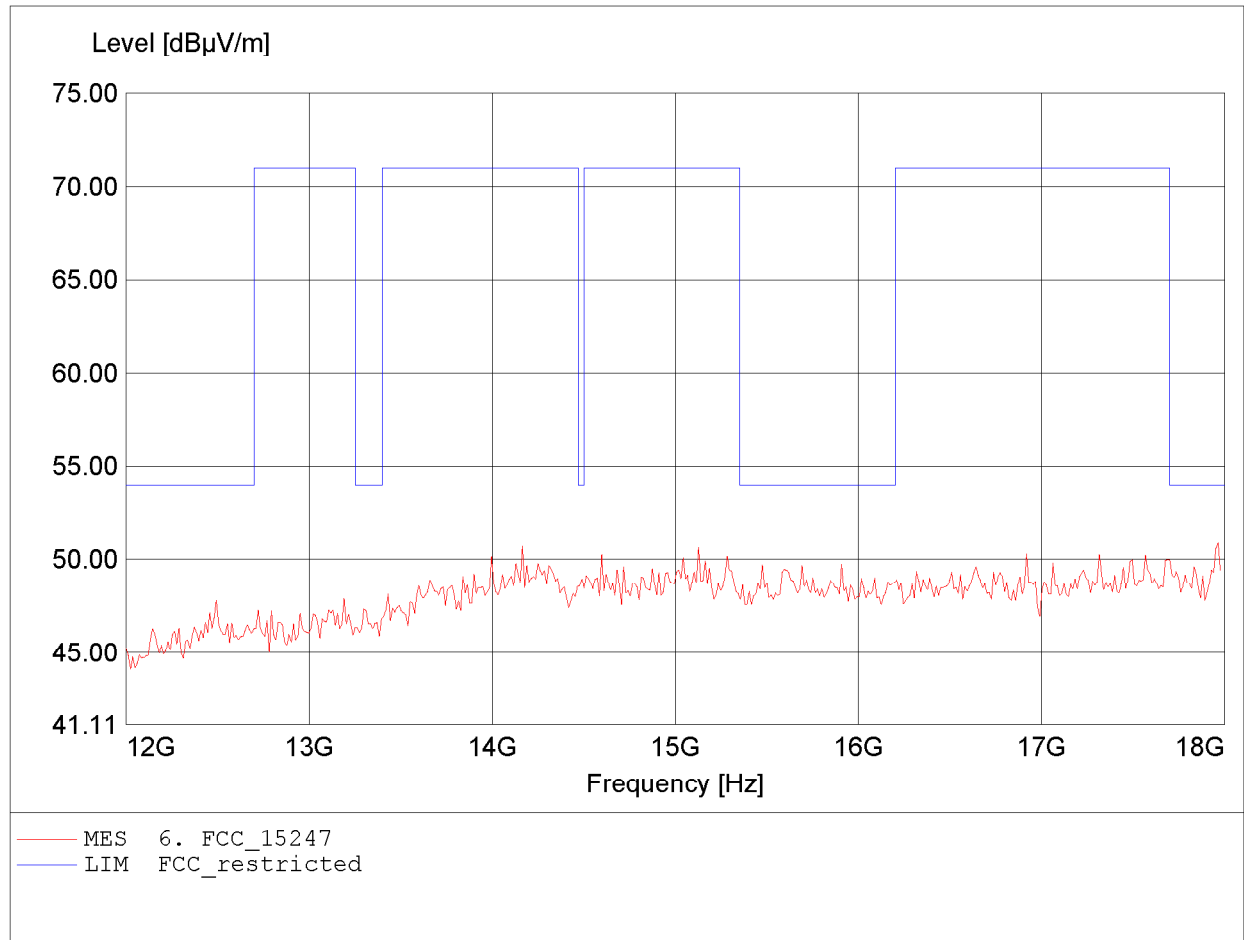
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 14.285GHz, Emax: 50.85dBµV/m, RBW: 1MHz



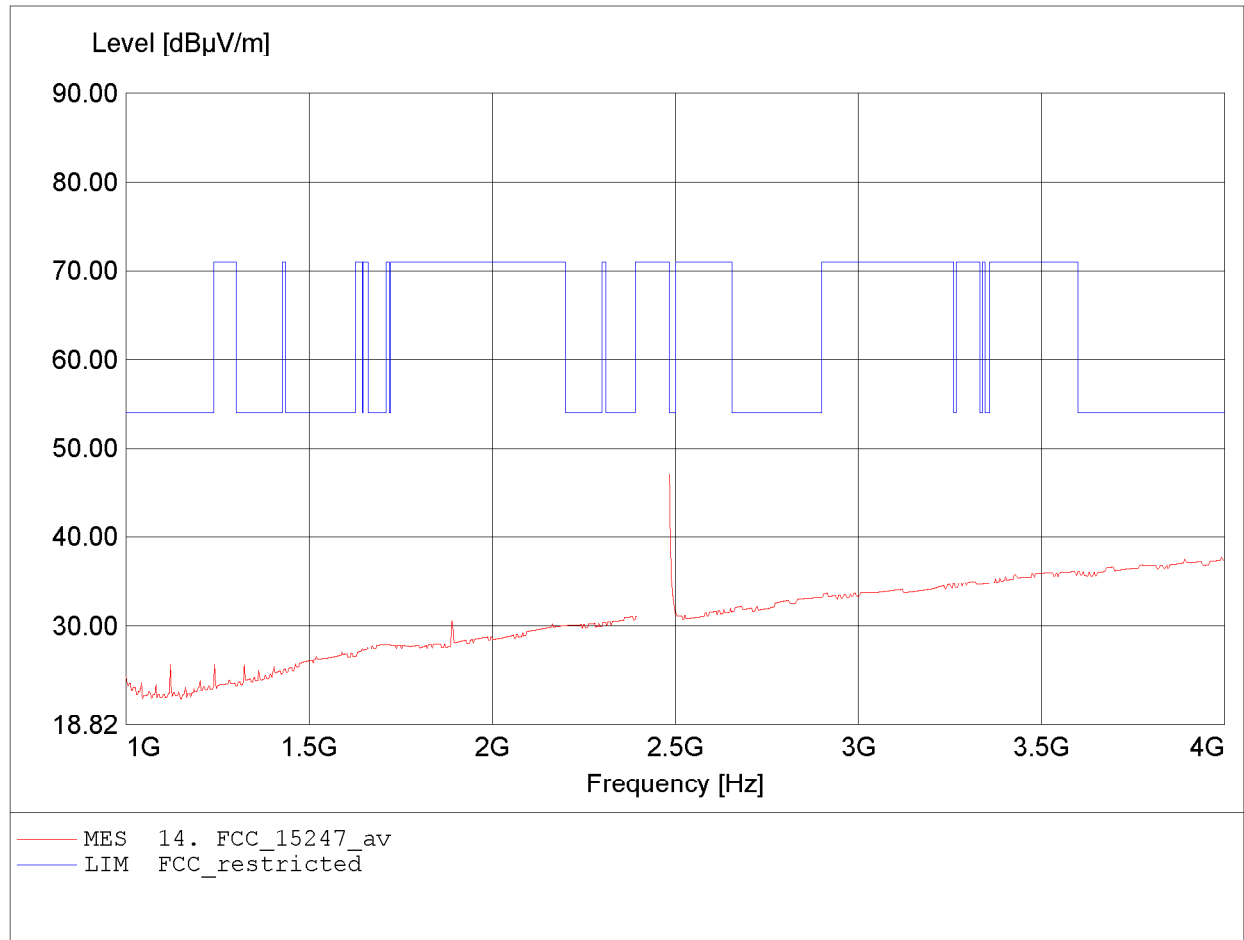
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.964GHz, Emax: 50.87dBµV/m, RBW: 1MHz



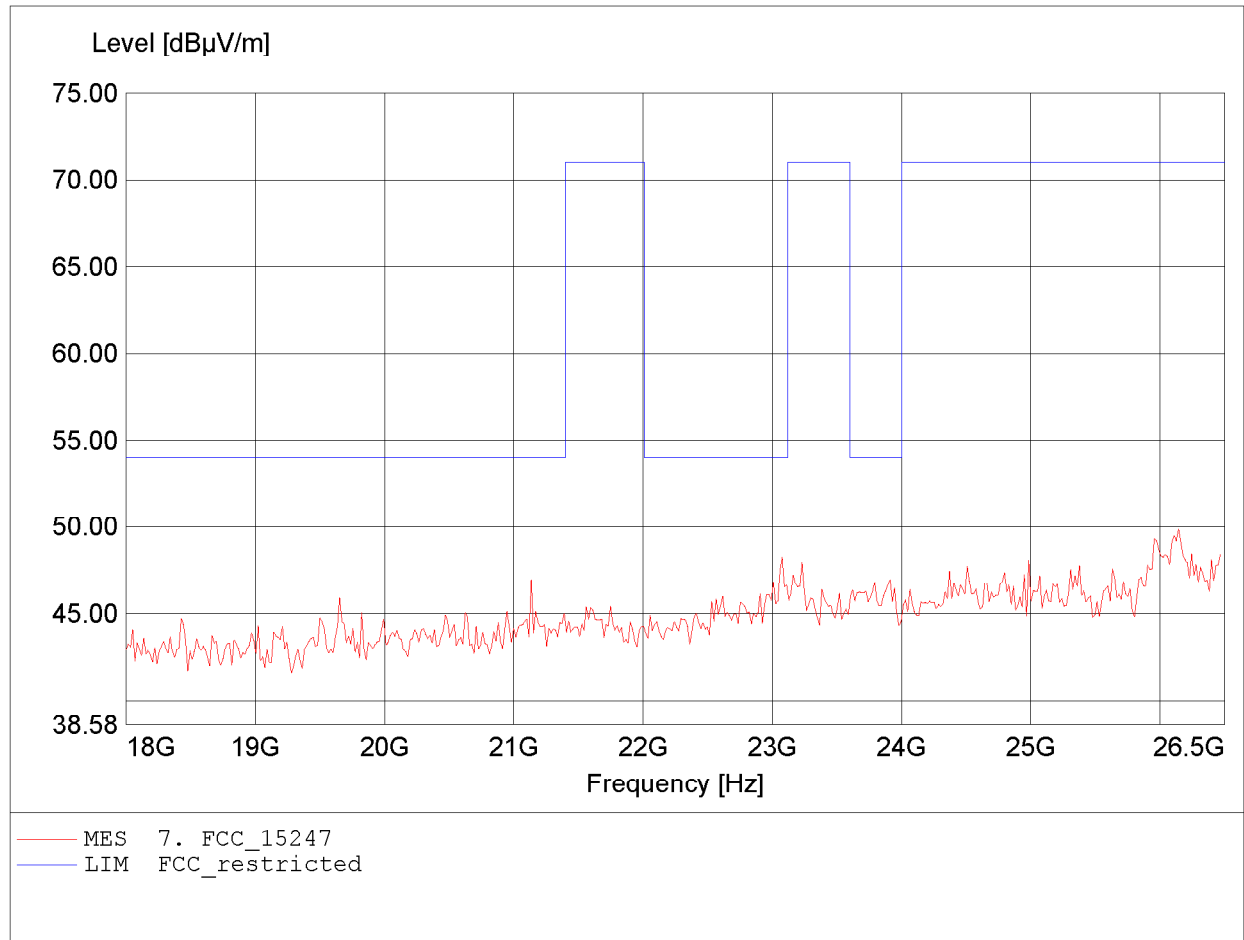
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.484GHz, Emax: 47.09dBµV/m, RBW: 1MHz



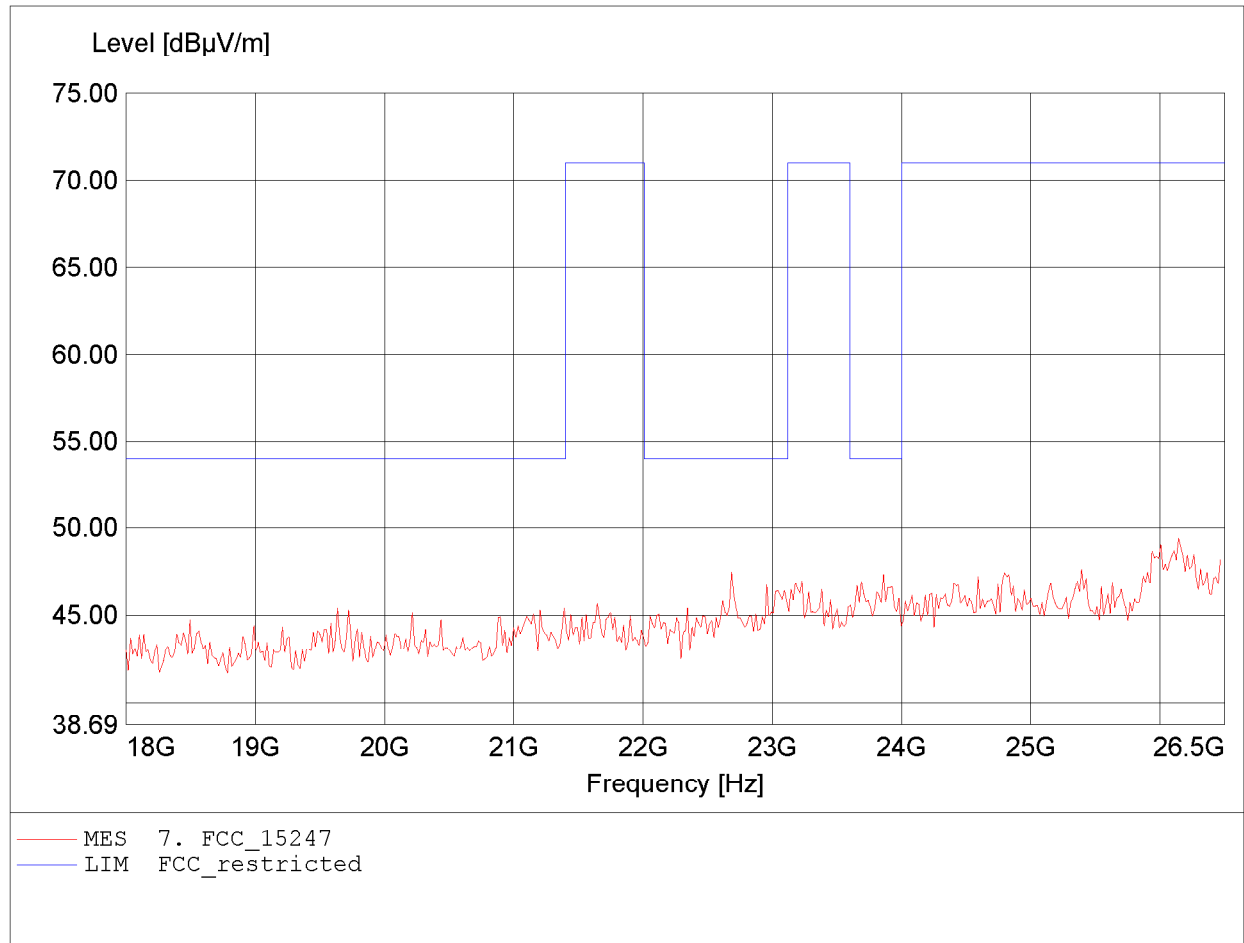
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.142GHz, Emax: 49.85dBµV/m, RBW: 1MHz



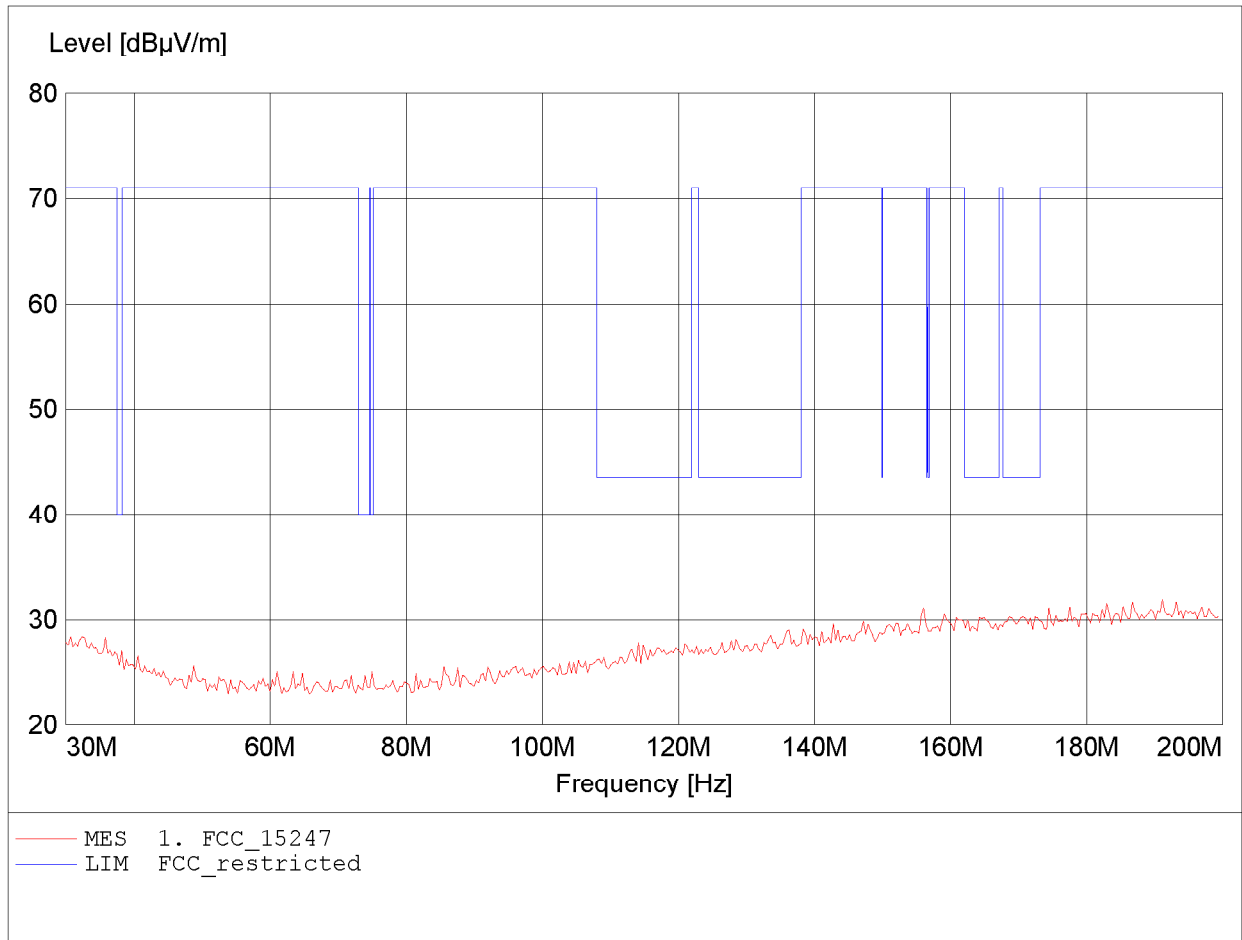
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2440 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.142GHz, Emax: 49.40dBµV/m, RBW: 1MHz



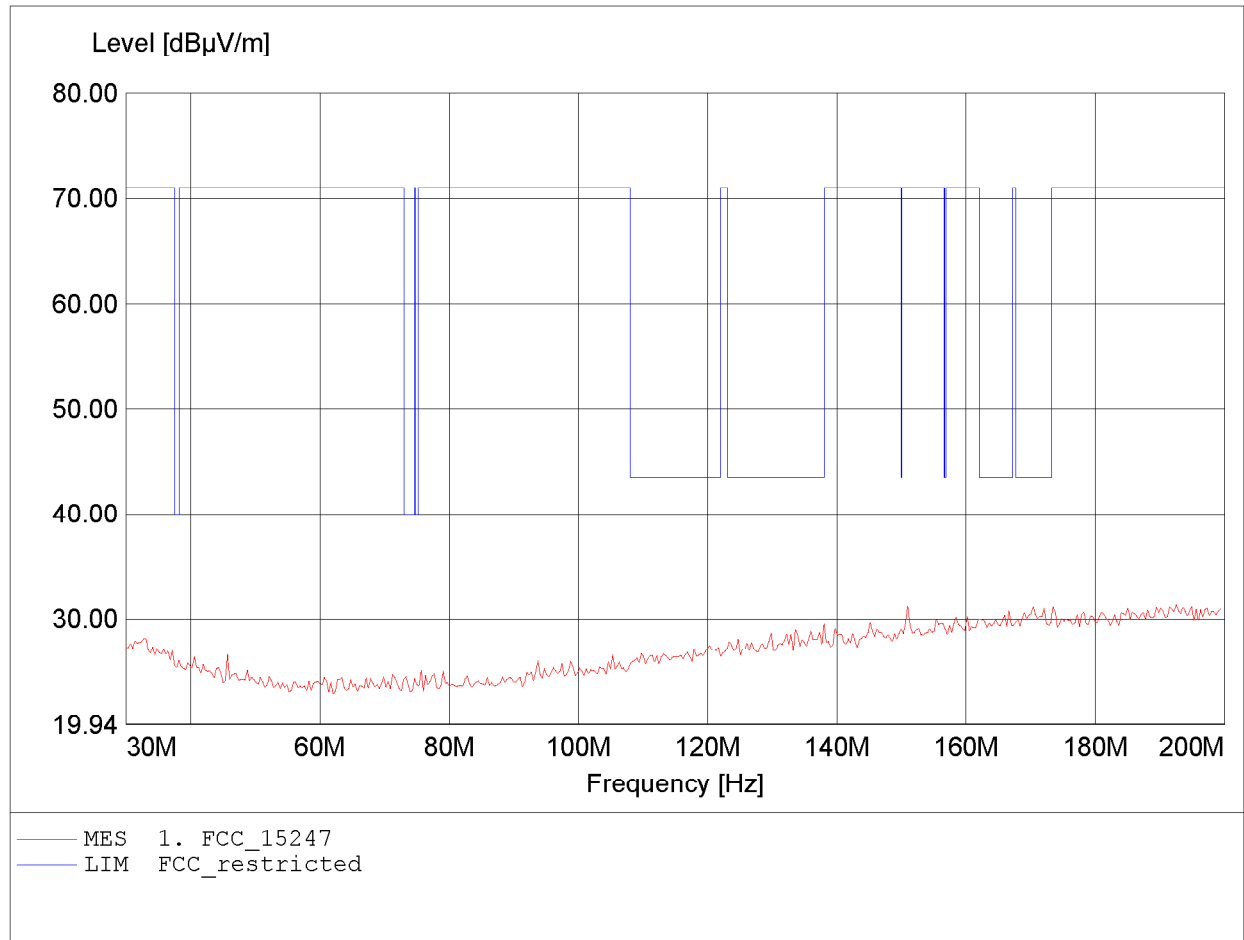
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.142MHz, Emax: 31.86dBµV/m, RBW: 100kHz



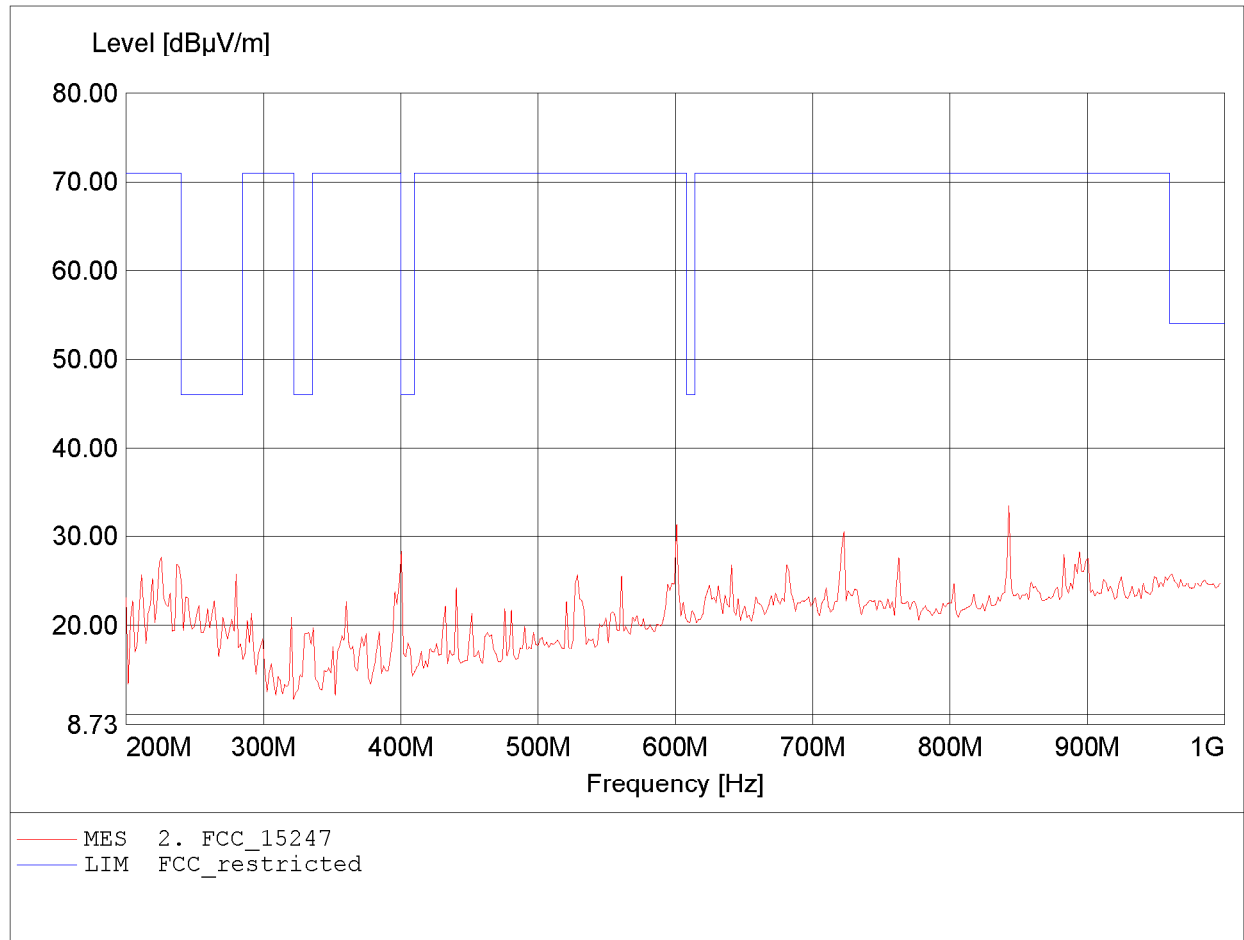
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.505MHz, Emax: 31.37dBµV/m, RBW: 100kHz



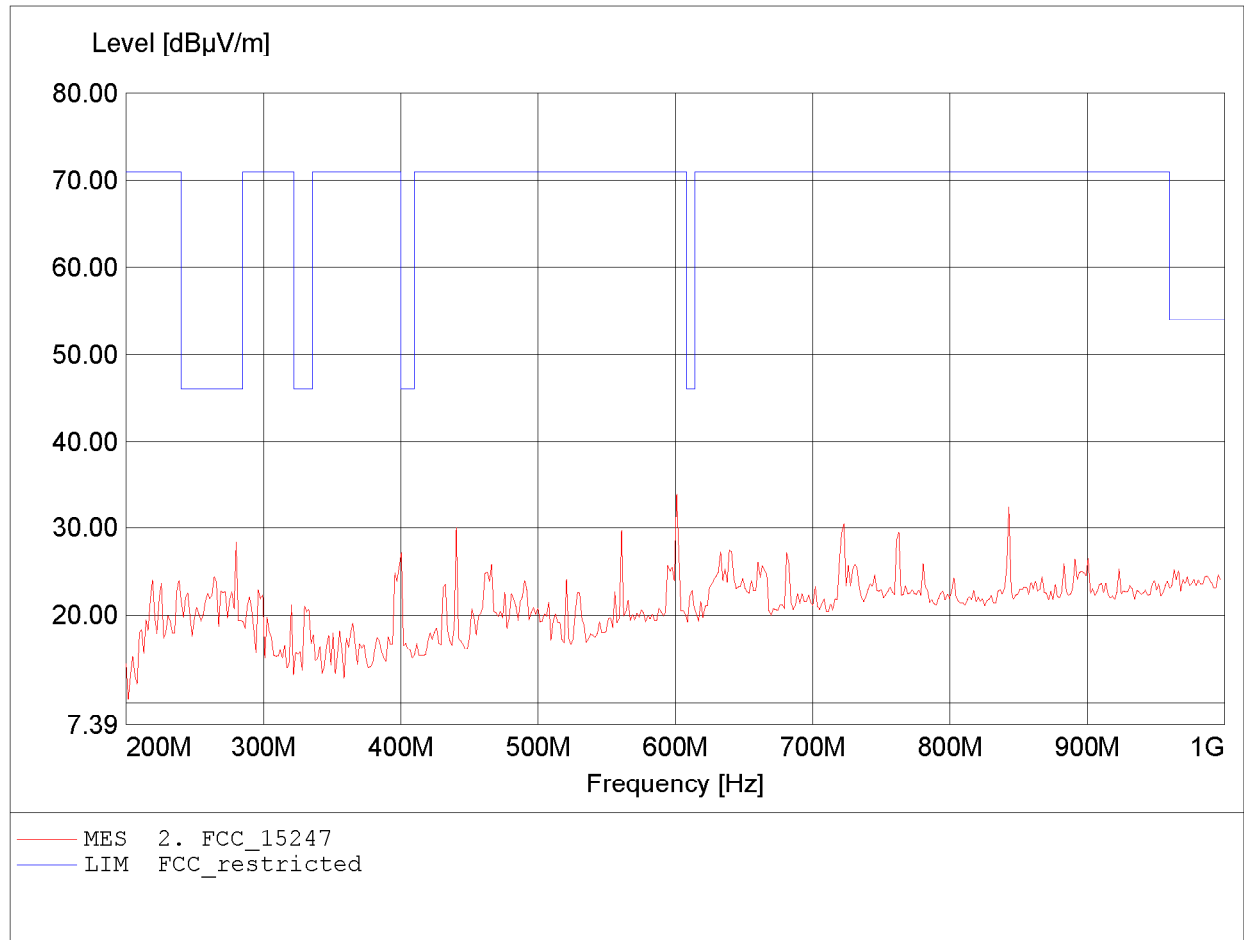
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 842.886MHz, Emax: 33.52dBµV/m, RBW: 100kHz



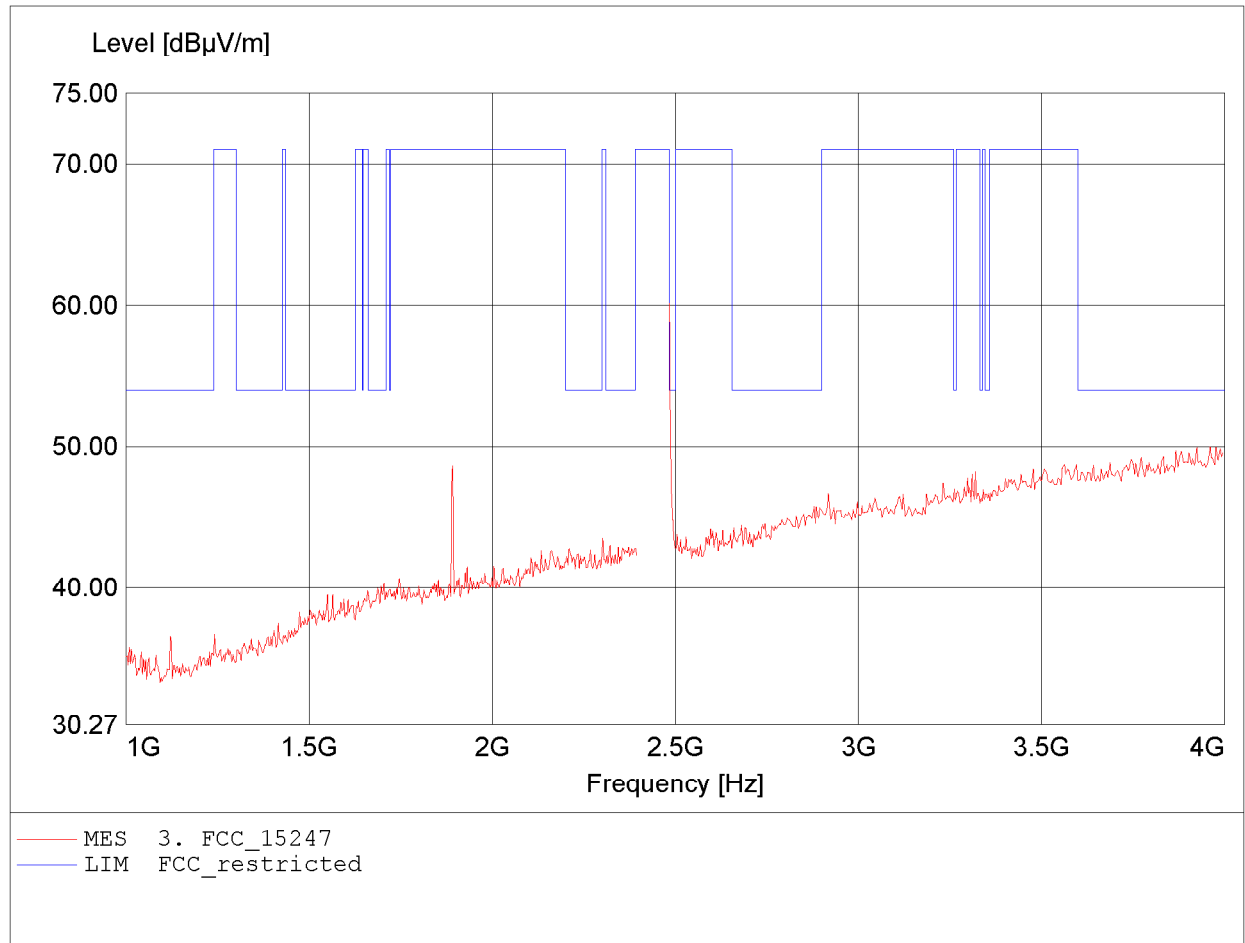
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 600.802MHz, Emax: 33.94dBµV/m, RBW: 100kHz



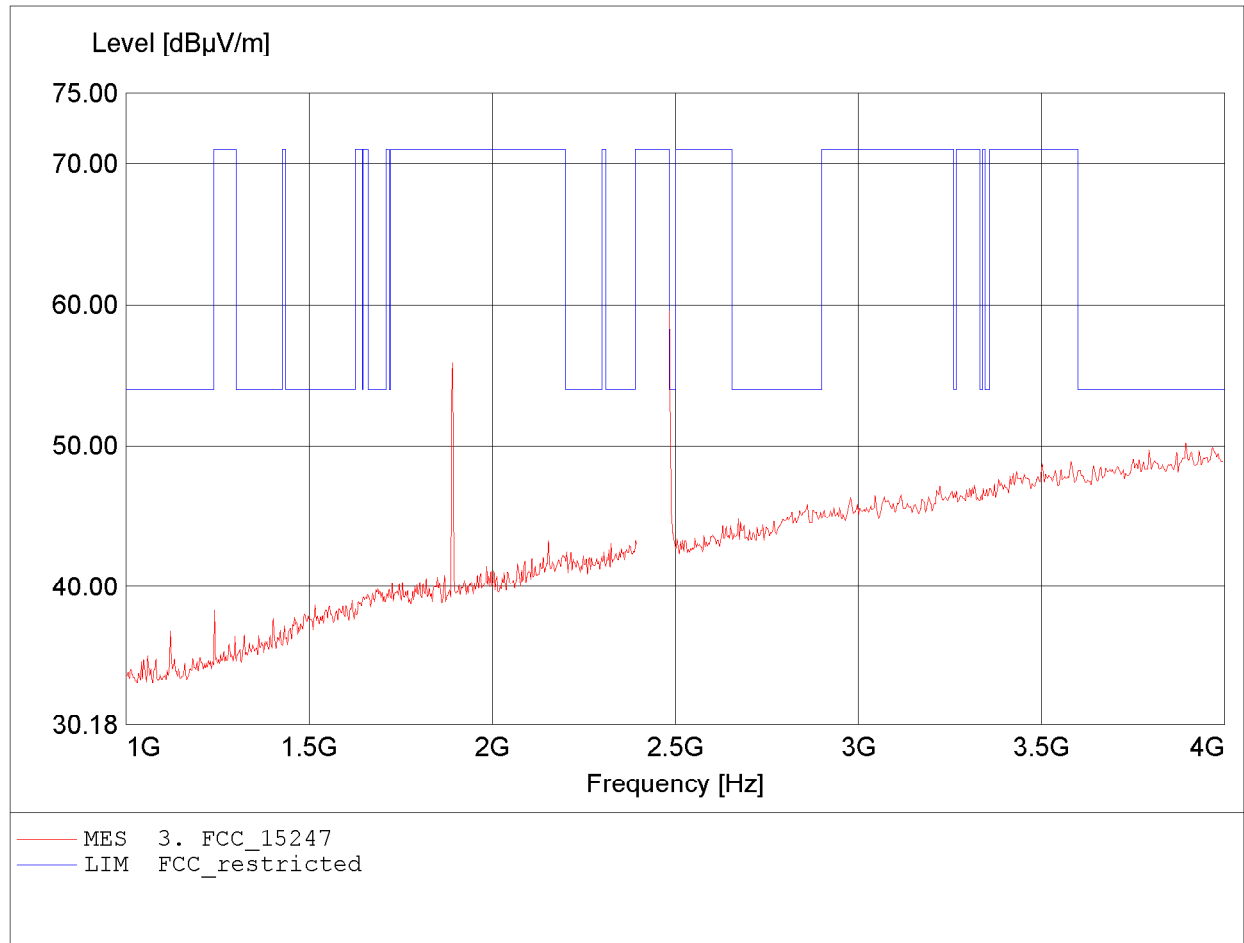
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.484GHz, Emax: 60.16dBµV/m, RBW: 1MHz



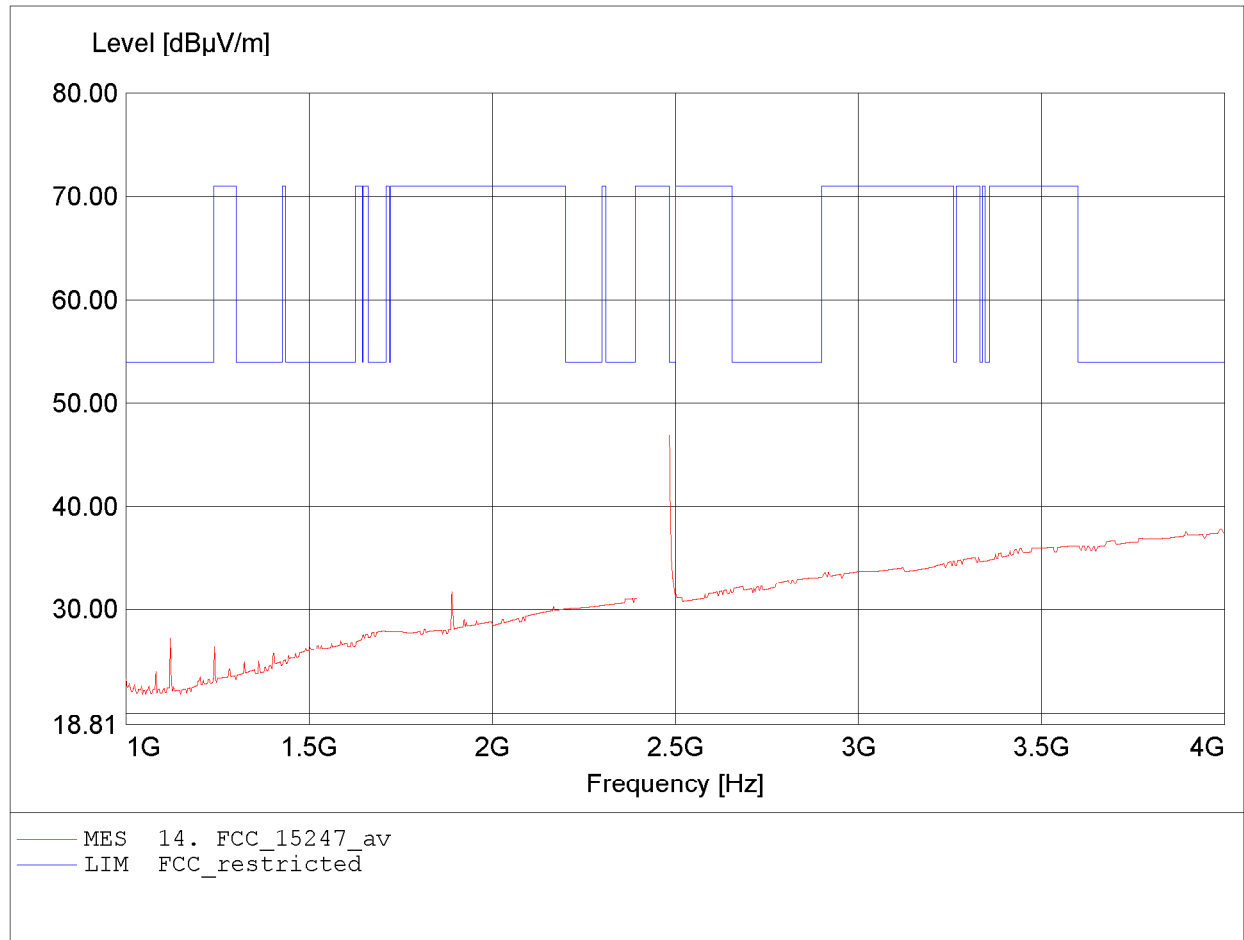
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.484GHz, Emax: 59.59dBµV/m, RBW: 1MHz



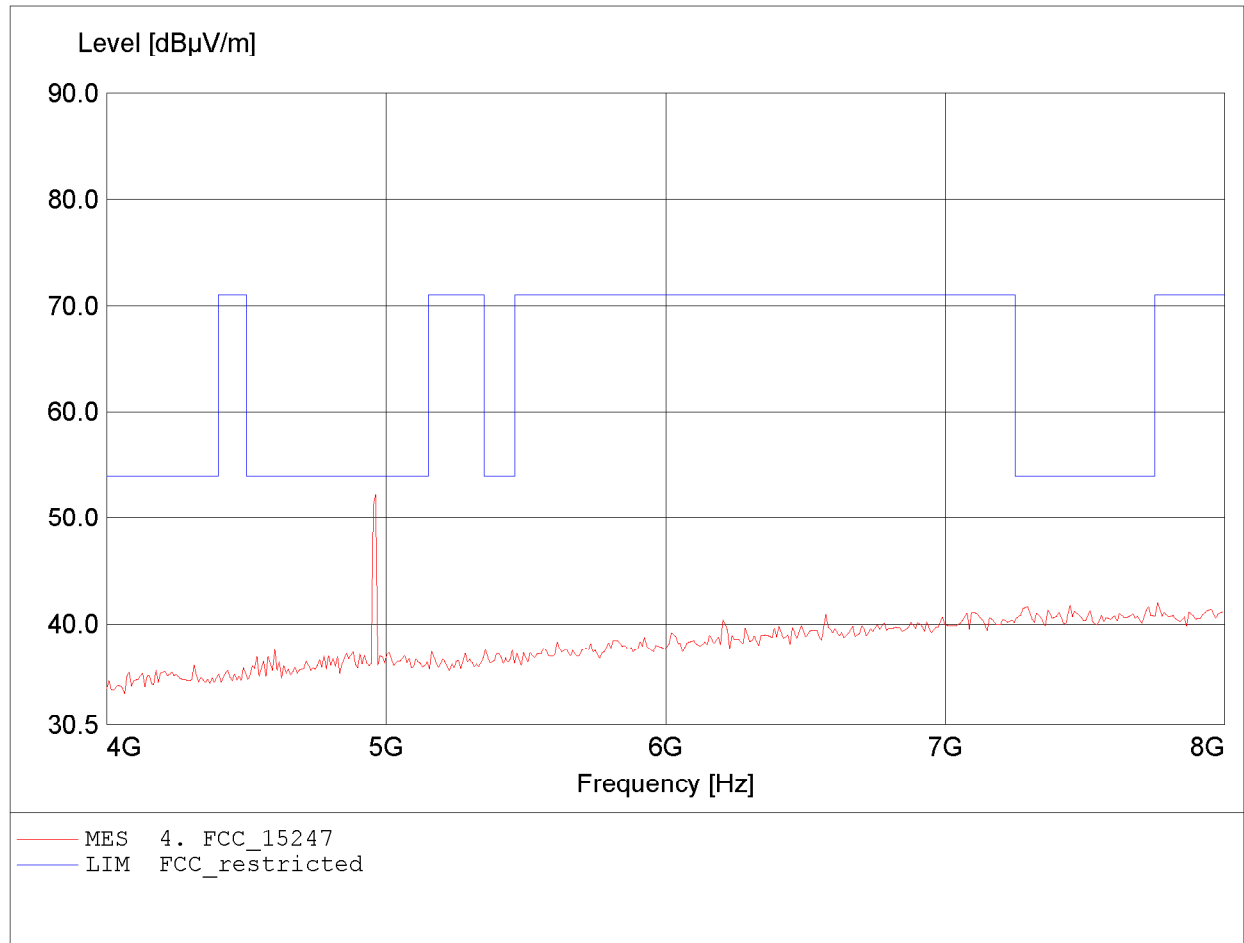
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 2.484GHz, Emax: 46.91dBµV/m, RBW: 1MHz



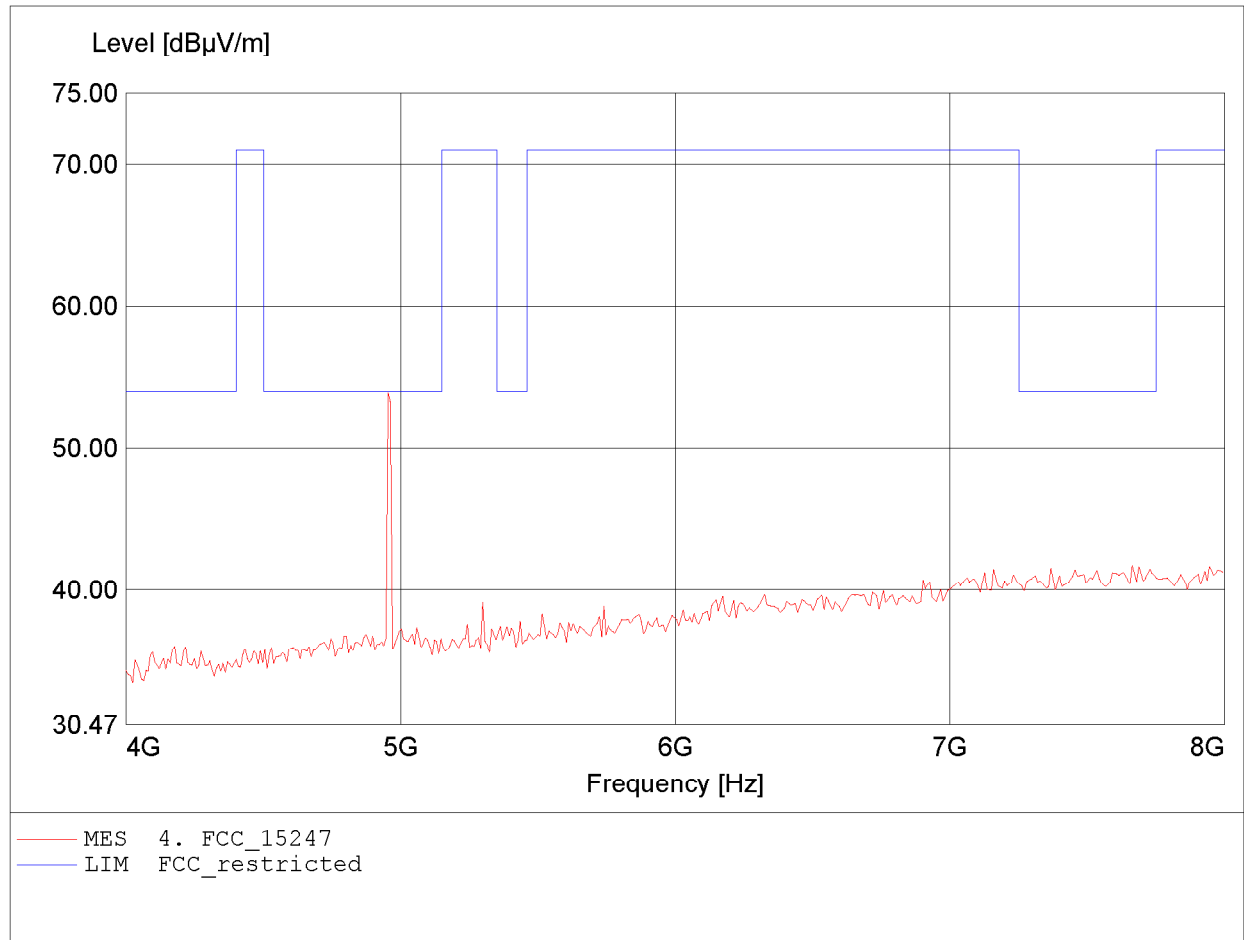
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 52.24dBµV/m, RBW: 1MHz



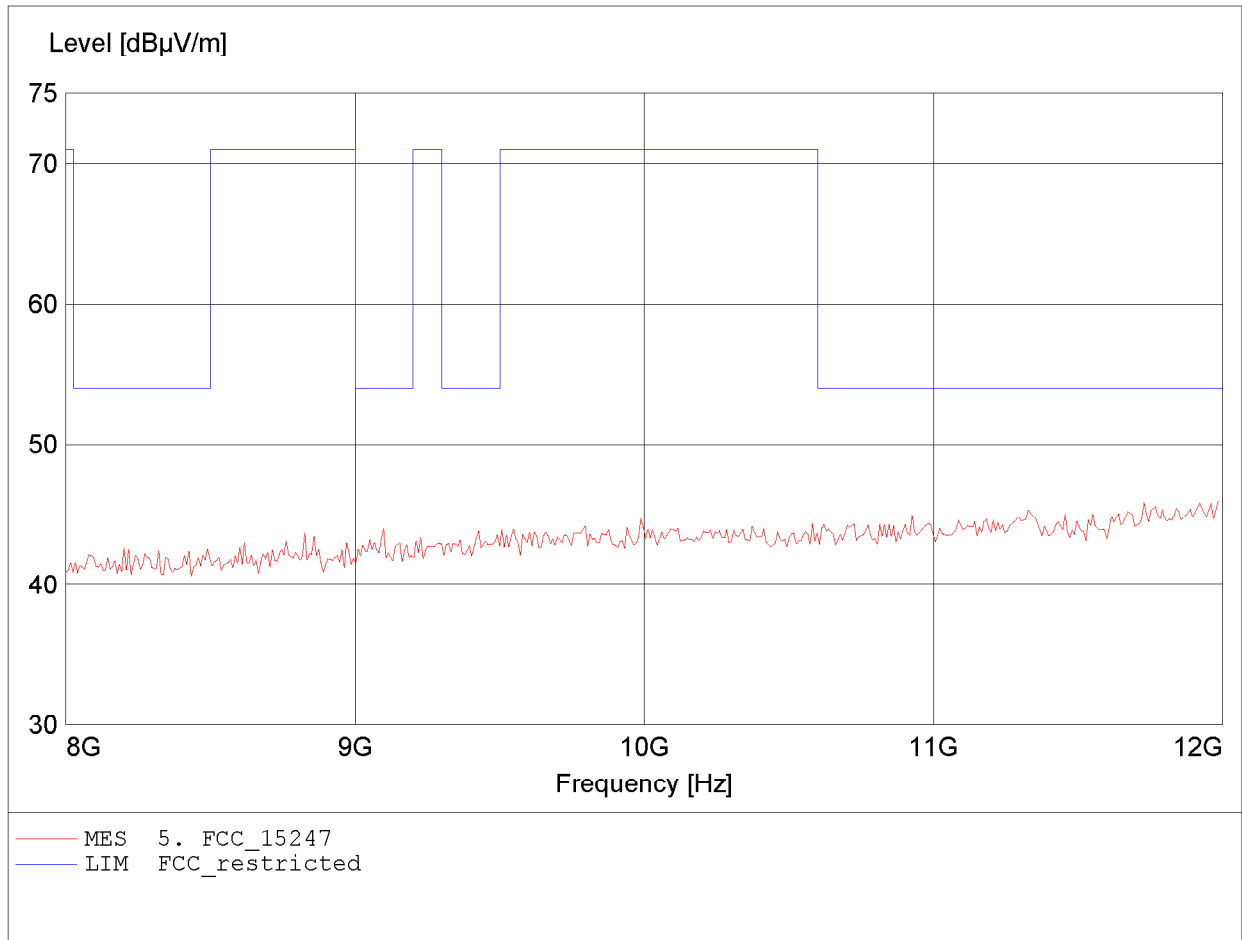
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 53.89dBµV/m, RBW: 1MHz



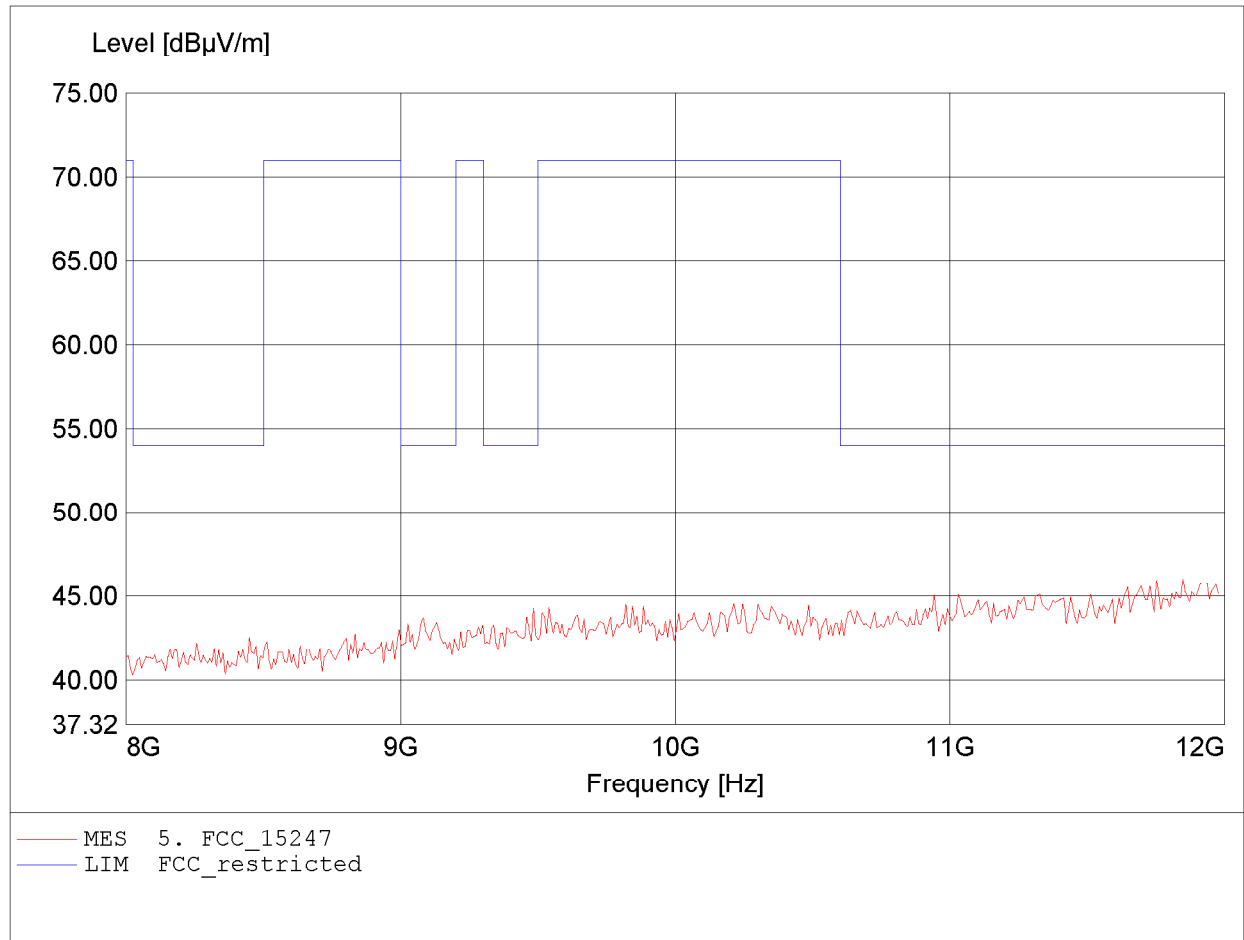
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.984GHz, Emax: 45.97dBµV/m, RBW: 1MHz



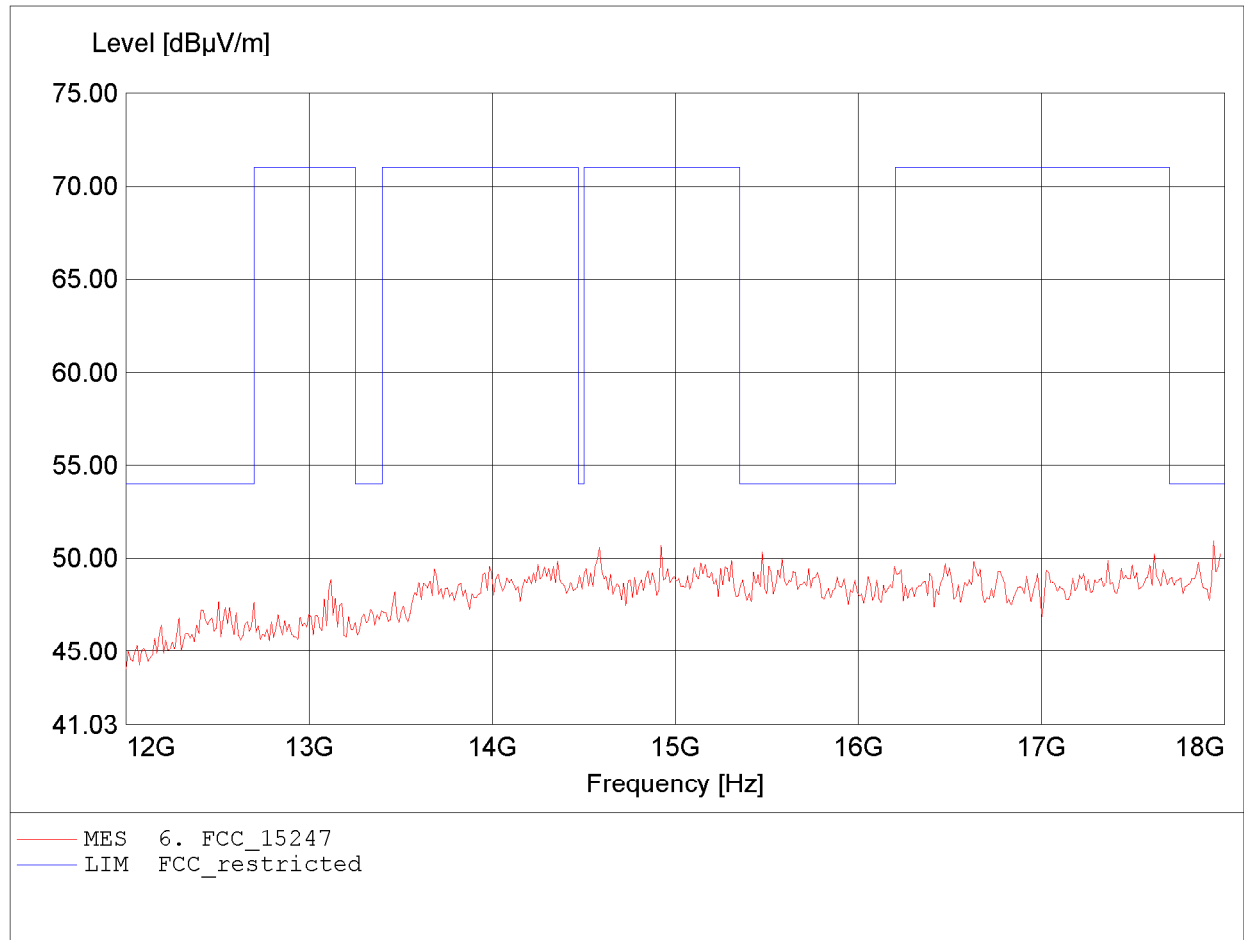
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.848GHz, Emax: 46.05dBµV/m, RBW: 1MHz



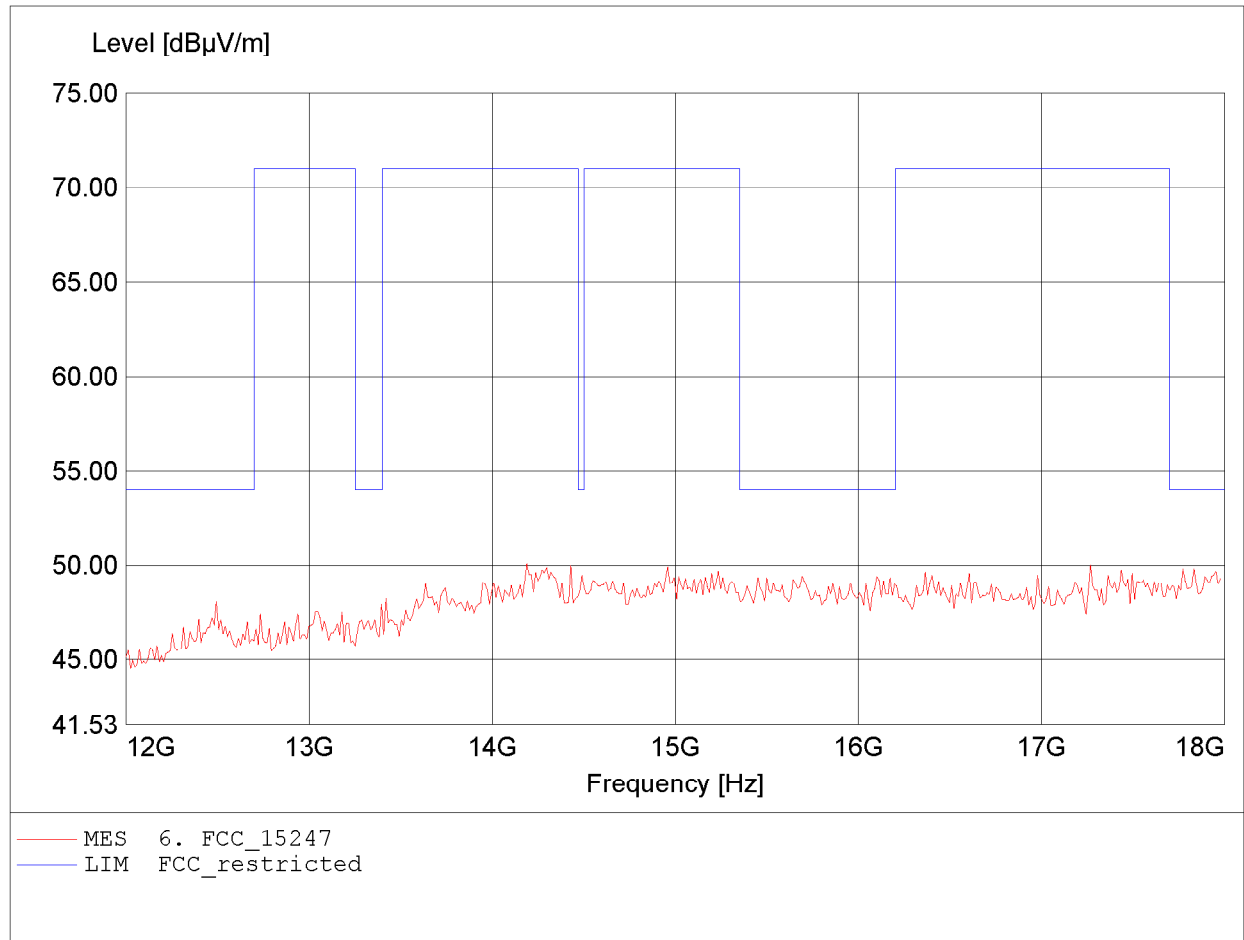
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.940GHz, Emax: 50.93dBµV/m, RBW: 1MHz



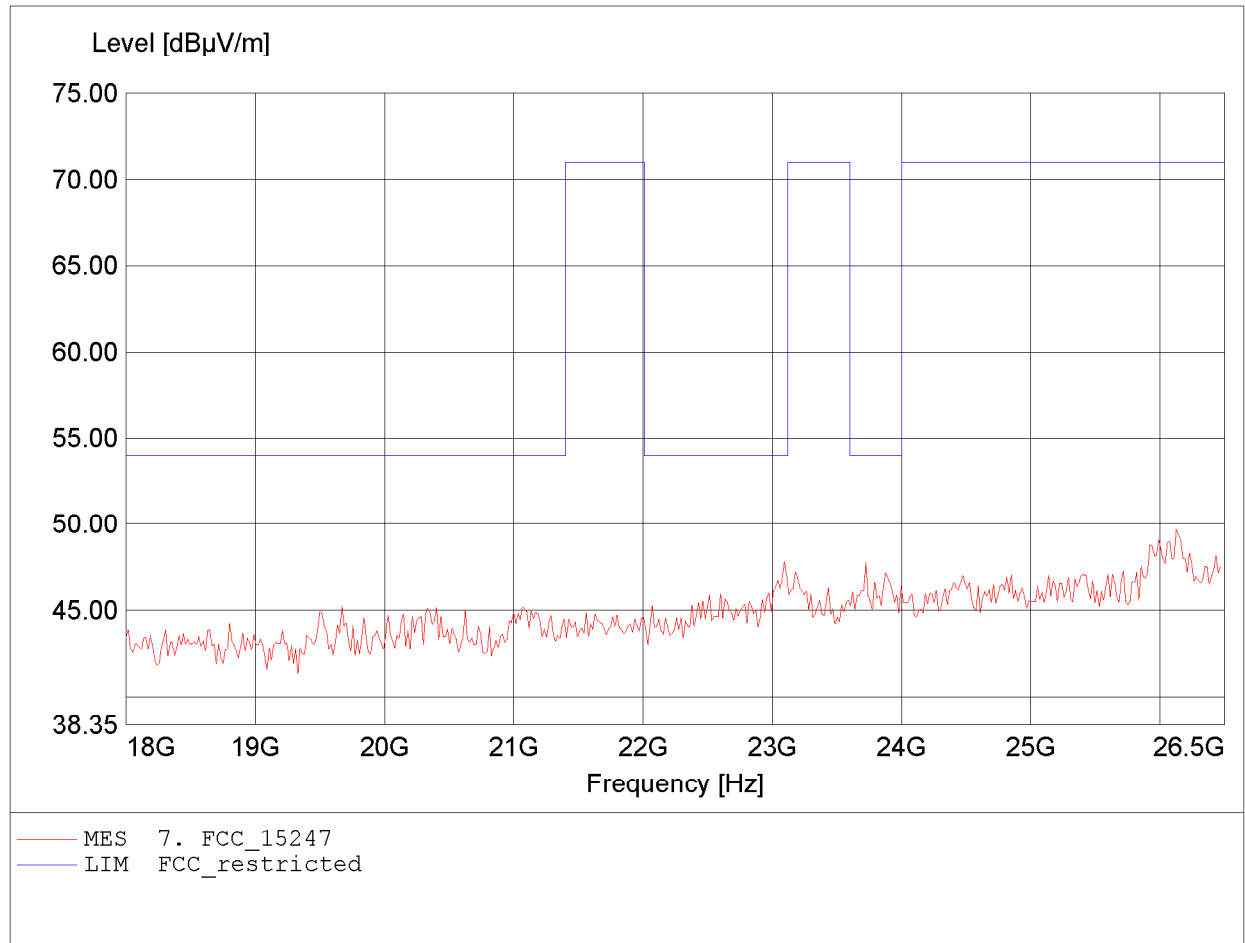
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 14.188GHz, Emax: 50.07dBµV/m, RBW: 1MHz



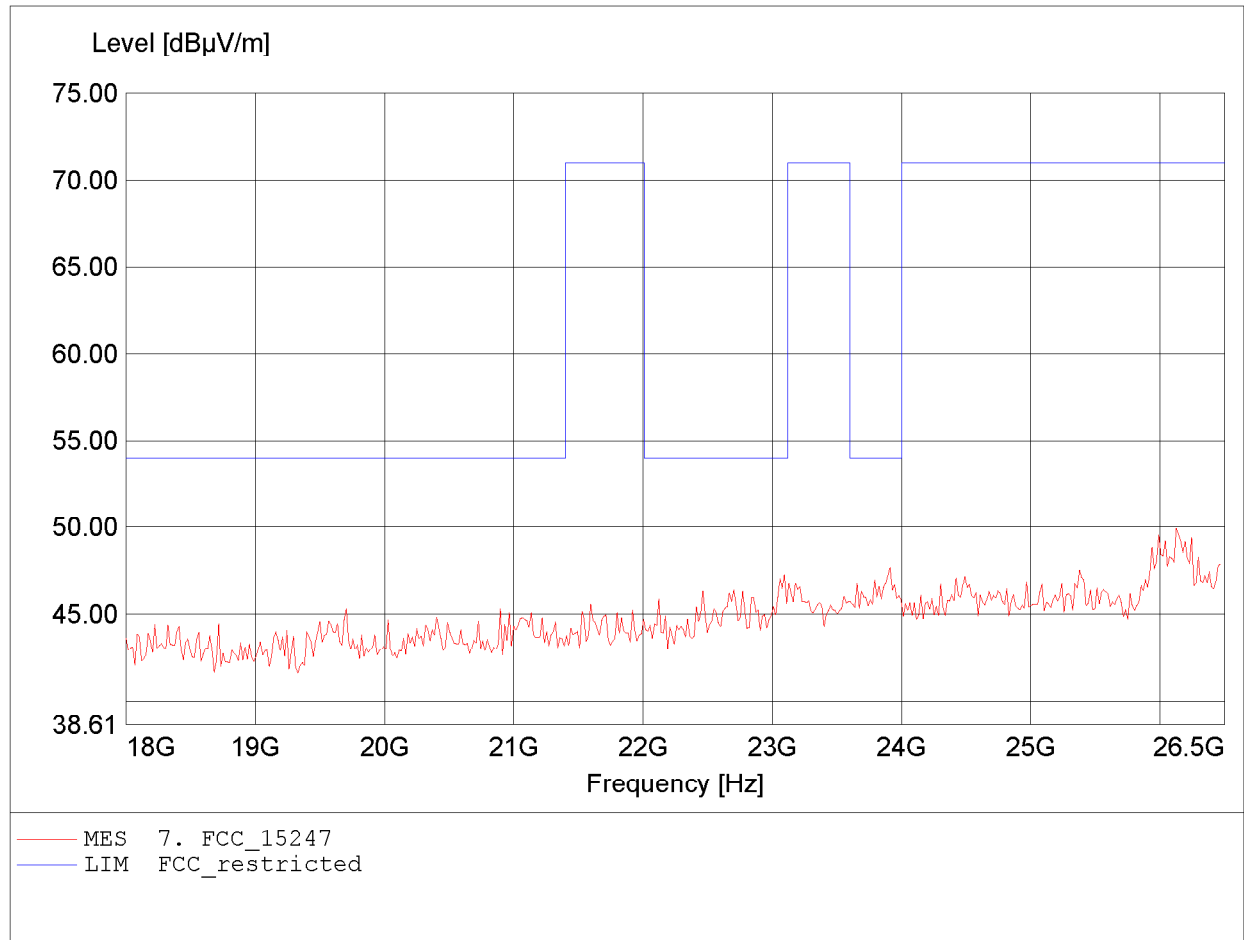
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.125GHz, Emax: 49.65dBµV/m, RBW: 1MHz



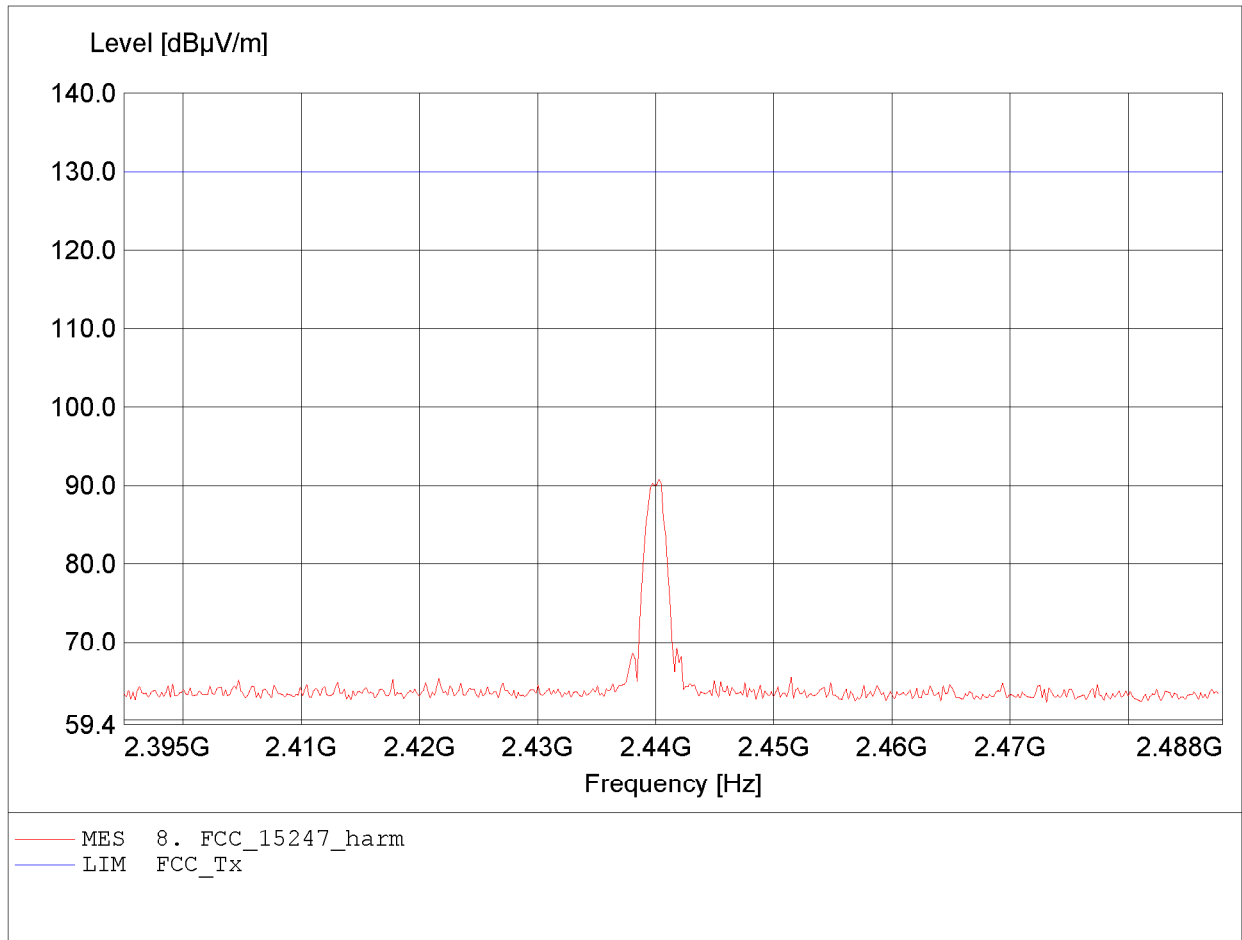
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A02A3E (PAN4570) / 2480 Mhz
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 9 V DC (battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.125GHz, Emax: 49.92dBµV/m, RBW: 1MHz



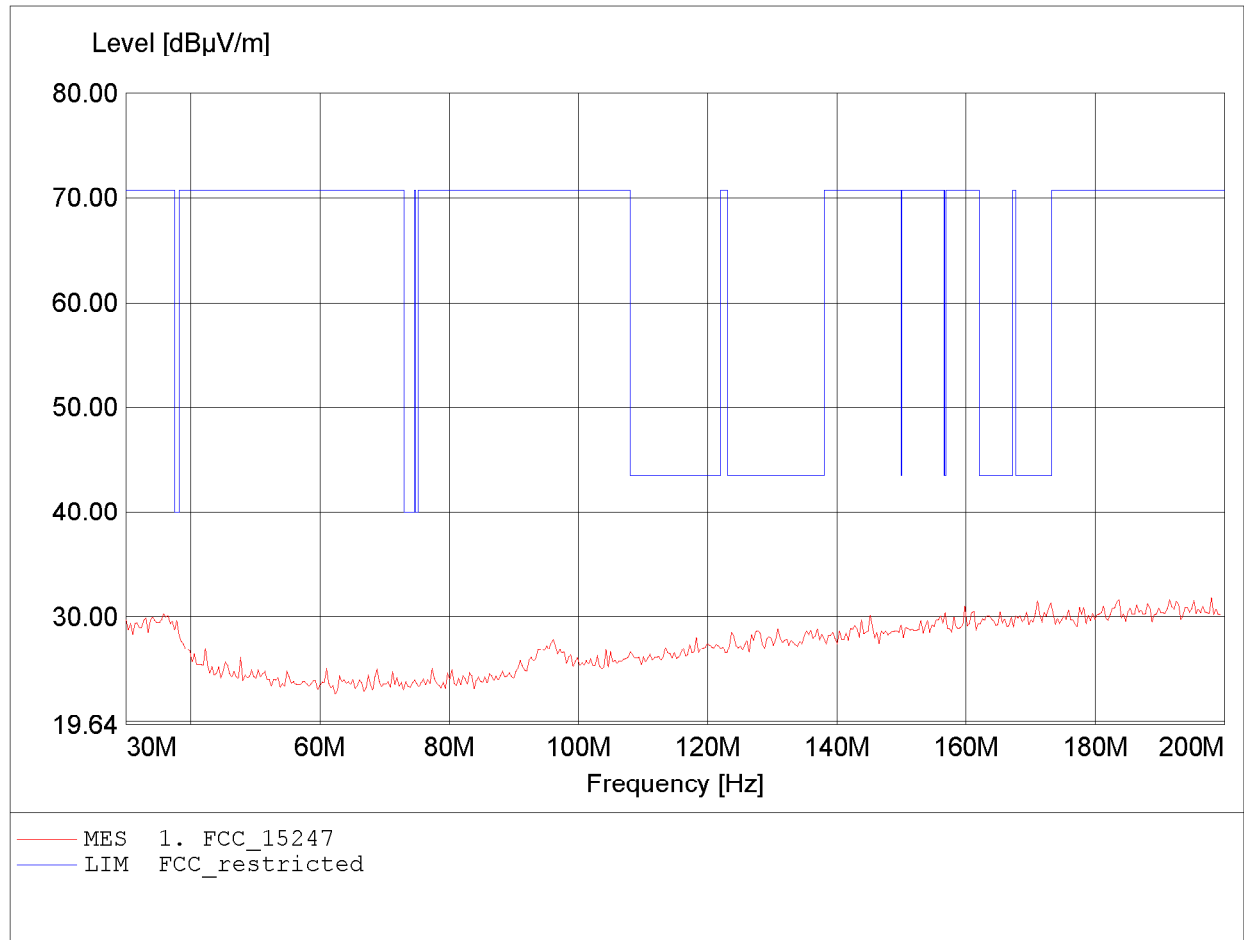
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A0A3E (ETRX2) / 2440 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 6 x 1.5 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 2.440GHz, Emax: 90.74dBµV/m, RBW: 100kHz



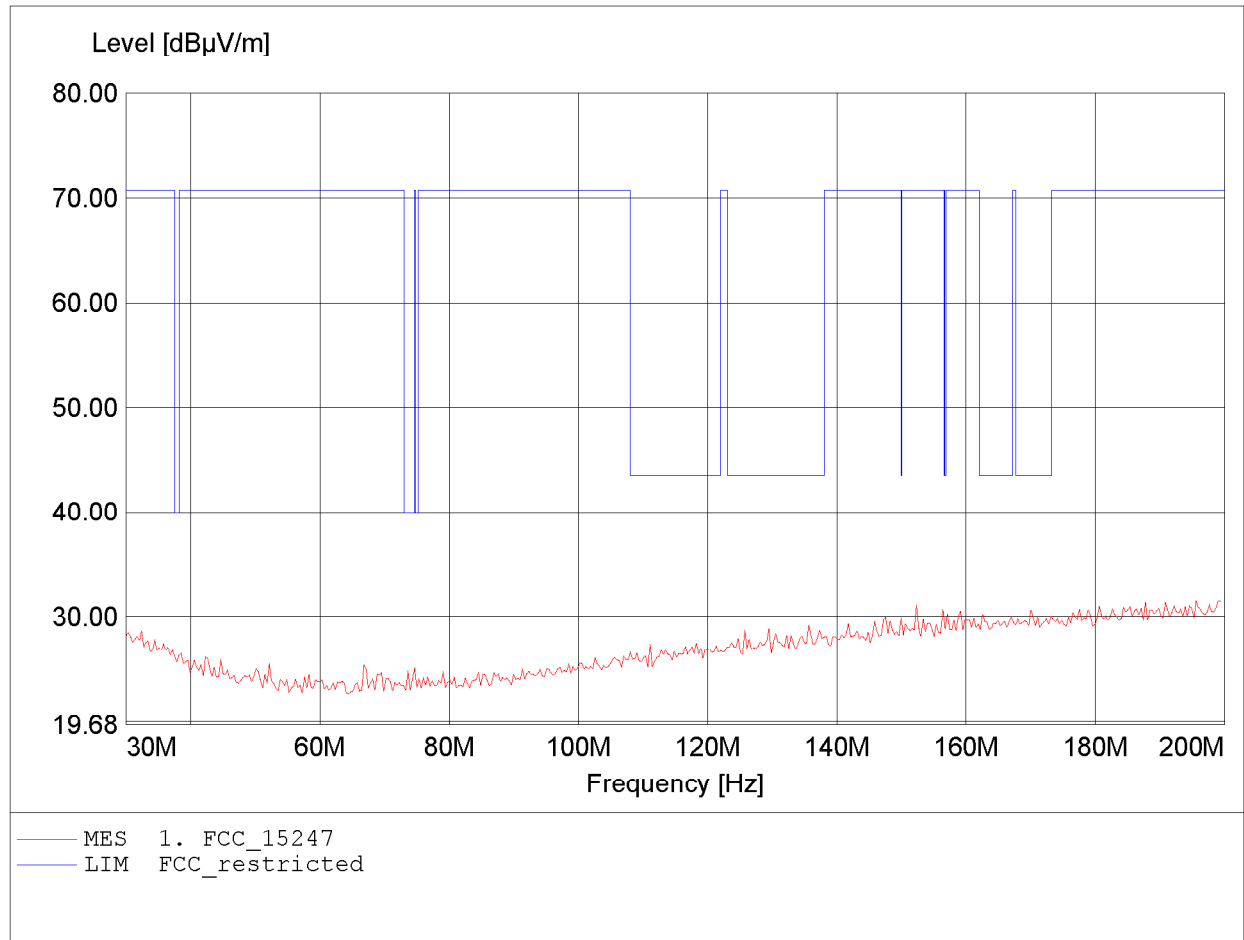
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A0A3E (ETRX2) / 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 6 x 1.5 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.956MHz, Emax: 31.77dBµV/m, RBW: 100kHz



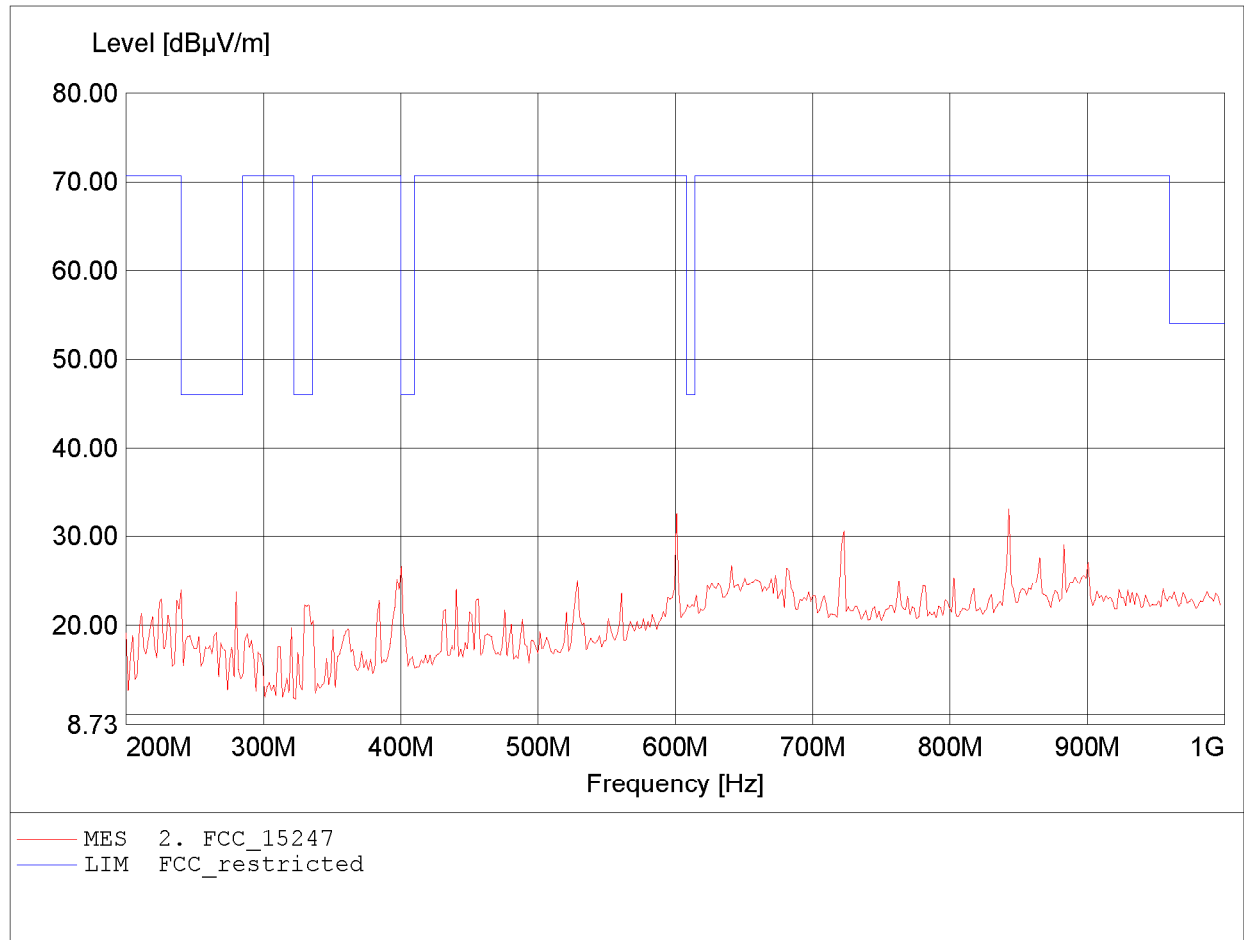
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A0A3E (ETRX2) / 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 6 x 1.5 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.978MHz, Emax: 31.51dBµV/m, RBW: 100kHz



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

Approval Holder: Panasonic Electronic Devices Europe GmbH
EUT: ZigBee - Module
Model: ENWC9A0A3E (ETRX2) / 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 6 x 1.5 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 842.886MHz, 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: ENWC9A0A3E (ETRX2) / 2405 MHz
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 6 x 1.5 V DC (battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 600.802MHz, Emax: 33.63dBµV/m, RBW: 100kHz

