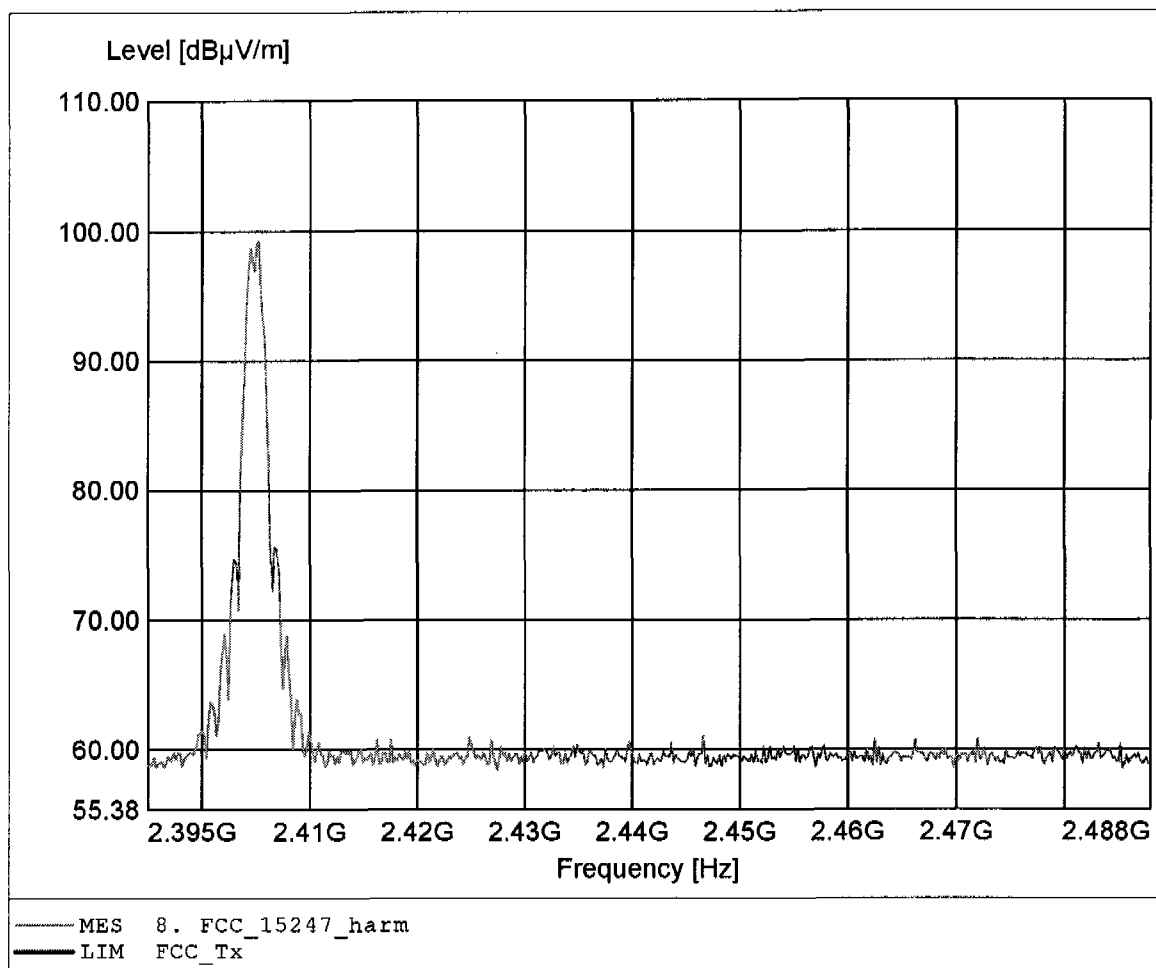


Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

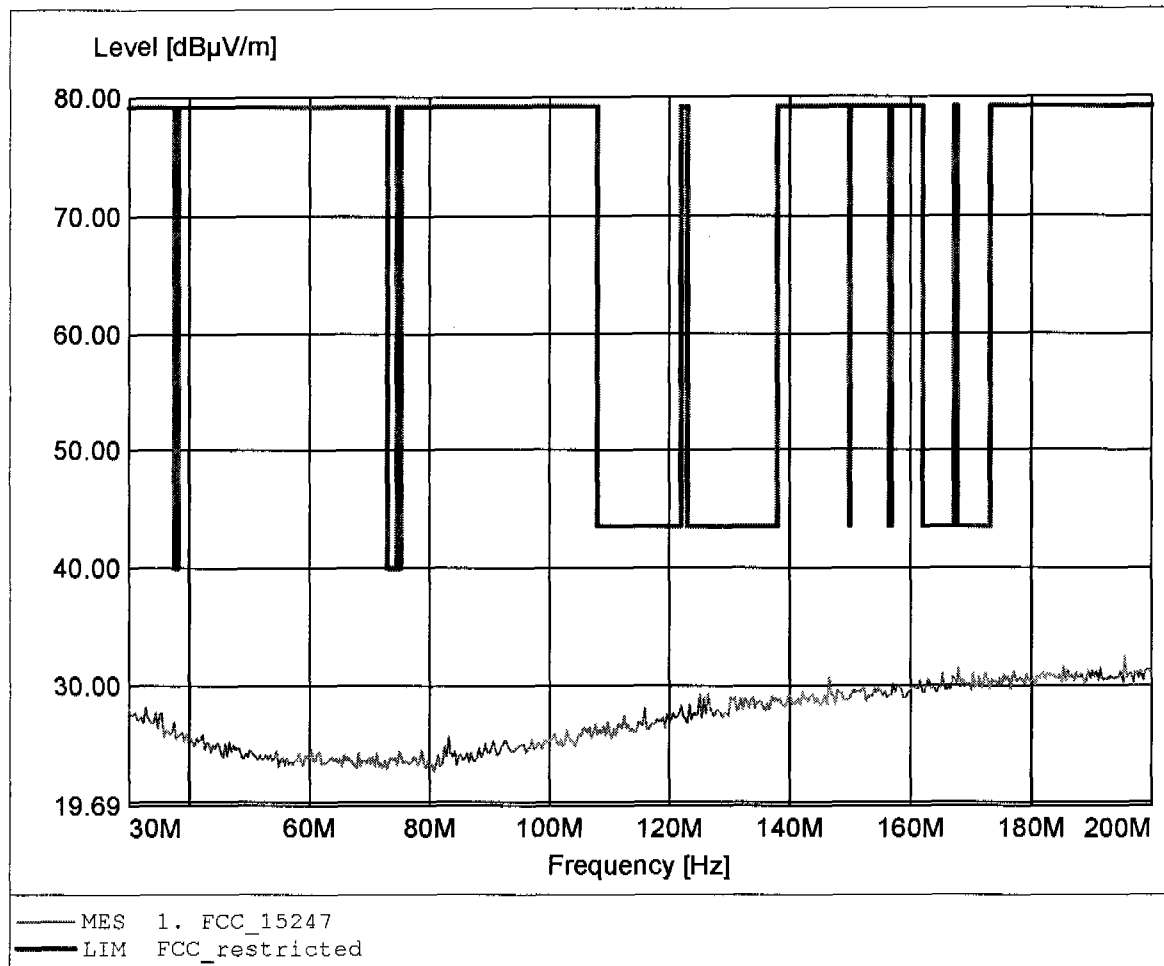
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.405GHz, Emax: 99.20dBµV/m, REW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

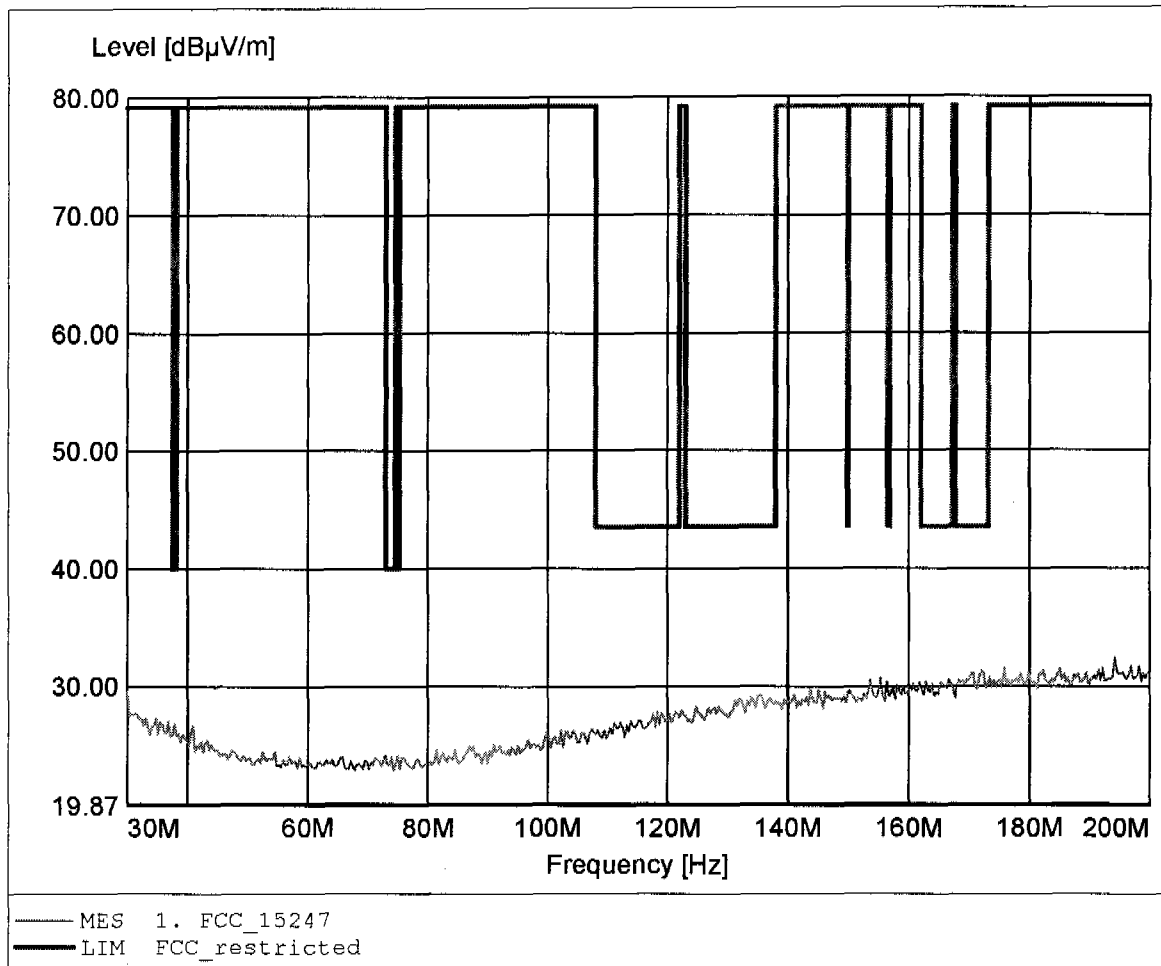
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.571MHz, Emax: 32.57dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

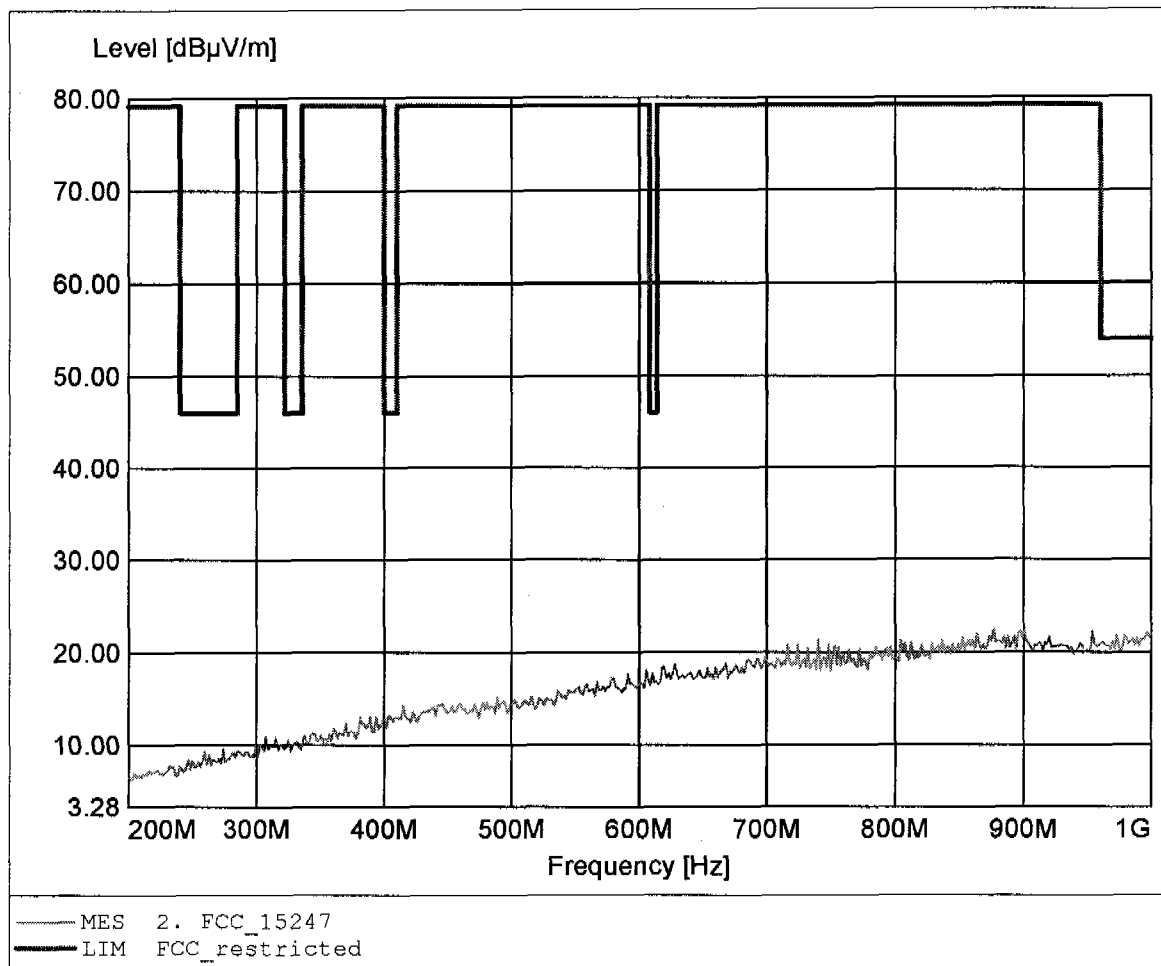
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Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.208MHz, Emax: 32.44dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

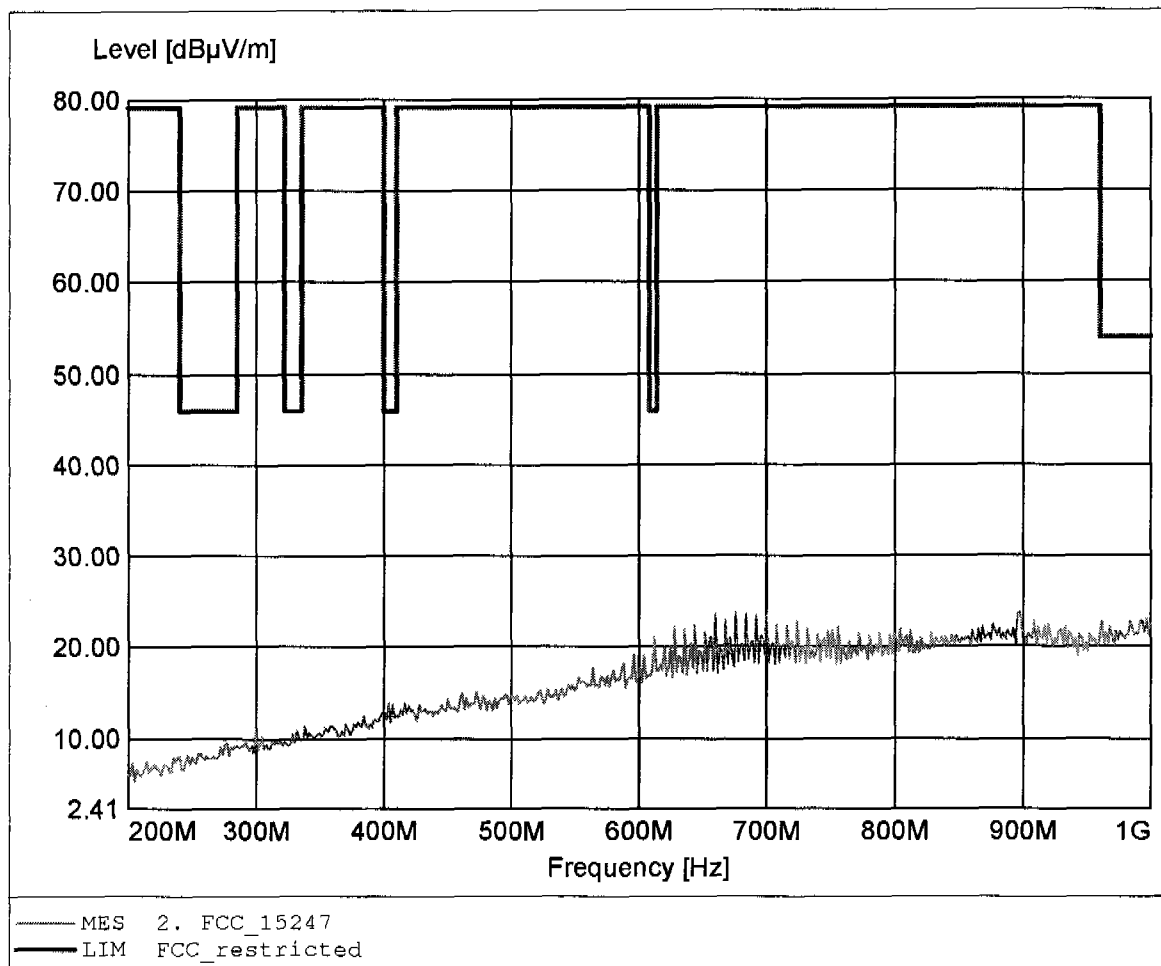
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EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 876.553MHz, Emax: 22.48dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

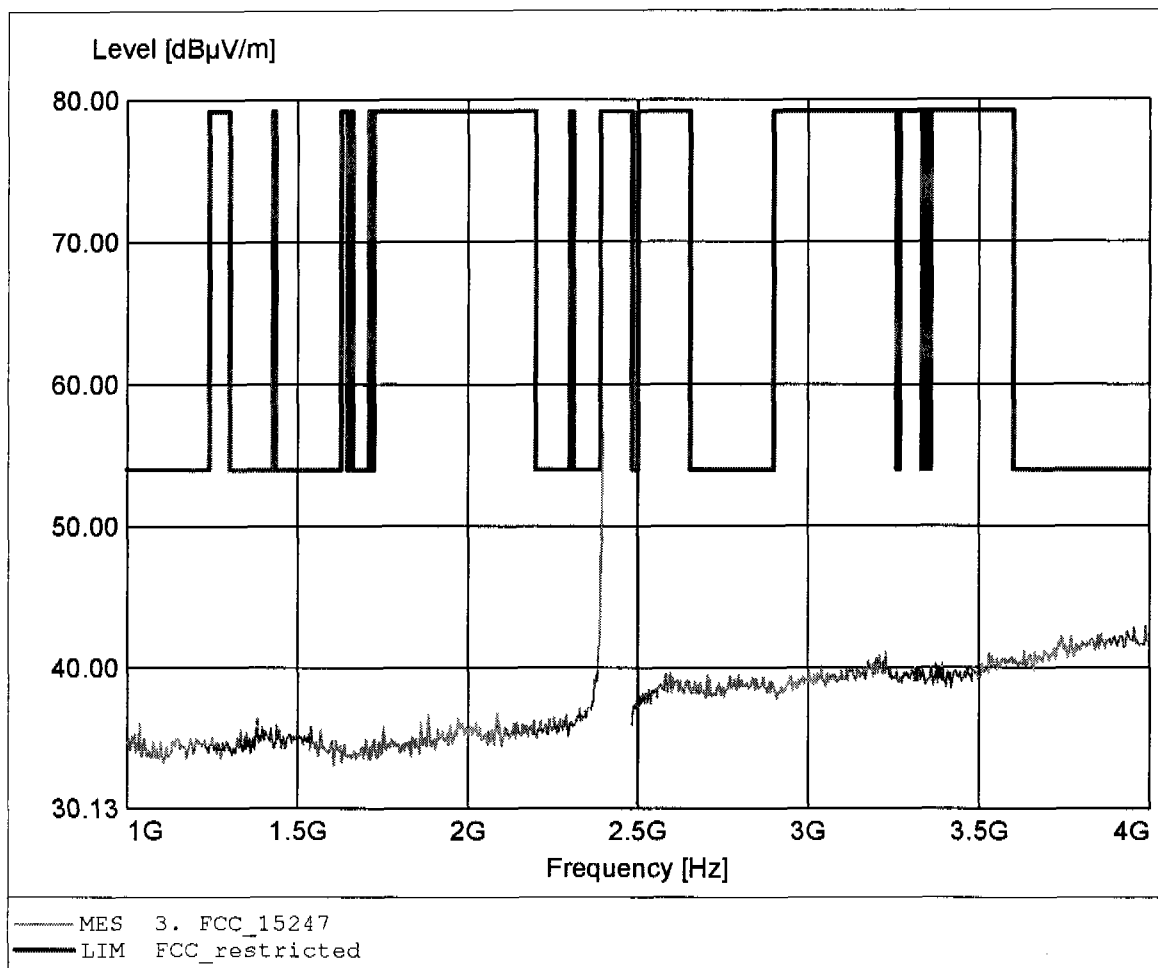
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHz 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 895.792MHz, Emax: 23.75dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

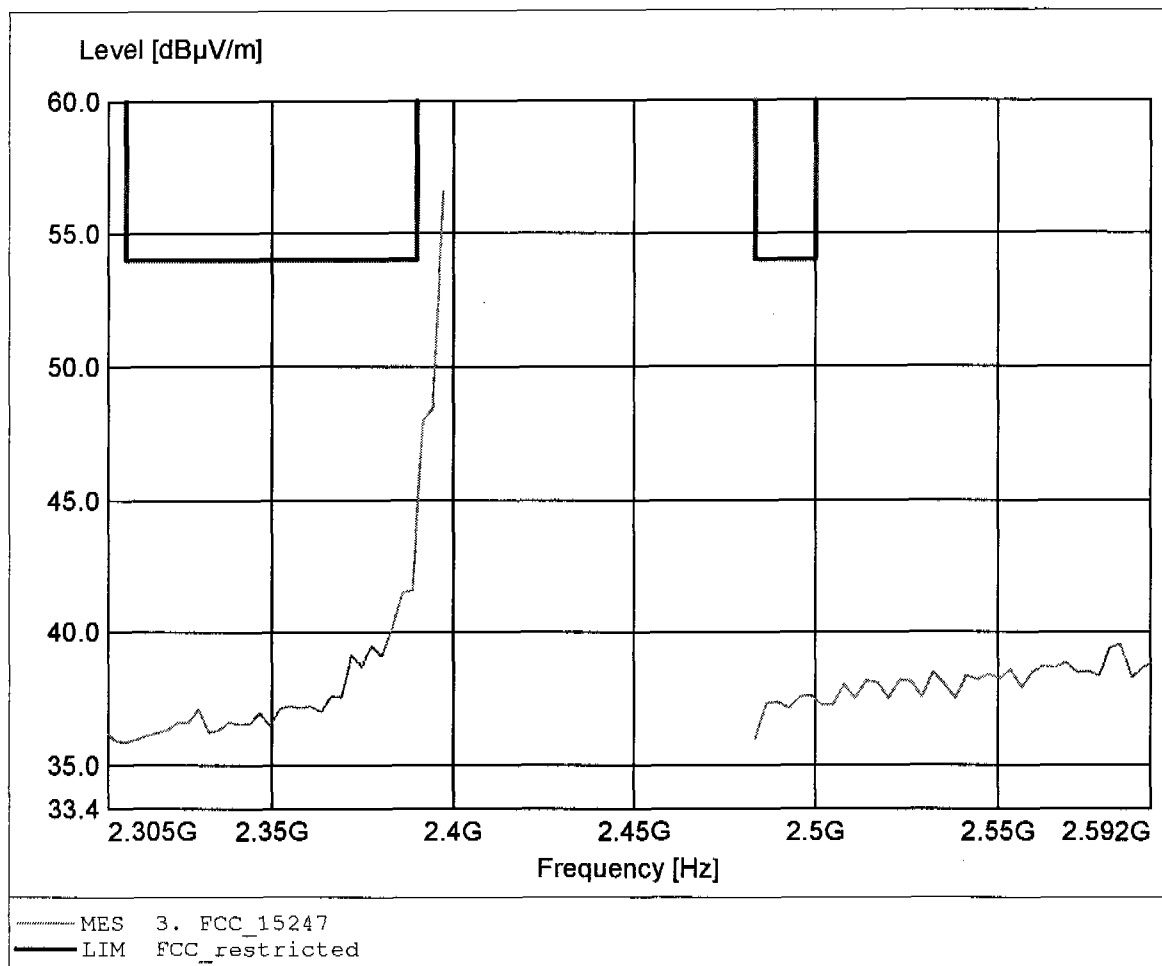
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Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.397GHz, Emax: 56.62dBuV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

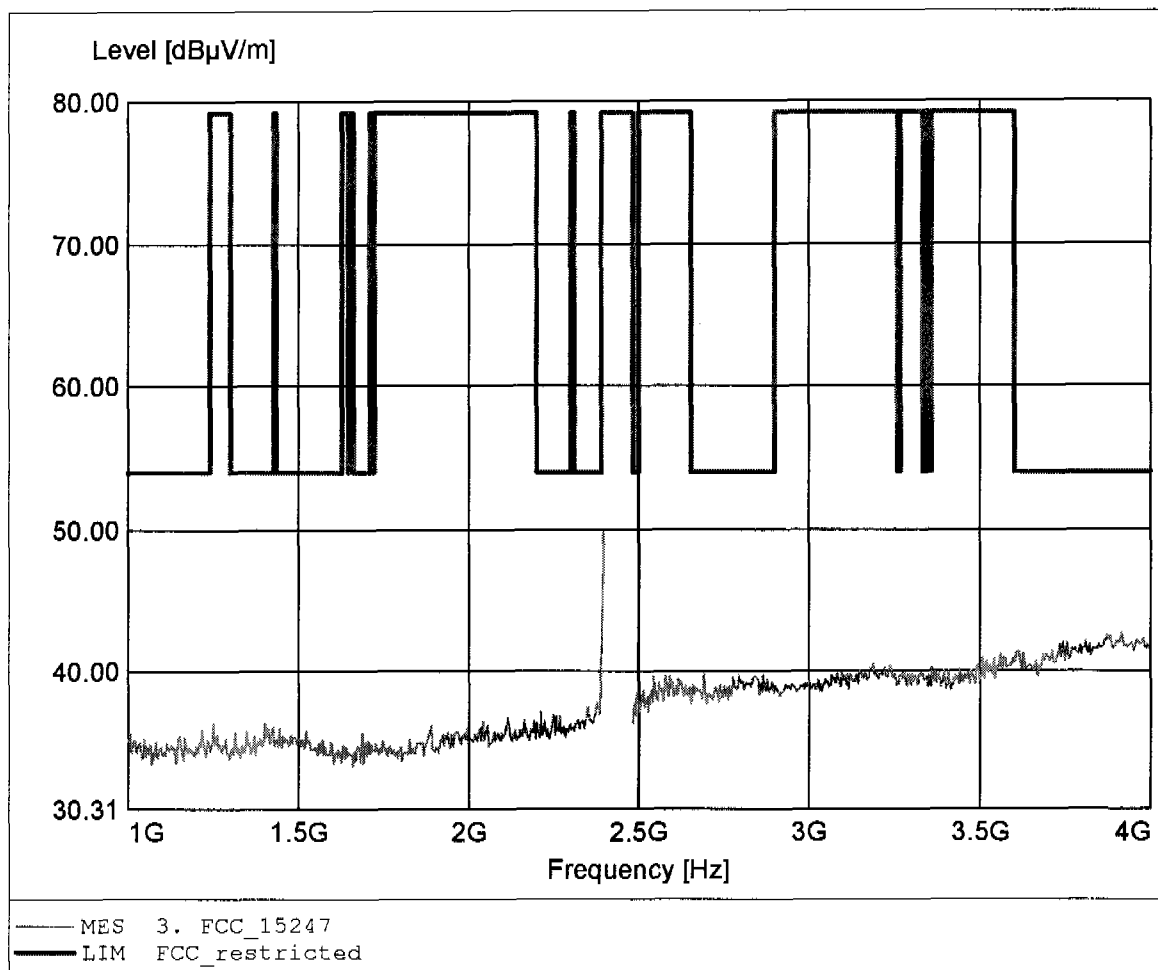
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Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.397GHz, Emax: 56.62dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

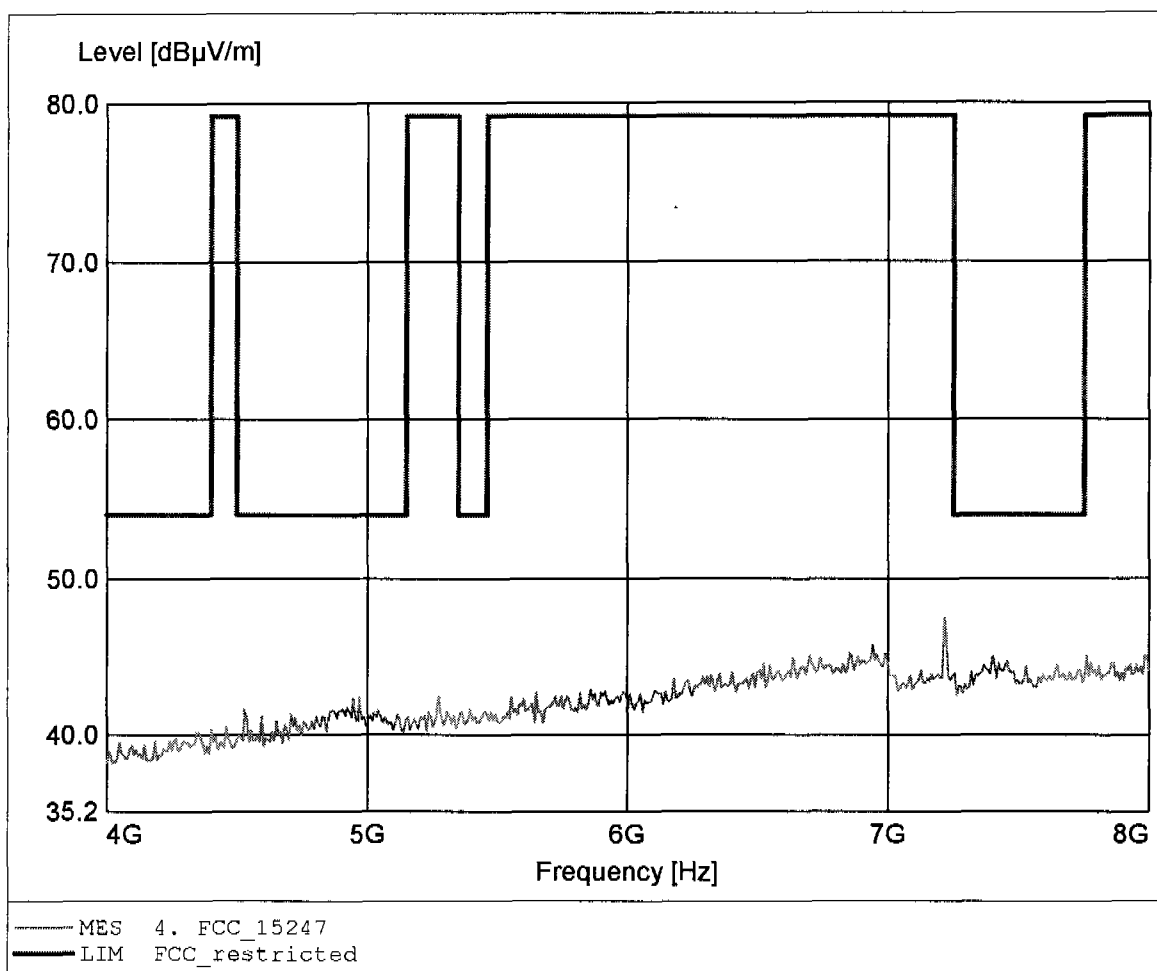
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EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.397GHz, Emax: 49.81dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

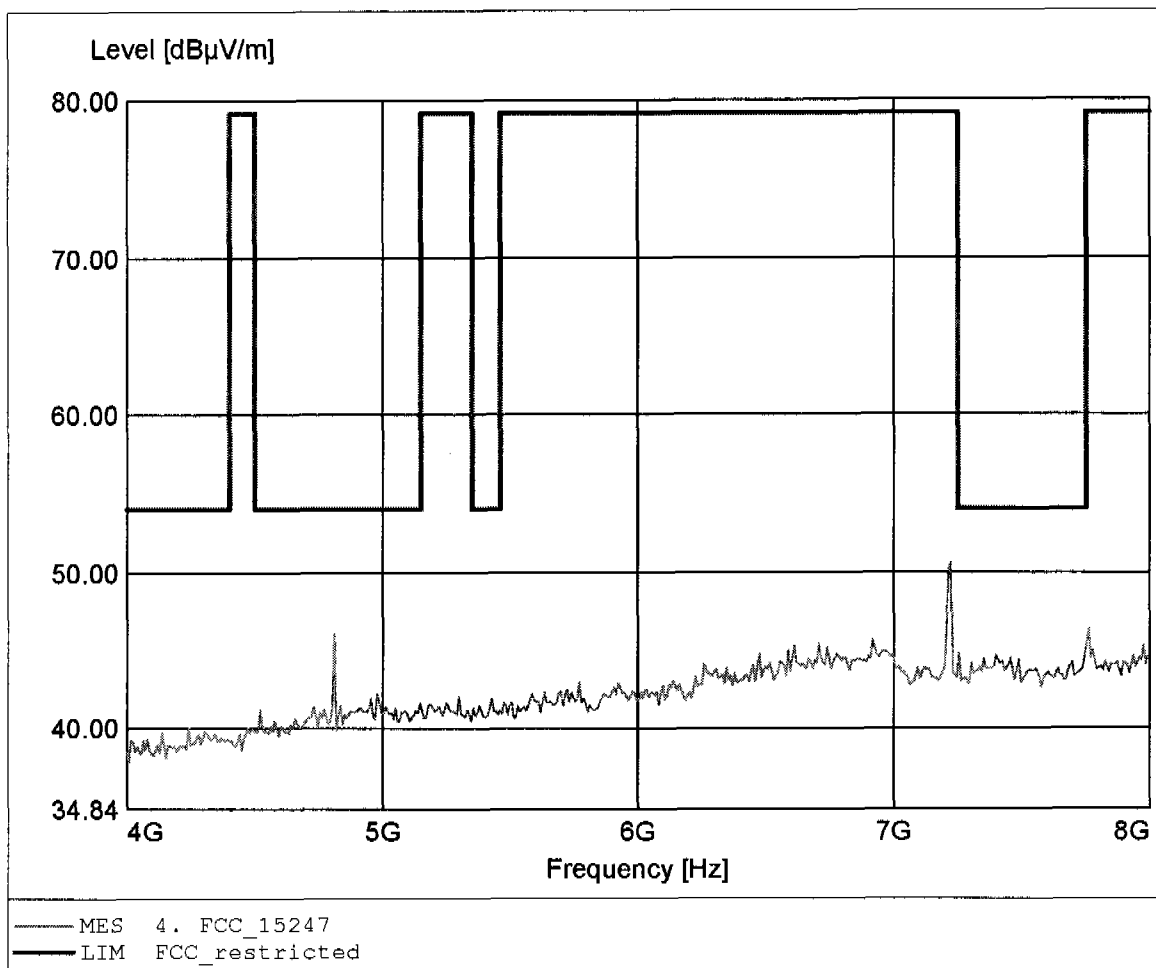
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.214GHz, Emax: 47.50dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

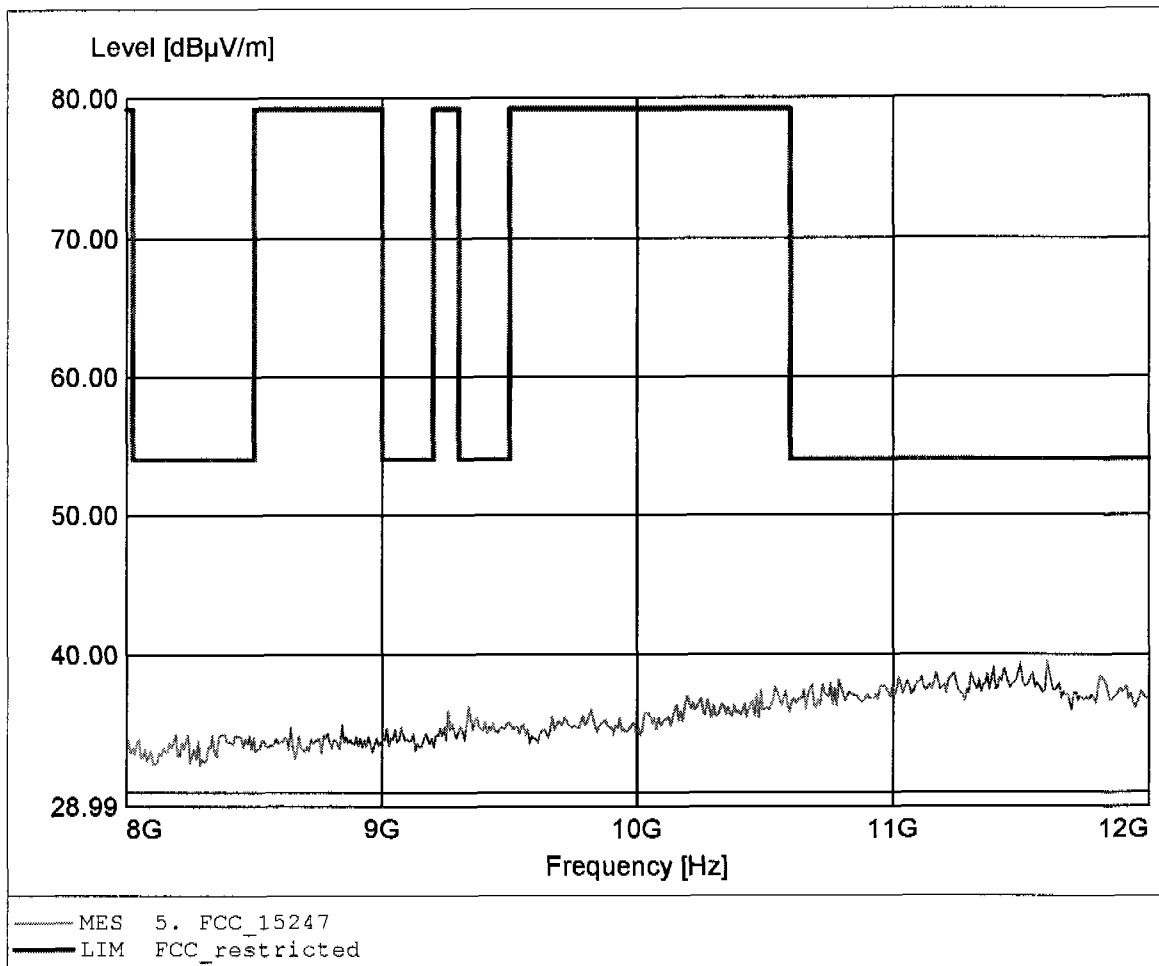
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EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.222GHz, Emax: 50.62dBuV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

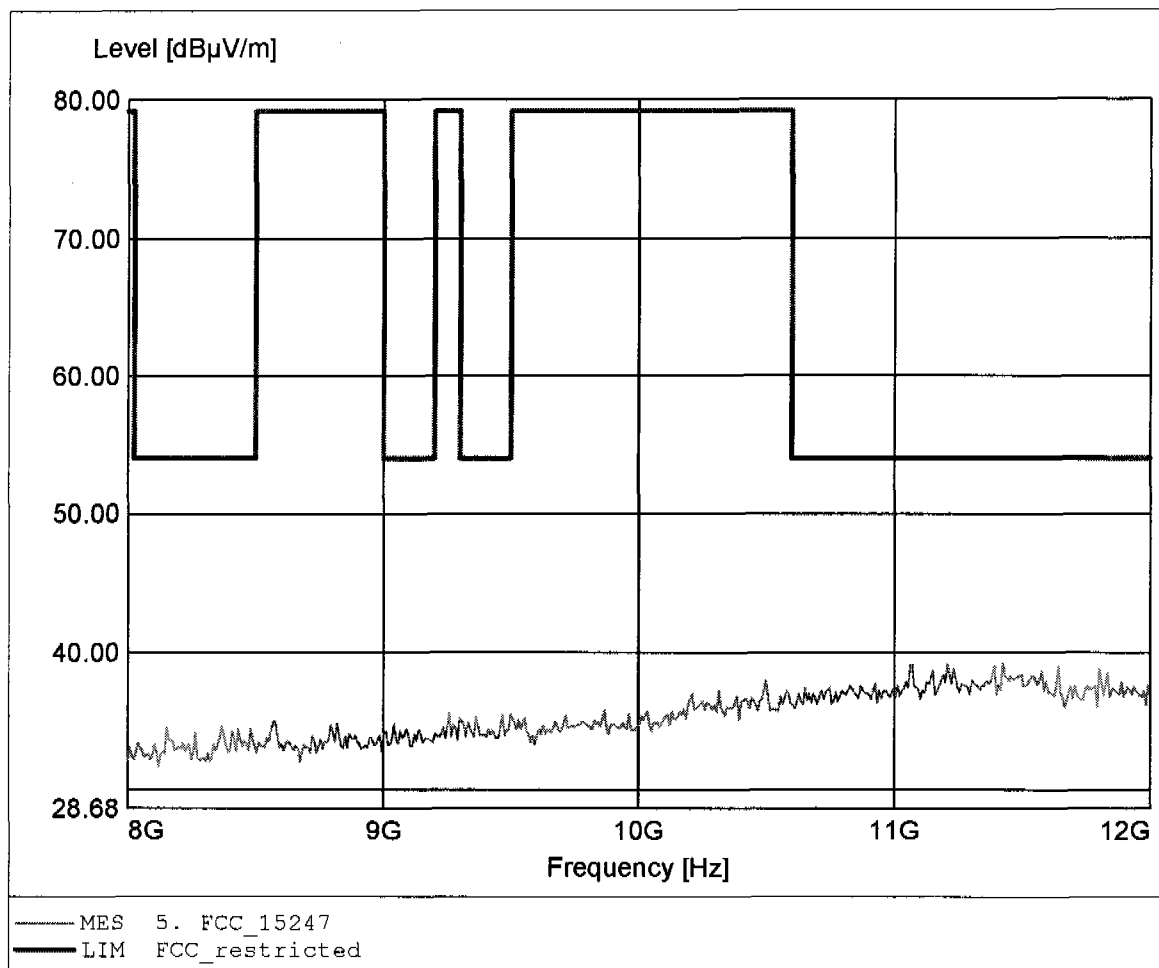
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment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



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

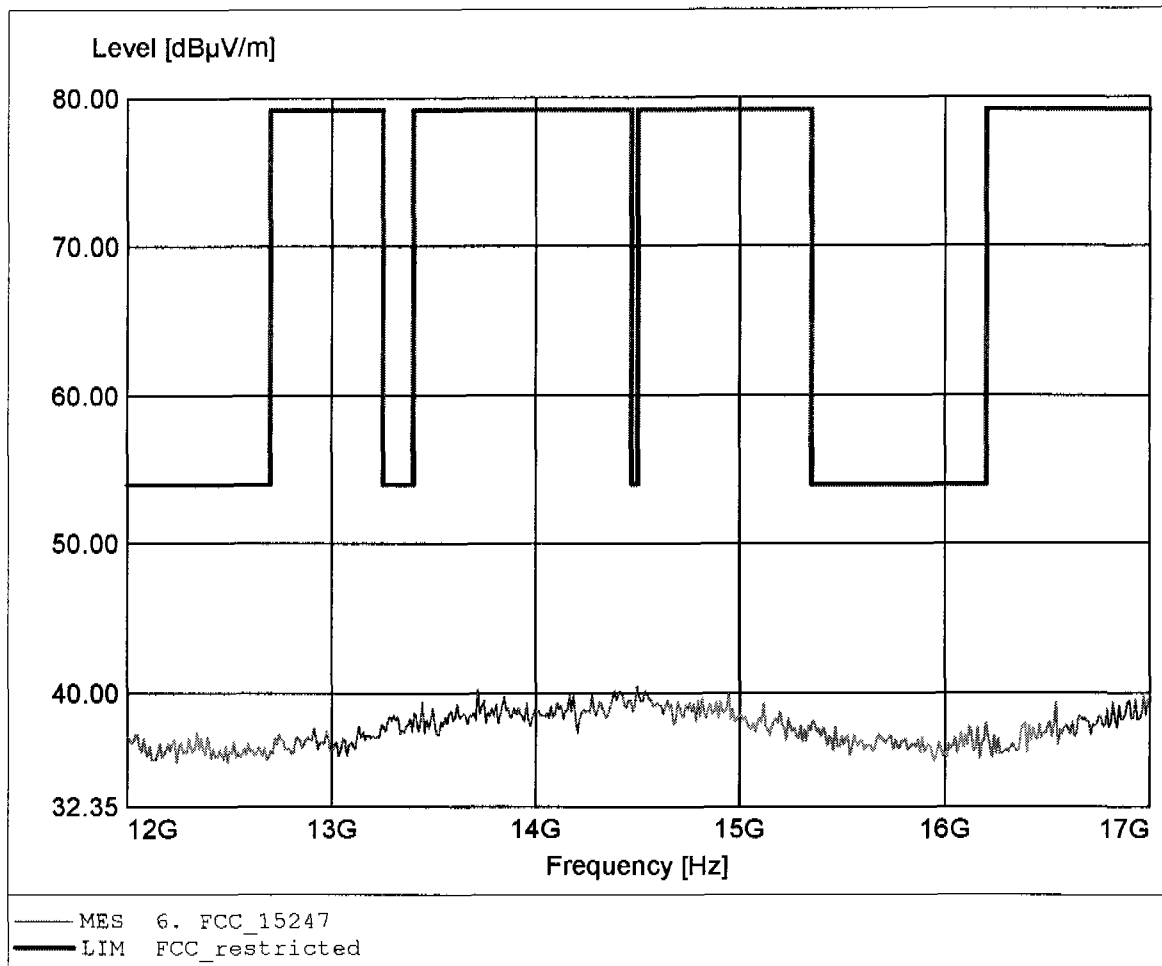
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.423GHz, Emax: 39.25dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

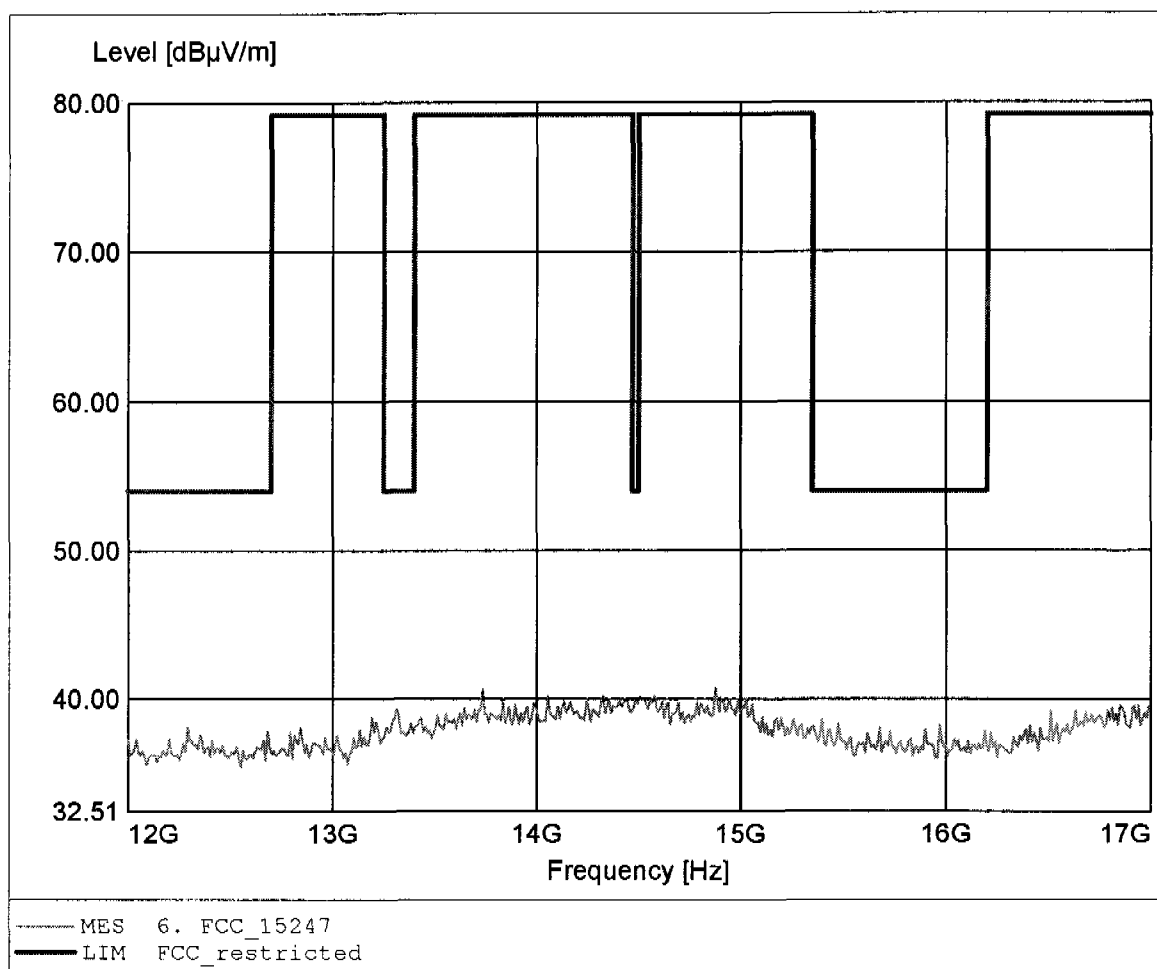
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.495GHz, Emax: 40.48dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

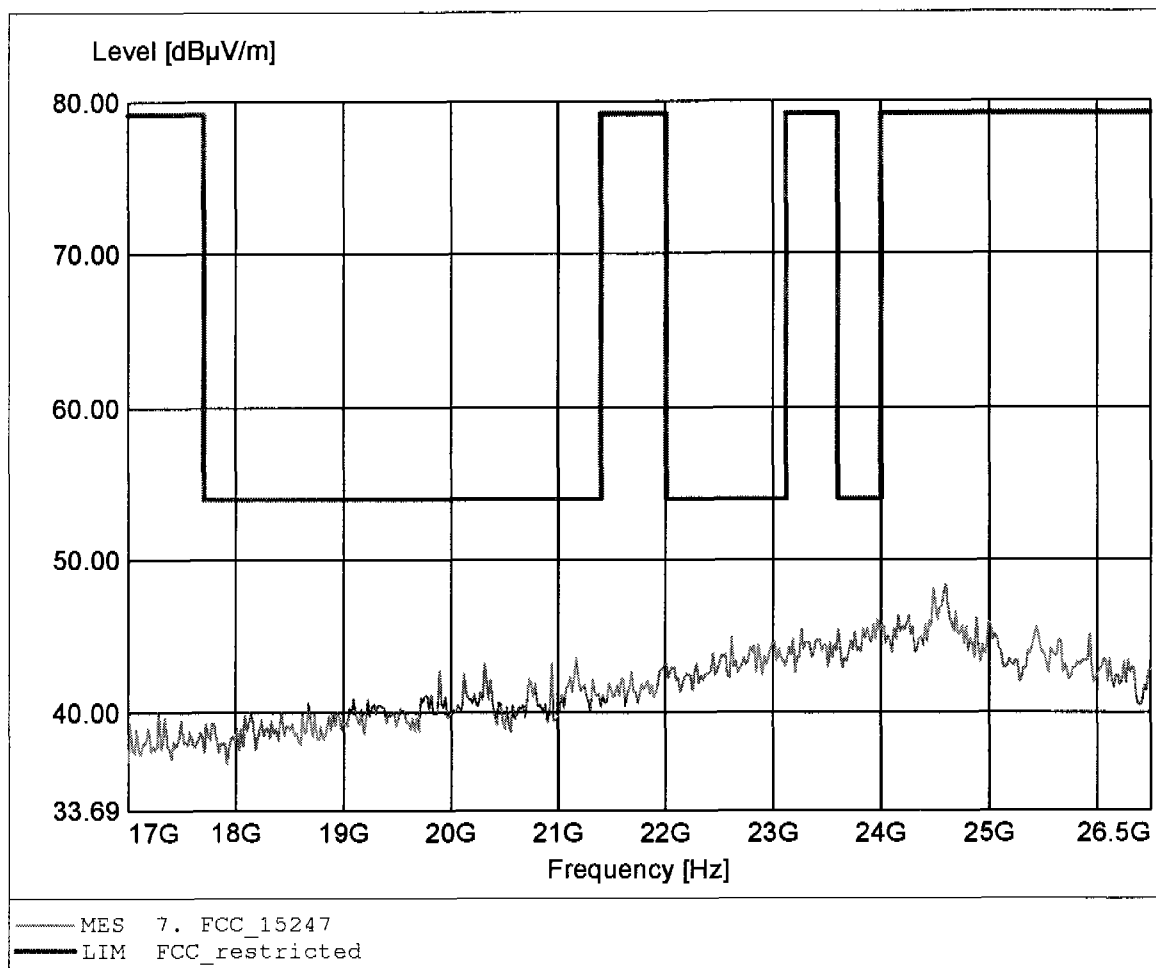
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.876GHz, Emax: 40.77dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

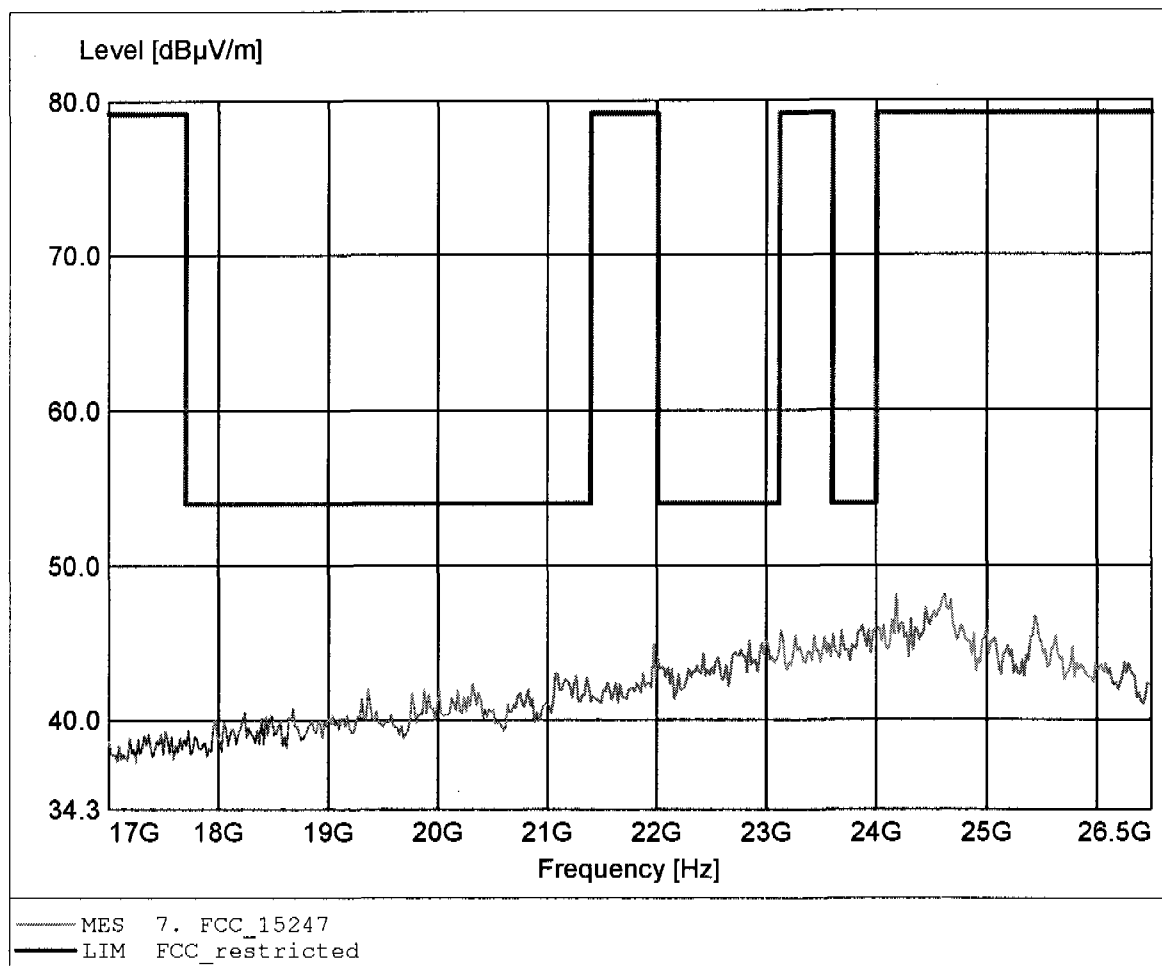
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.596GHz, Emax: 48.36dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

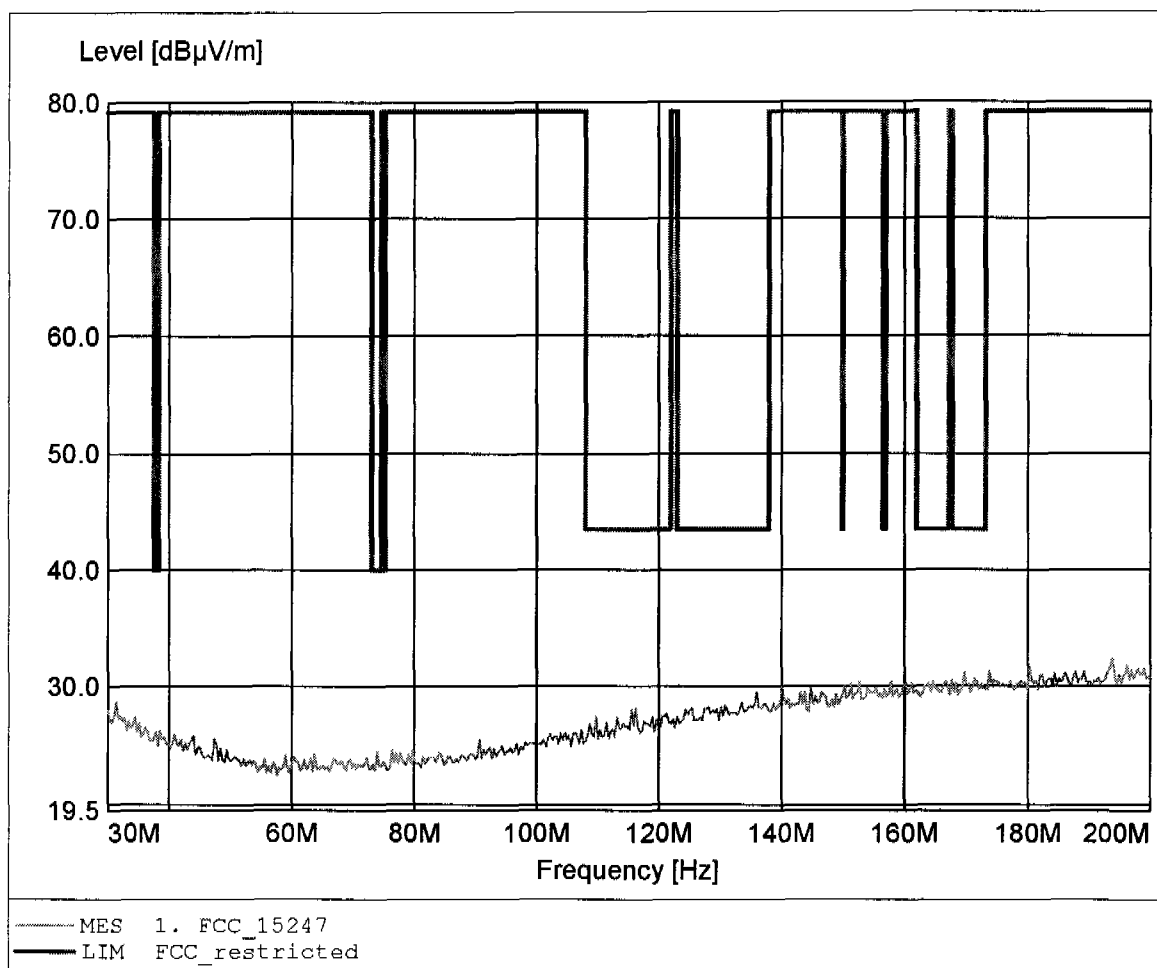
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 11 / 2405 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment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



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

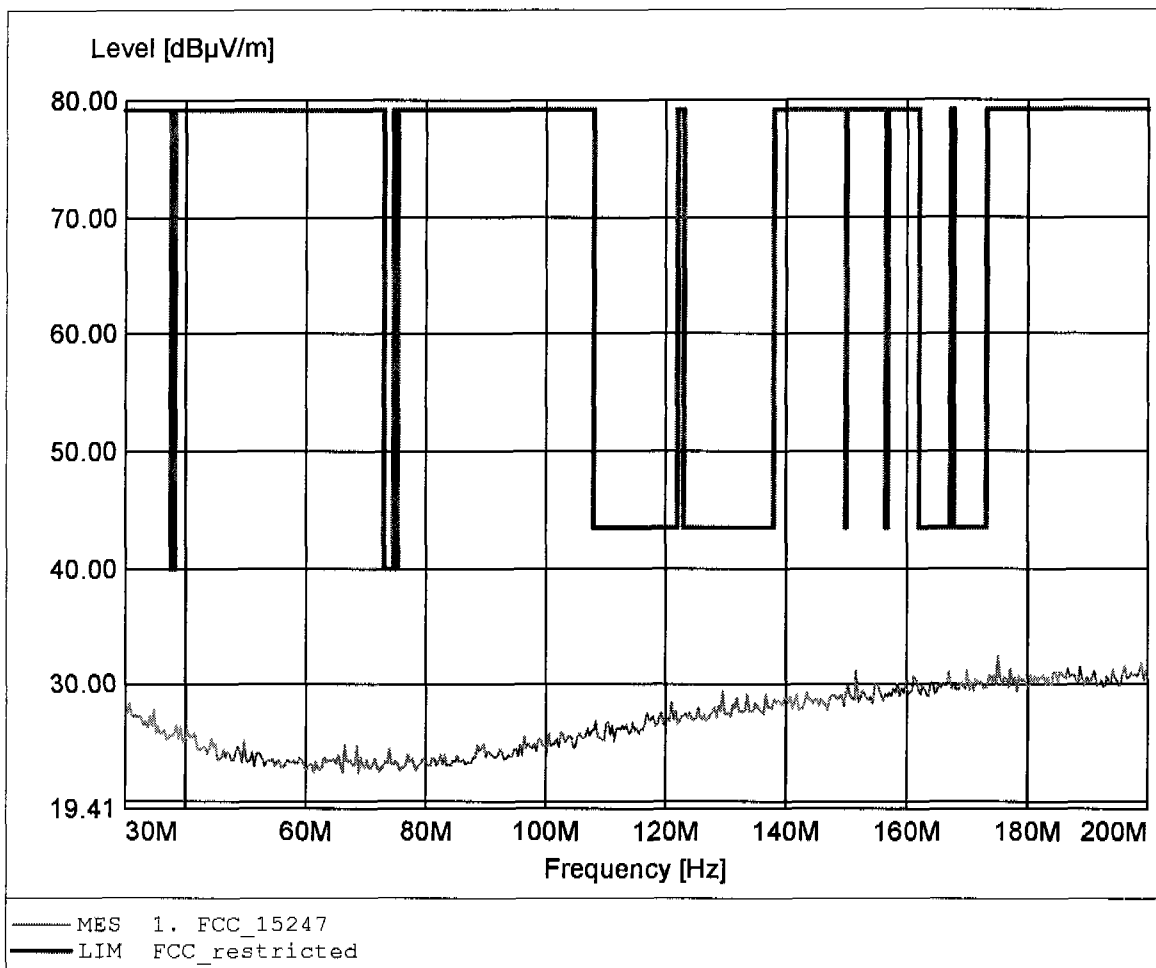
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.868MHz, Emax: 32.40dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

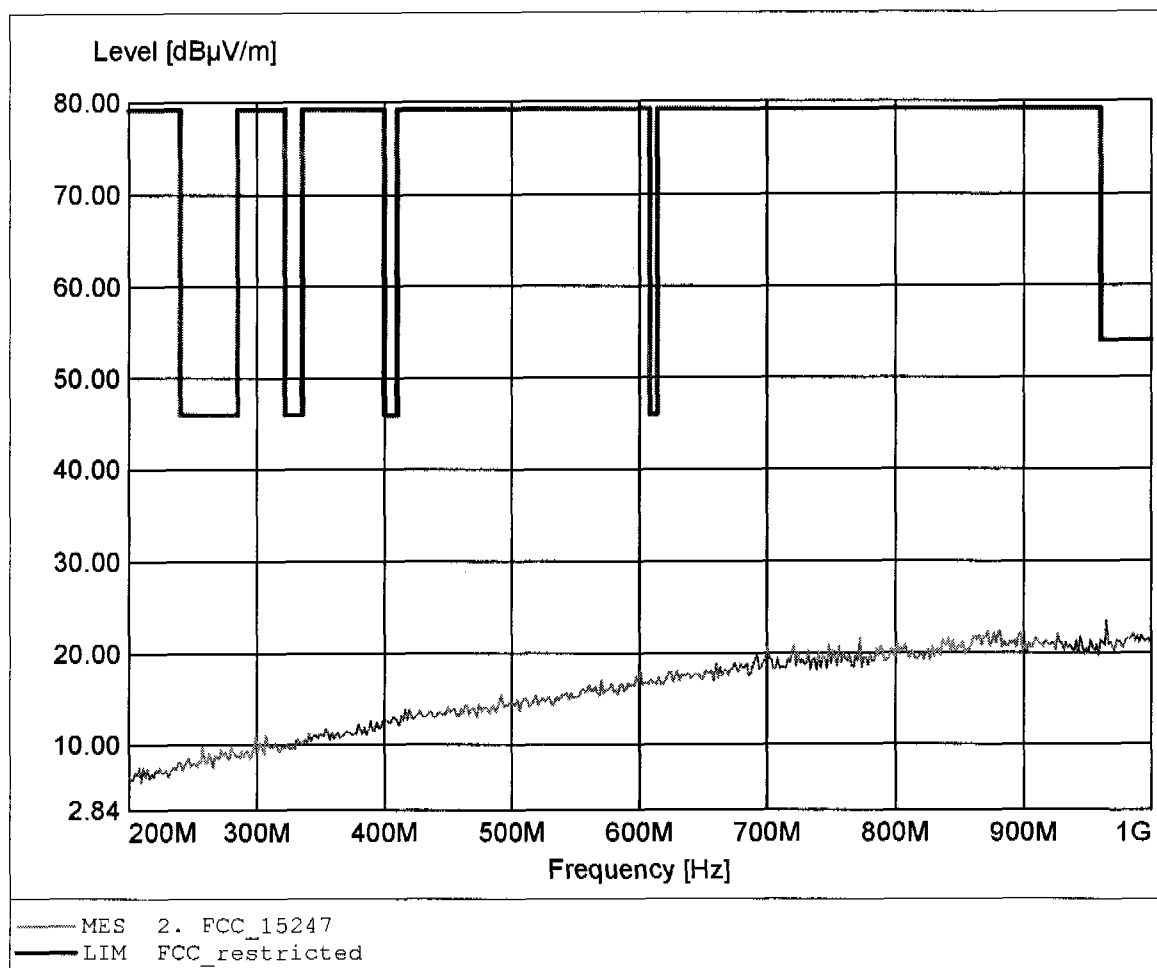
Approval Holder: LUXLABS LTD. DBA MESHNETICS
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Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 175.130MHz, Emax: 32.45dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

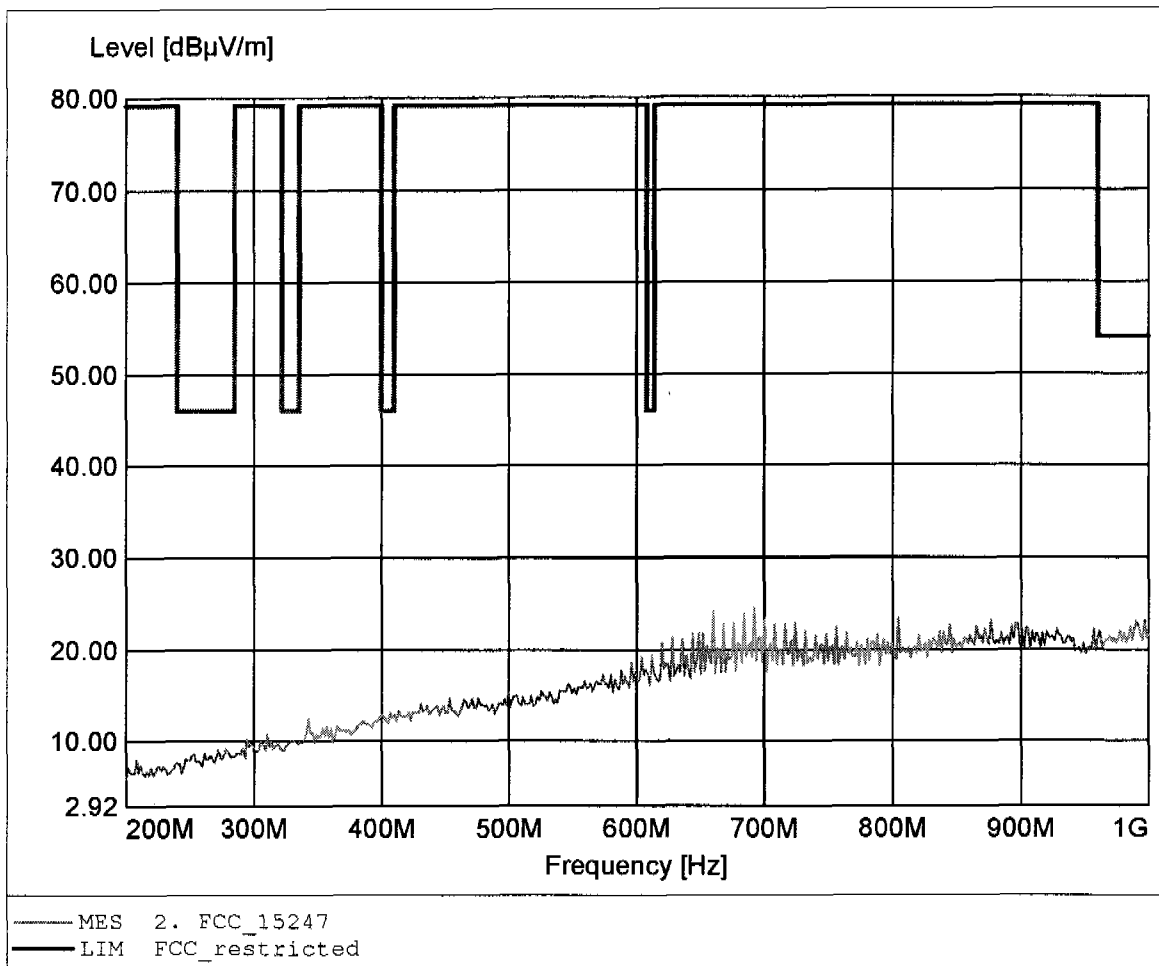
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m,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



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

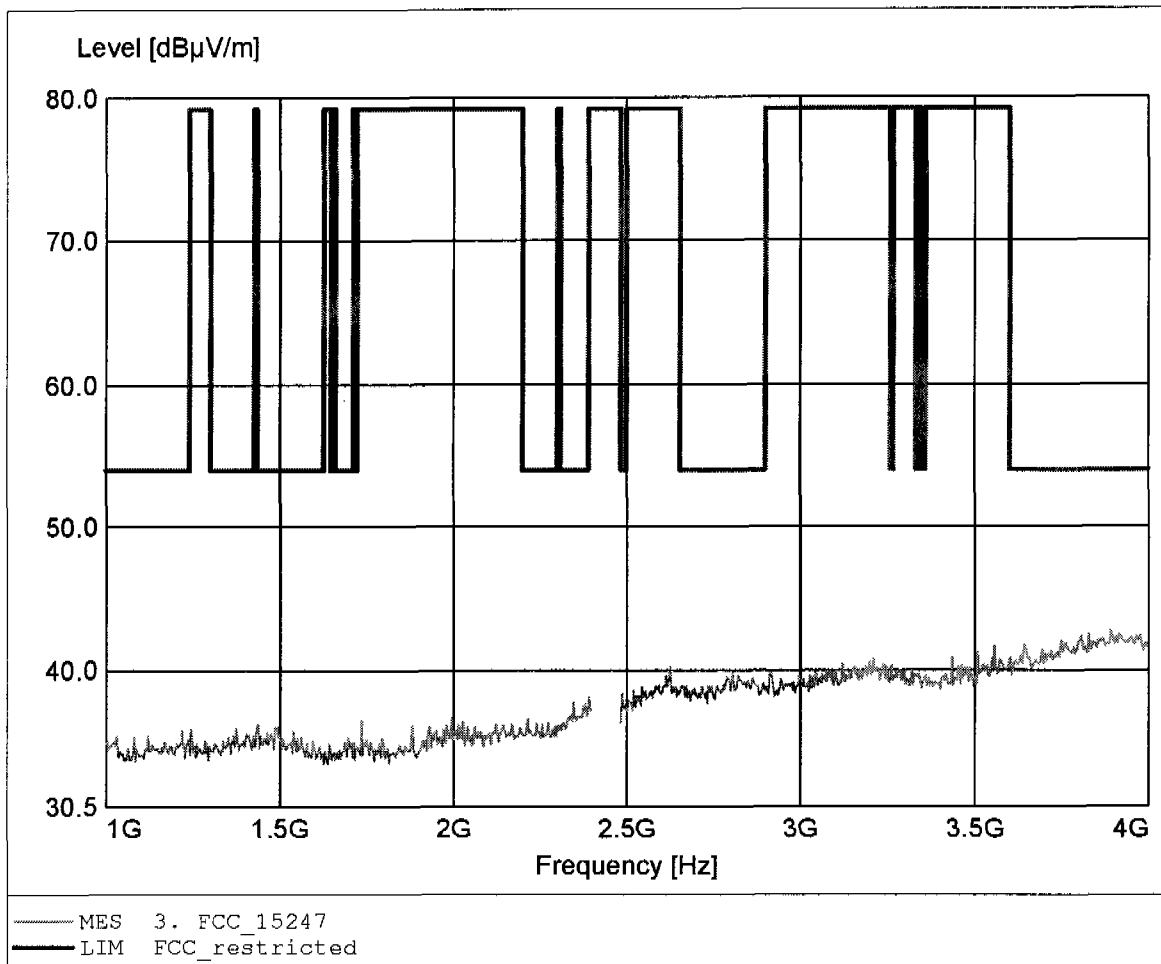
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m,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



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

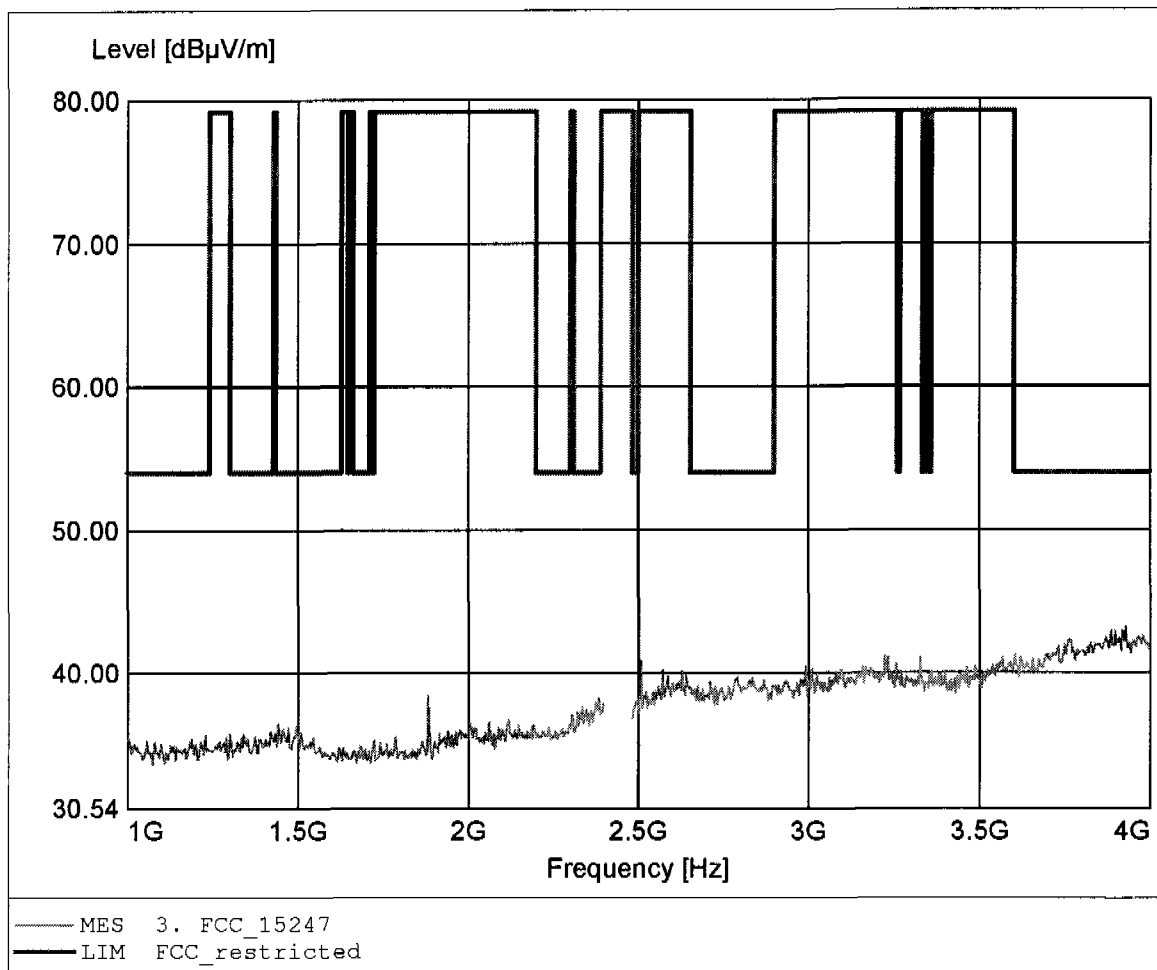
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHz 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 3.891GHz, Emax: 42.71dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

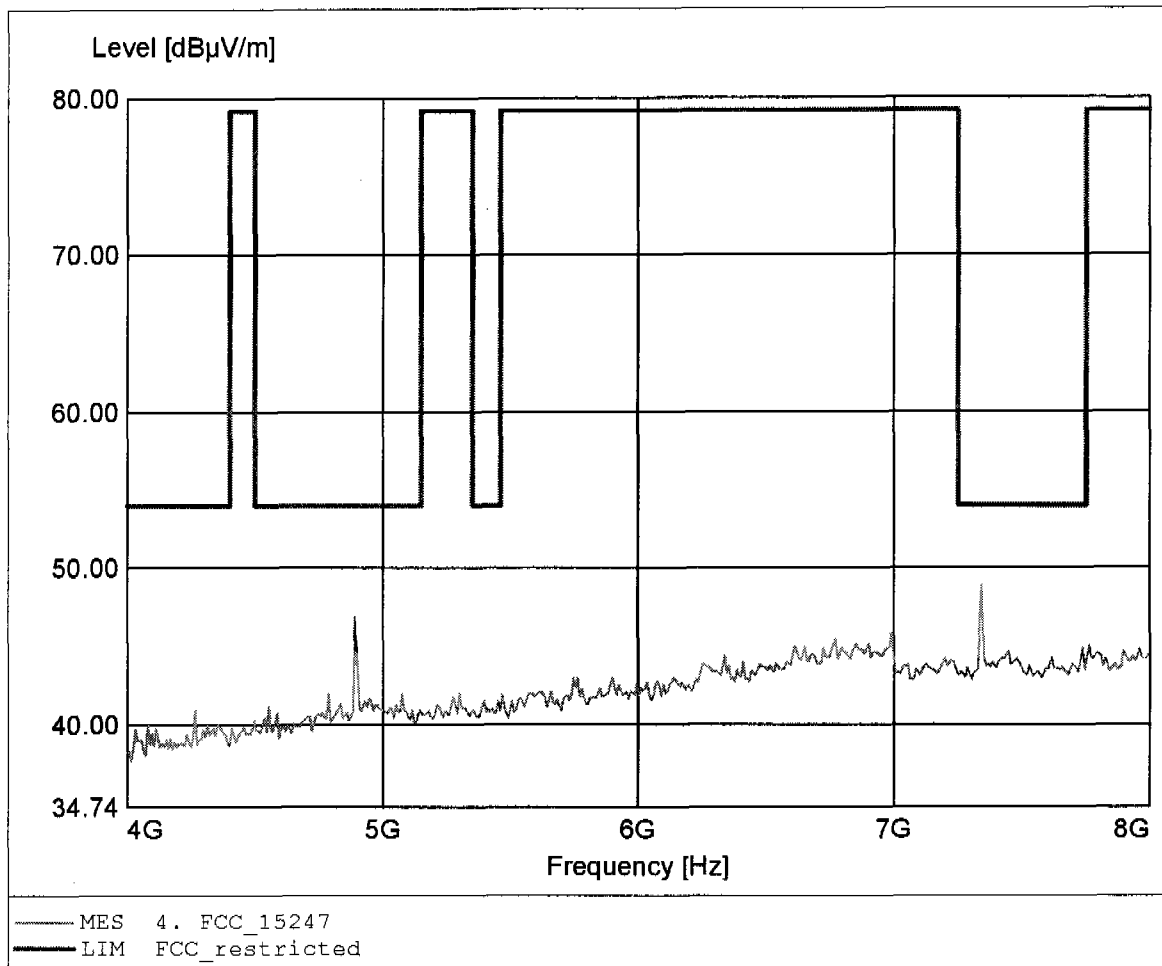
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHz 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 3.927GHz, Emax: 43.24dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

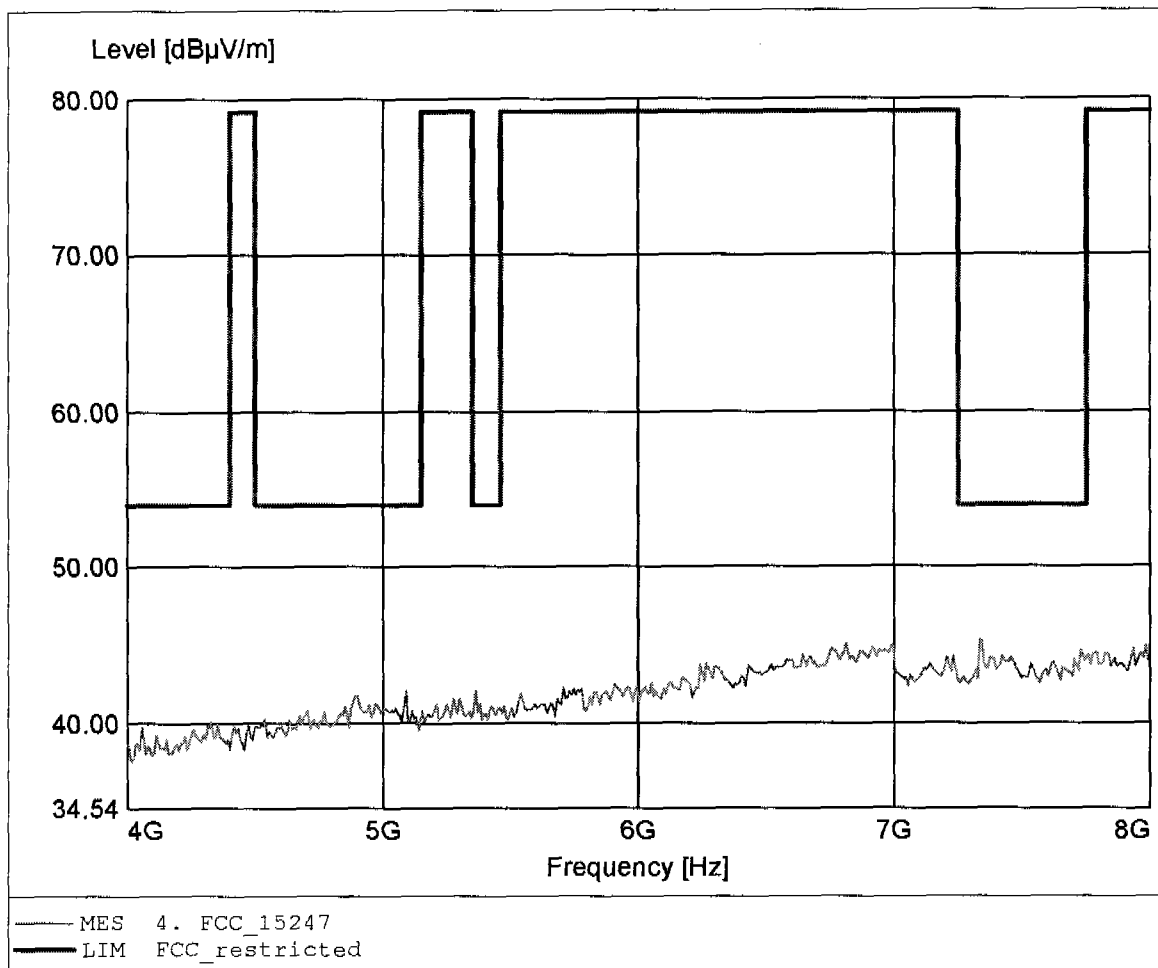
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.343GHz, Emax: 48.81dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

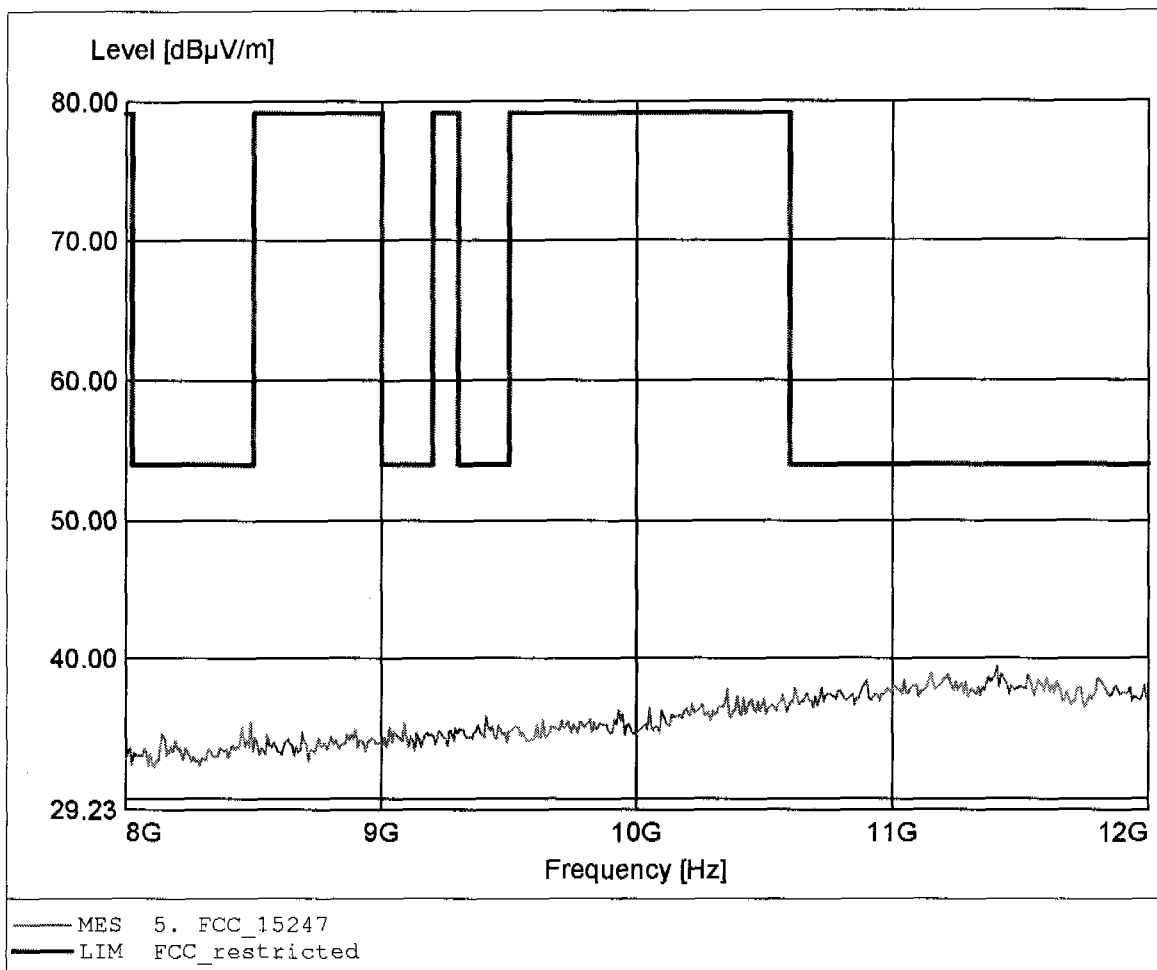
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHz 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.335GHz, Emax: 45.25dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

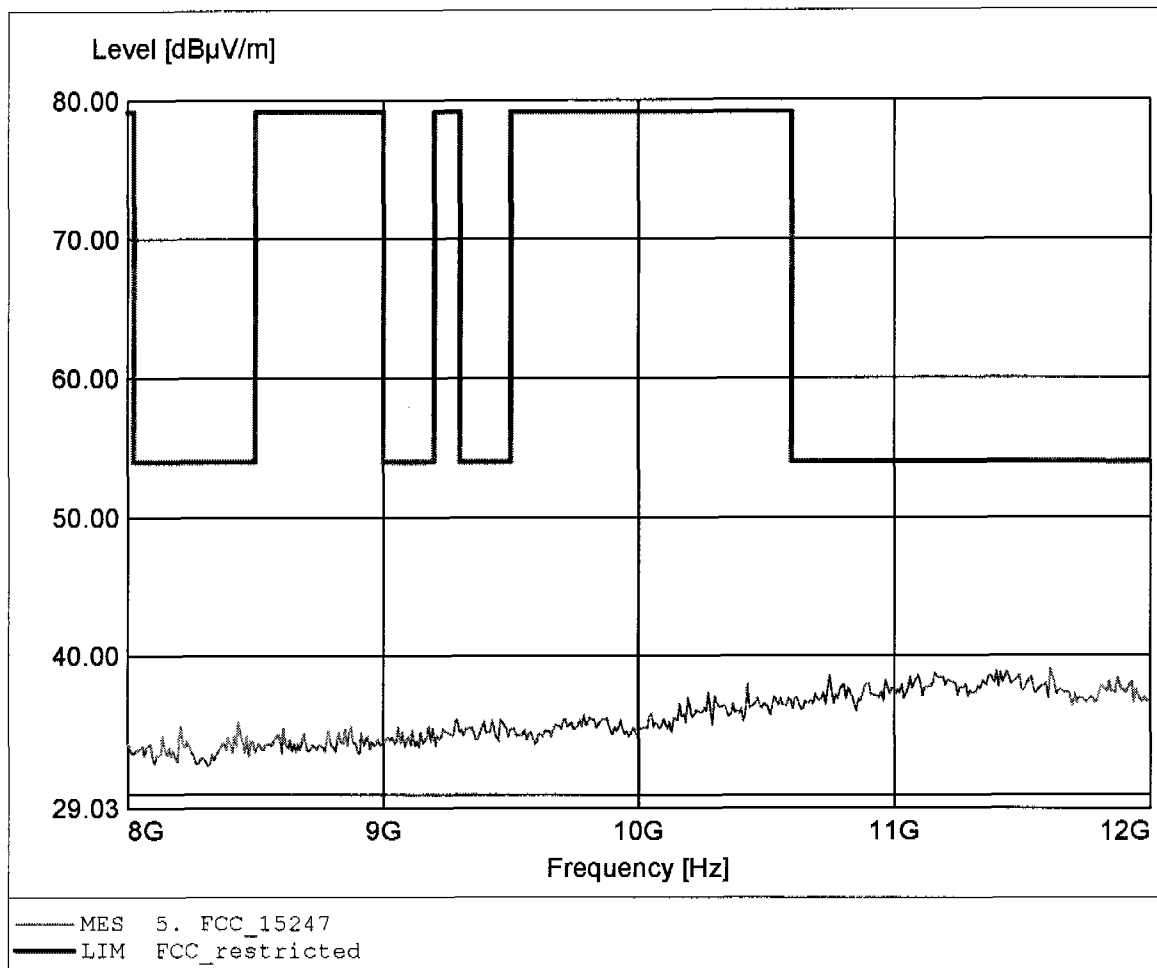
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHz 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.407GHz, Emax: 39.39dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

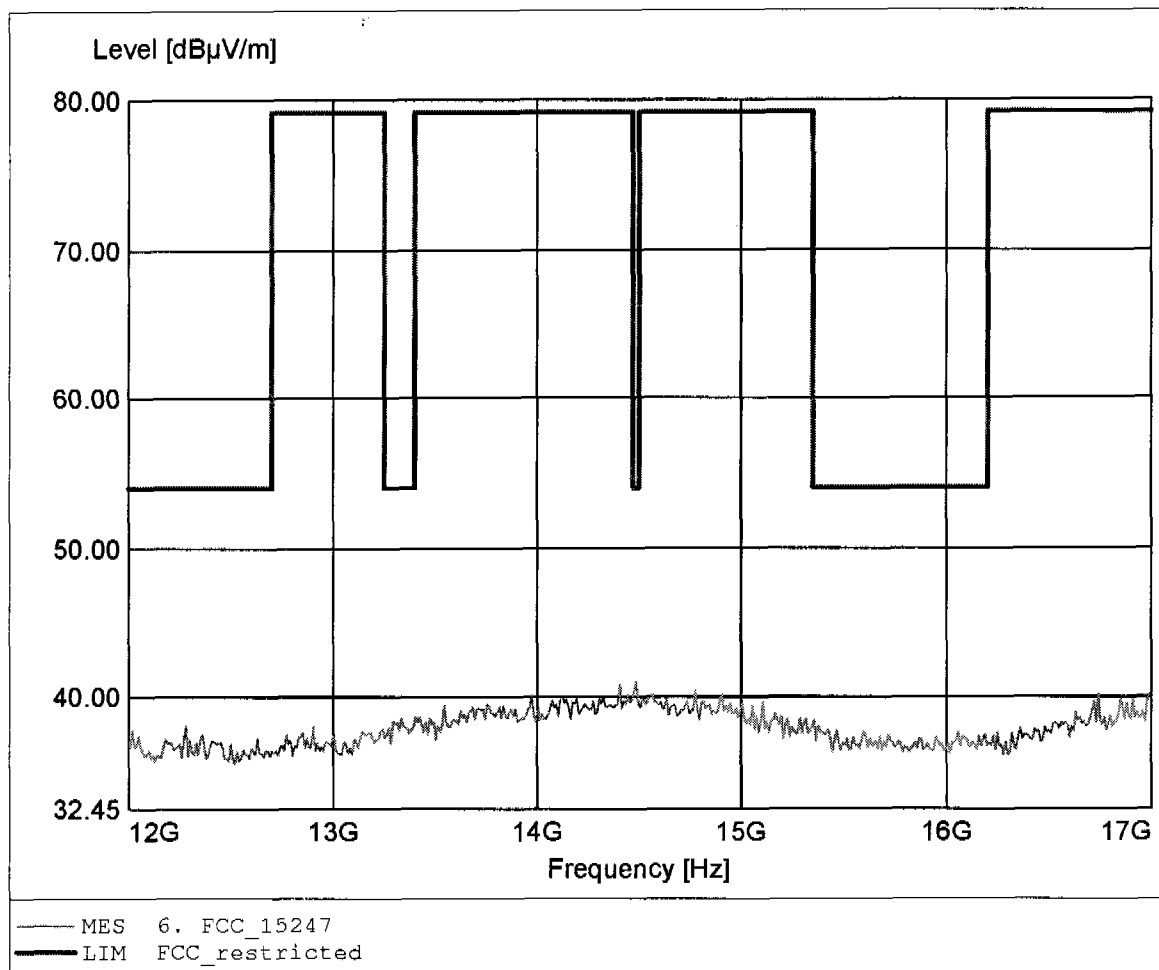
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.607GHz, Emax: 39.04dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

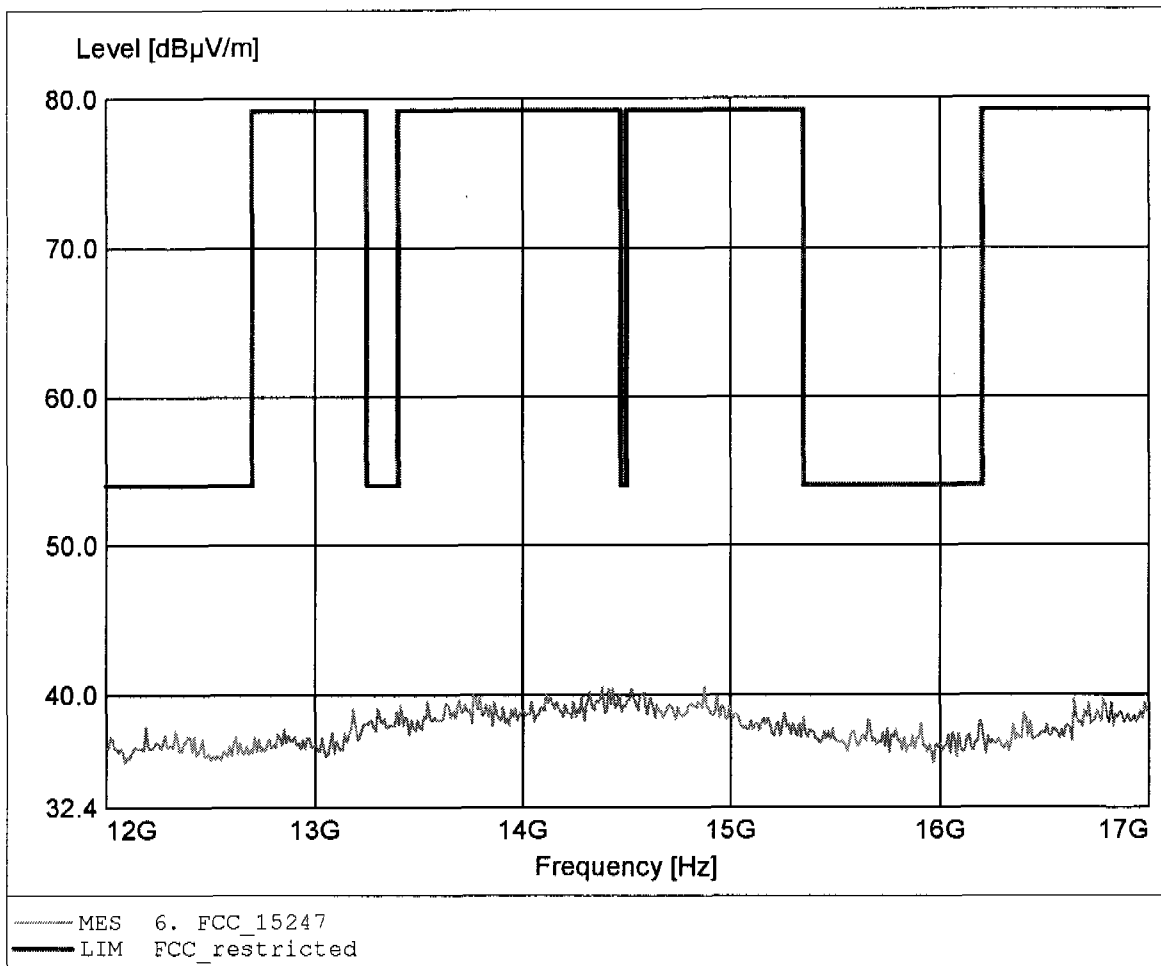
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.485GHz, Emax: 41.02dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

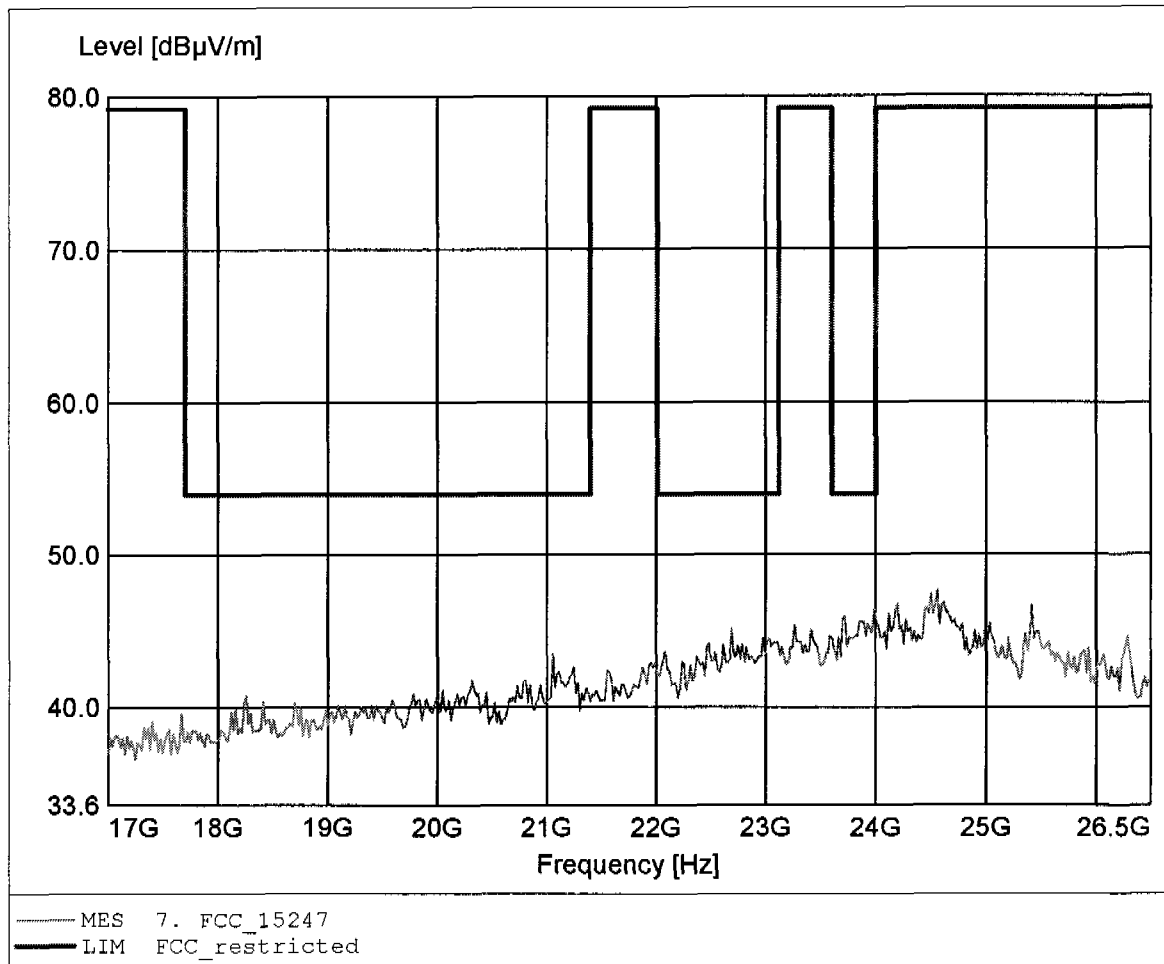
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.385GHz, Emax: 40.51dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

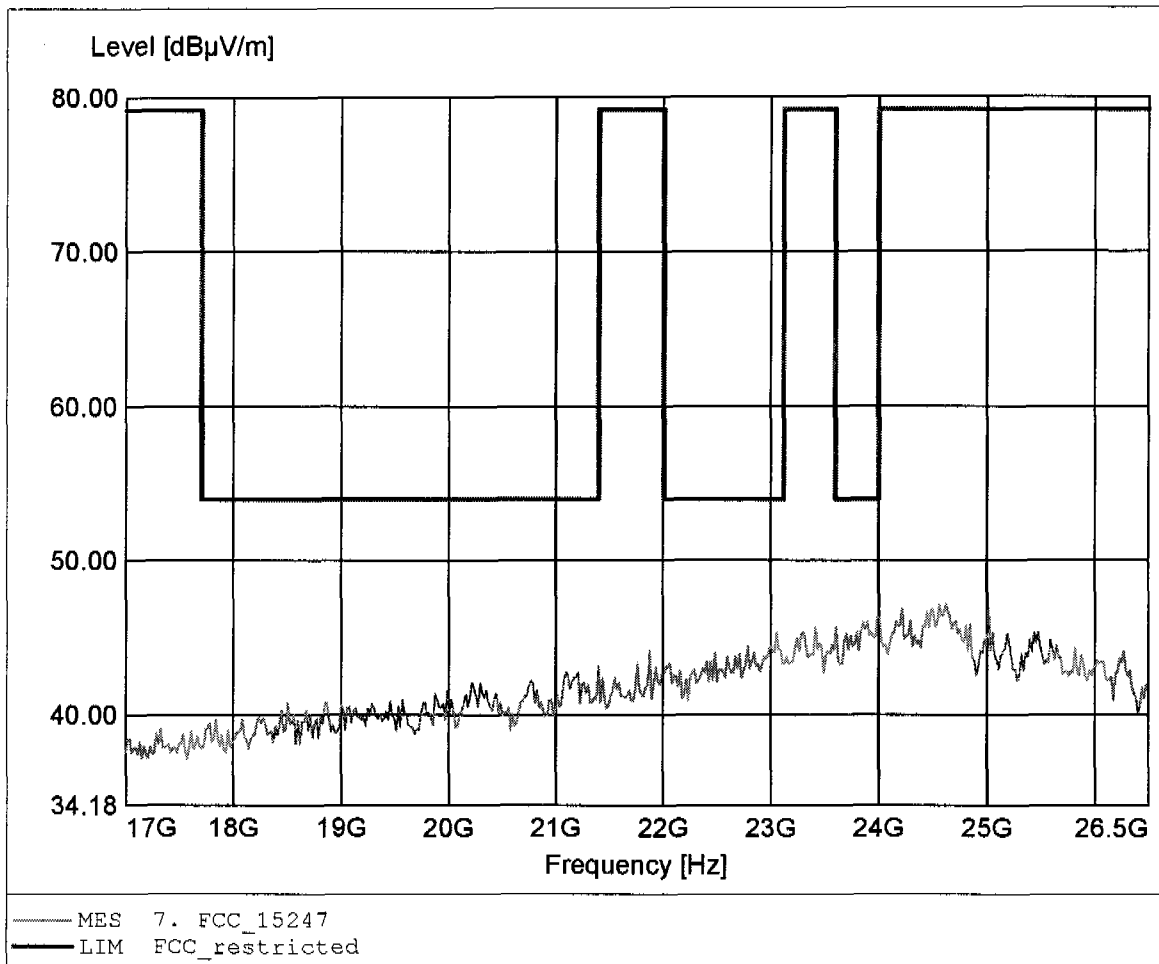
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.558GHz, Emax: 47.66dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

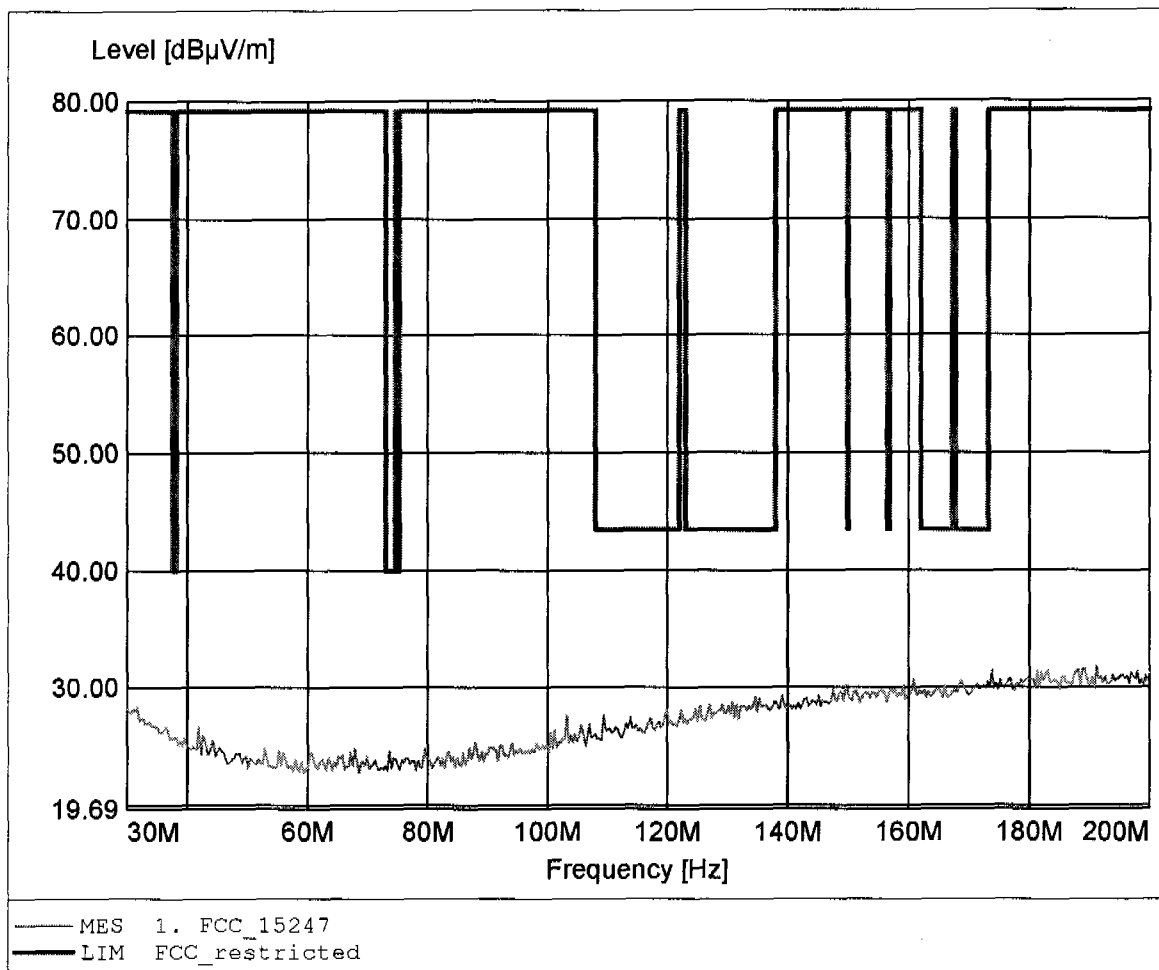
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.615GHz, Emax: 47.12dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

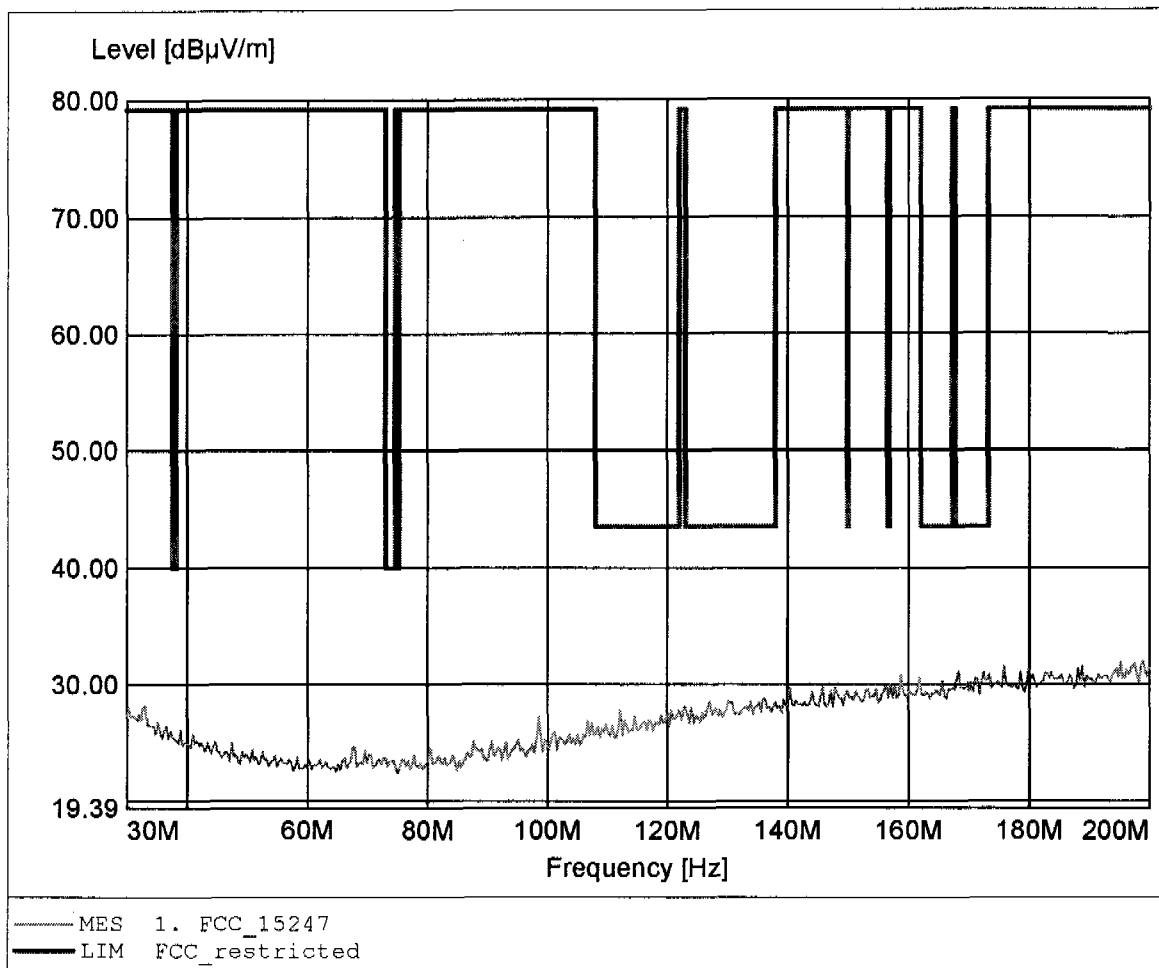
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.142MHz, Emax: 31.79dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

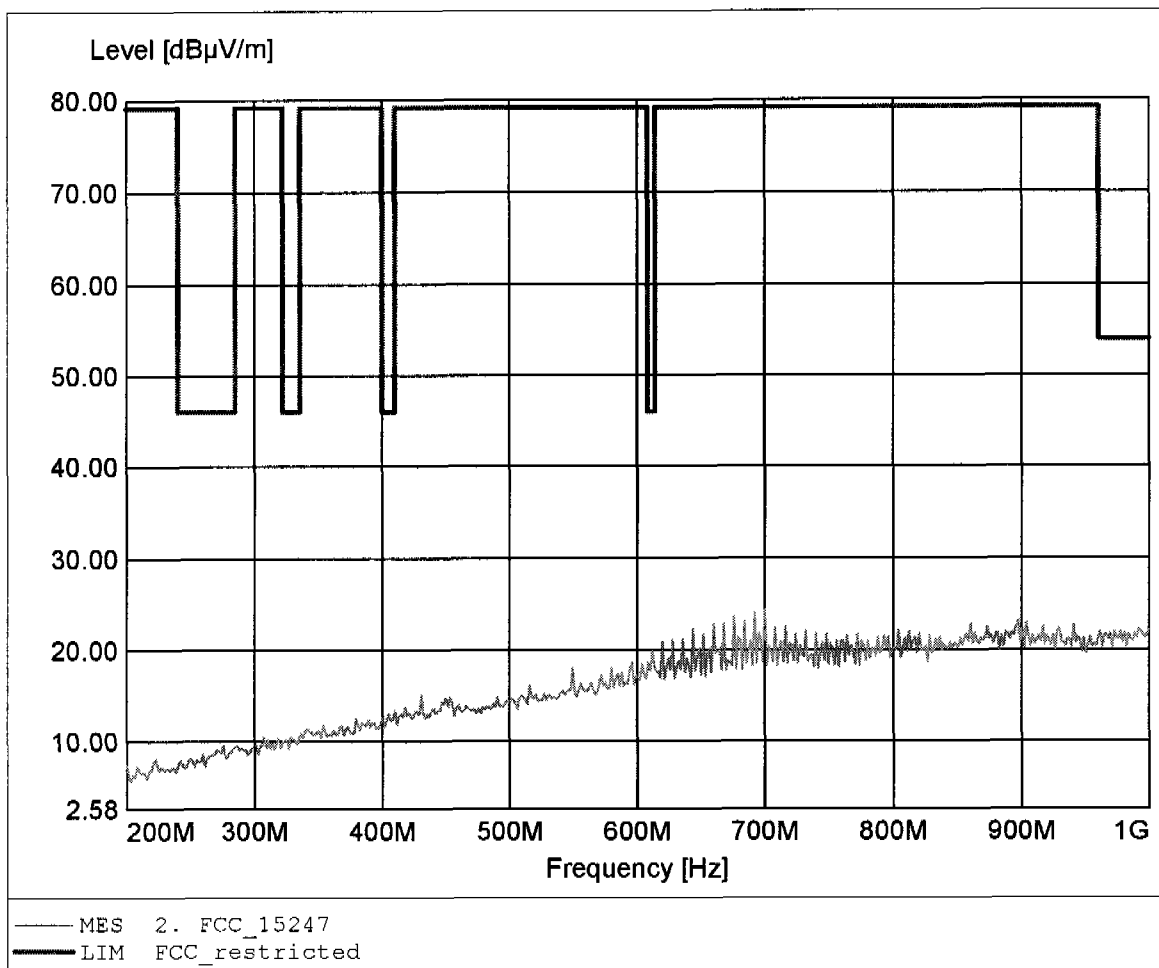
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.978MHz, Emax: 31.99dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

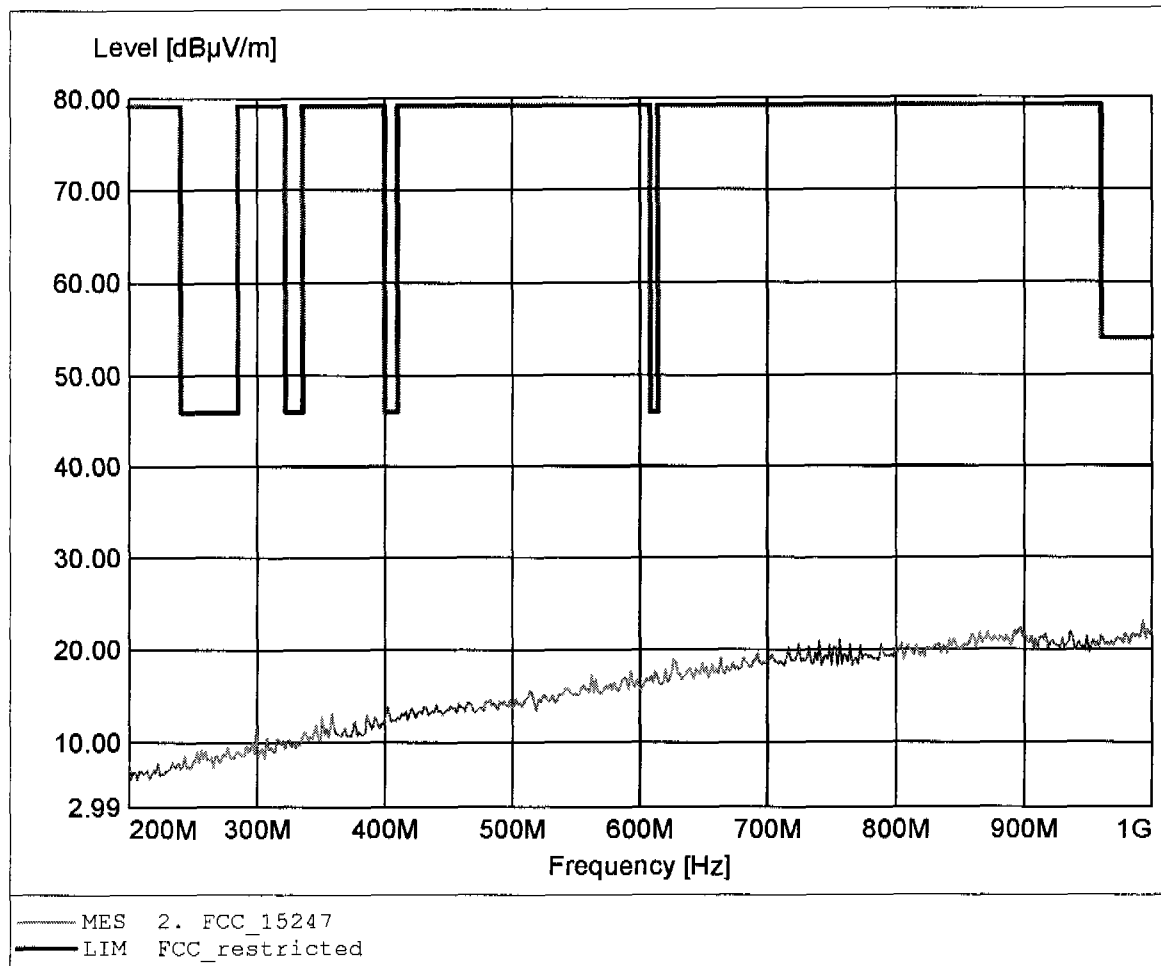
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 700.200MHz, Emax: 24.61dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

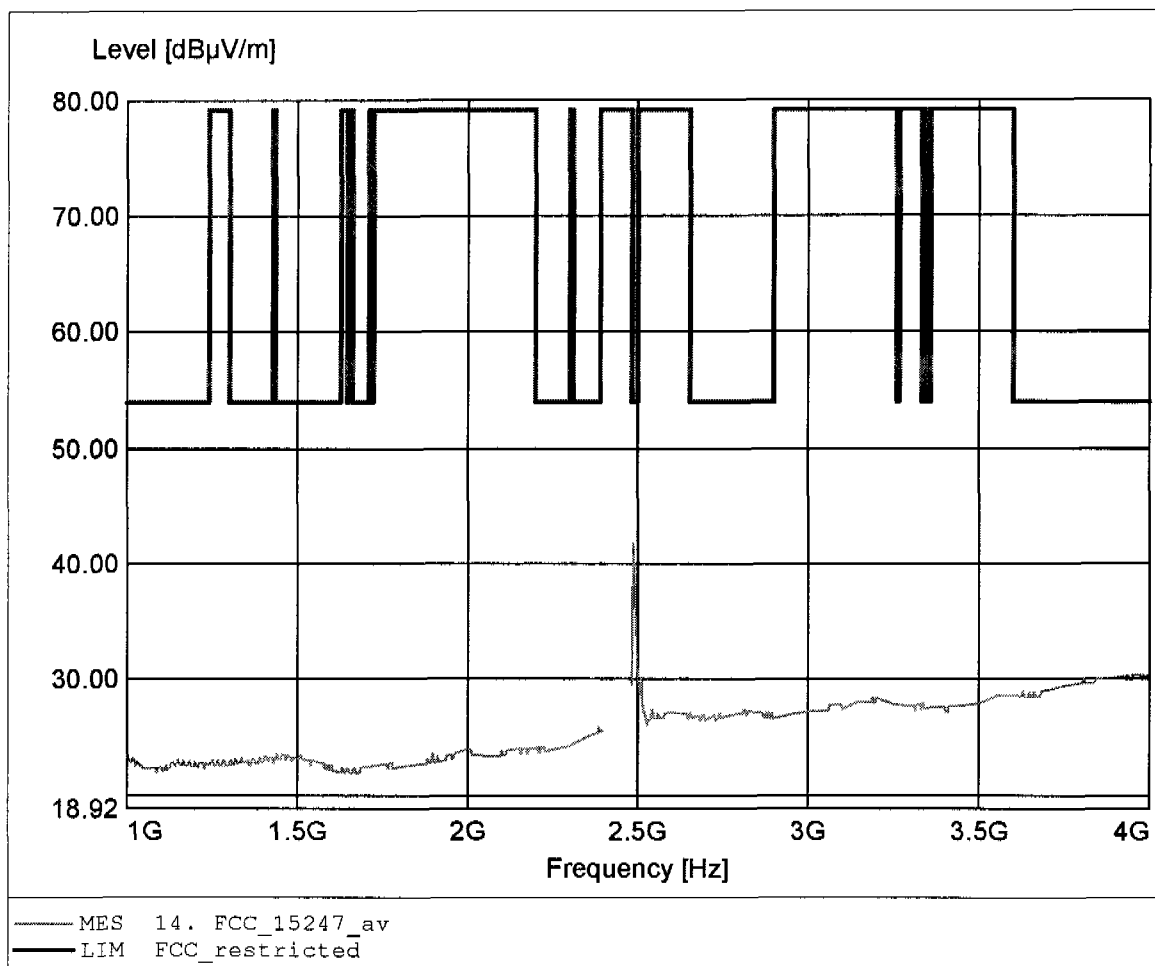
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 993.587MHz, Emax: 23.12dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

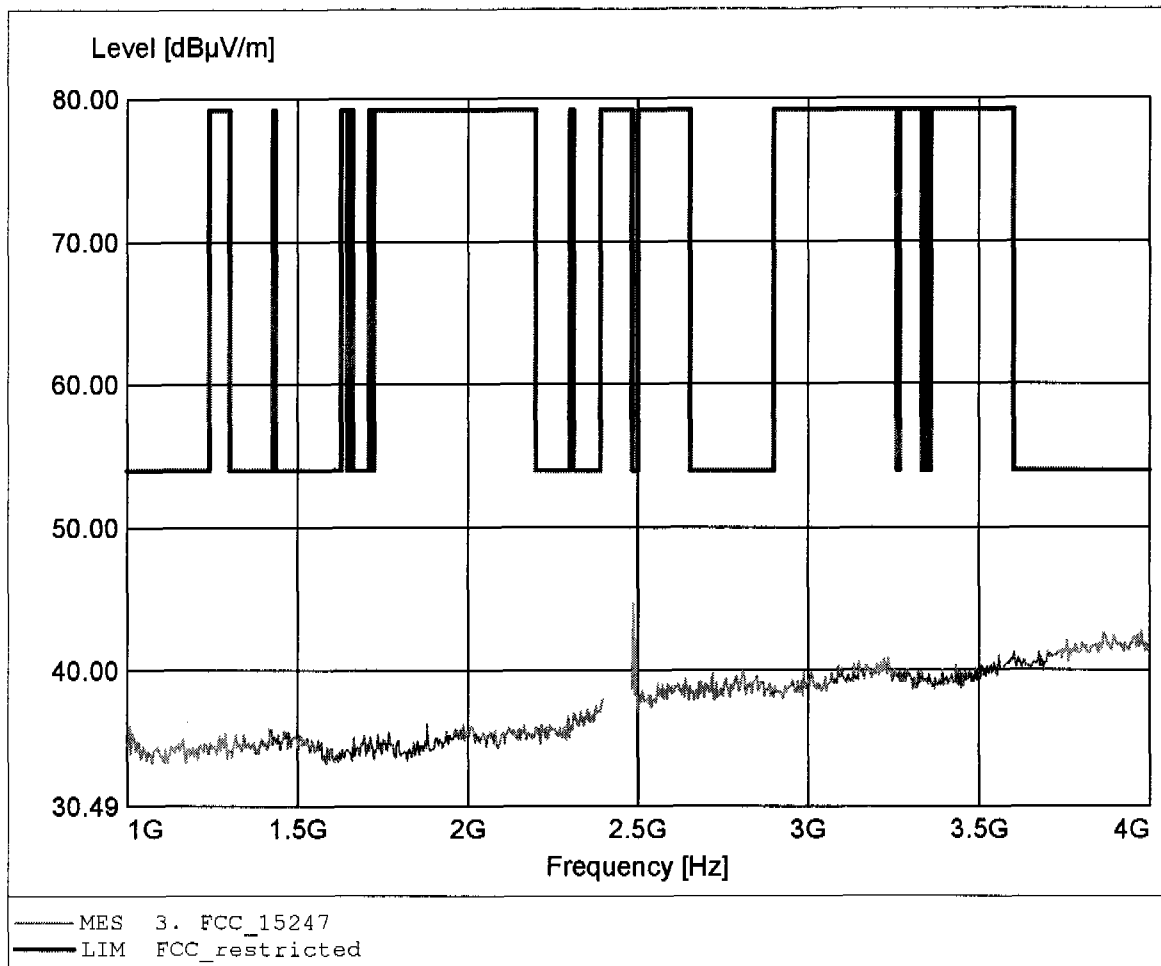
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.487GHz, Emax: 41.83dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

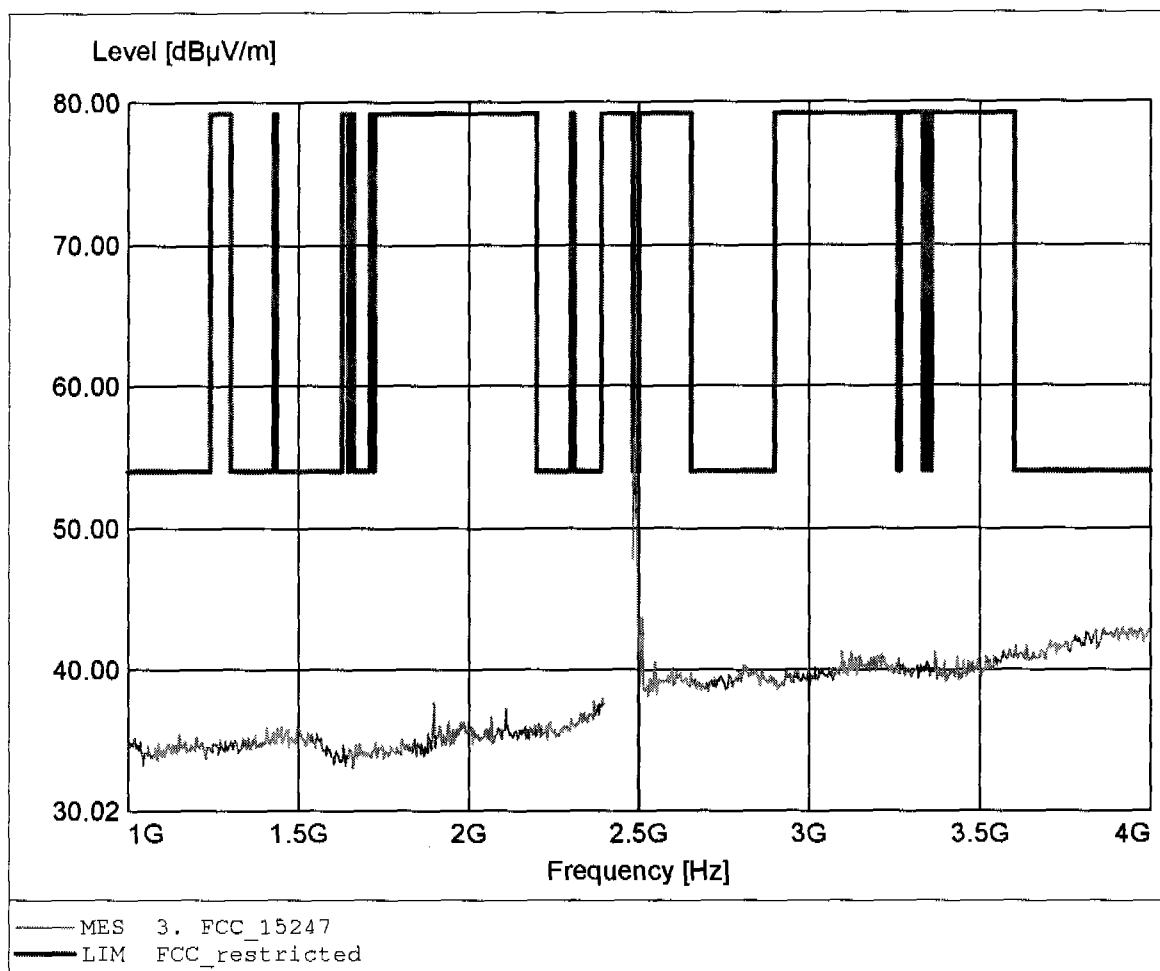
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.487GHz, Emax: 44.67dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

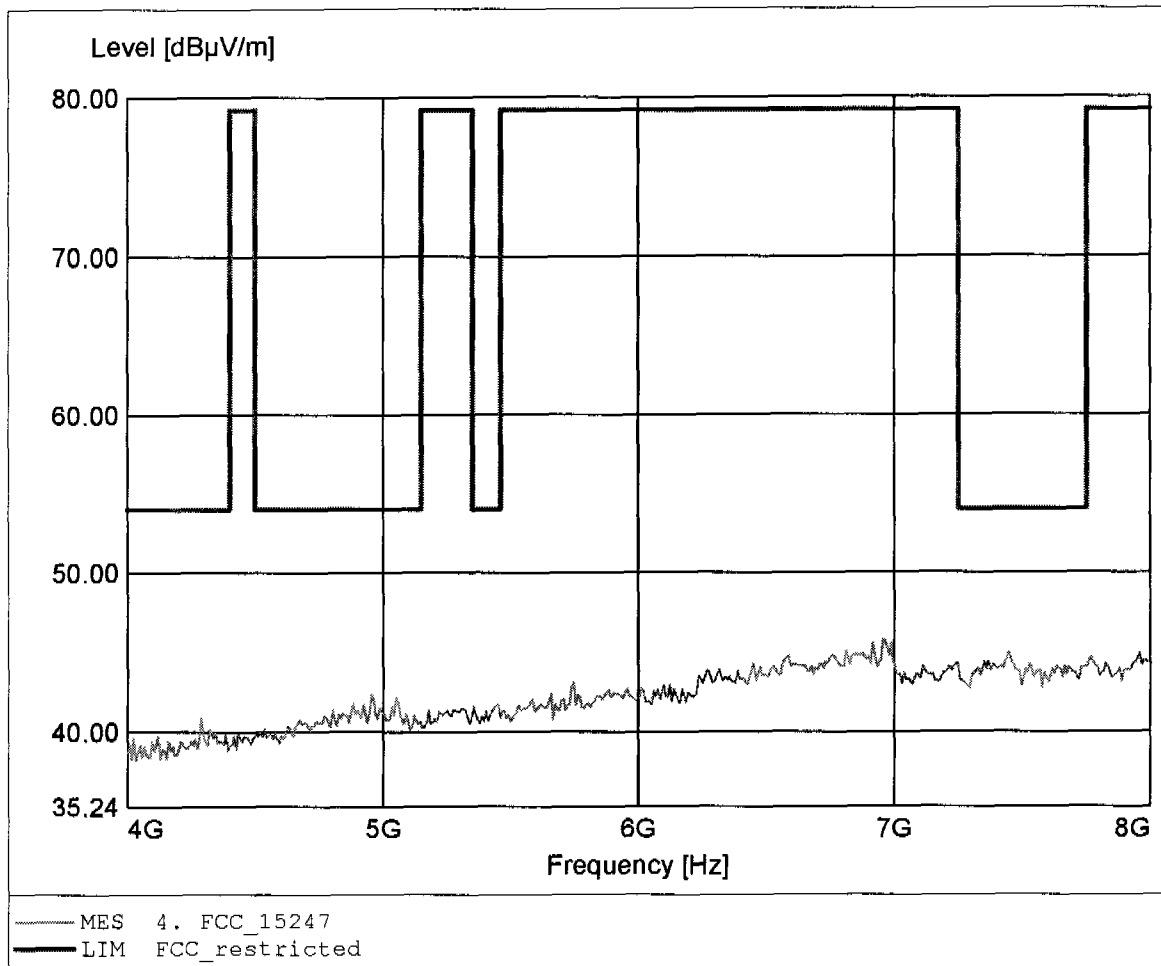
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif., notch-filter
Comment 2: Freq: 2.487GHz, Emax: 56.27dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

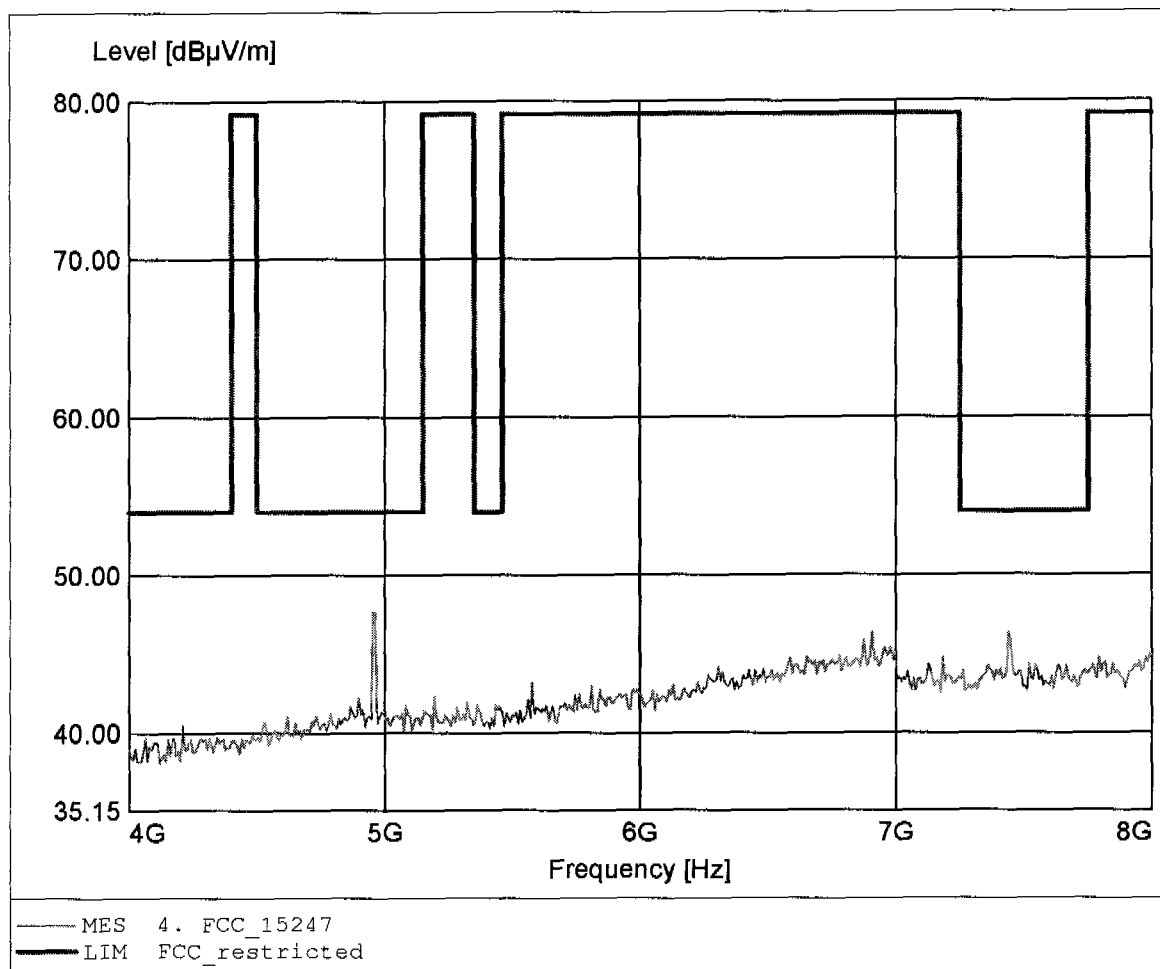
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.958GHz, Emax: 45.80dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

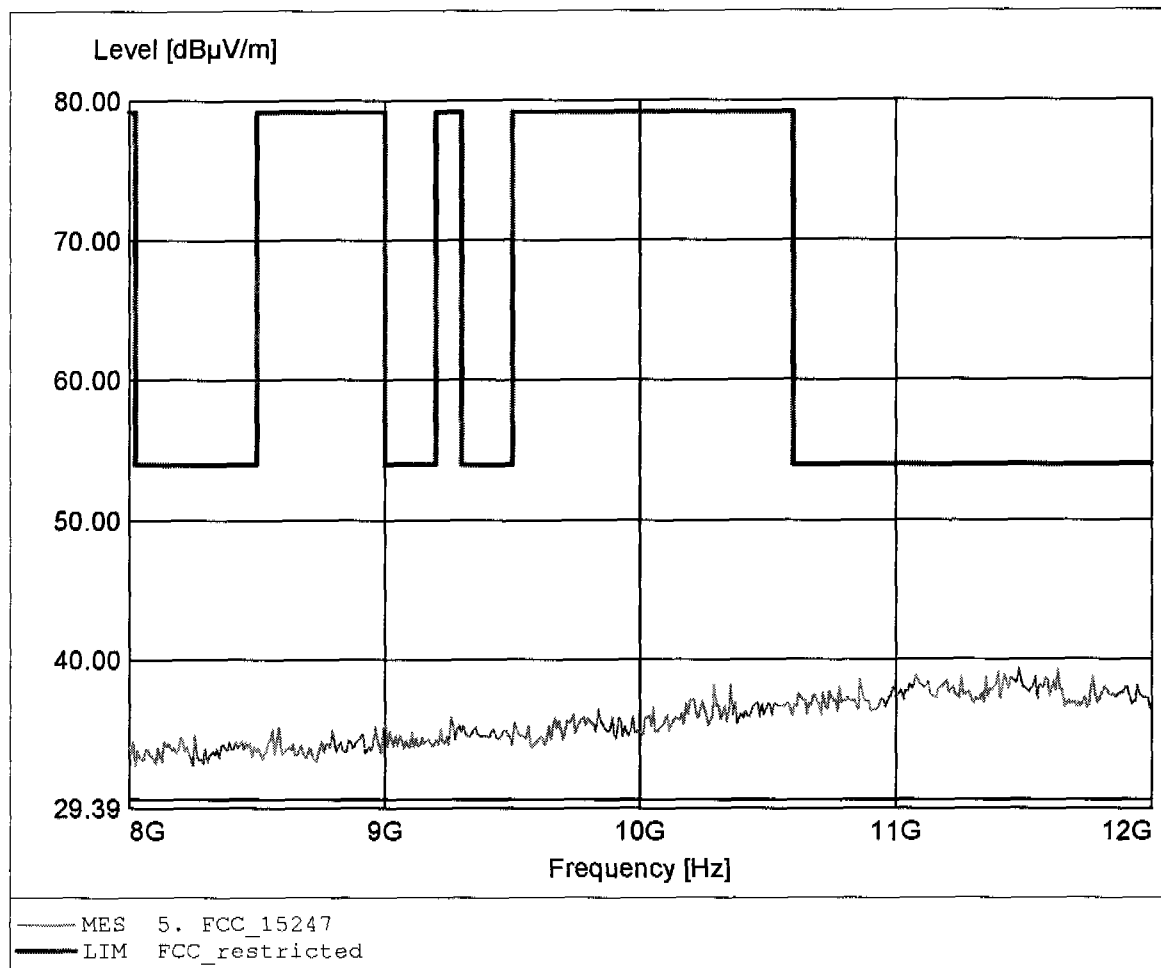
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 47.65dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

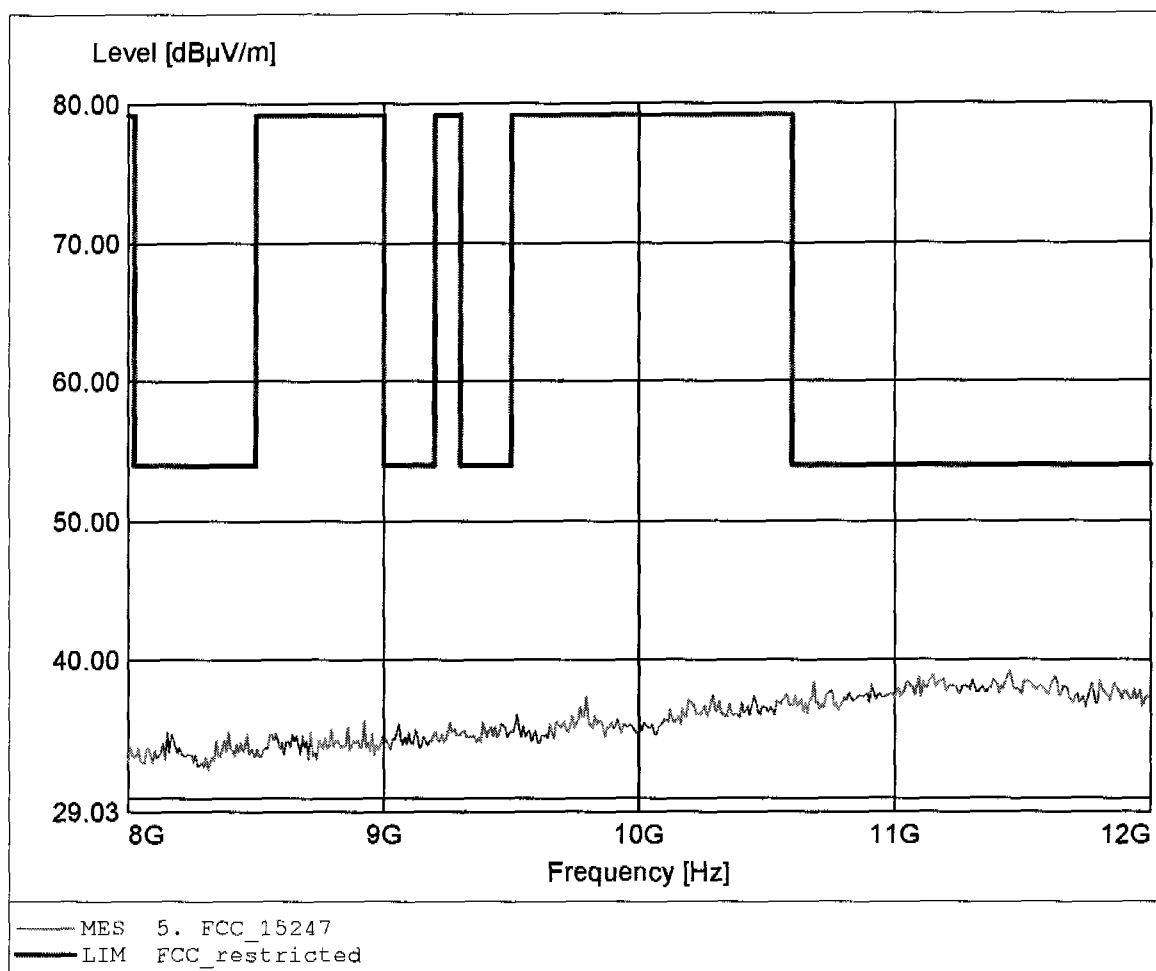
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.479GHz, Emax: 39.33dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

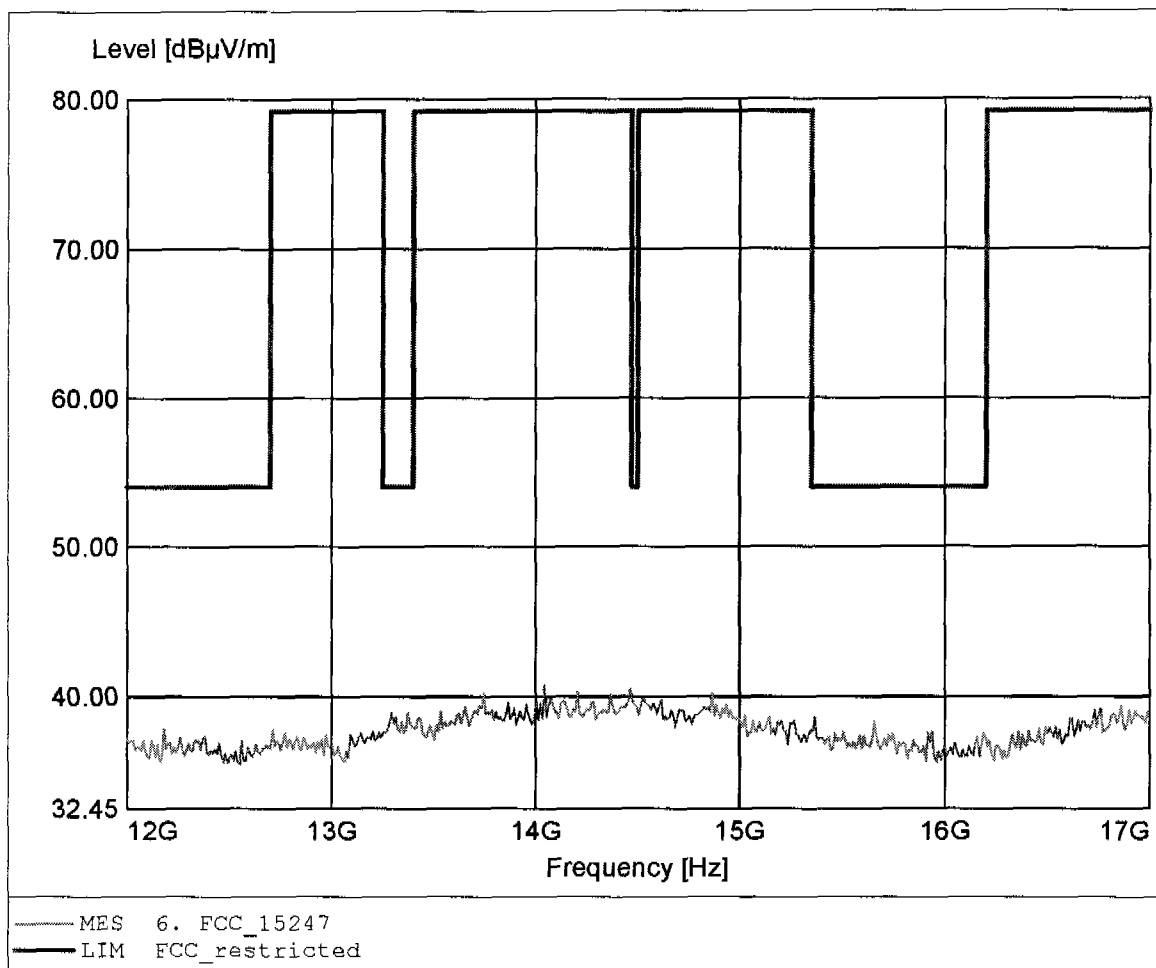
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.447GHz, Emax: 39.18dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

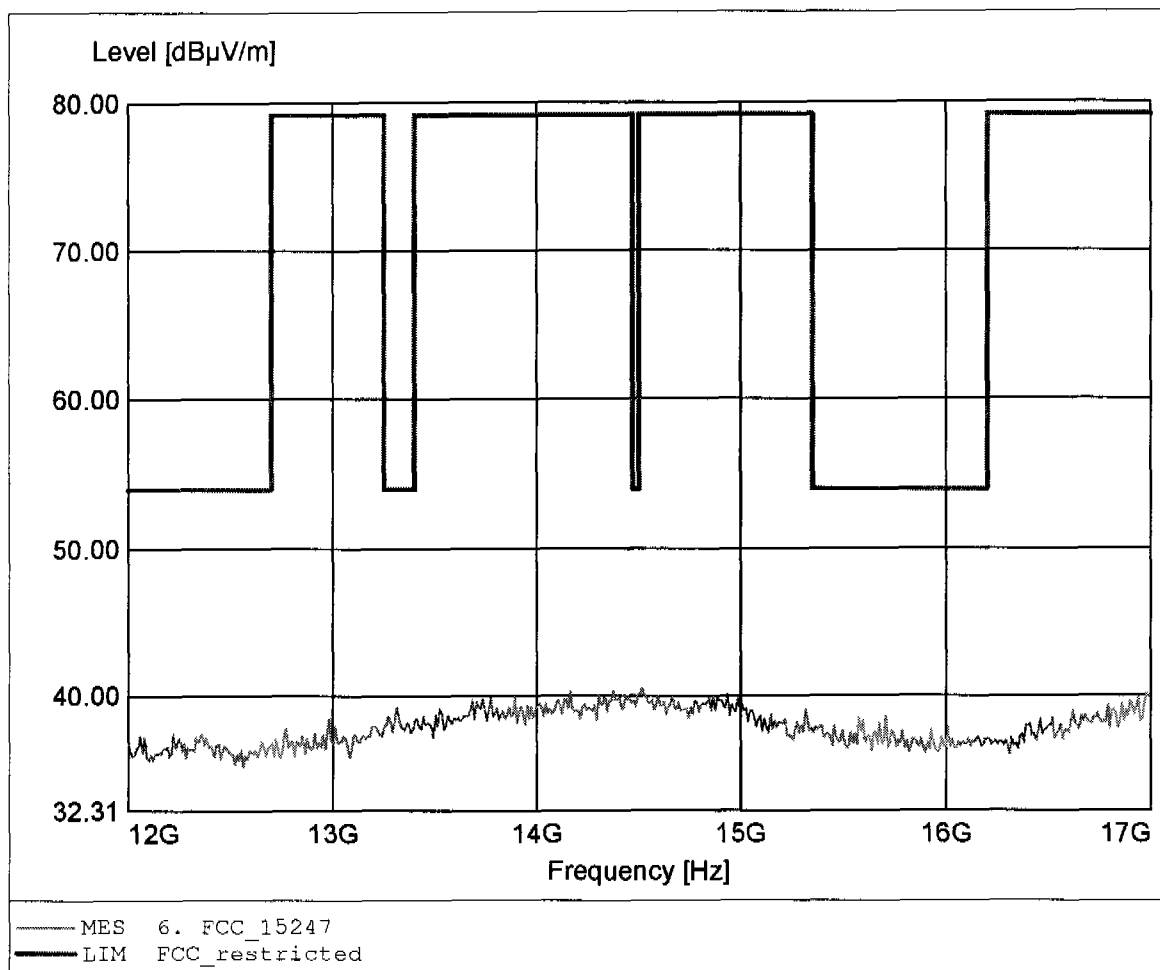
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.044GHz, Emax: 40.78dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

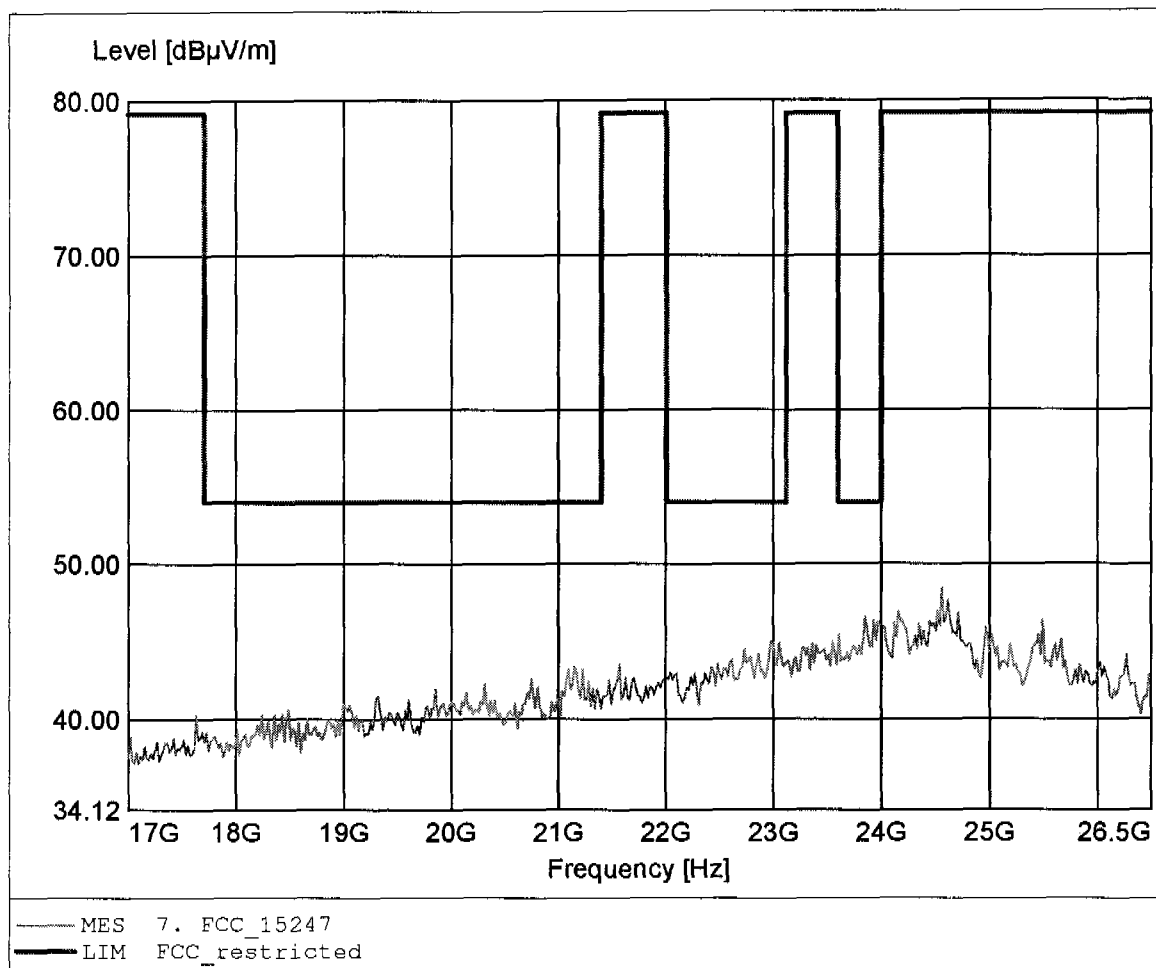
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.515GHz, Emax: 40.47dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

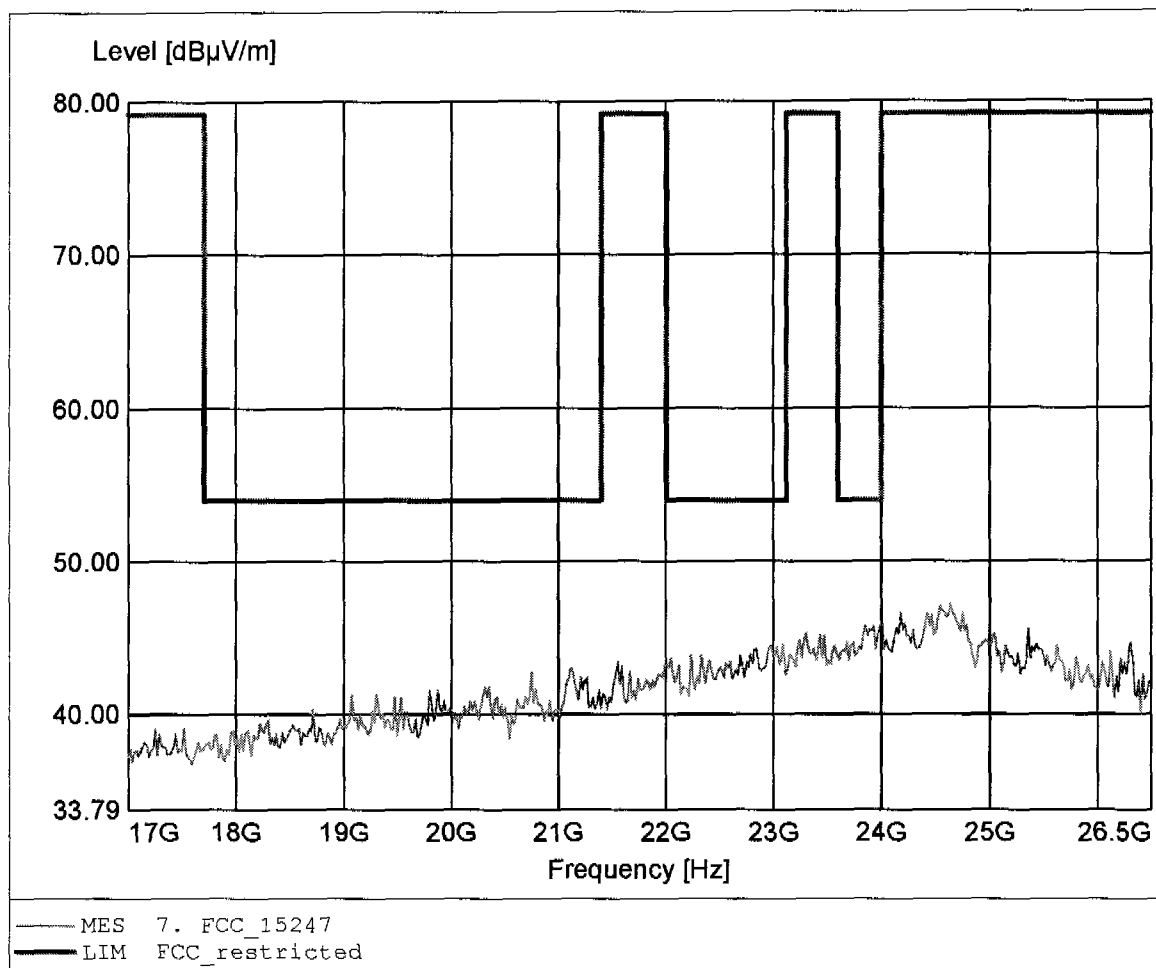
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 26 / 2480 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.558GHz, Emax: 48.45dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

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, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.634GHz, Emax: 47.17dBµV/m, RBW: 1MHz

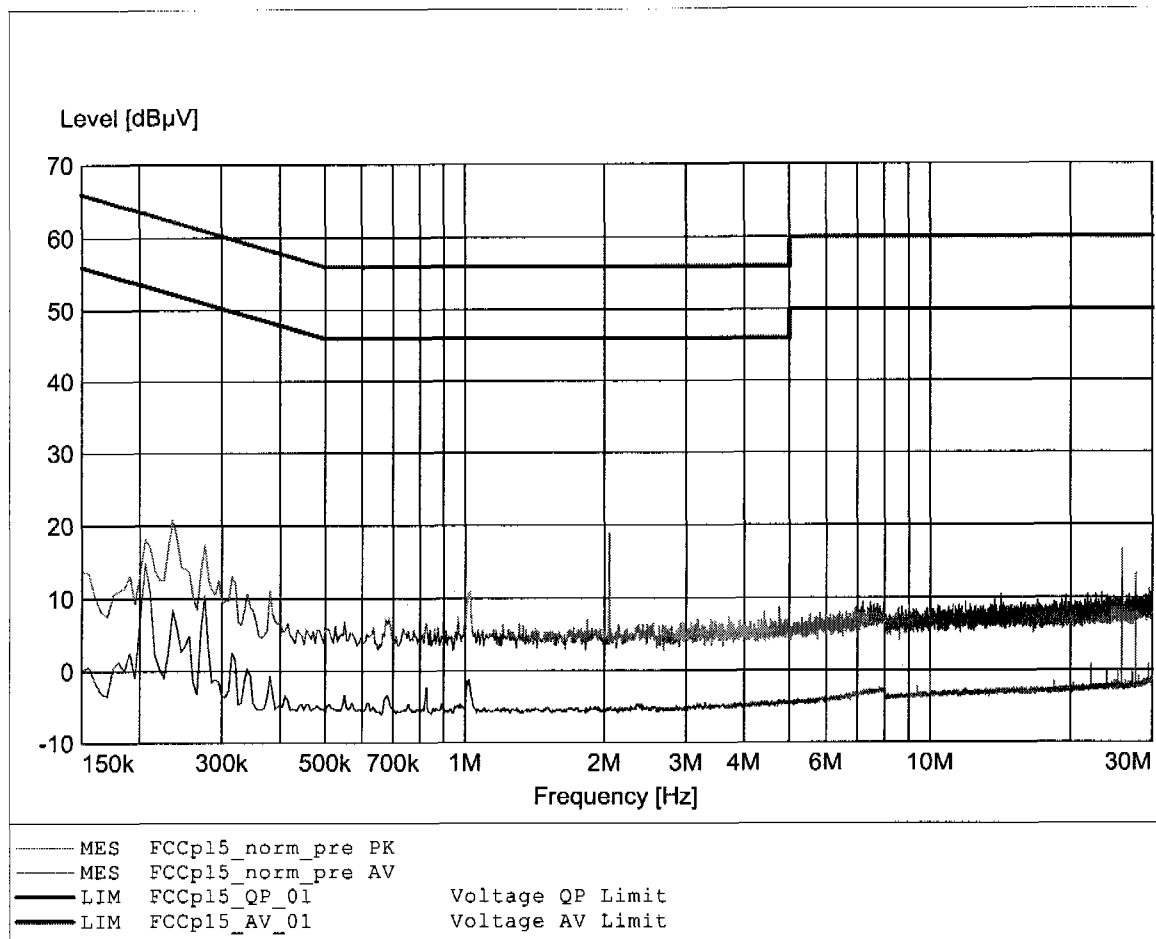


Appendix H

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



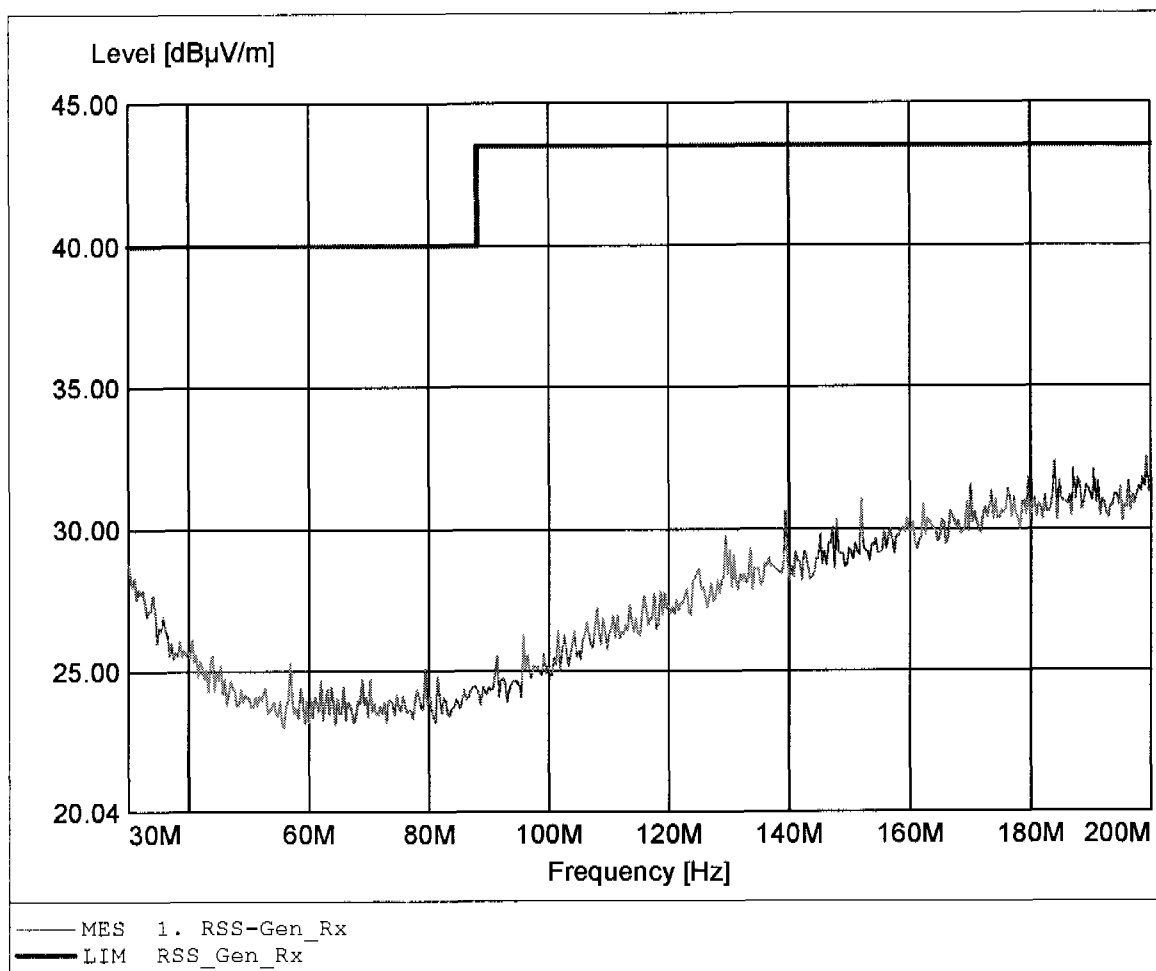
Appendix I

Receiver radiated emisissions

Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

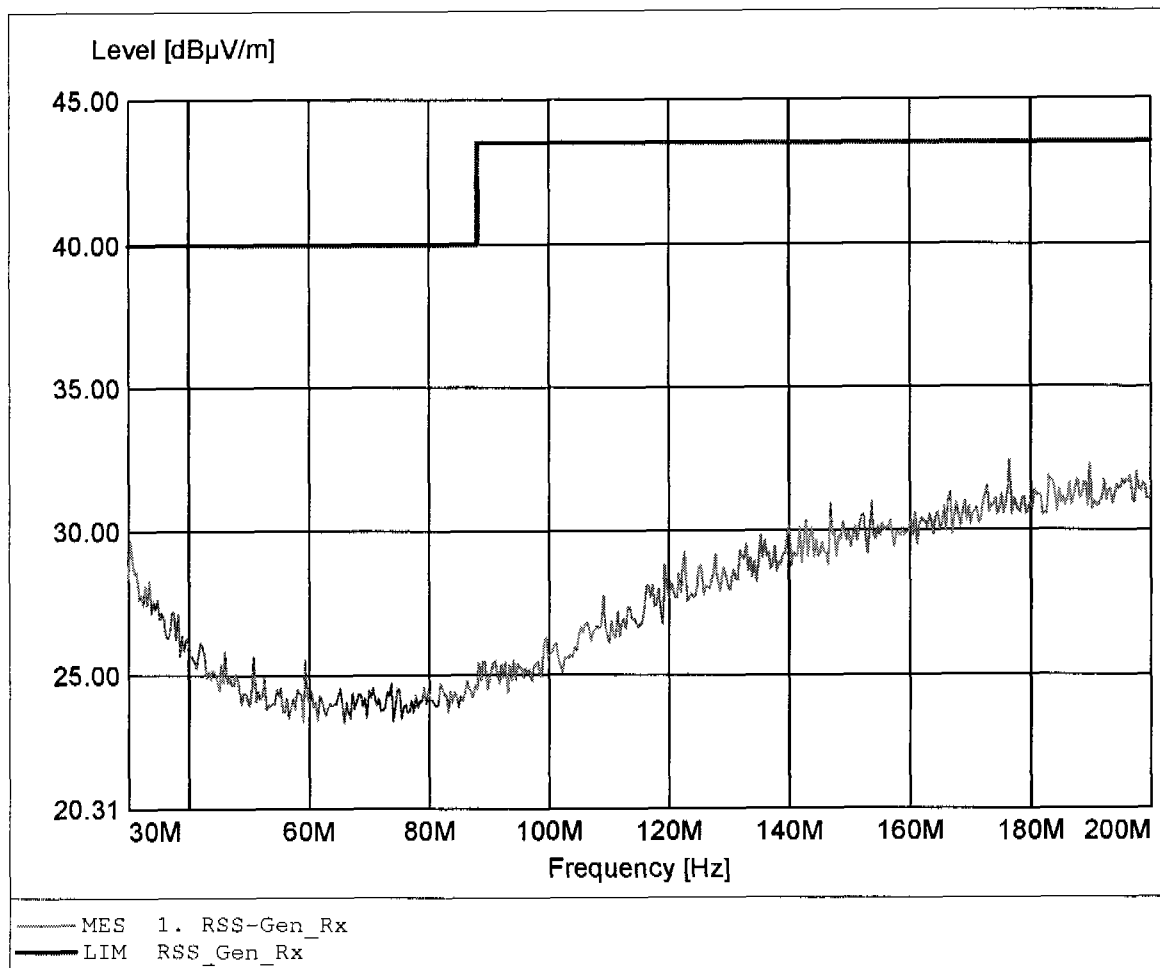
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:199.319MHz Emax:32.47dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

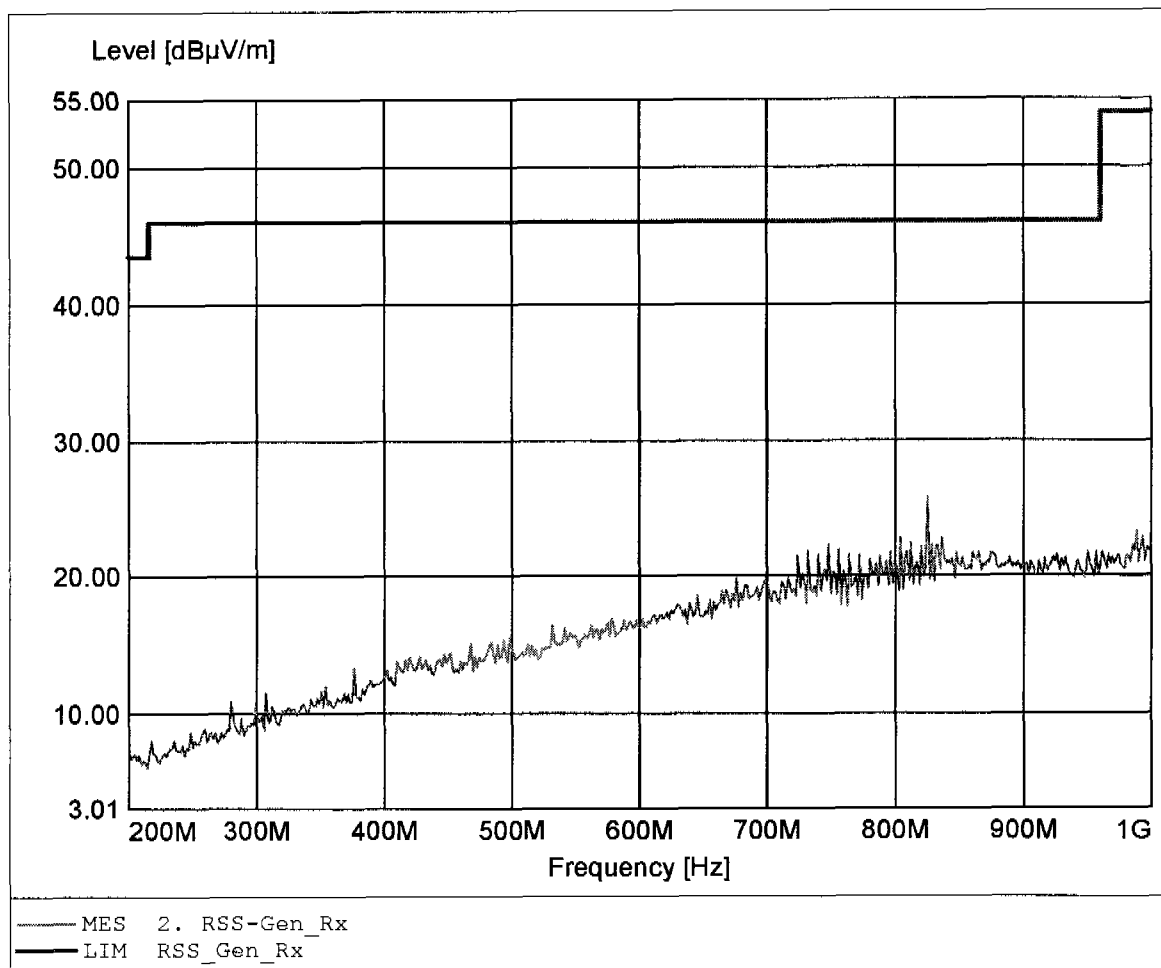
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:176.493MHz Emax:32.43dBμV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

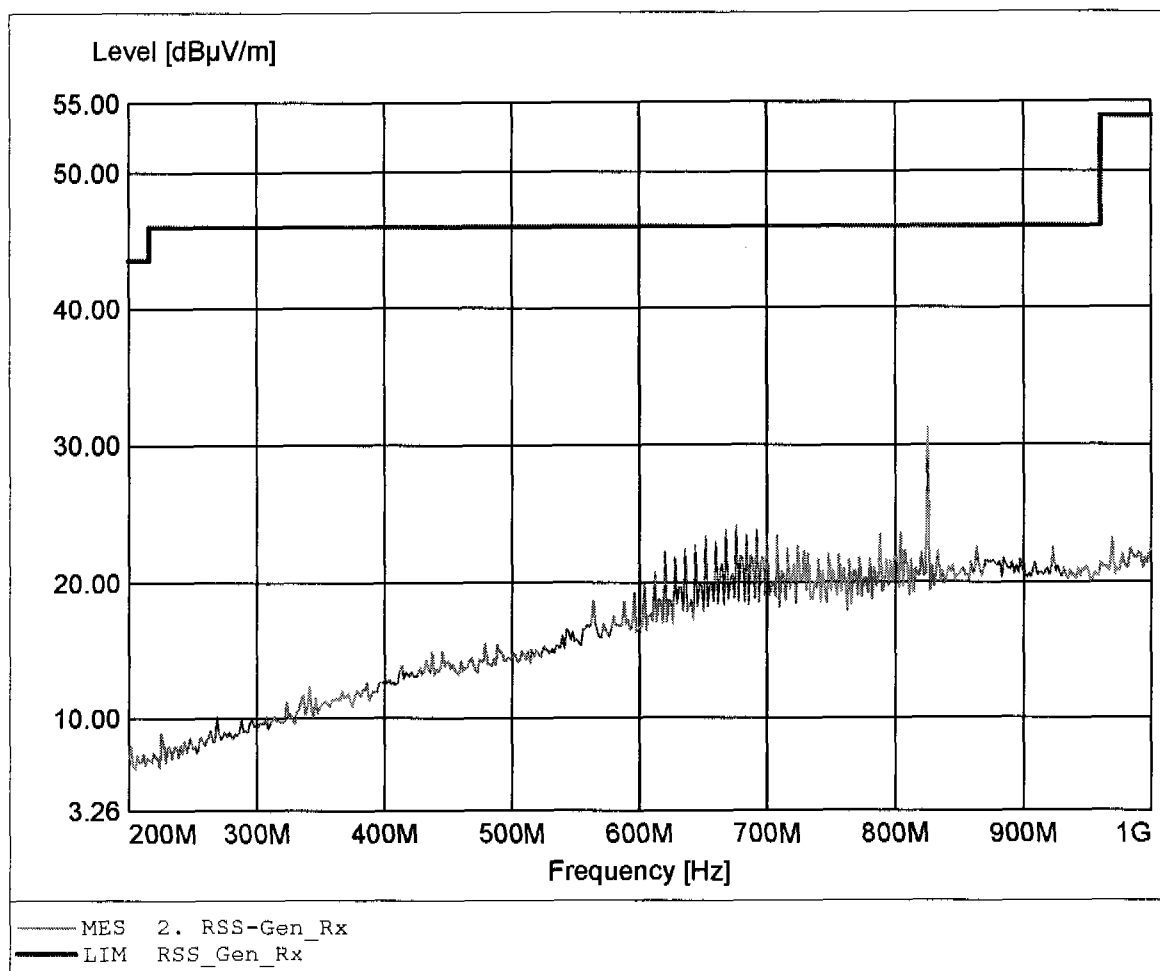
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:825.251MHz Emax:25.79dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

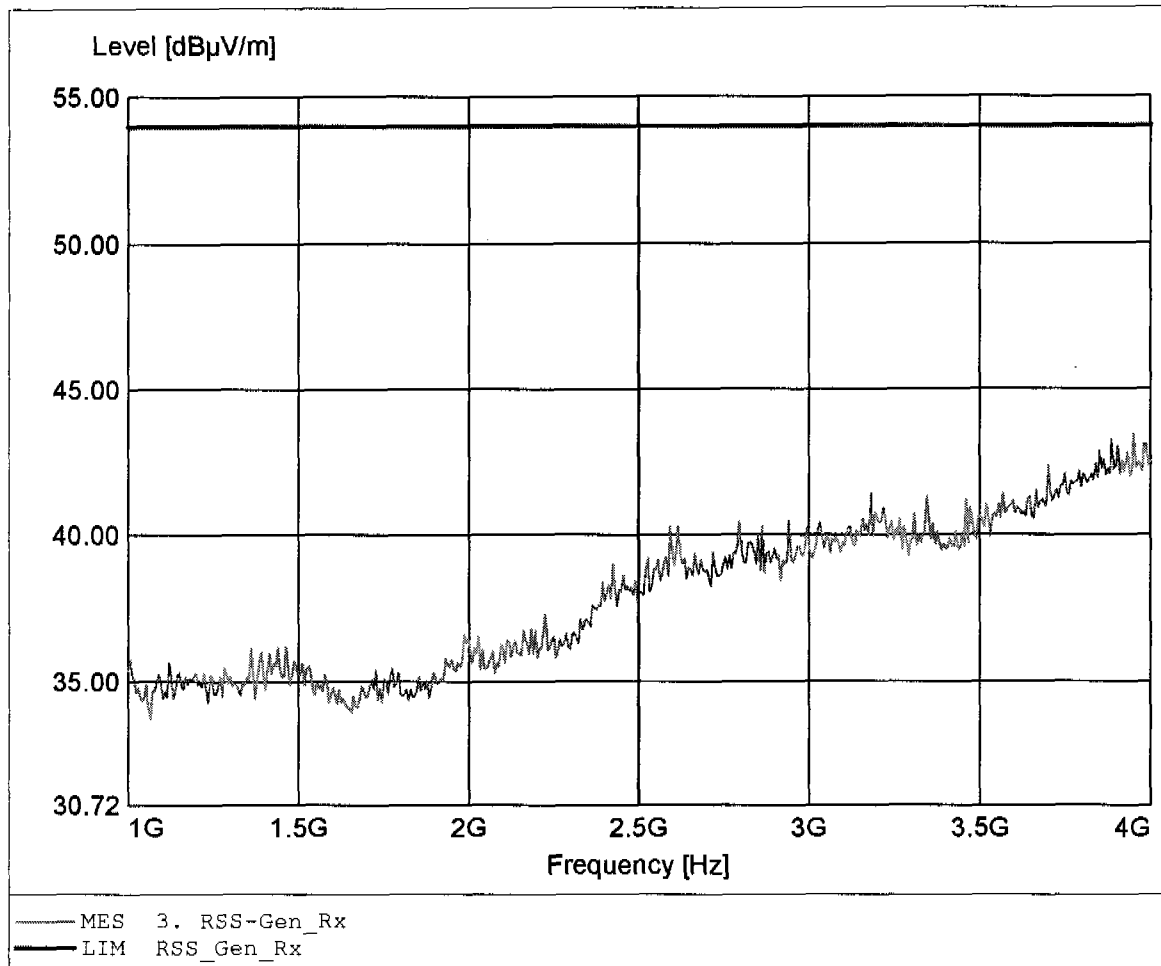
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:825.251MHz Emax:31.18dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

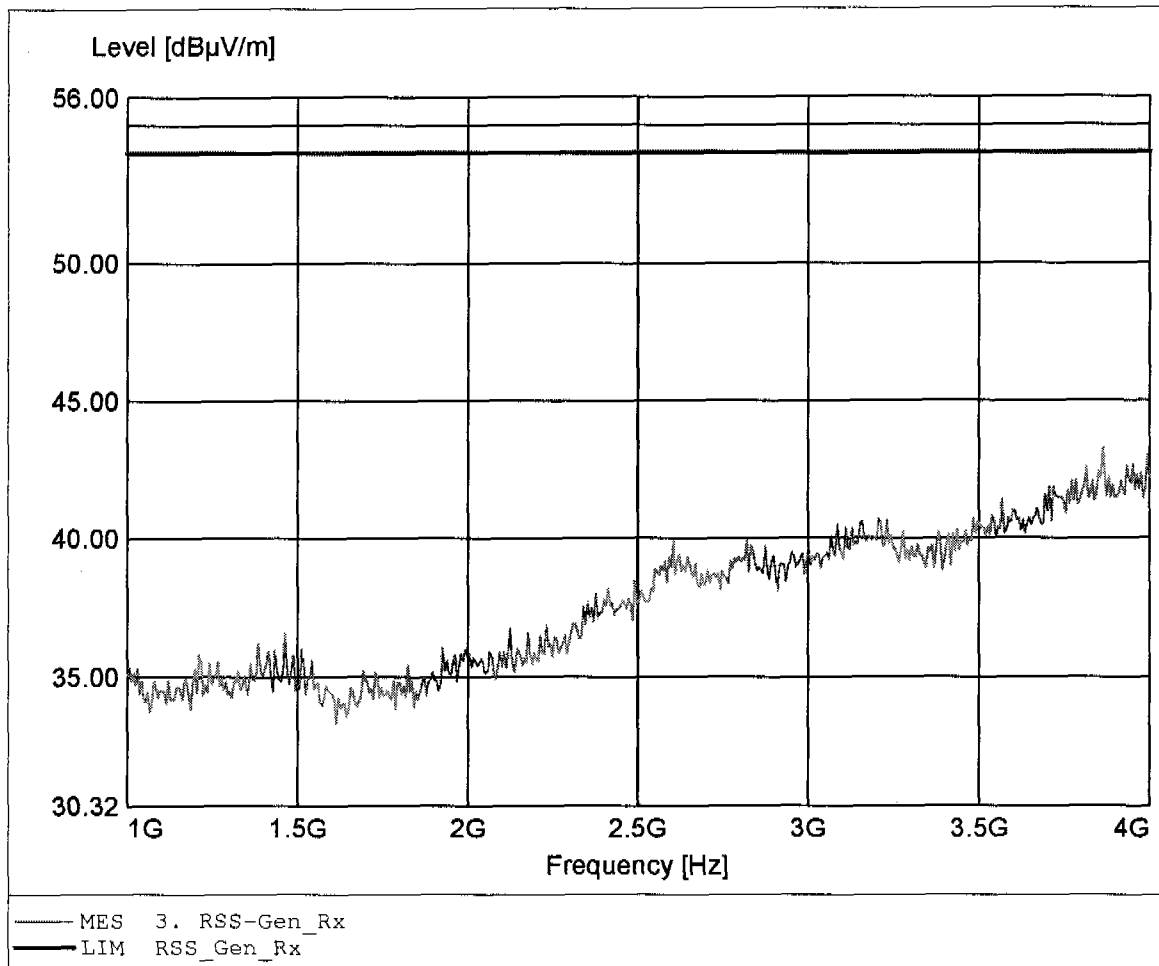
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq: 3.952GHz Emax: 43.45dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

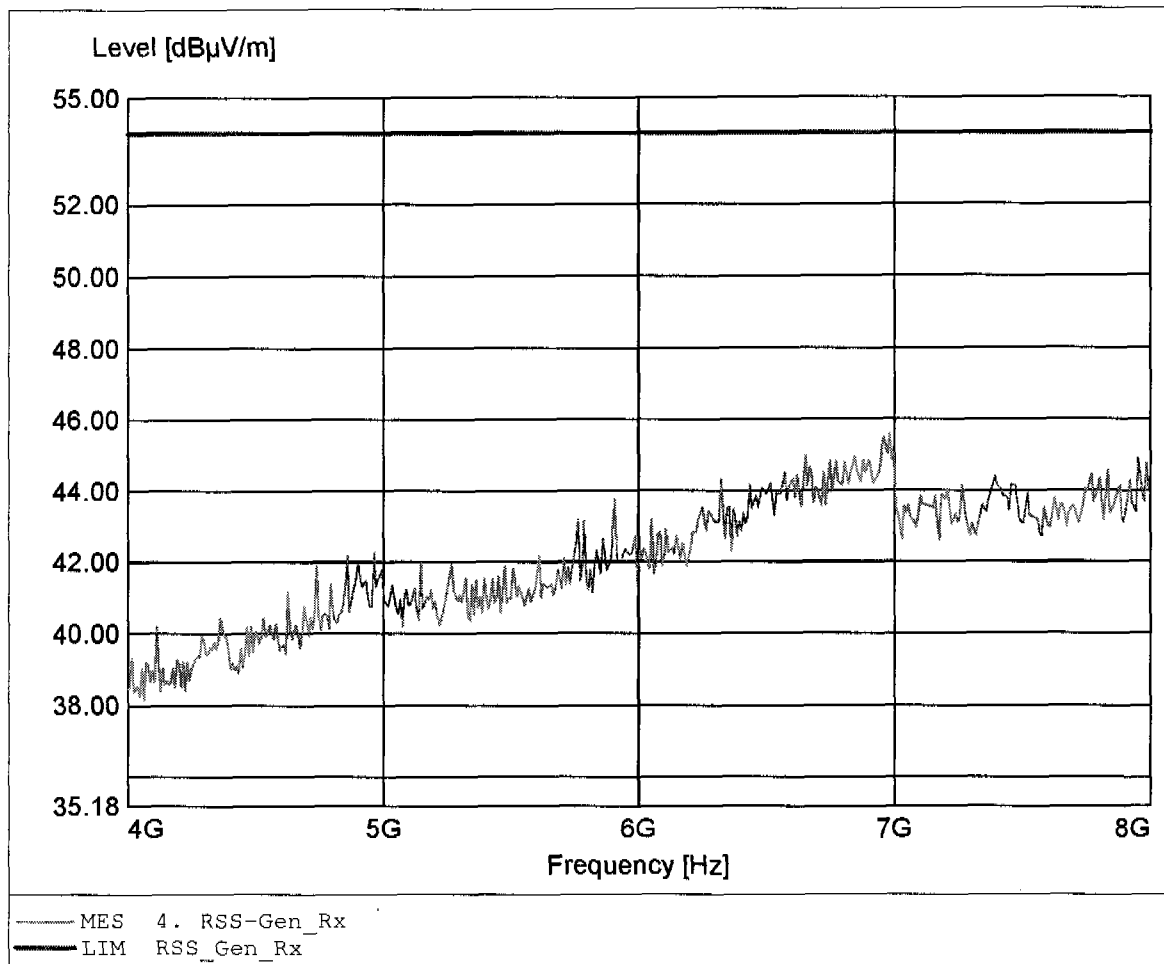
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.862GHz Emax:43.27dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

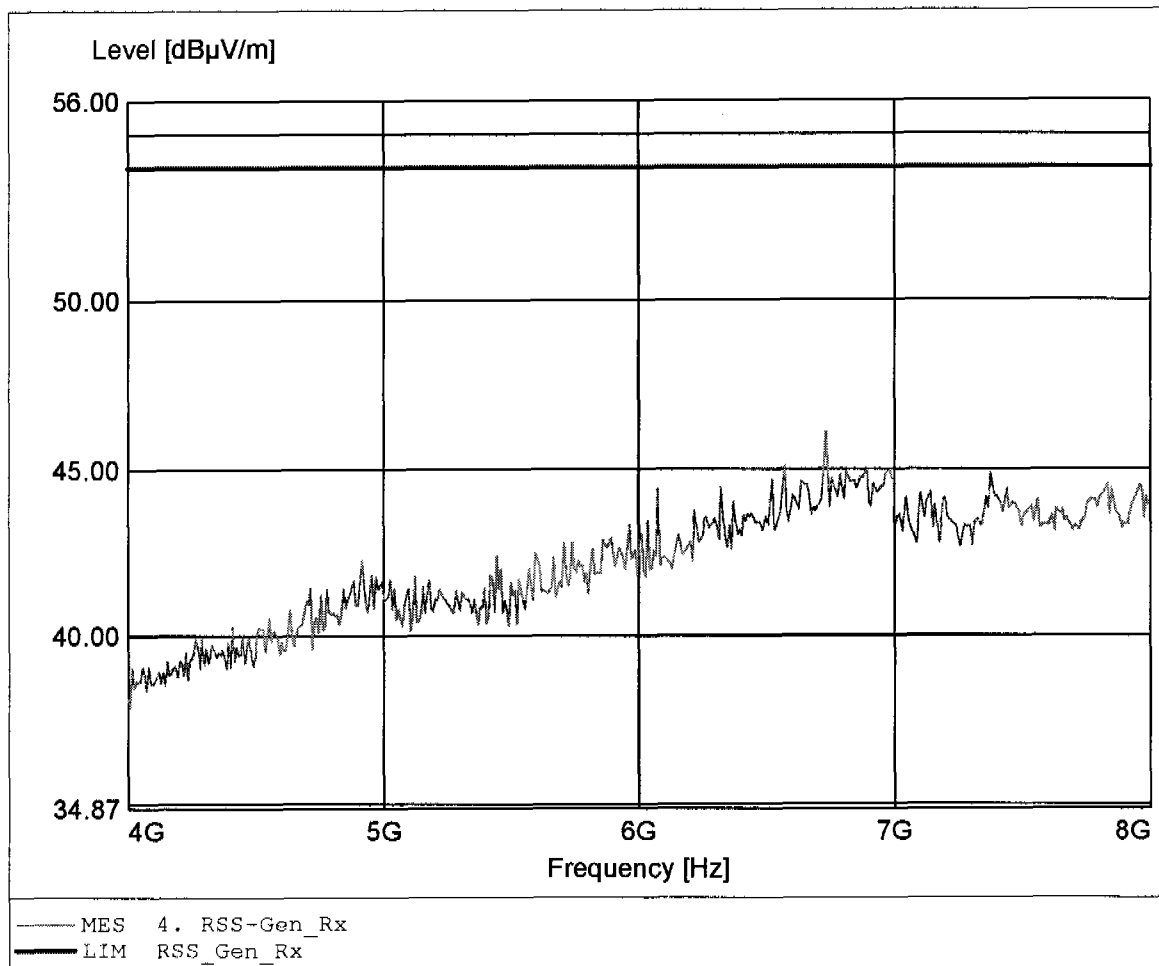
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq: 6.982GHz Emax: 45.57dB μ V/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

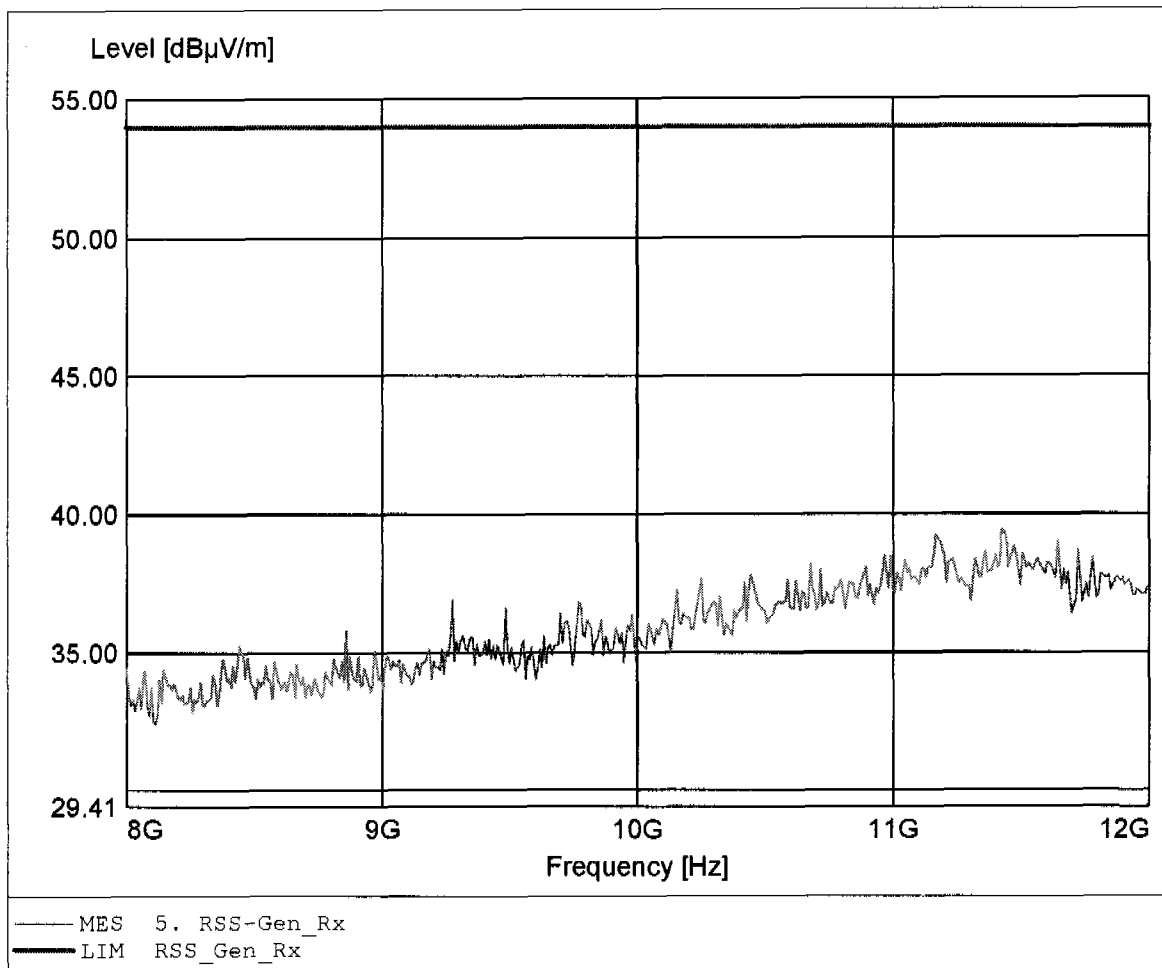
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq: 6.733GHz Emax: 46.08dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

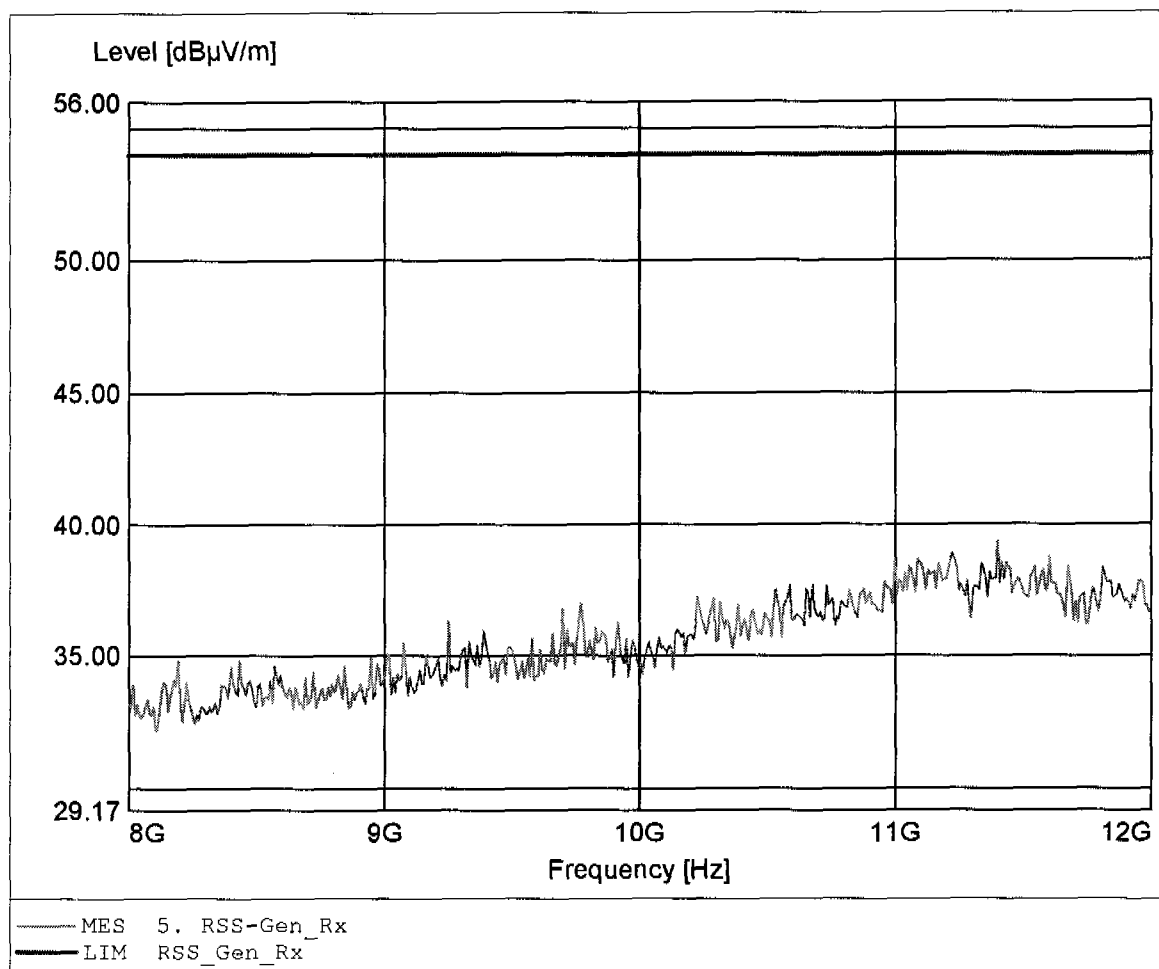
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.423GHz Emax:39.45dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

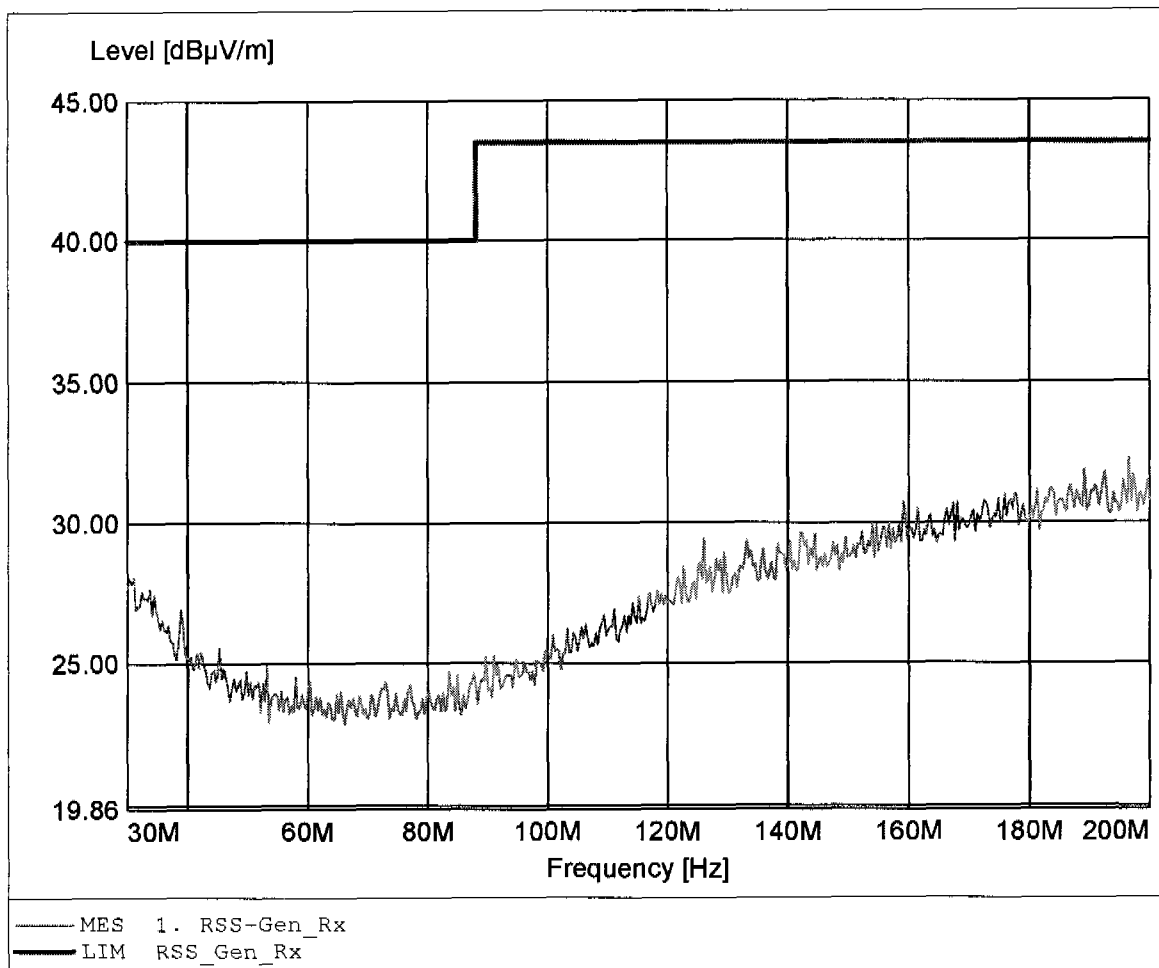
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 1
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.399GHz Emax:39.36dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

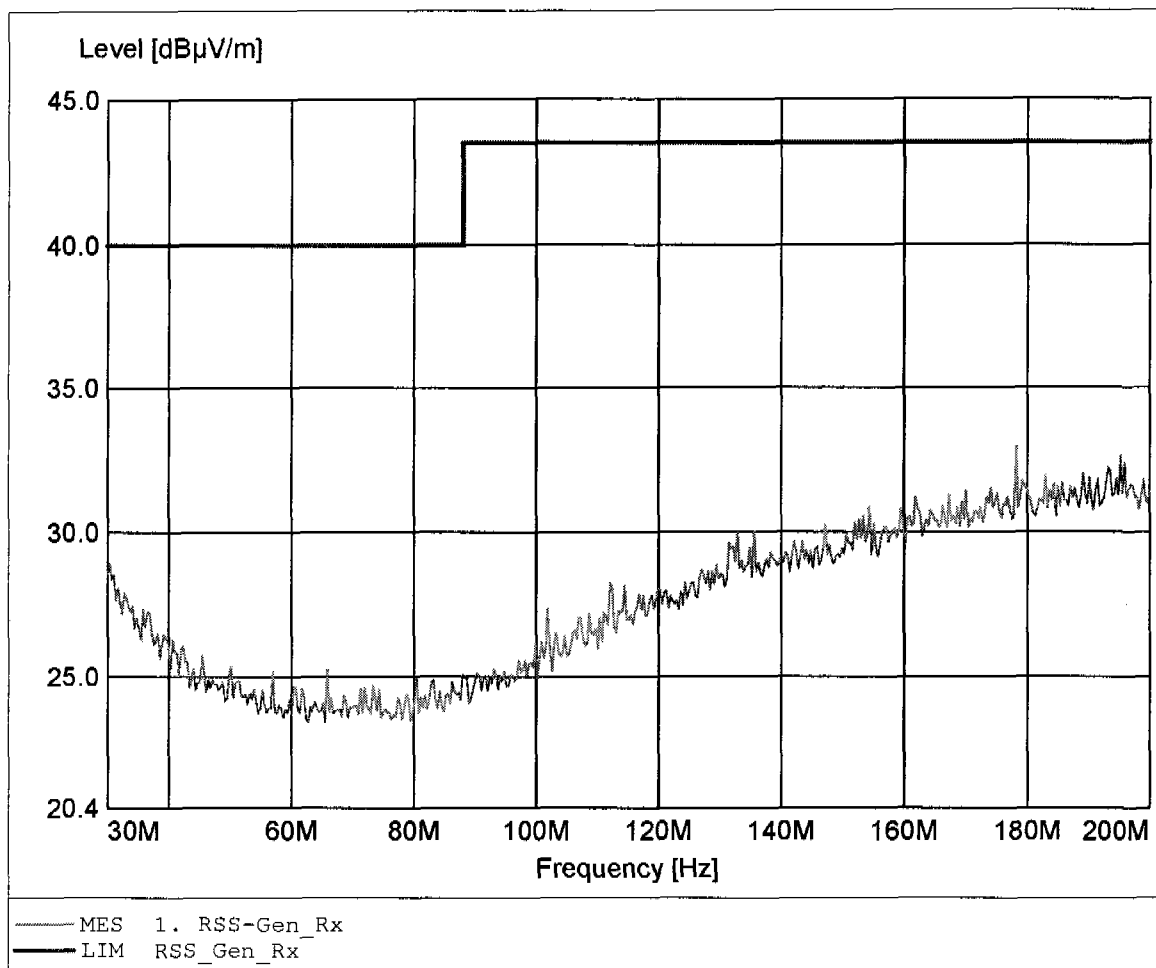
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:196.593MHz Emax:32.30dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

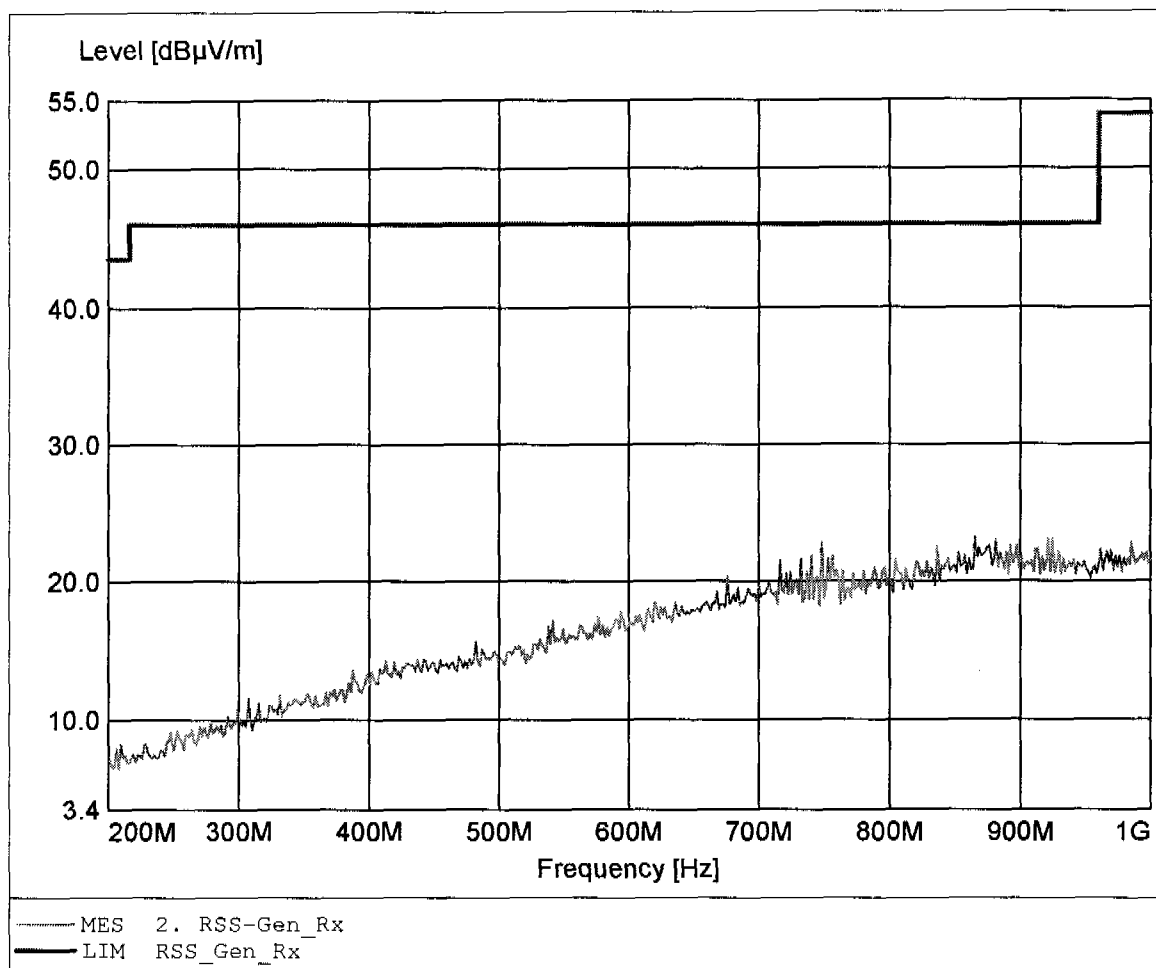
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:178.196MHz Emax:32.93dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

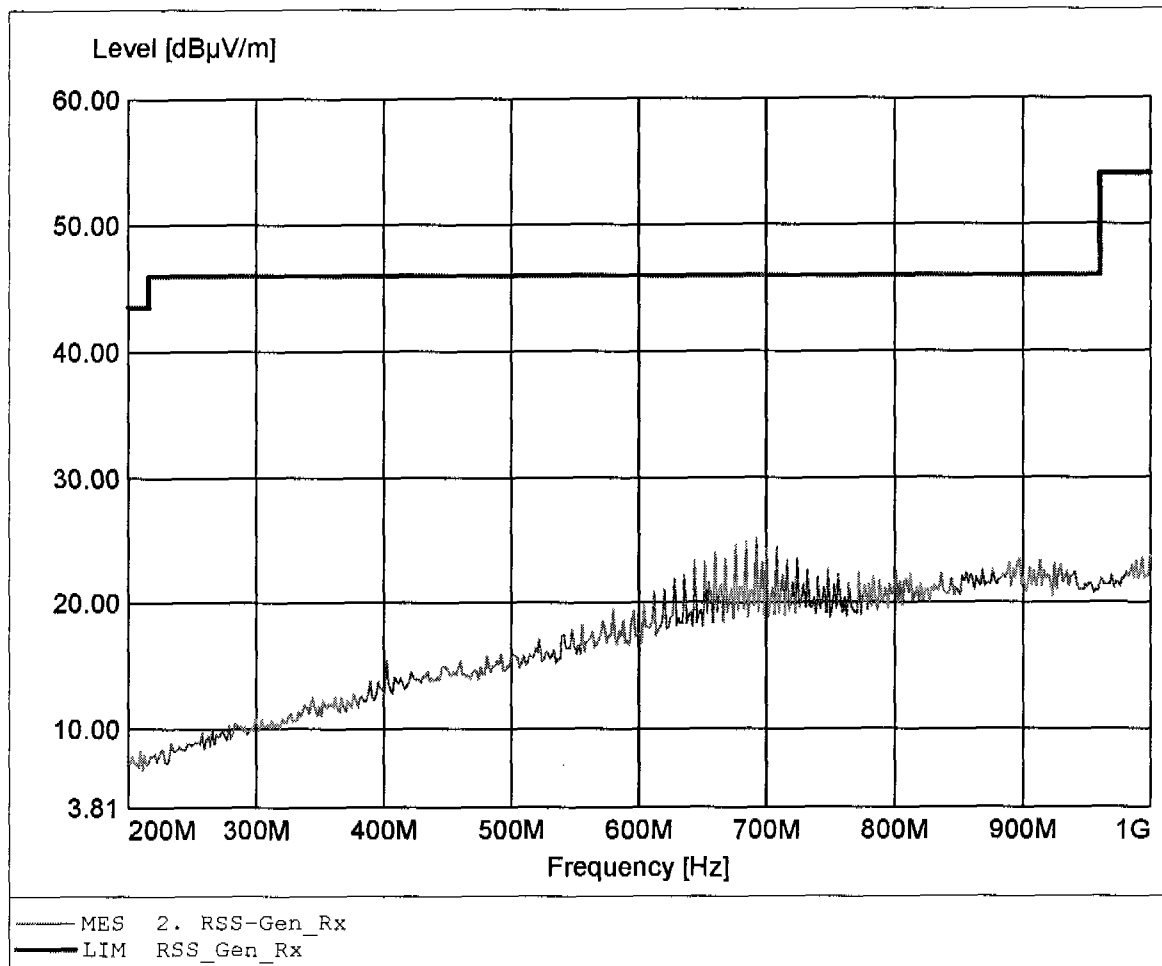
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:865.331MHz Emax:23.19dBμV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

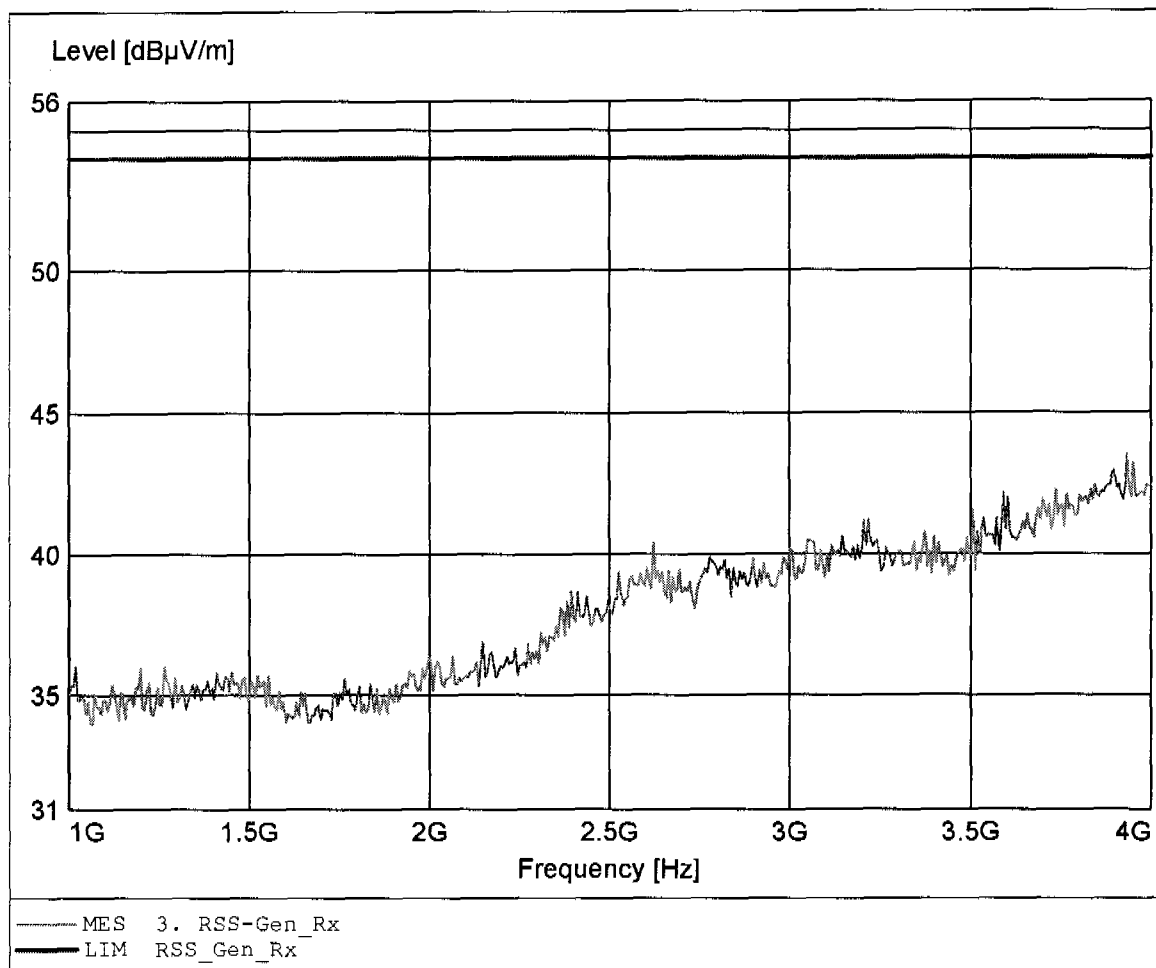
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:692.184MHz Emax:25.18dBµV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

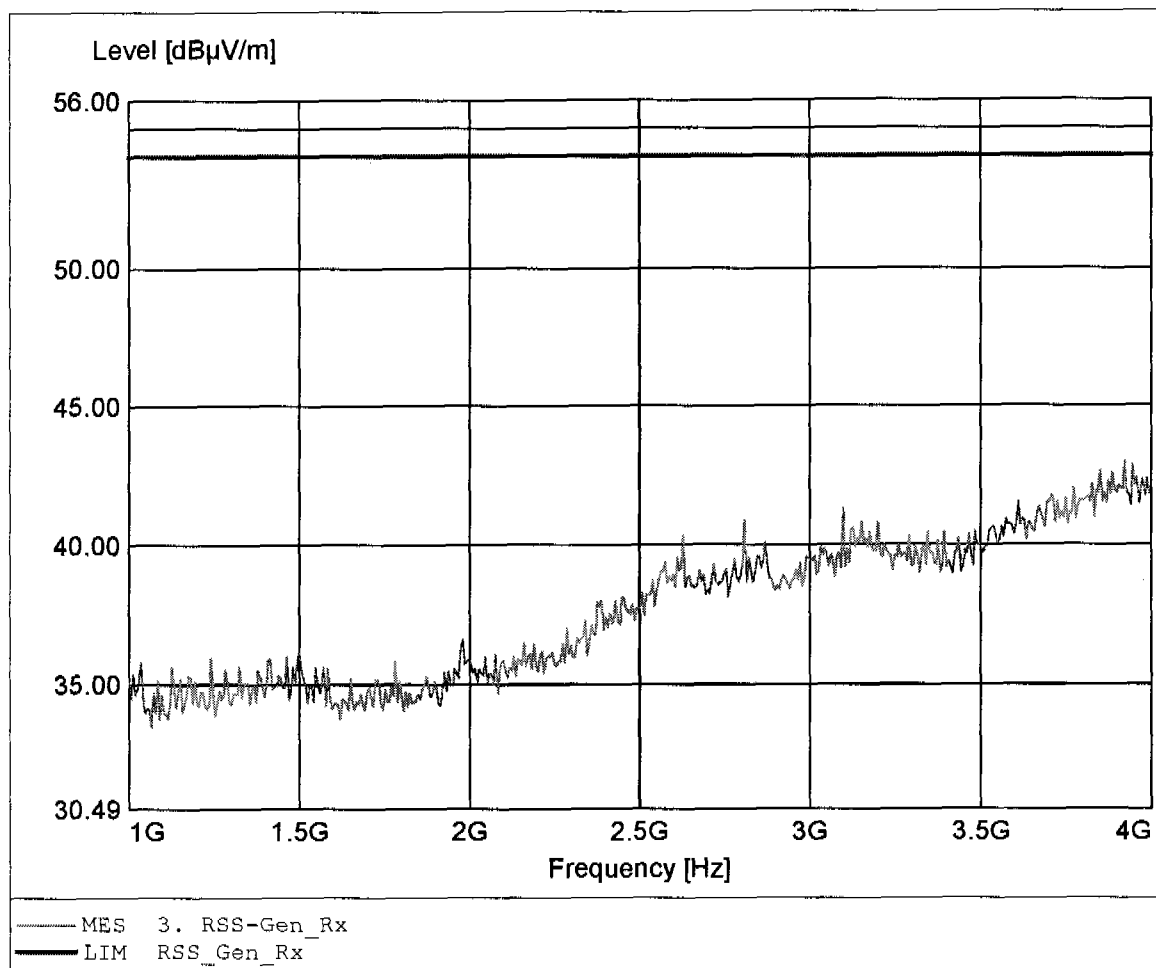
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.934GHz Emax:43.52dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

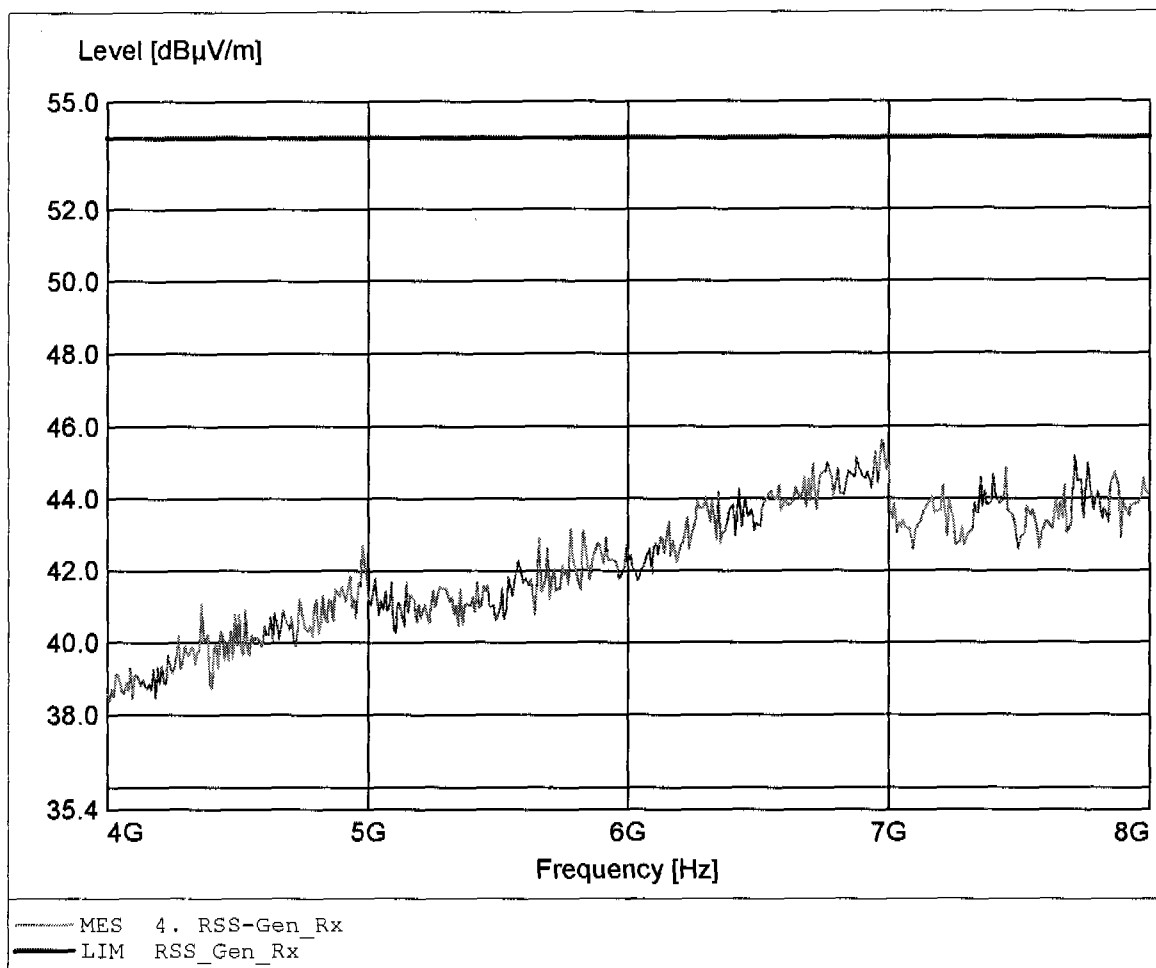
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:3.922GHz Emax:43.00dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

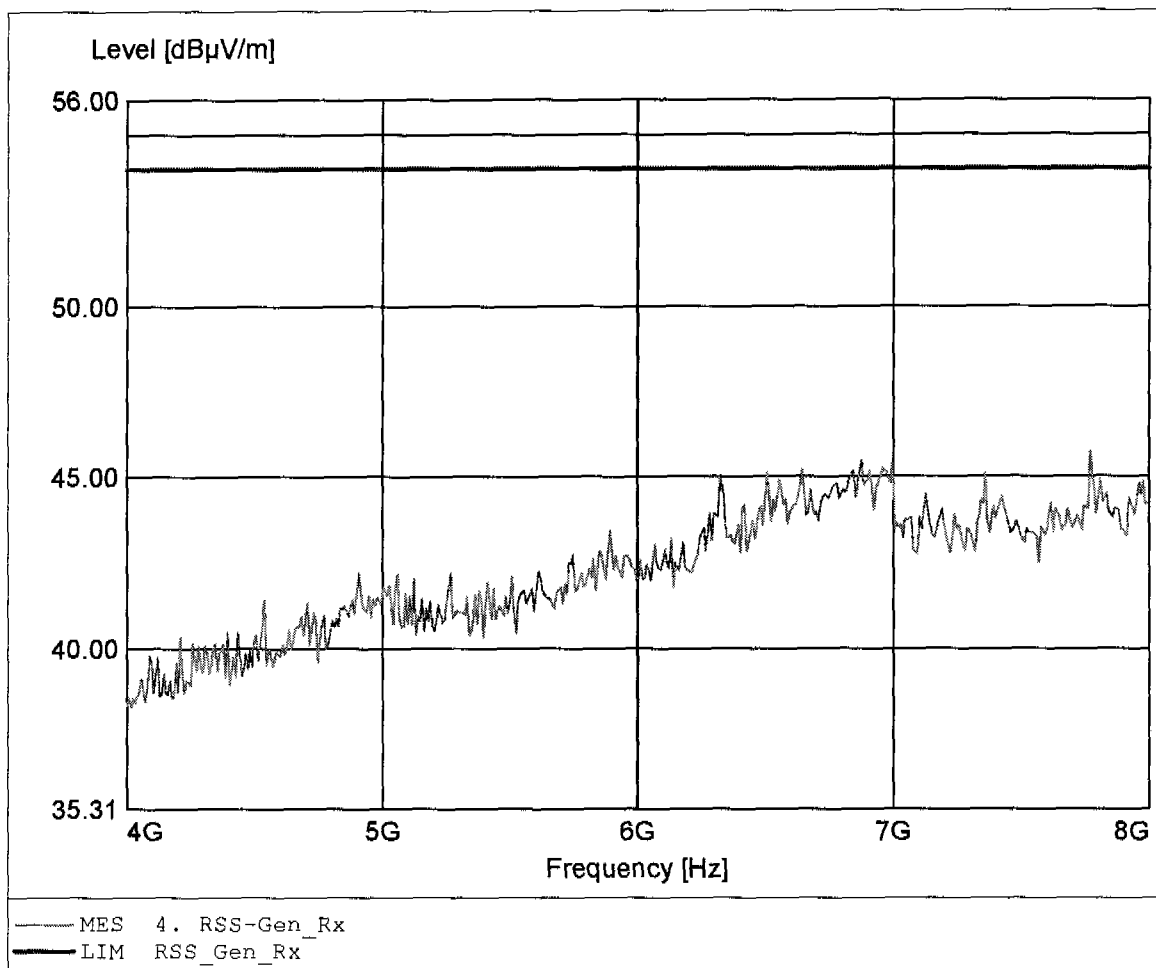
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:6.974GHz Emax:45.65dBµV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

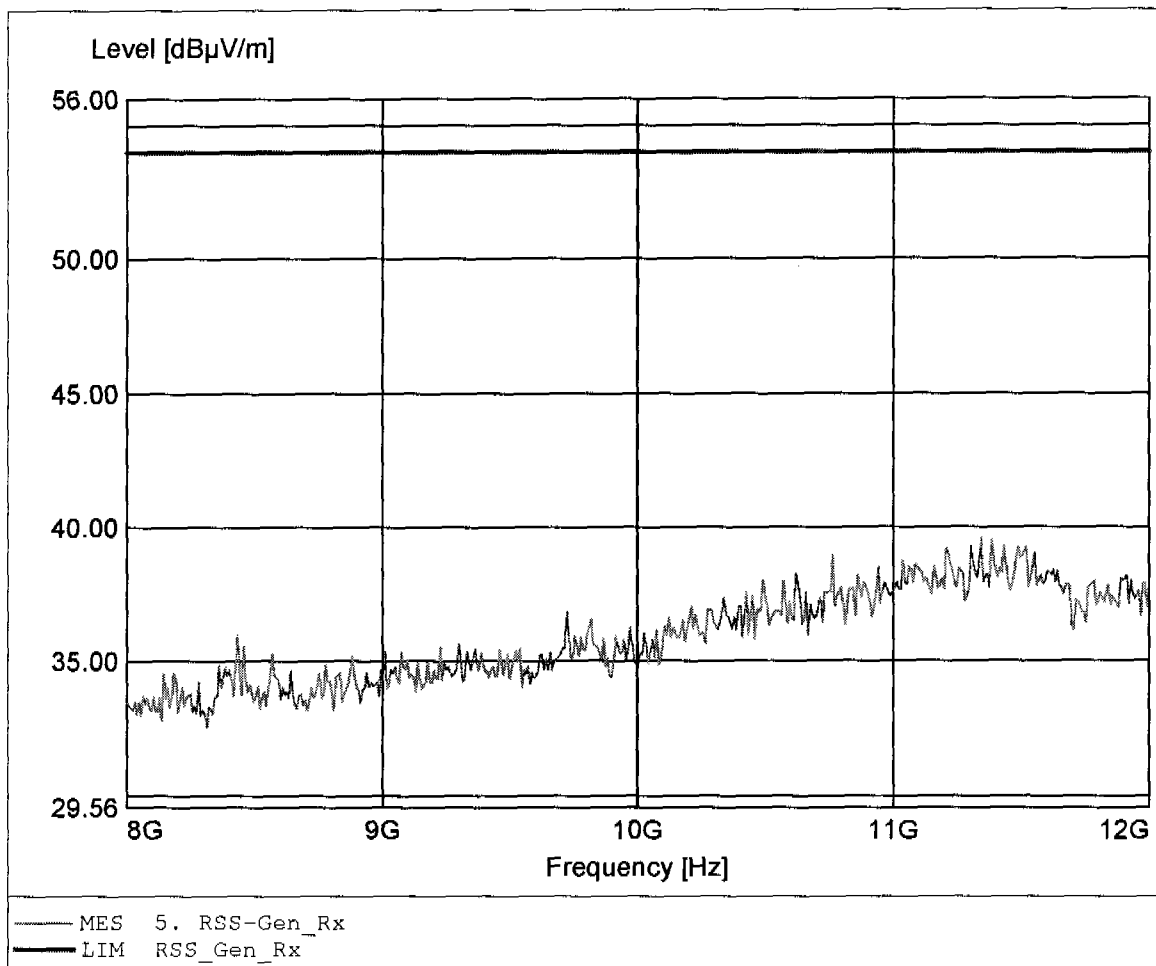
Approval Holder: LUXLABS LTD. DBA MESHNETICS
EUT / Model: 2.4 GHZ 802.15.4 / ZIGBEE OEM MODULE / ZDM-A1281-B0
Mode: Channel: 19 / 2445 MHz / Ant. 2
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom.: 2 x 1.5 V DC (BATTERY)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:7.768GHz Emax:45.75dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

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 RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.343GHz Emax:39.61dBuV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

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 RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.
Comment 2: Freq:11.431GHz Emax:39.34dBµV/m RBW: 1 MHz

