Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

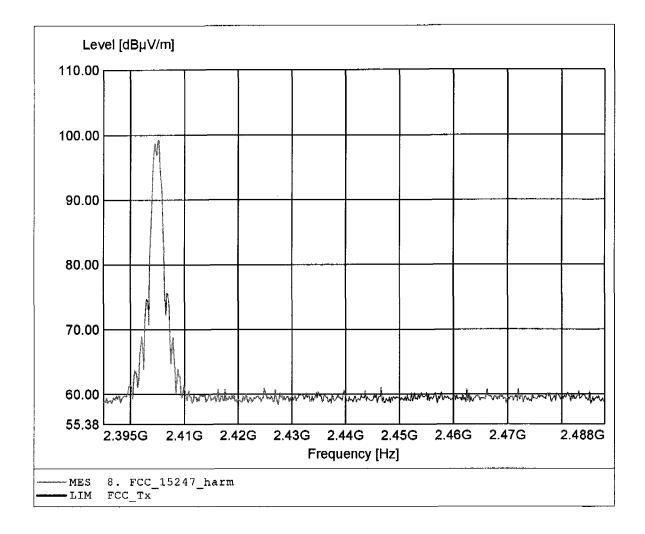
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model:

Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D

Dist.: 3m, Ant.: BBHA9120D Freq: 2.405GHz, Emax: 99.20dBµV/m, RBW: 100kHz Comment 2:



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS

EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

Mode: Channel: 11 / 2405 MHz / Ant. 2

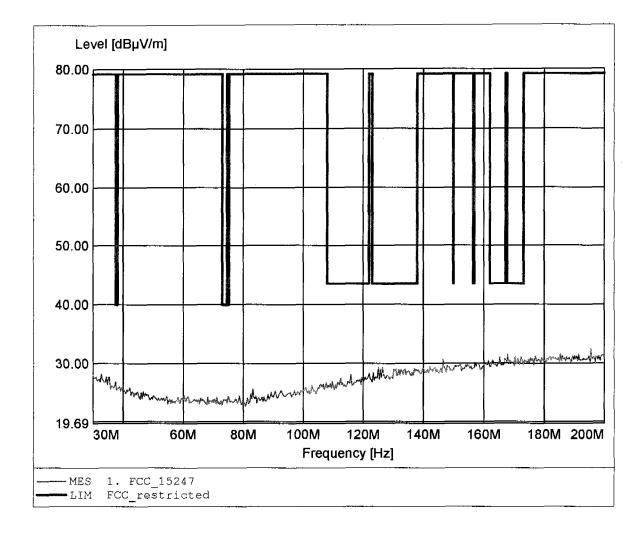
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247

Comment 1: Dist.: 3m, Ant.: HK 116

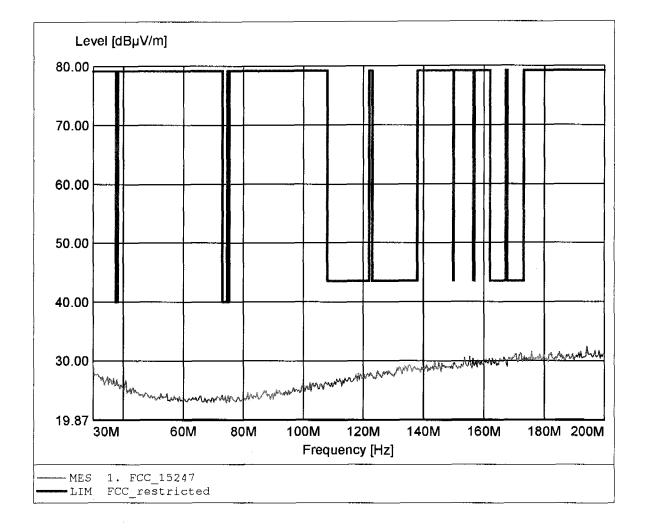
Comment 2: Freq: 195.571MHz, Emax: 32.57dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.208MHz, Emax: 32.44dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2

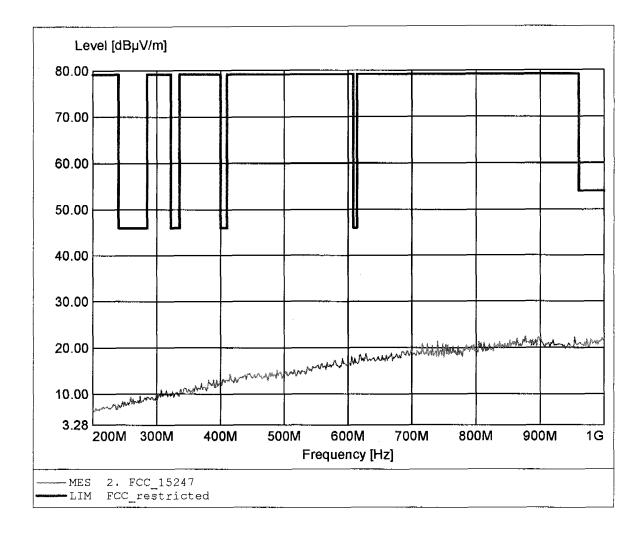
EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Comment 2: Freq: 876.553MHz, Emax: 22.48dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

Approval Holder:

LUXLABS LTD. DBA MESHNETICS
2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Channel: 11 / 2405 MHz / Ant. 2 EUT / Model: Mode:

Mode: Channel: II / 2405 MHz / Ant. 2

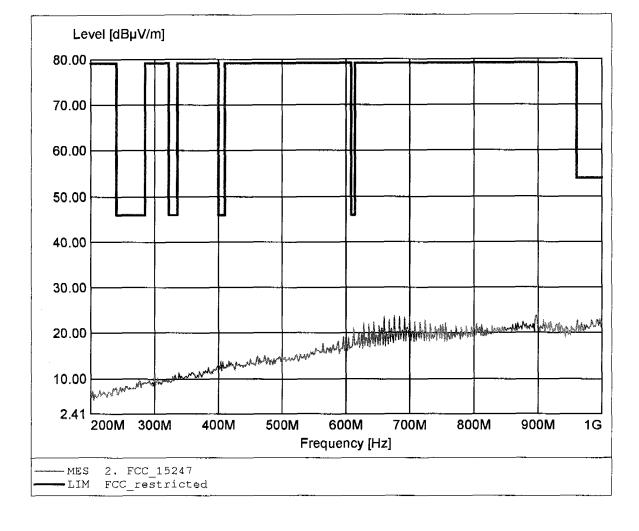
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Comment 2: Freq: 895.792MHz, Emax: 23.75dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2

EUT / Model: Mode:

Mode: Channel: 11 / 2405 MHz / Ant. 2

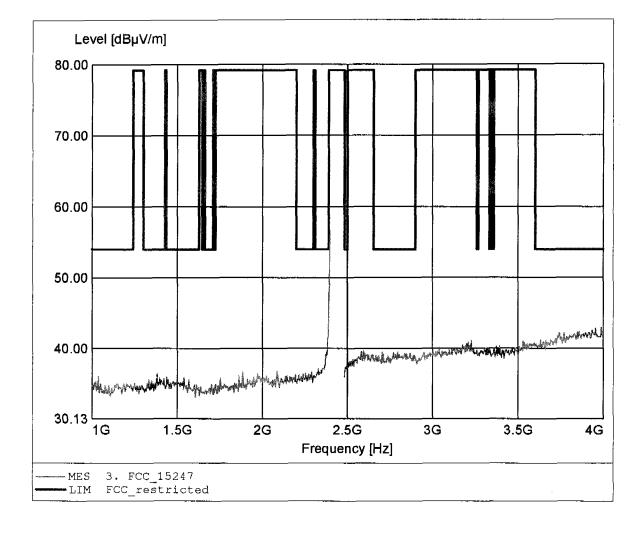
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter

Comment 2: Freq: 2.397GHz, Emax: 56.62dBµV/m, RBW: 1MHz



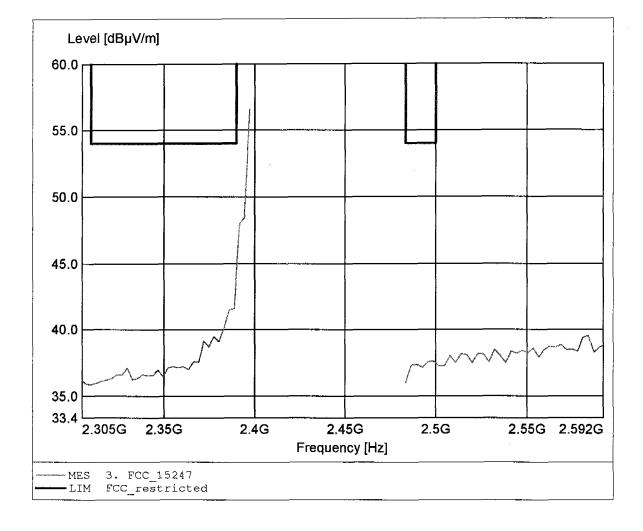
FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector

Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter Freq: 2.397GHz, Emax: 56.62dBµV/m, RBW: 1MHz Comment 1: Comment 2:



FCC RULES PART 15, SUBPART C

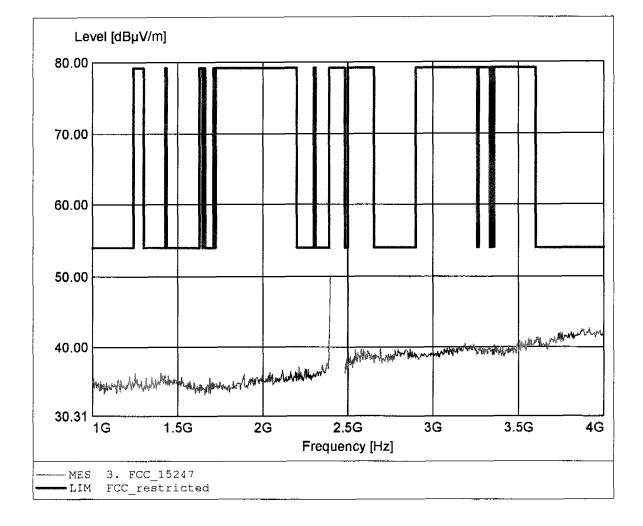
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model:

Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.397GHz, Emax: 49.81dBµV/m, RBW: 1MHz



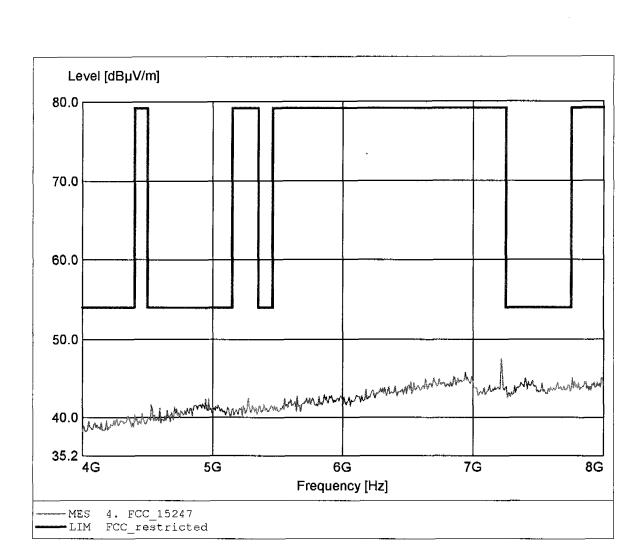
FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model:

Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector Test Condition.
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 47.50dBµV/m, RBW: 1MHz



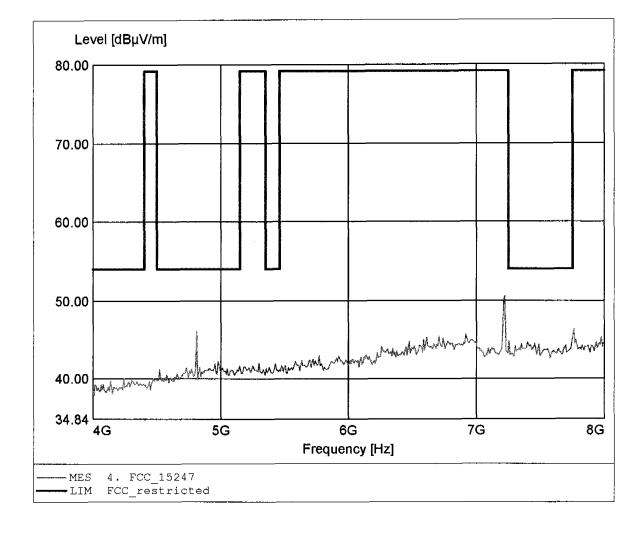
FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model:

Mode:

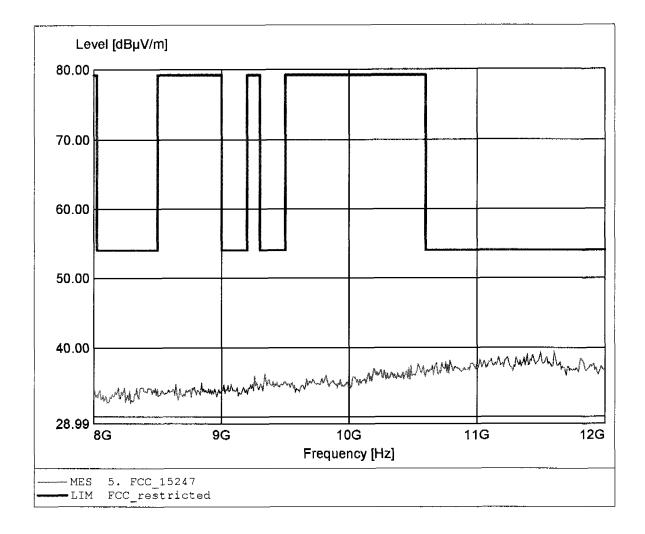
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.222GHz, Emax: 50.62dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.599GHz, Emax: 39.53dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

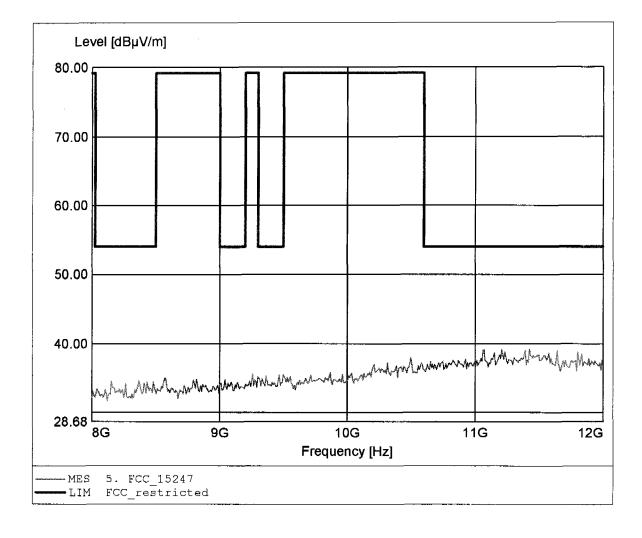
Approval Holder: LUXLABS LTD. DBA MESHNETICS

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 11 / 2405 MHz / Ant. 2 ZDM-A1281-B0 EUT / Model:

Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Freq: 11.423GHz, Emax: 39.25dBµV/m, RBW: 1MHz Comment 1:

Comment 2:

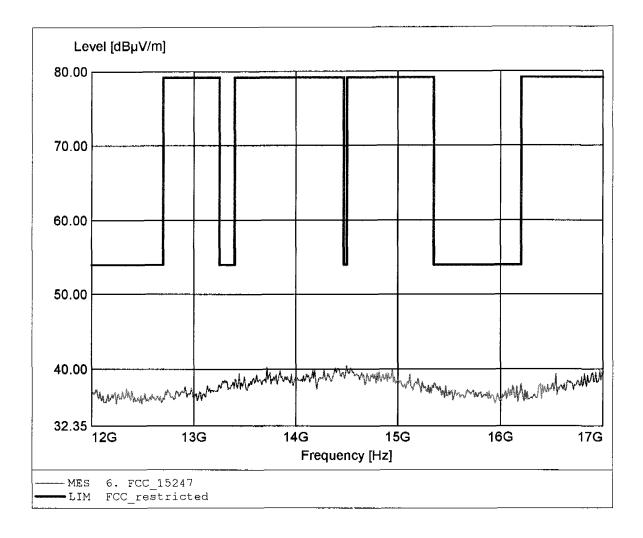


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.495GHz, Emax: 40.48dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model: Mode:

Mode: Channel: 11 / 2405 MHz / ARt. 2

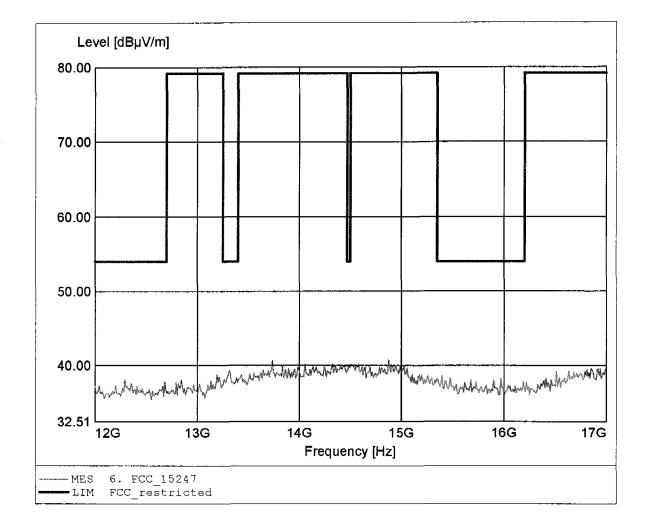
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.

Comment 2: Freq: 14.876GHz, Emax: 40.77dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

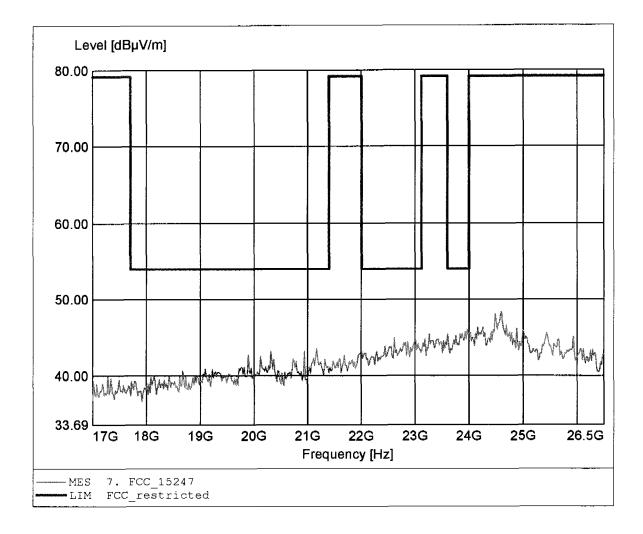
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 11 / 2405 MHz / Ant. 2 EUT / Model:

Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

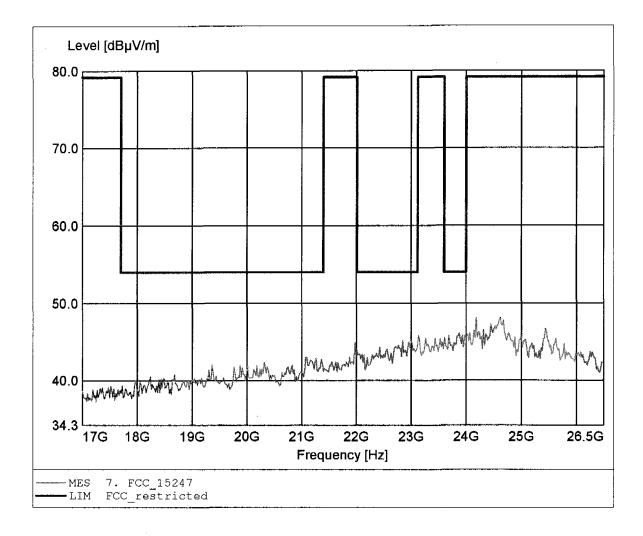
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.596GHz, Emax: 48.36dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.177GHz, Emax: 48.10dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS

EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

Mode: Channel: 19 / 2445 MHz / Ant. 2

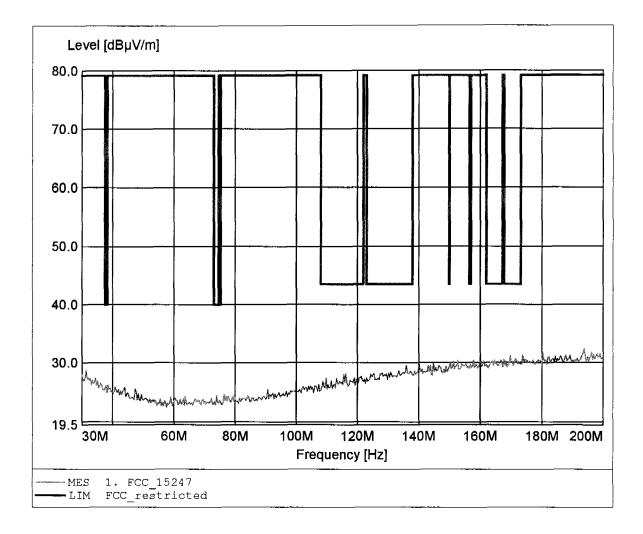
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247

Comment 1: Dist.: 3m, Ant.: HK 116

Comment 2: Freq: 193.868MHz, Emax: 32.40dBµV/m, RBW: 100kHz

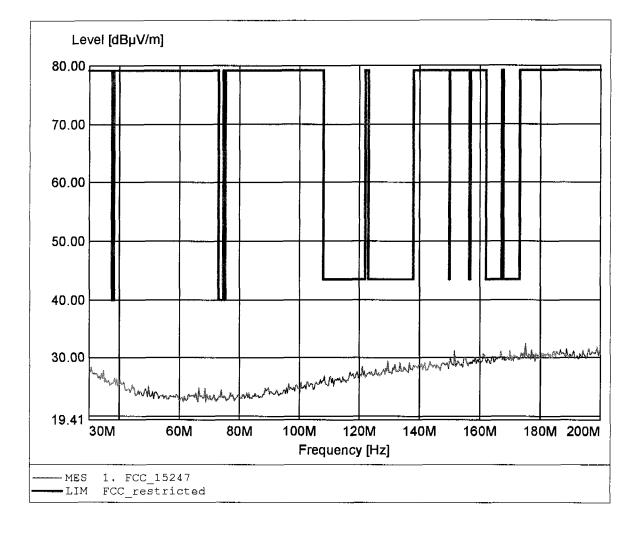


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

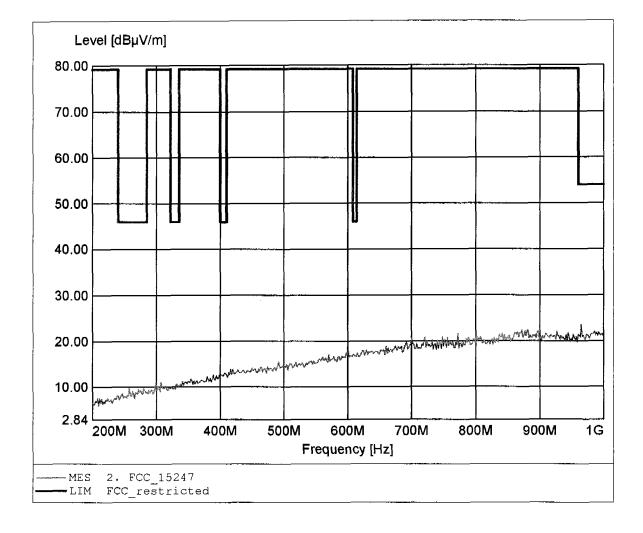
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 175.130MHz, Emax: 32.45dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

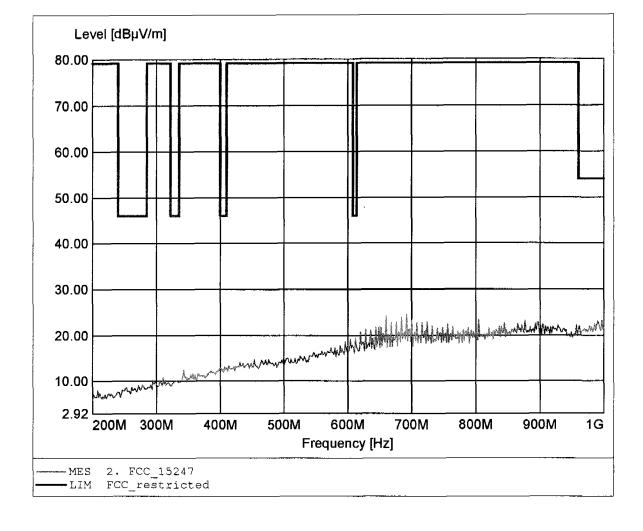
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 964.729MHz, Emax: 23.56dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 692.184MHz, Emax: 24.57dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

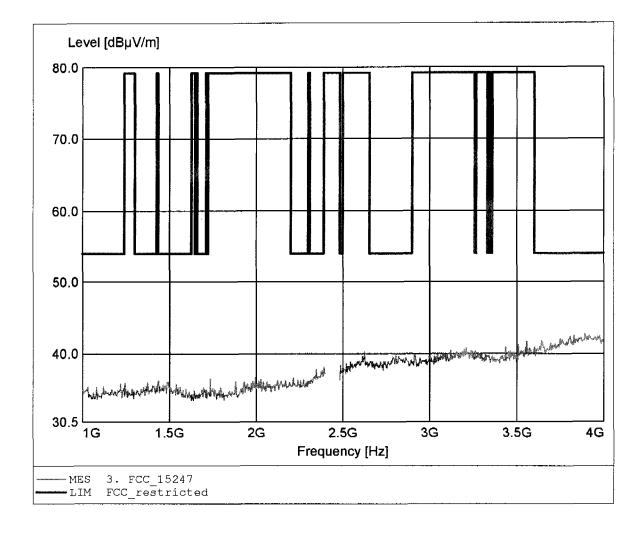
/ ZDM-A1281-B0

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector

Test Condition:
Test Specification:
Comment 1:
Comment 1:
Comment 2:

Bist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Freq: 3.891GHz, Emax: 42.71dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS

EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

Mode: Channel: 19 / 2445 MHz / Ant. 2

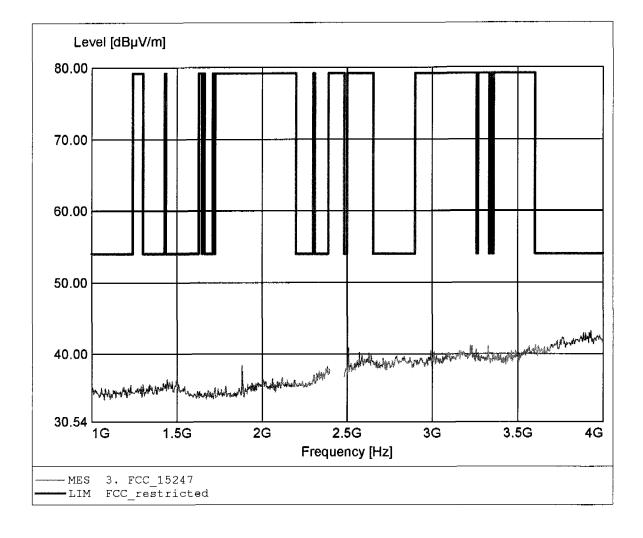
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter

Comment 2: Freq: 3.927GHz, Emax: 43.24dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

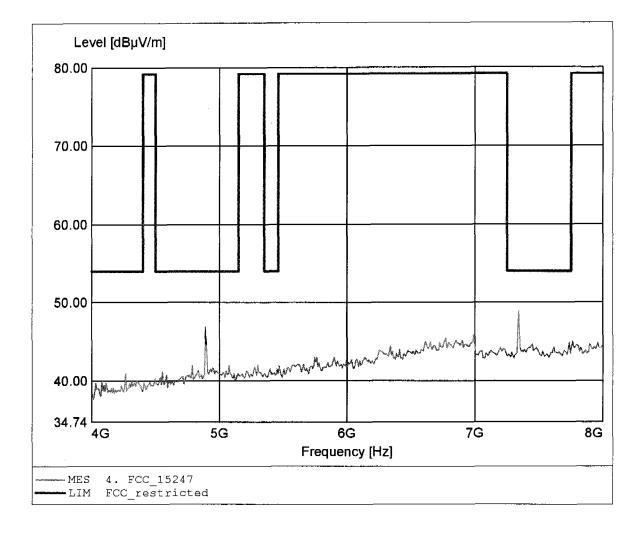
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Mode: Chainer: 15 / Zita And / List - Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector Test Specification:

Dist.: 3m, Ant.: BBHA9120D, ampl.+HP. Comment 1:

Dist.: 3m, Ant.: BBNA91200, ampr....... Freq: 7.343GHz, Emax: 48.81dBpV/m, RBW: 1MHz Comment 2:

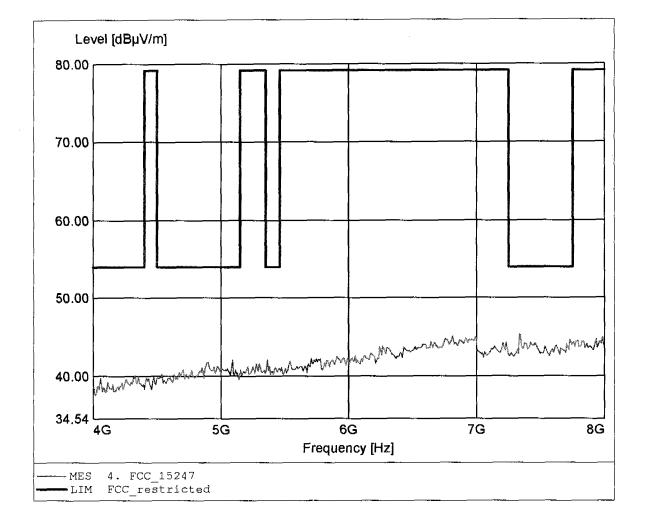


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.335GHz, Emax: 45.25dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

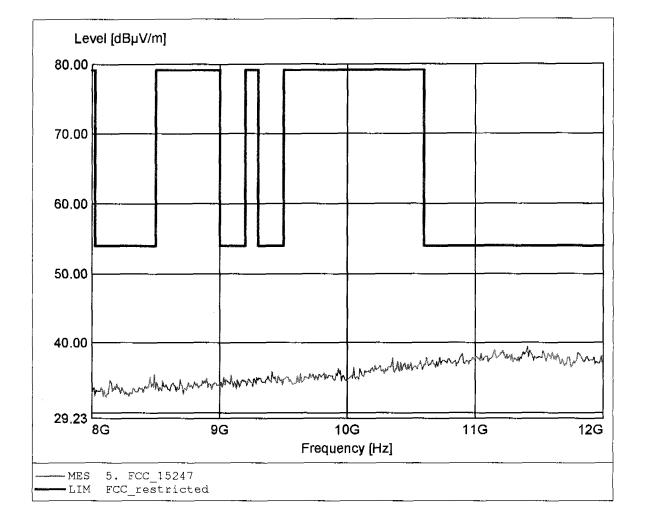
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector

Dist.: 3m, Ant.: BBHA9120D, ampl.+HP. Comment 1:

Freq: 11.407GHz, Emax: 39.39dBuV/m, RBW: 1MHz Comment 2:



FCC RULES PART 15, SUBPART C

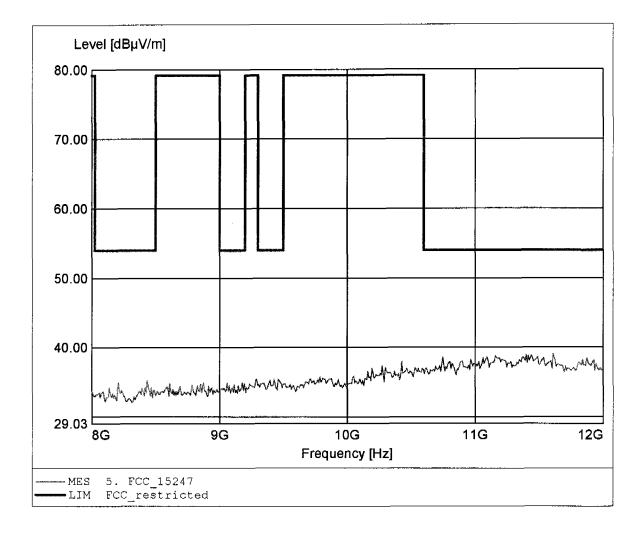
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model:

Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector Test Specification: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP. Comment 1:

Freq: 11.607GHz, Emax: 39.04dBμV/m, RBW: 1MHz Comment 2:

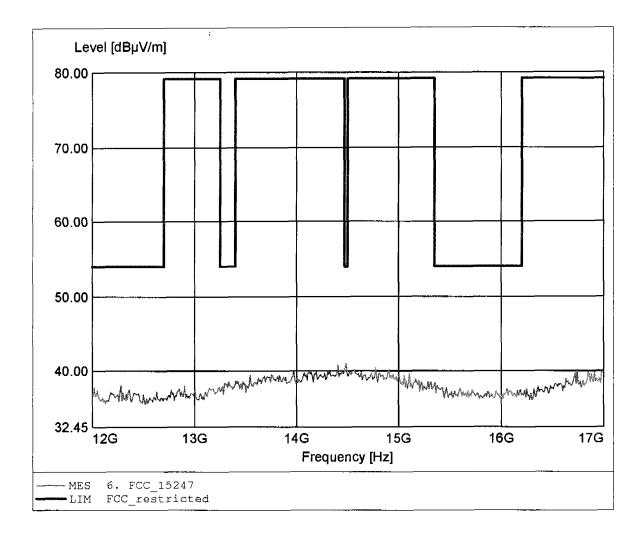


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.485GHz, Emax: 41.02dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

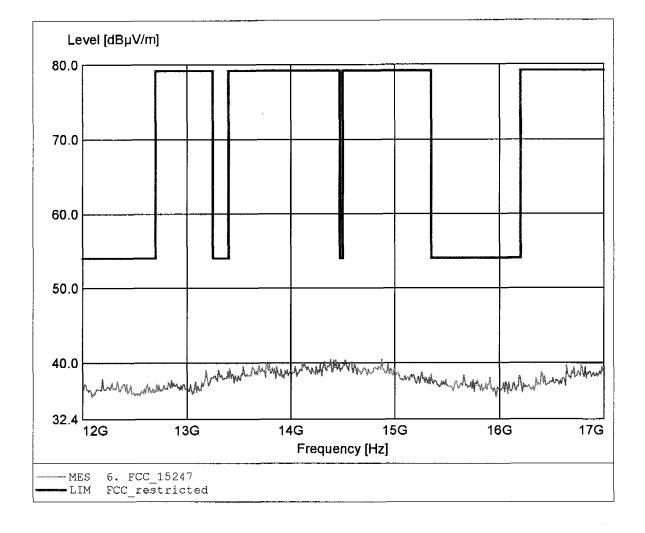
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Specification: cation: according to \$15.247, peak detector
Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Freq: 14.385GHz, Emax: 40.51dBµV/m, RBW: 1MHz

Comment 1:

Comment 2:



FCC RULES PART 15, SUBPART C

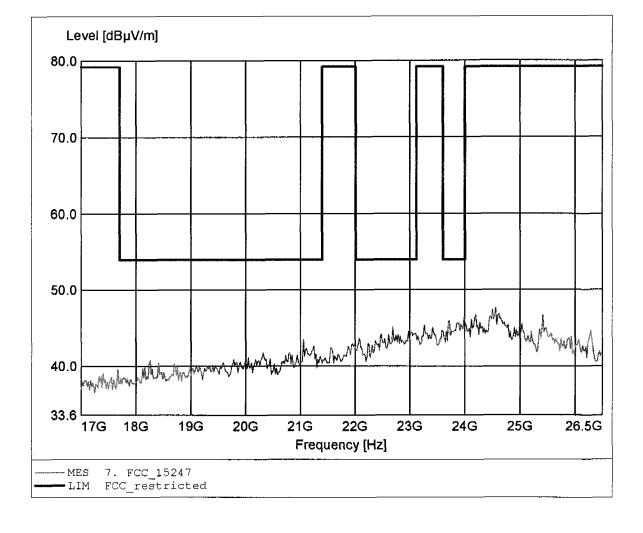
LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Specification:

Comment 1:

cation: according to \$15.247, peak detector
Dist.: 3m, Ant.: HL025, amplif.
Freq: 24.558GHz, Emax: 47.66dBpV/m, RBW: 1MHz Comment 2:



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Mode: Channel: 19 / 2445 MHz / Ant. 2

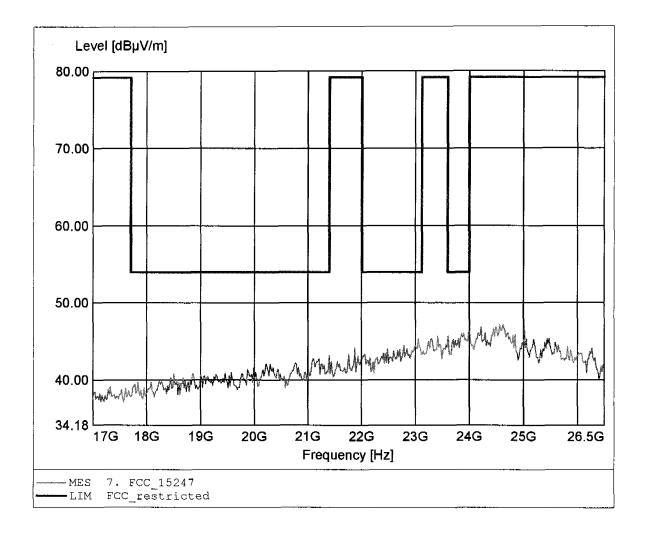
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Comment 2: Freq: 24.615GHz, Emax: 47.12dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 26 / 2480 MHz / Ant. 2

EUT / Model: Mode:

Mode: Channel: 26 / 2480 MHz / Ant. 2

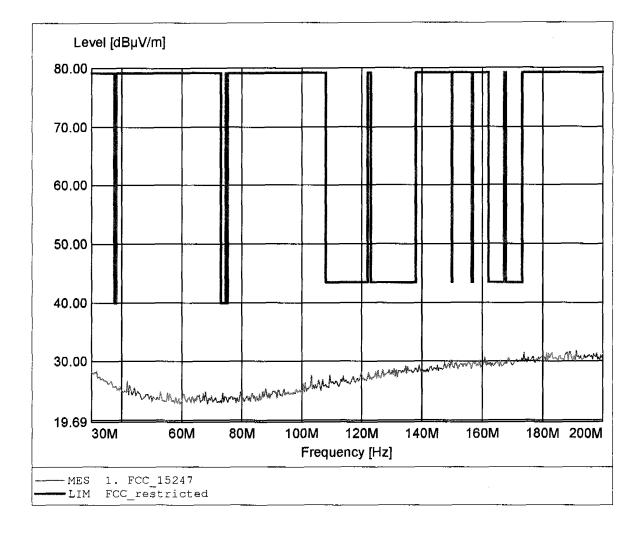
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247

Comment 1: Dist.: 3m, Ant.: HK 116

Comment 2: Freq: 191.142MHz, Emax: 31.79dBµV/m, RBW: 100kHz

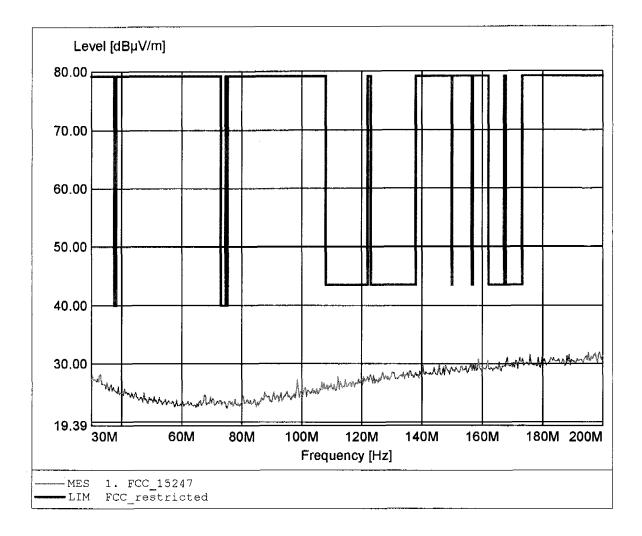


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 26 / 2480 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 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: 31.99dBpV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

Approval Holder: LUXLABS LTD. DBA MESHNETICS

EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

Mode: Channel: 26 / 2480 MHz / Ant. 2

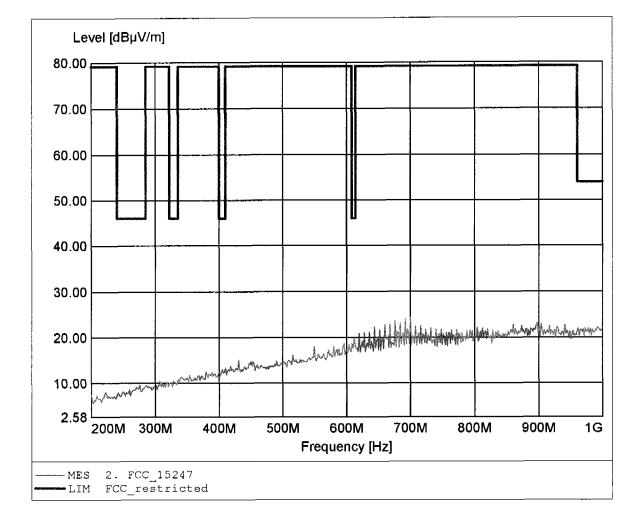
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Comment 2: Freq: 700.200MHz, Emax: 24.61dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

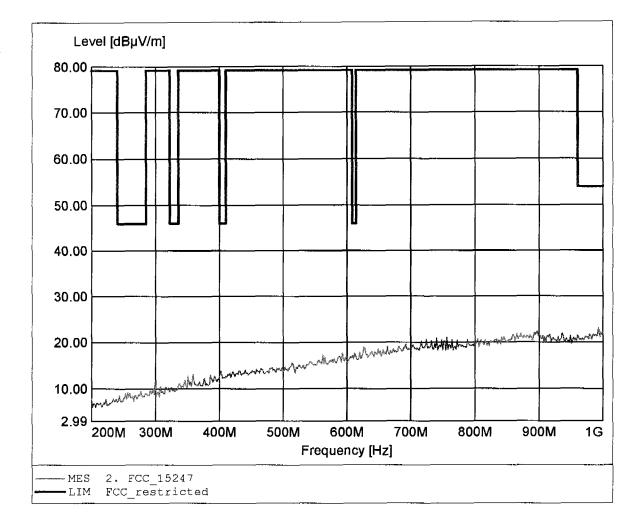
Approval Holder:

LUXLABS LTD. DBA MESHNETICS
2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE EUT / Model: Mode: / ZDM-A1281-B0

Channel: 26 / 2480 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 993.587MHz, Emax: 23.12dBuV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 26 / 2480 MHz / Ant. 2 ZDM-A1281-B0

EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, average detector

Test Condition:

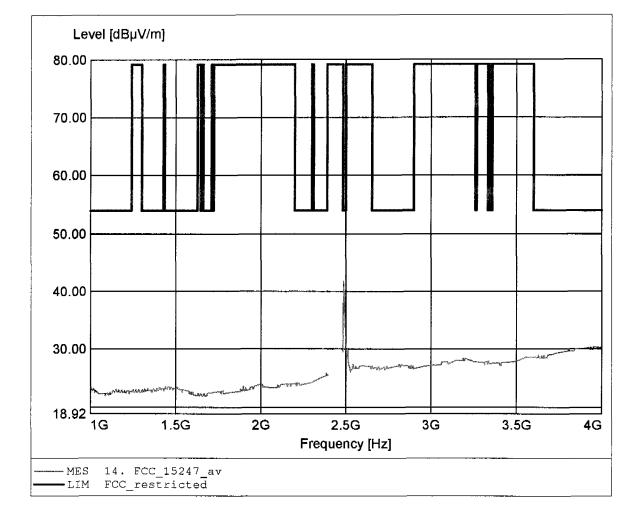
Test Specification:

Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter

Freq: 2.487GHz, Emax: 41.83dBµV/m, RBW: 1MHz

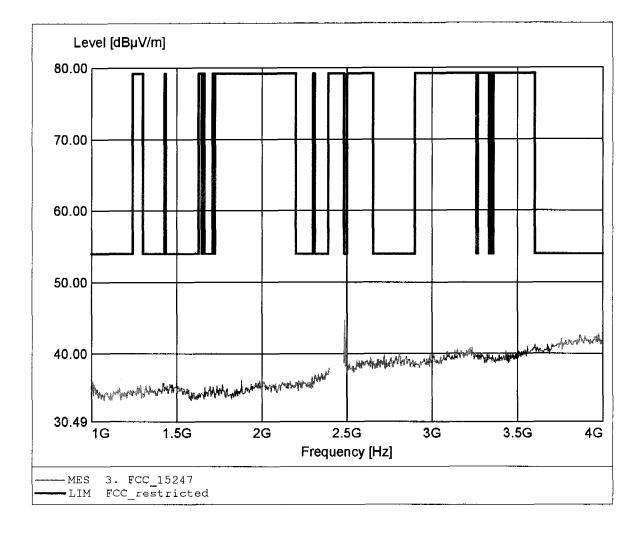


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 26 / 2480 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.487GHz, Emax: 44.67dBµV/m, RBW: 1MHz

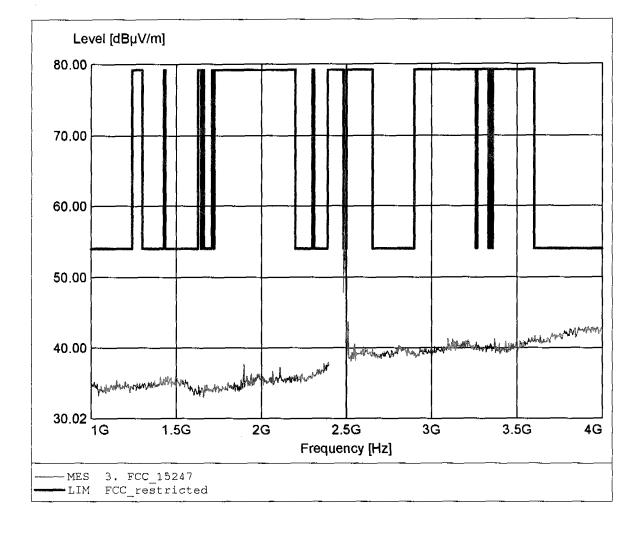


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 26 / 2480 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.487GHz, Emax: 56.27dBµV/m, RBW: 1MHz

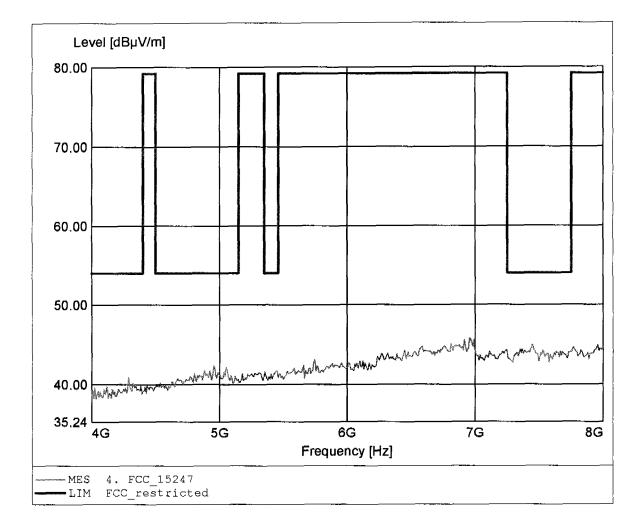


FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 26 / 2480 MHz / Ant. 2 ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.958GHz, Emax: 45.80dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

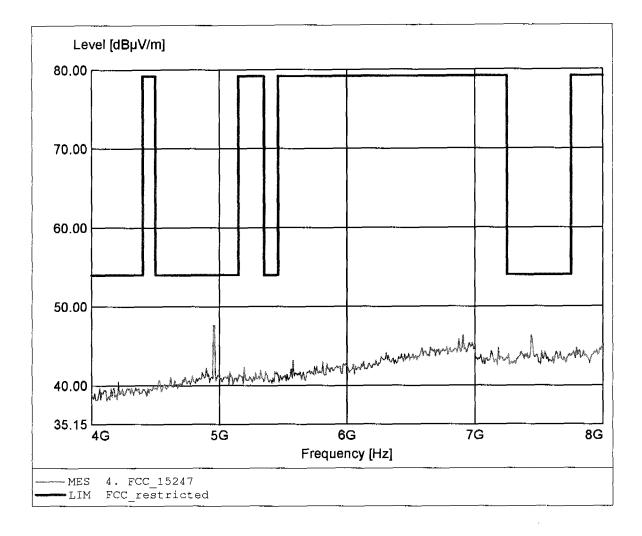
ZDM-A1281-B0

EUT / Model: Mode:

Channel: 26 / 2480 MHz / Ant. 2
ETS / Mr. Schlaps

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition: Test Specification: according to \$15.247, peak detector Comment 1:

Dist.: 3m, Ant.: BBHA9120D, ampl.+HP. Freq: 4.954GHz, Emax: 47.65dBµV/m, RBW: 1MHz Comment 2:



FCC RULES PART 15, SUBPART C

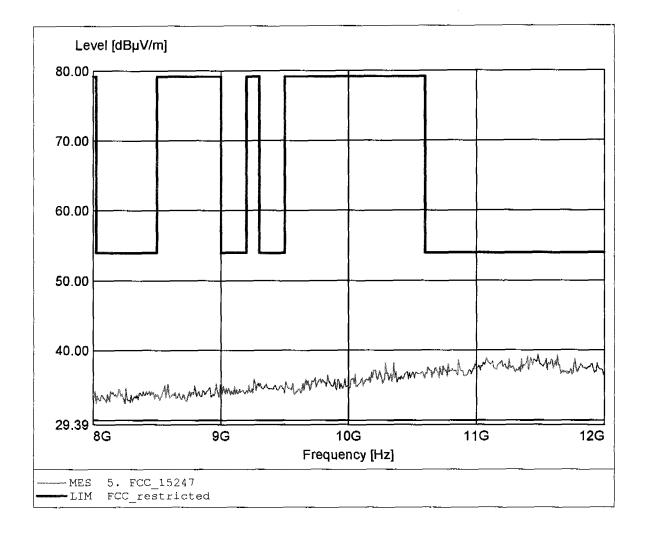
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 26 / 2480 MHz / Ant. 2 EUT / Model: Mode: ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector

Comment 1:

Dist.: 3m, Ant.: BBHA9120D, ampl.+HP. Freq: 11.479GHz, Emax: 39.33dBuV/m, RBW: 1MHz Comment 2:



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 26 / 2480 MHz / Ant. 2 ZDM-A1281-B0

Mode: Channel: 26 / 2480 MHz / ARt. 2

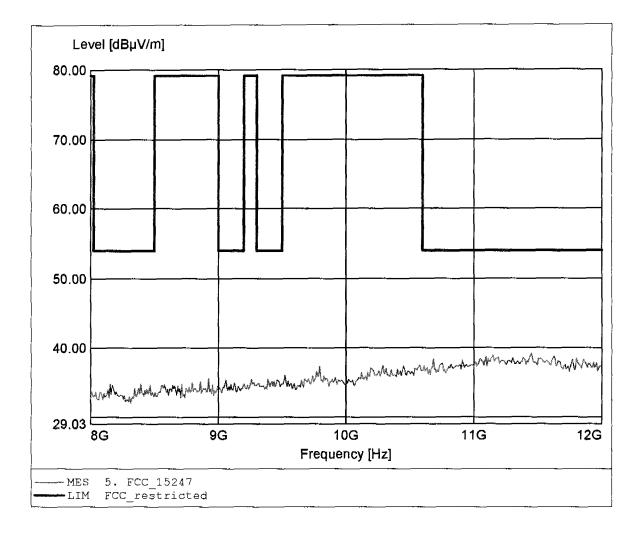
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.

Comment 2: Freq: 11.447GHz, Emax: 39.18dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

Approval Holder:

LUXLABS LTD. DBA MESHNETICS
2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 26 / 2480 MHz / Ant. 2
ETS / Mr. Schlang EUT / Model: Mode: ZDM-A1281-B0

Mode: Channel: 26 / 2480 MHz / Ant. 2

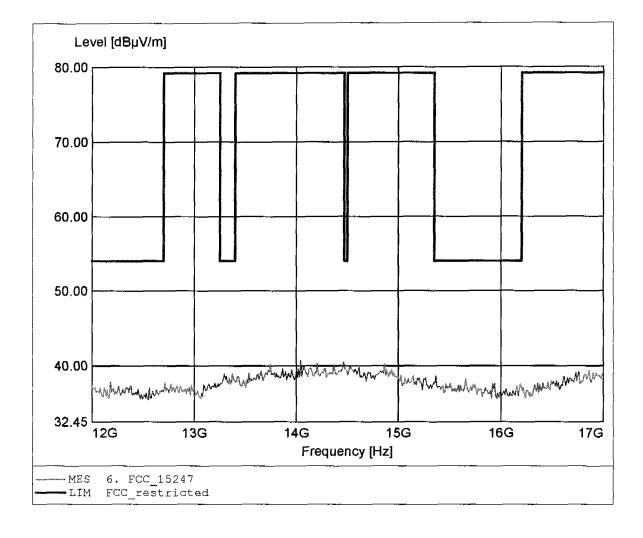
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.

Comment 2: Freq: 14.044GHz, Emax: 40.78dBµV/m, RBW: 1MHz



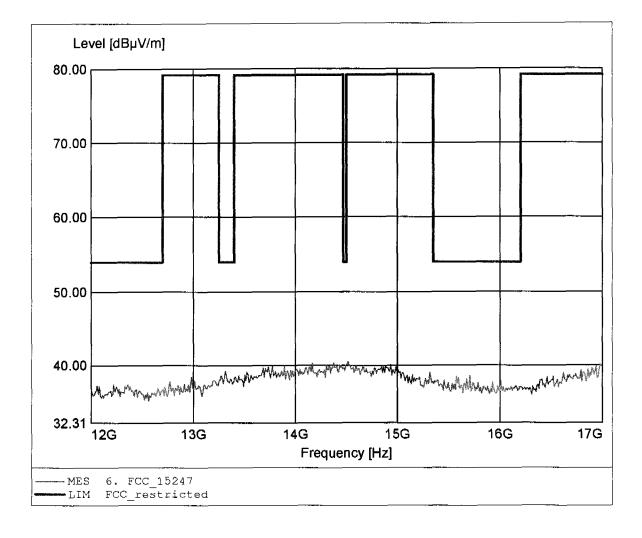
FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 26 / 2480 MHz / Ant. 2 EUT / Model: Mode: ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Specification: according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA9120D, ampl.+HP. Comment 1:

Dist.: 3m, Ant.: BBHA5120D, ampi....... Freq: 14.515GHz, Emax: 40.47dBµV/m, RBW: 1MHz Comment 2:



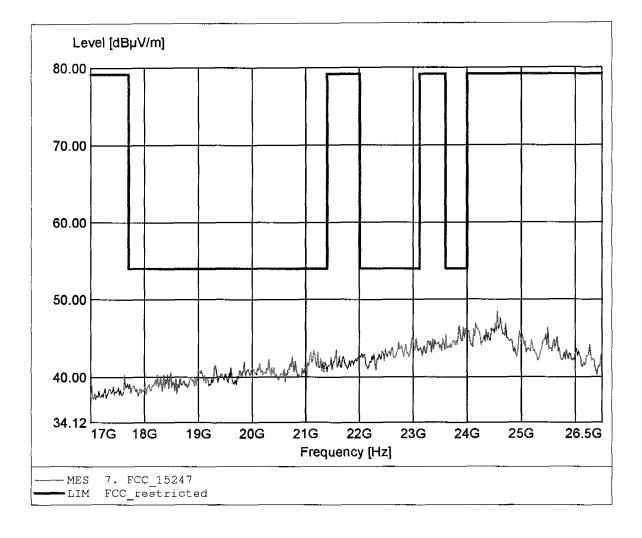
FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 26 / 2480 MHz / Ant. 2

EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to \$15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.558GHz, Emax: 48.45dBµV/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 26 / 2480 MHz / Ant. 2 EUT / Model:

Mode:

Mode: Channel: 26 / 2480 MHz / Ant. 2

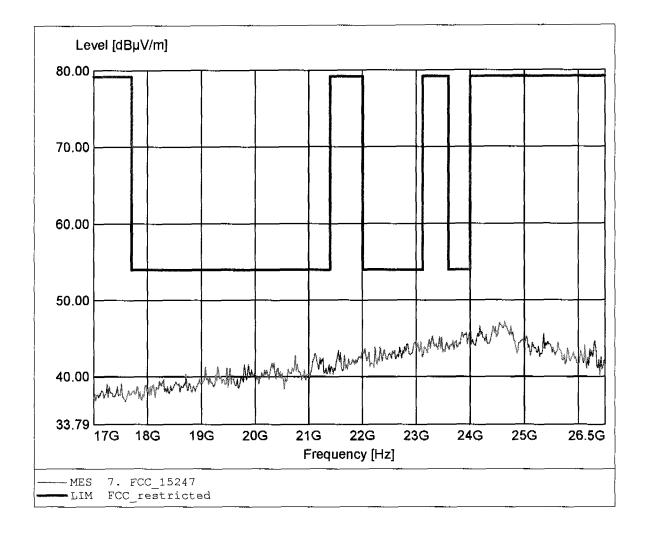
Test Site / Operator: ETS / Mr. Schlaps

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to \$15.247, peak detector

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Comment 2: Freq: 24.634GHz, Emax: 47.17dBµV/m, RBW: 1MHz





Appendix H

AC power line conducted emissions

EMI voltage test in the ac-mains according

to FCC part 15

EUT:

2.4GHz 802.15.4/ZigBee OEM module

Manufacturer:

LuxLabs Ltd. DBA MeshNetics

Operating Condition: Unom: 120VAC(AC/DC-adaptor), Tnom: 23°C

Test Site:

ETS

Operator:

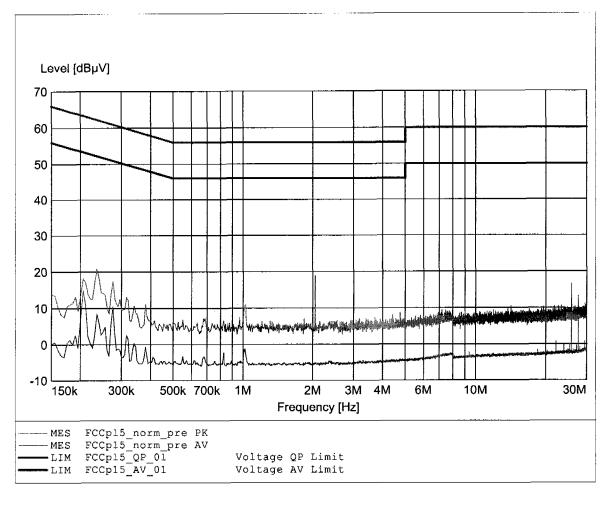
Mr. Pflug

Test Specification: V-Network: ESH2-Z5 (L1/N)

Comment:

model: ZDM-A1281-B0 brandname: ZigBit

mode: bluetooth-link





Appendix I

ETS Product Service AG

Receiver radiated emisisons

Registriernummer: G0M20703-1214-C-1 Appendix I

Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 1 ZDM-A1281-B0 EUT / Model:

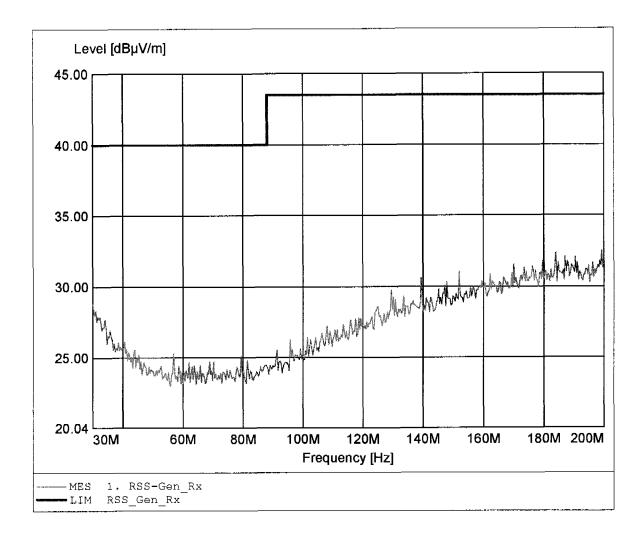
Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to KSS-GG. ______
Dist.: 3m, Ant.: HK 116 according to RSS-Gen Issue 1

Comment 2:

Freq:199.319MHz Emax:32.47dBpV/m RBW: 100 kHz



Standards Industry Canada, RSS-GEN

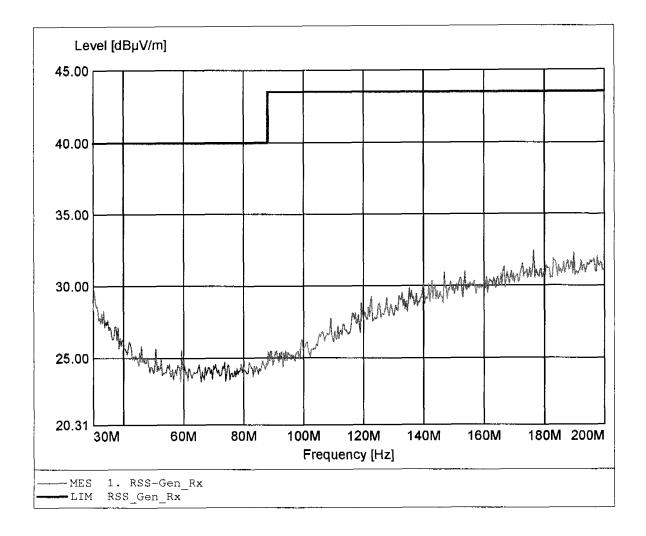
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. ZDM-A1281-B0 EUT / Model:

2445 MHz / Ant. 1 Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Condition:
Test Specification:
Comment 1:
Dist.: 3m, Ant.: HK 116
Freq:176.493MHz Emax:32.43dBµV/m RBW: 100 kHz



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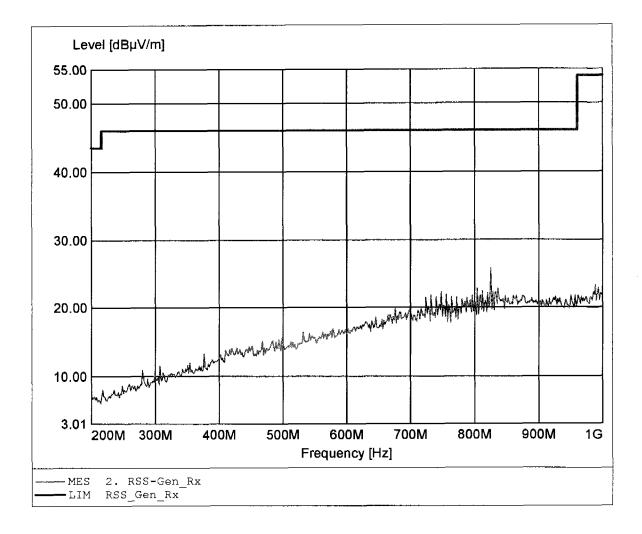
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE ZDM-A1281-B0

EUT / Model: Mode: Channel: 19 / 2445 MHz / Ant. 1

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:825.251MHz Emax:25.79dBµV/m RBW: 100 kHz



Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

EUT / Model: Mode: Channel: 19 / 2445 MHz / Ant. 1

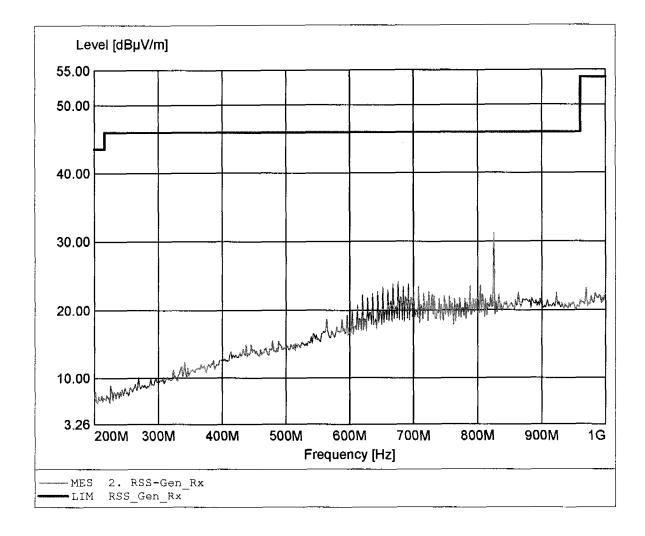
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

Test Condition: 25 C / Global. 2 X 1.3 V BC (BATTER!)

Test Specification: according to RSS-Gen Issue 1

Comment 1: Dist.: 3m, Ant.: HL 223, ampl.

Comment 2: Freq:825.251MHz Emax:31.18dBµV/m RBW: 100 kHz



Standards Industry Canada, RSS-GEN

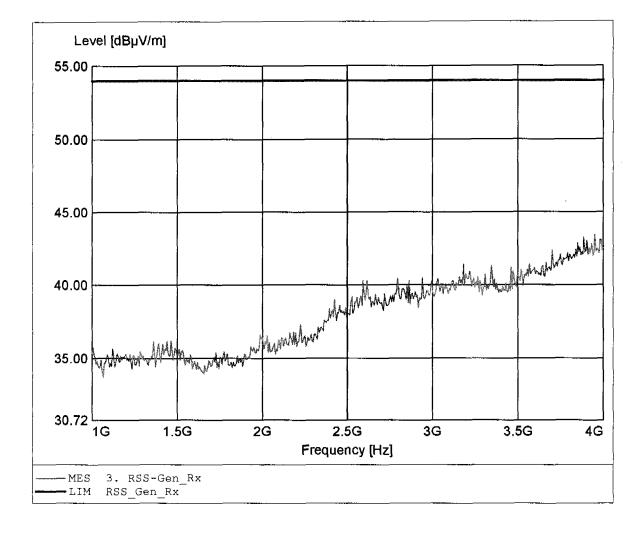
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 1 EUT / Model: Mode: / ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to RSS-Gen Issue 1 Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:3.952GHz Emax:43.45dBµV/m RBW: 1 MHz Comment 2:



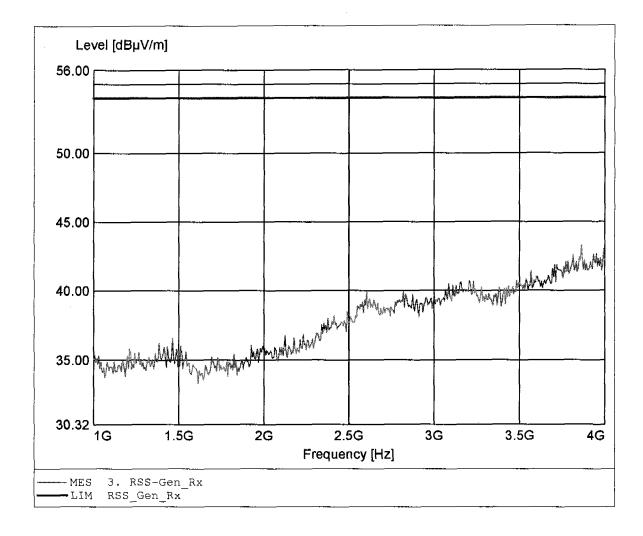
Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 1 / ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Condition:
Test Specification: according to RSS-Gen issue i
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Freq:3.862GHz Emax:43.27dBµV/m RBW: 1 MHz



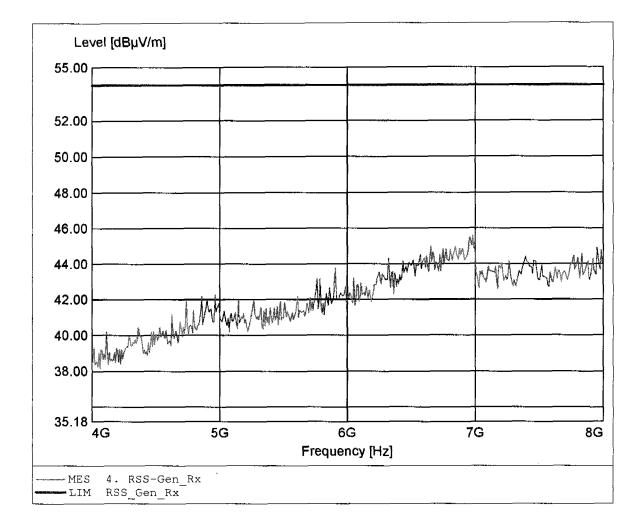
Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0 Channel: 19 / 2445 MHz / Ant. 1 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

Test Condition:
Test Specification:
Comment 1:
Comment 2:
Dist.: 3m, Ant.: BBHA9120D, ampl.
Freq:6.982GHz Emax:45.57dBµV/m RBW: 1 MHz



Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 1 ZDM-A1281-B0

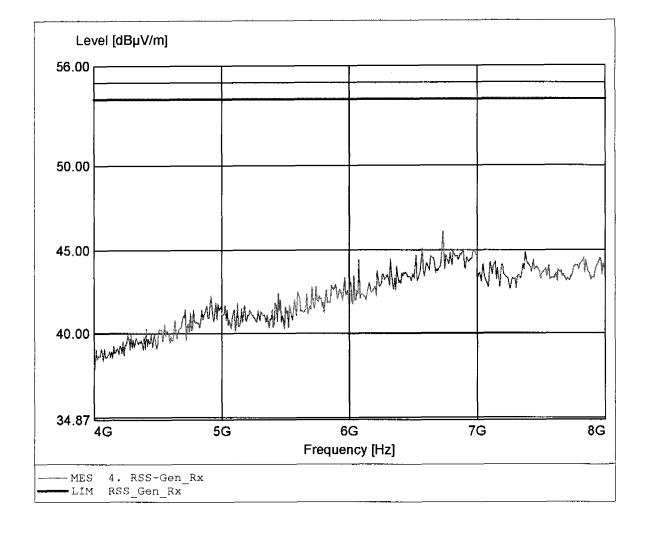
EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

according to RSS-Gen Issue 1 Test Specification:

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq: 6.733GHz Emax: 46.08dBuV/m RBW: 1 MHz Comment 2:



Standards Industry Canada, RSS-GEN

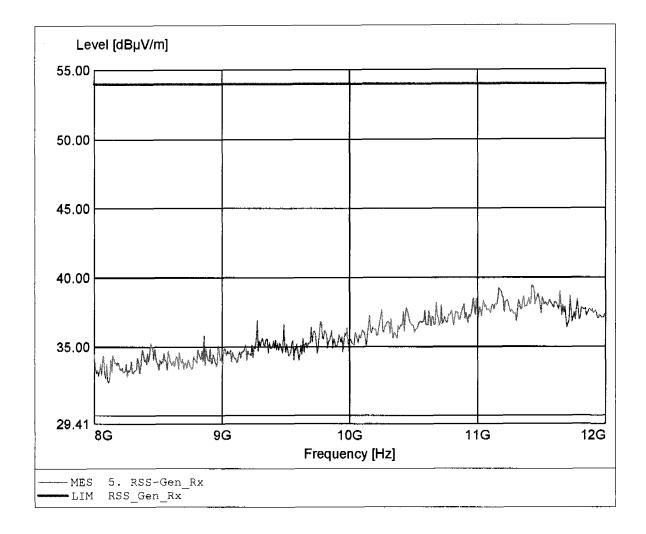
LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 19 / 2445 MHz / Ant. 1 ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to RSS-Gen Issue 1 Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:11.423GHz Emax:39.45dBuV/m RBW: 1 MHz Comment 2:



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LUXLABS LTD. DBA MESHNETICS Approval Holder:

EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

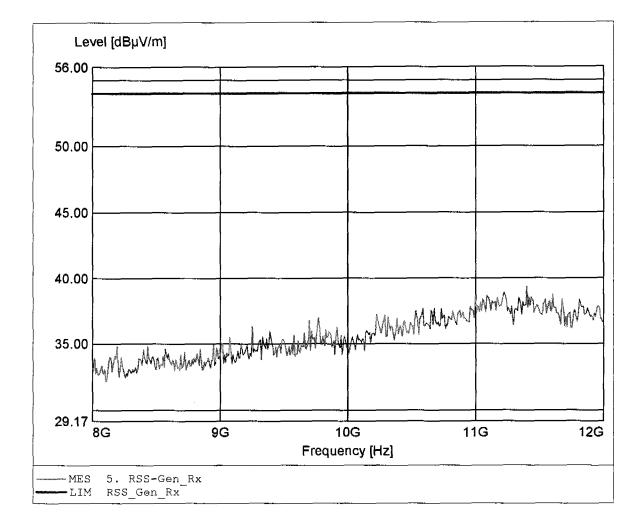
Channel: 19 / 2445 MHz / Ant. 1

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

according to RSS-Gen Issue 1 Test Specification:

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:11.399GHz Emax:39.36dBuV/m RBW: 1 MHz Comment 2:



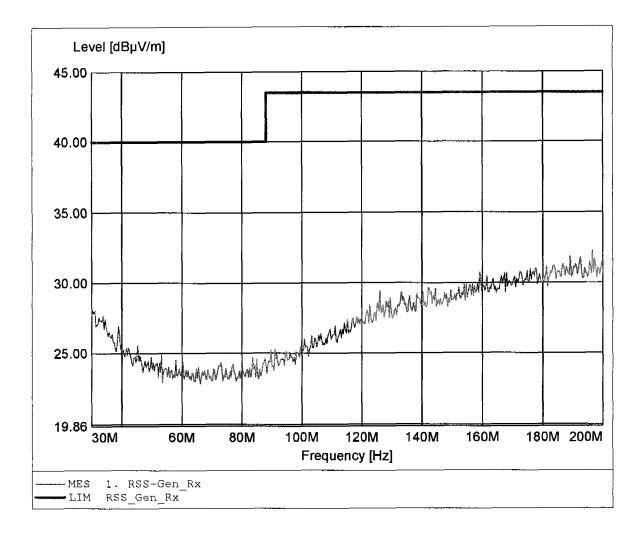
Standards Industry Canada, RSS-GEN

Approval Holder:

LUXLABS LTD. DBA MESHNETICS
2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0

EUT / Model: Mode: Channel: 19 / 2445 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:196.593MHz Emax:32.30dBµV/m RBW: 100 kHz



Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

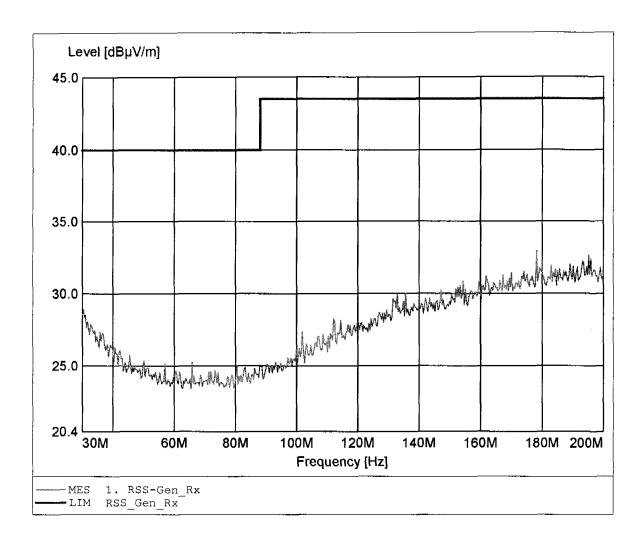
2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 2 ZDM-A1281-B0

EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

according to RSS-Gen Issue 1

Test Condition: according to RDS-GGM. 1Dist.: 3m, Ant.: HK 116 Freq:178.196MHz Emax:32.93dBµV/m RBW: 100 kHz Comment 2:



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LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. EUT / Model: Mode: ZDM-A1281-B0

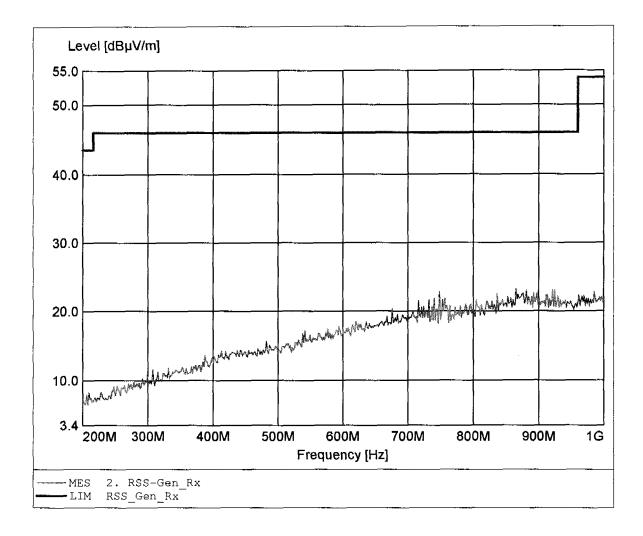
2445 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to RSS-Gen Issue 1 Dist.: 3m, Ant.: HL 223, ampl.

Comment 1:

Freq:865.331MHz Emax:23.19dBμV/m RBW: 100 kHz Comment 2:



Standards Industry Canada, RSS-GEN

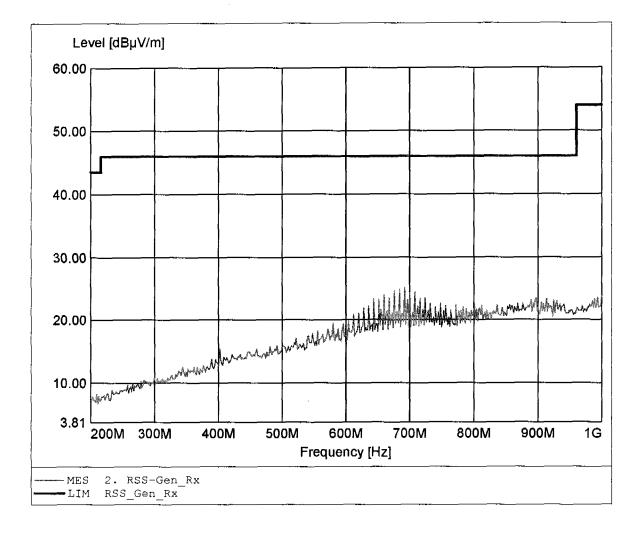
LUXLABS LTD. DBA MESHNETICS Approval Holder:

ZDM-A1281-B0

2.4 GHZ 802.15.4 / ZIGBEE 0EM MODULE Channel: 19 / 2445 MHz / Ant. 2 EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

Test Condition:
Test Specification: according to RSS-Gen issue.
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq: 692.184MHz Emax: 25.18dBµV/m RBW: 100 kHz



Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

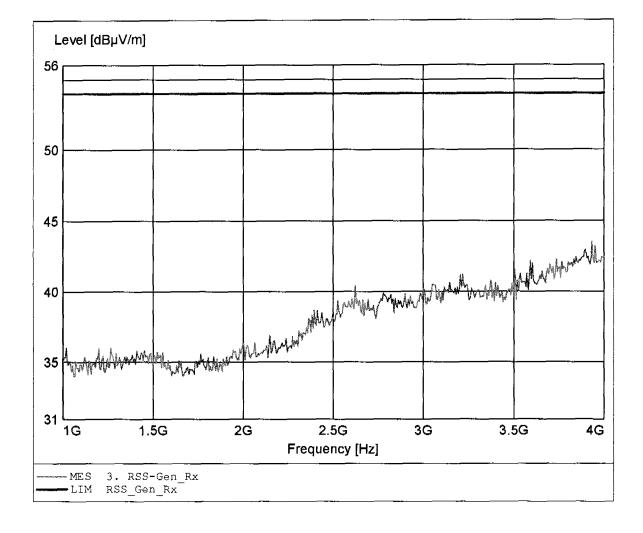
EUT / Model: Mode: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 2 ZDM-A1281-B0

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

according to RSS-Gen Issue 1 Test Specification:

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:3.934GHz Emax:43.52dBµV/m RBW: 1 MHz Comment 2:



Standards Industry Canada, RSS-GEN

LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. EUT / Model: Mode: ZDM-A1281-B0

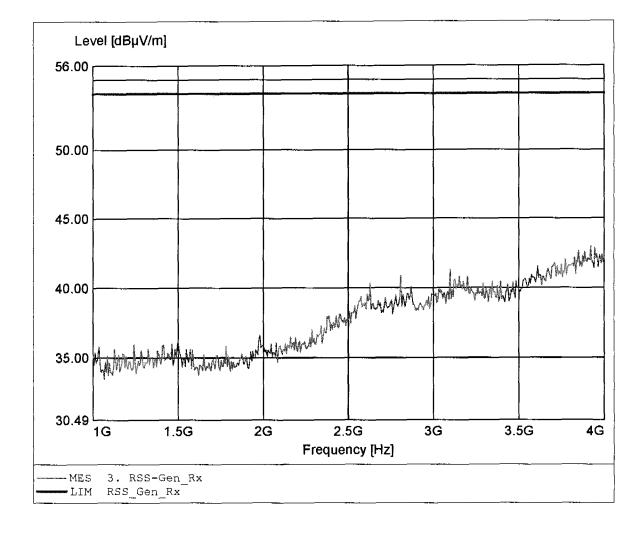
2445 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to RSS-Gen Issue 1

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:3.922GHz Emax:43.00dBuV/m RBW: 1 MHz Comment 2:



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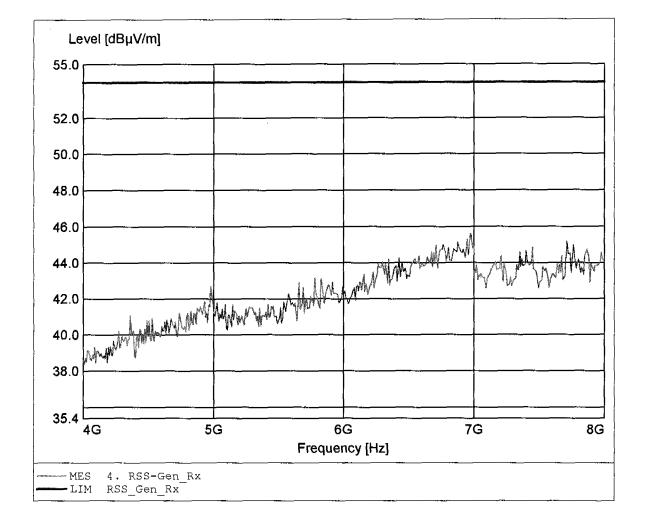
LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / Channel: 19 / 2445 MHz / Ant. 2 ZDM-A1281-B0

EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1: Freq: 6.974GHz Emax: 45.65dBuV/m RBW: 1 MHz Comment 2:



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LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. ZDM-A1281-B0

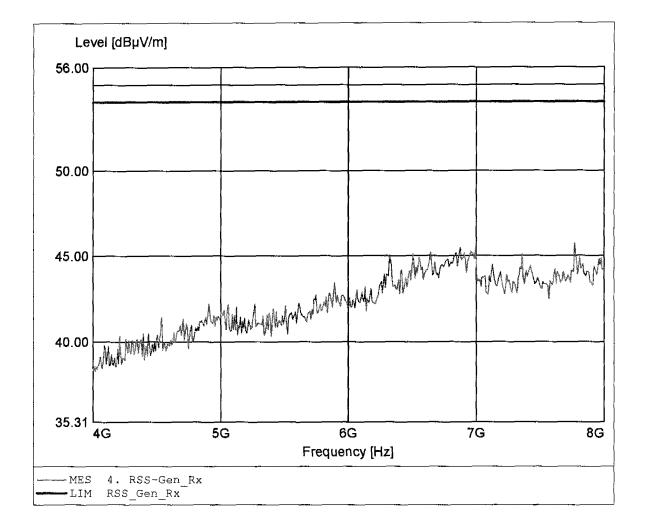
EUT / Model: Mode: 2445 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to RSS-Gen Issue 1

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:7.768GHz Emax:45.75dBuV/m RBW: 1 MHz Comment 2:



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LUXLABS LTD. DBA MESHNETICS Approval Holder:

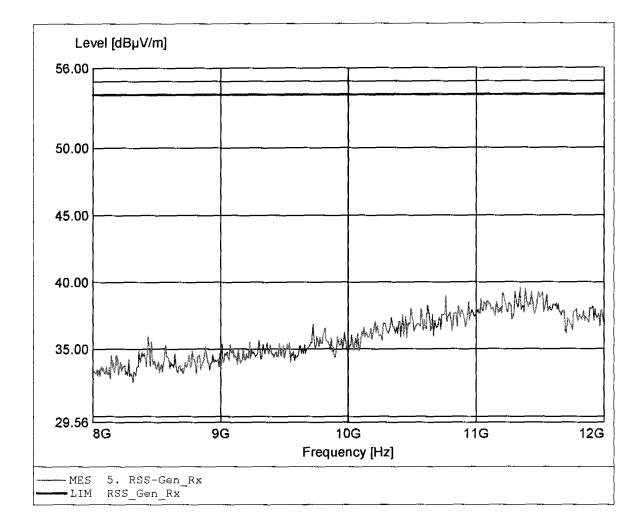
2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. 2 ZDM-A1281-B0

EUT / Model: Mode:

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY) Test Condition:

Test Specification: according to RSS-Gen Issue 1 Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1:

Freq:11.343GHz Emax:39.61dBpV/m RBW: 1 MHz Comment 2:



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LUXLABS LTD. DBA MESHNETICS Approval Holder:

2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE Channel: 19 / 2445 MHz / Ant. EUT / Model: Mode: ZDM-A1281-B0

2445 MHz / Ant. 2

Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)

Test Specification: according to RSS-Gen Issue 1

Dist.: 3m, Ant.: BBHA9120D, ampl. Comment 1: Freq:11.431GHz Emax:39.34dBuV/m RBW: 1 MHz Comment 2:

