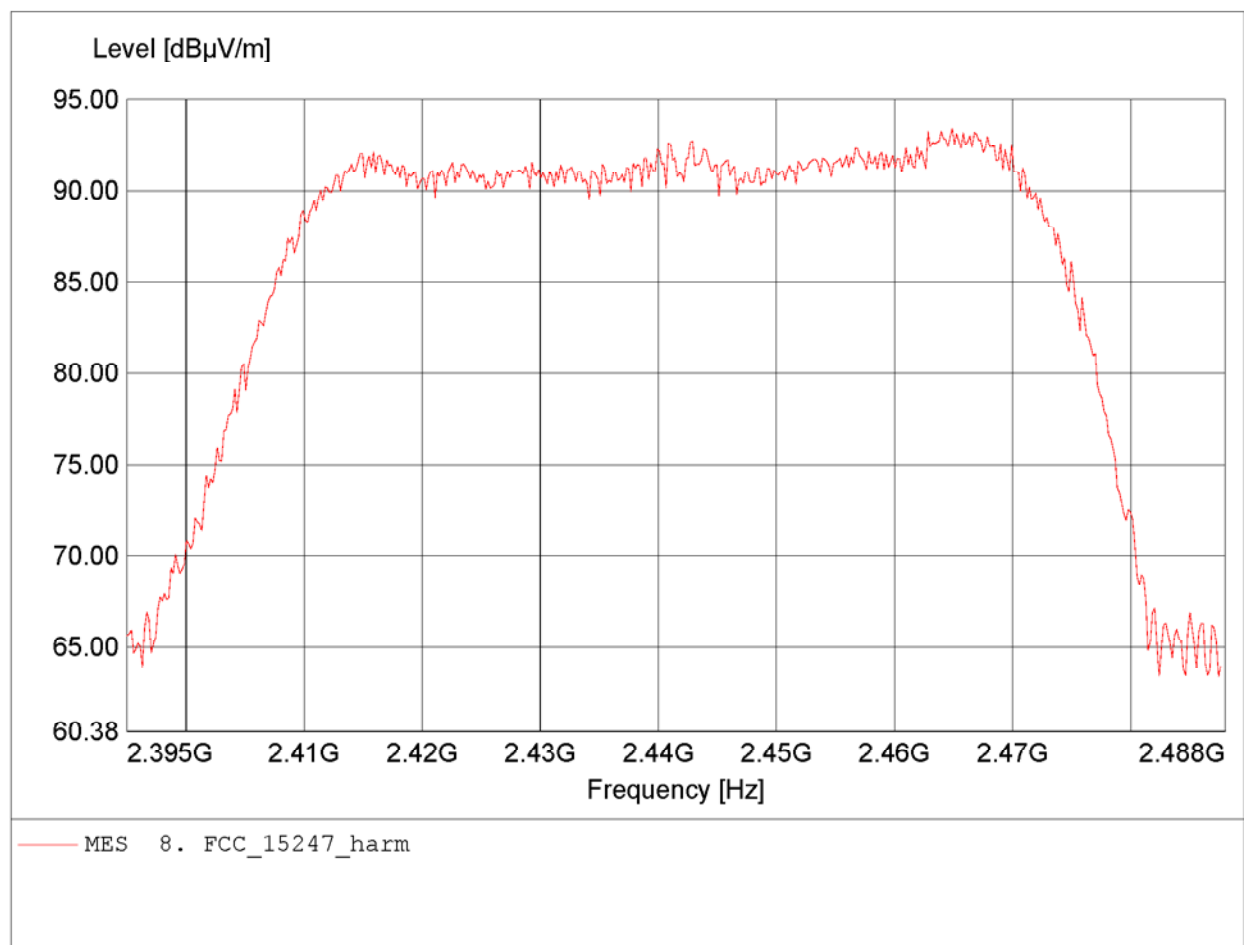


Appendix B

Spurious emissions radiated

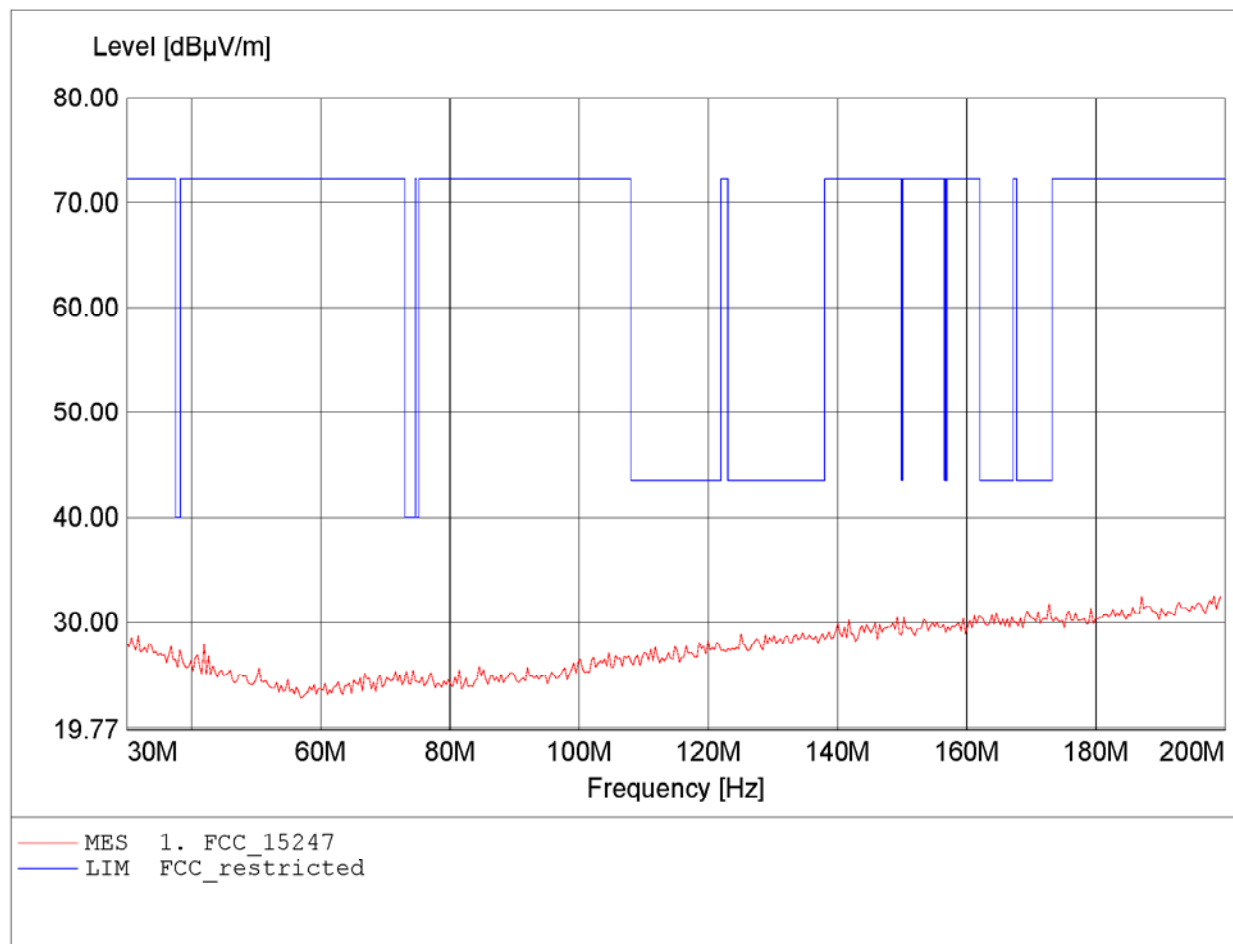
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.465GHz, Emax: 93.39dBµV/m, RBW: 100kHz



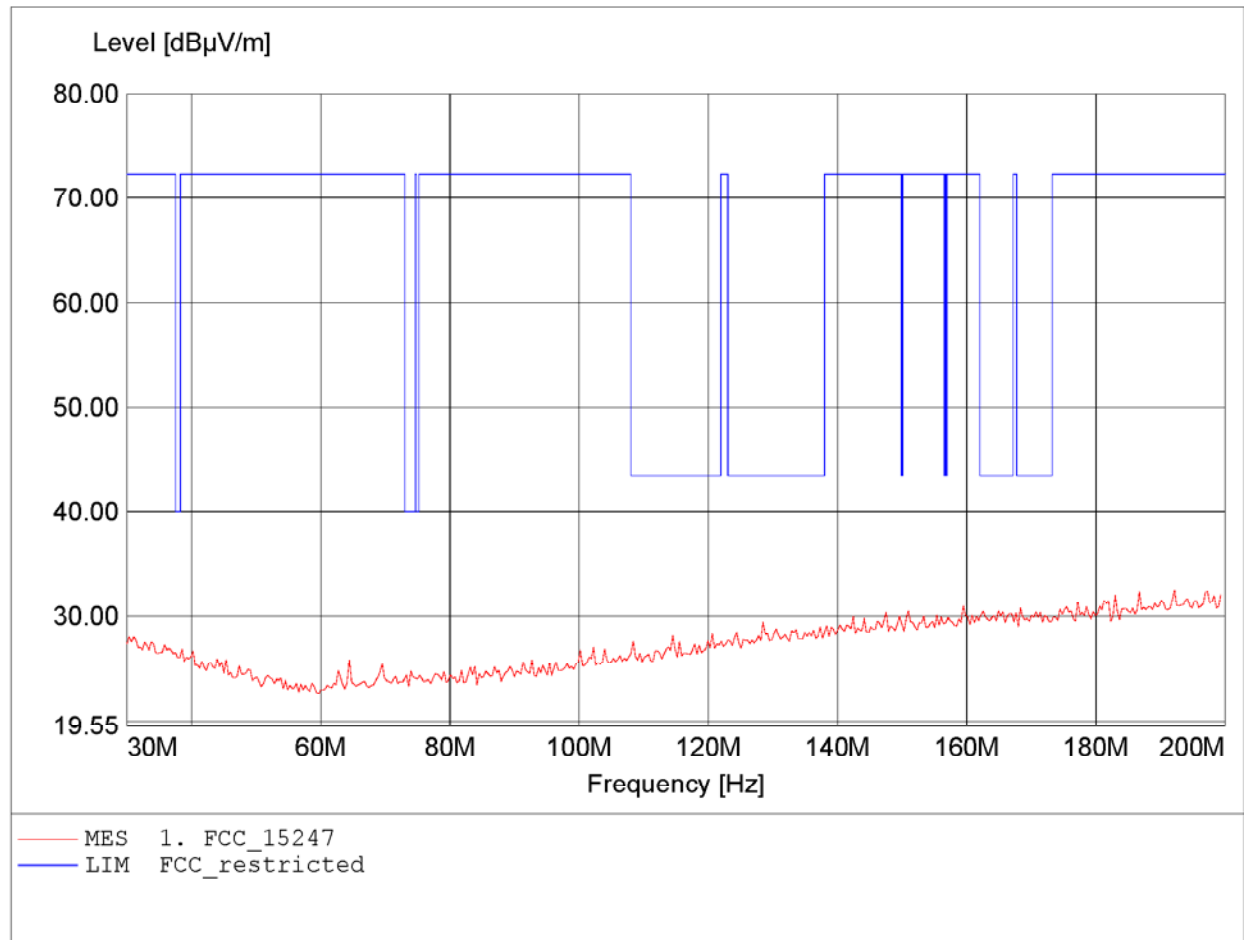
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.297MHz, Emax: 32.47dBµV/m, RBW: 100kHz



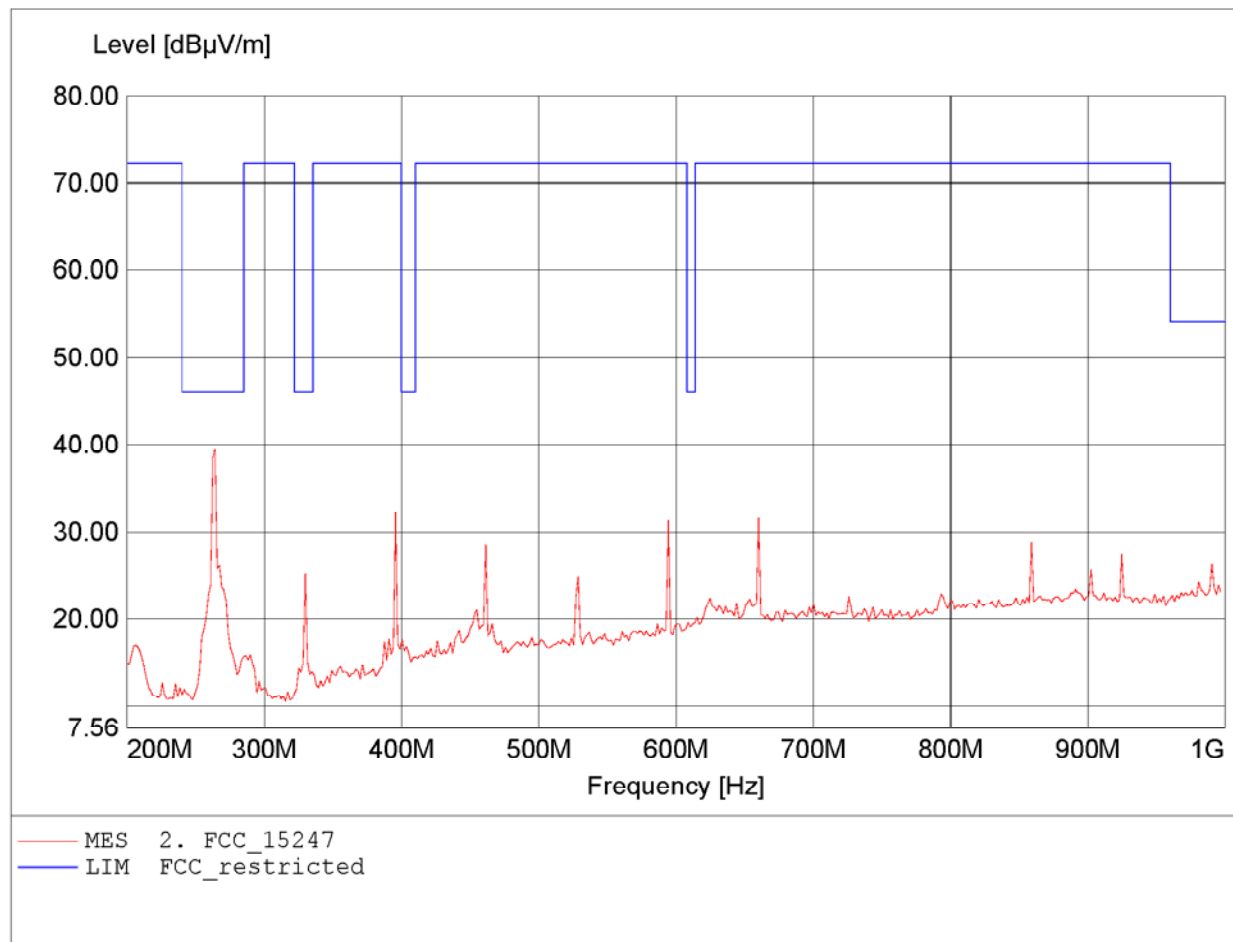
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 32.57dBµV/m, RBW: 100kHz



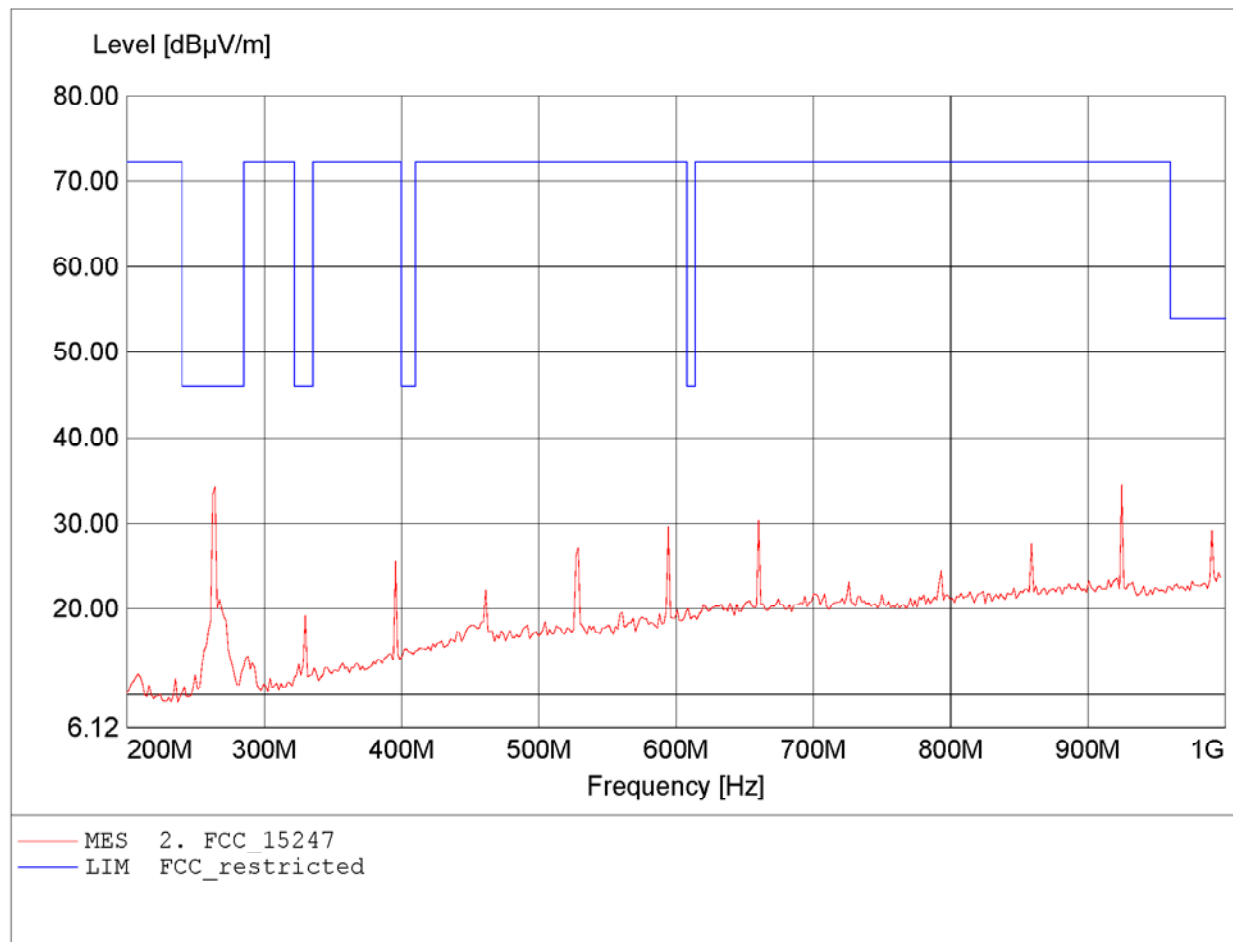
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 264.128MHz, Emax: 39.51dBµV/m, RBW: 100kHz



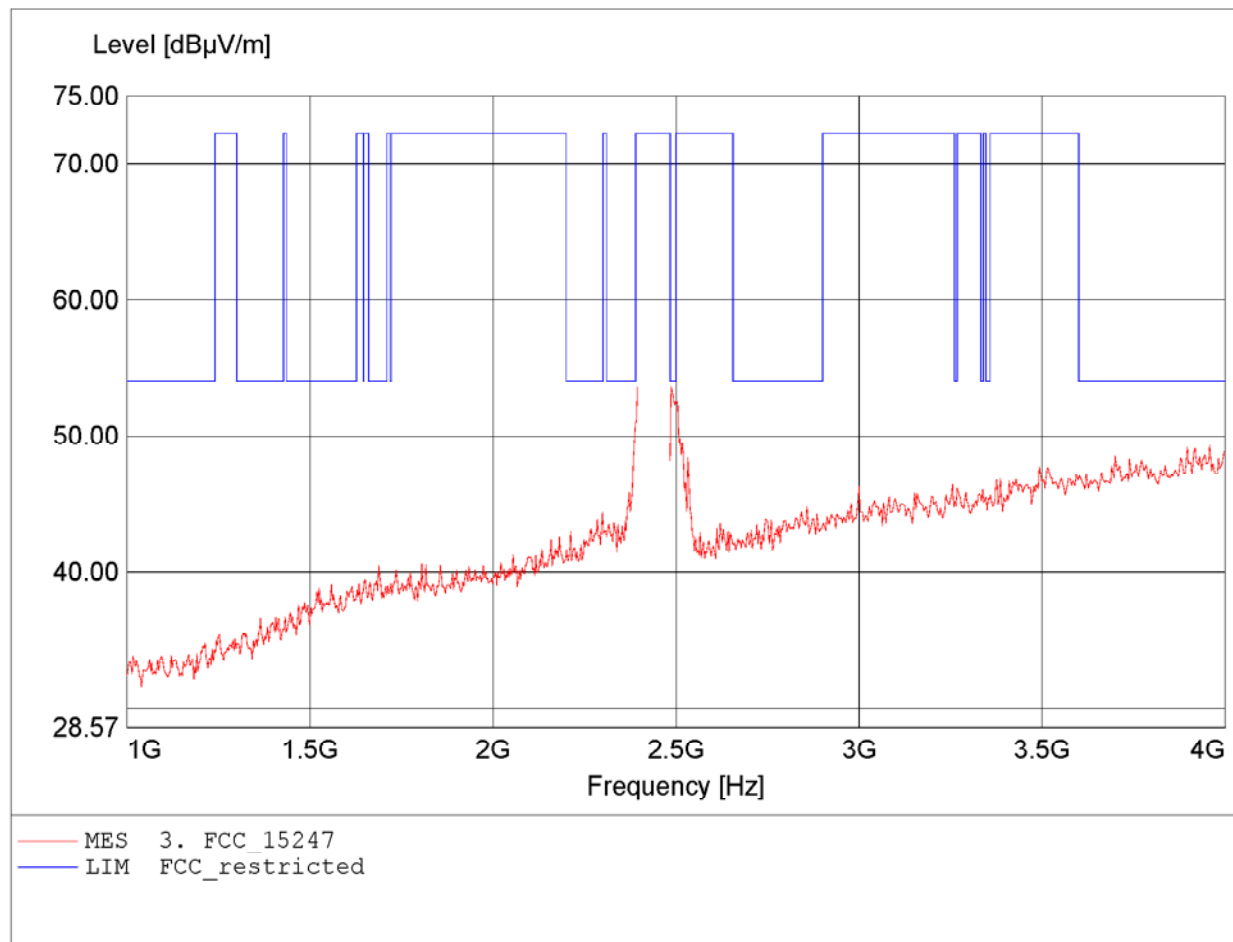
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 924.649MHz, Emax: 34.50dBµV/m, RBW: 100kHz



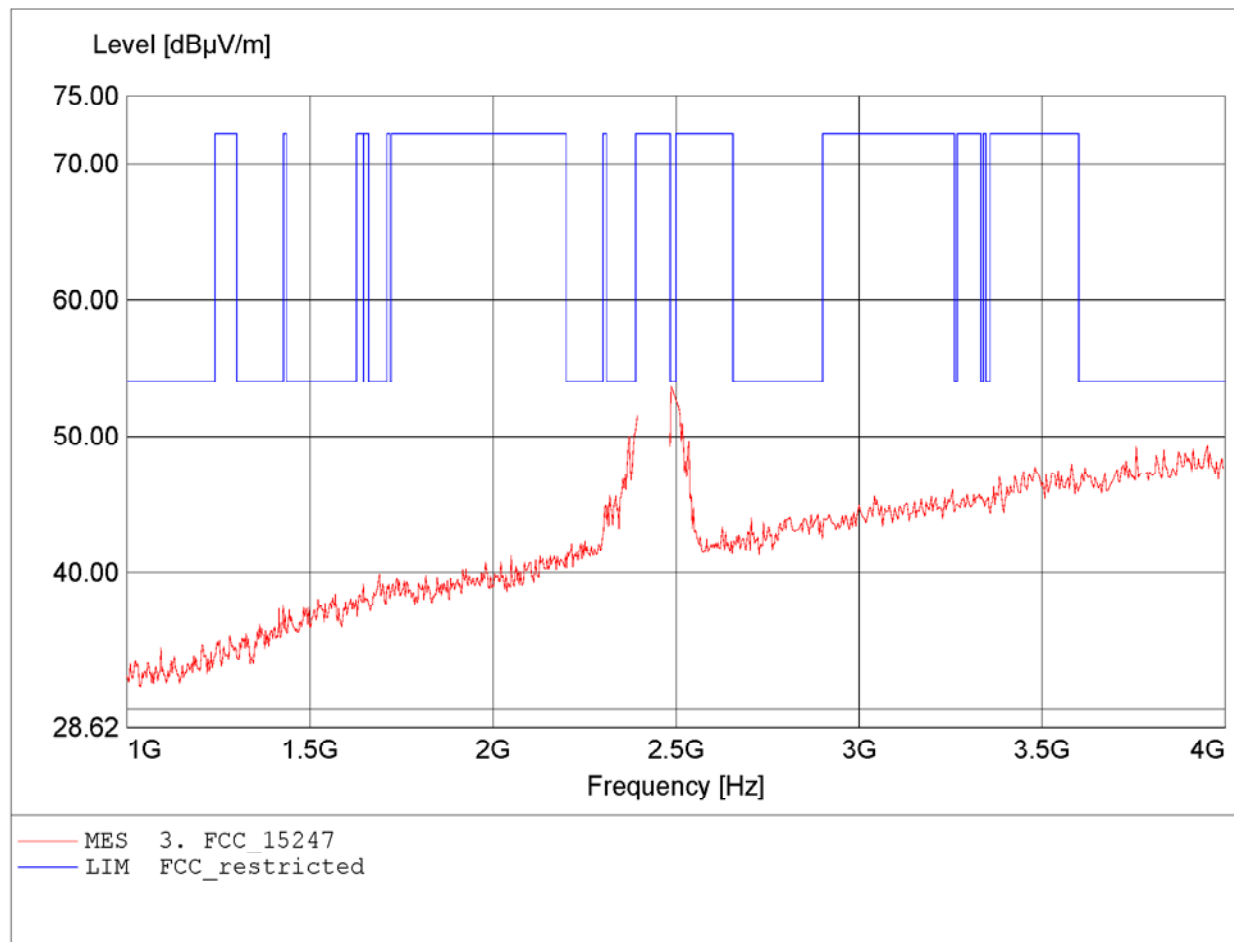
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 53.62dBμV/m, RBW: 1MHz



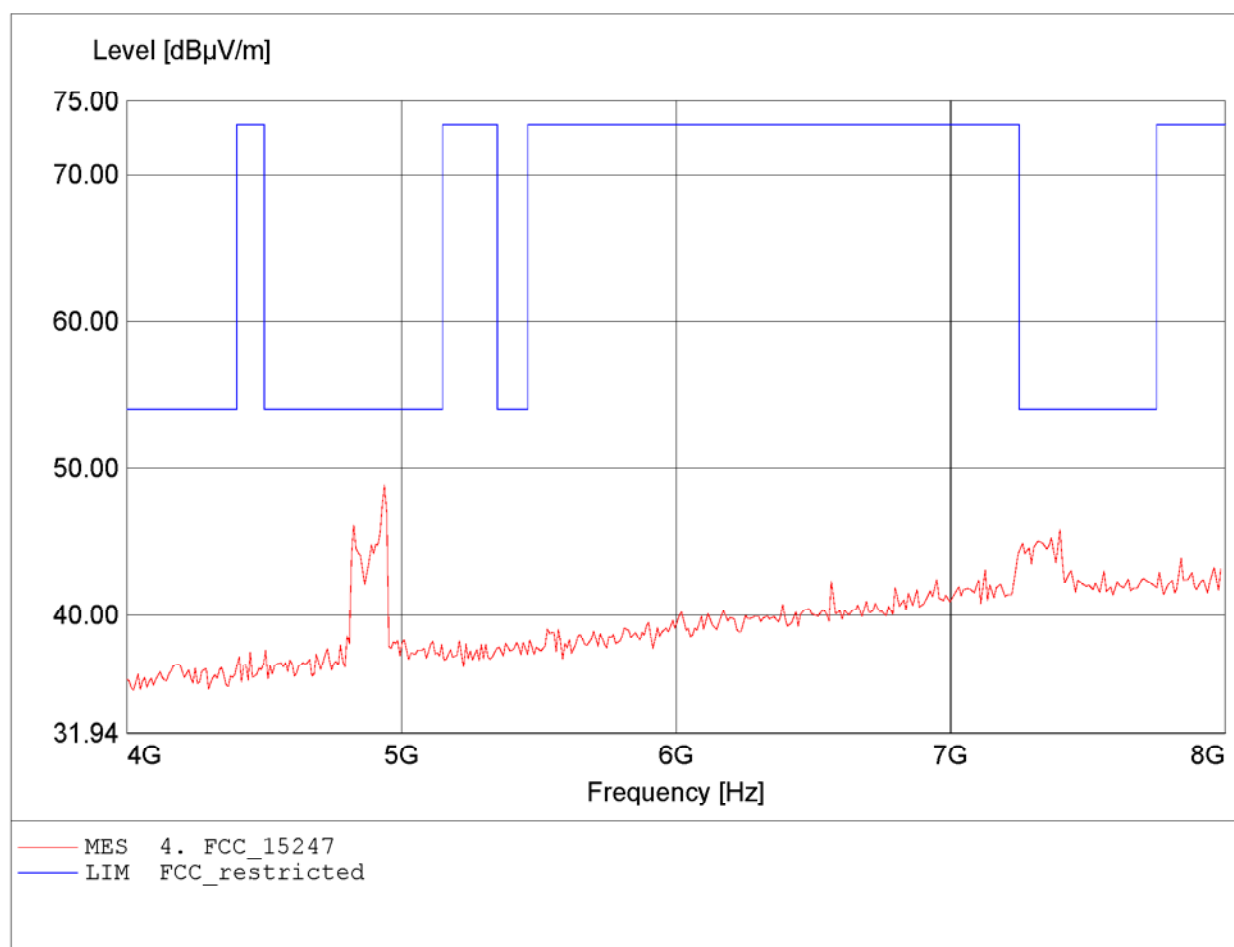
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 53.66dBμV/m, RBW: 1MHz



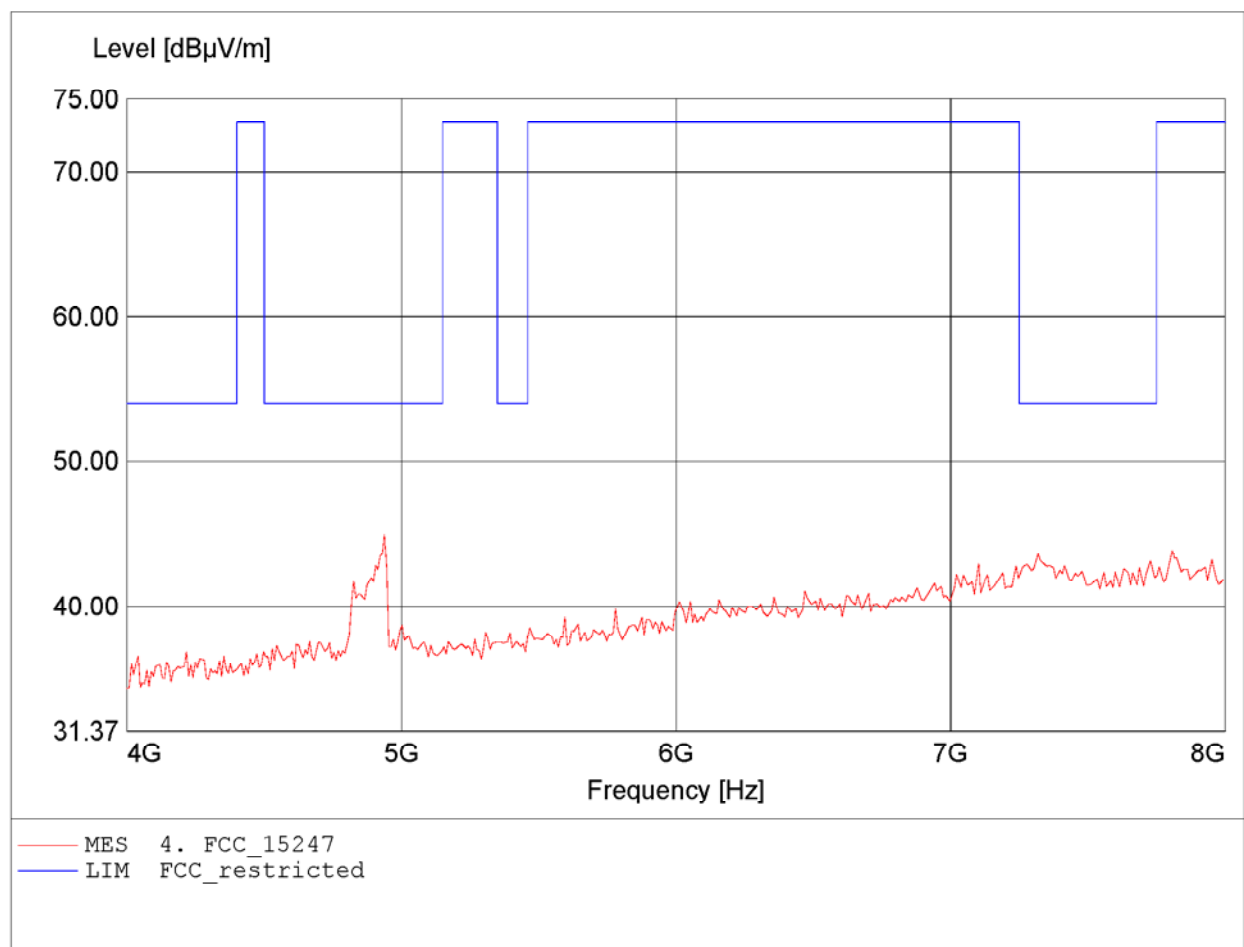
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.938GHz, Emax: 48.86dBµV/m, RBW: 1MHz



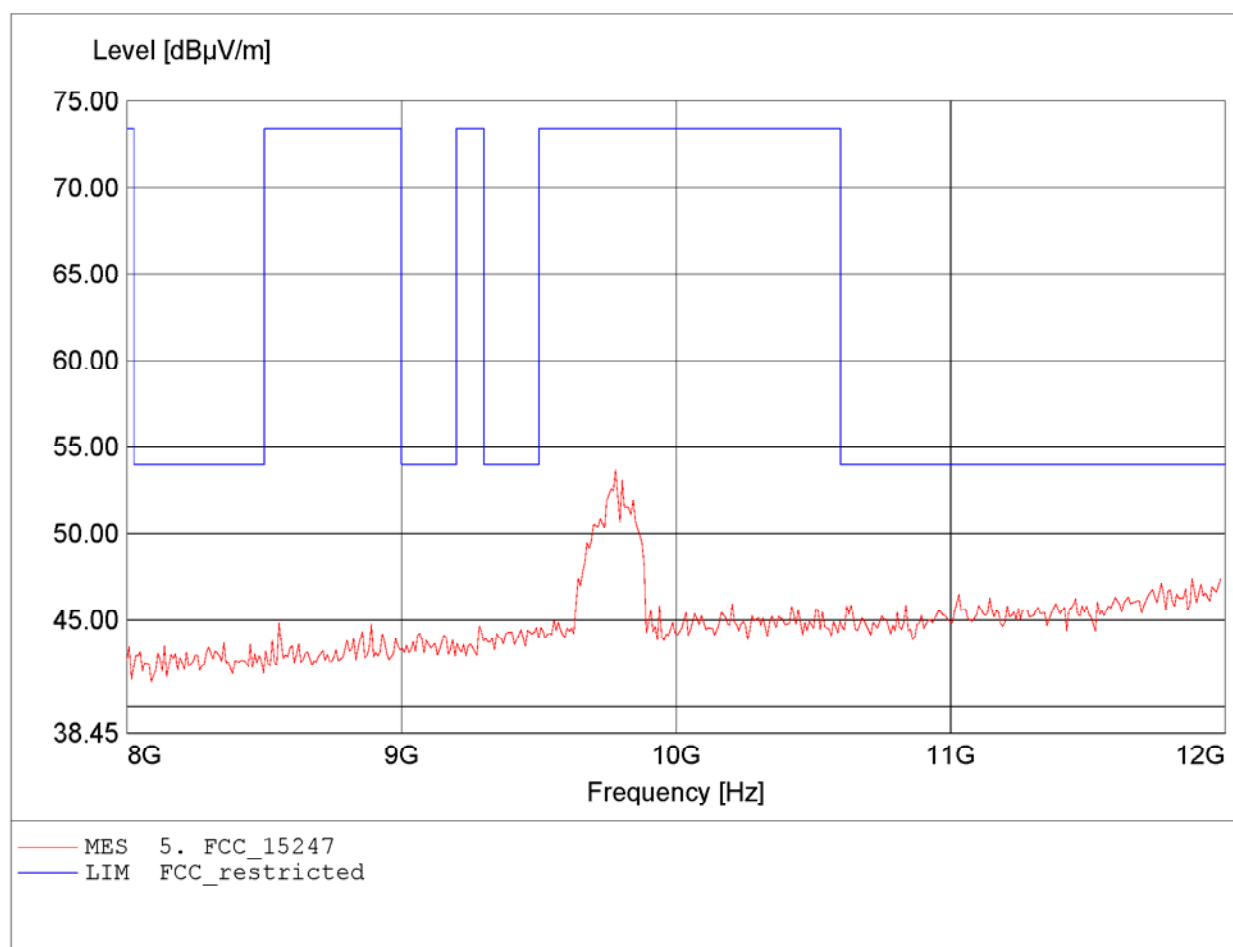
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.938GHz, Emax: 44.97dBμV/m, RBW: 1MHz



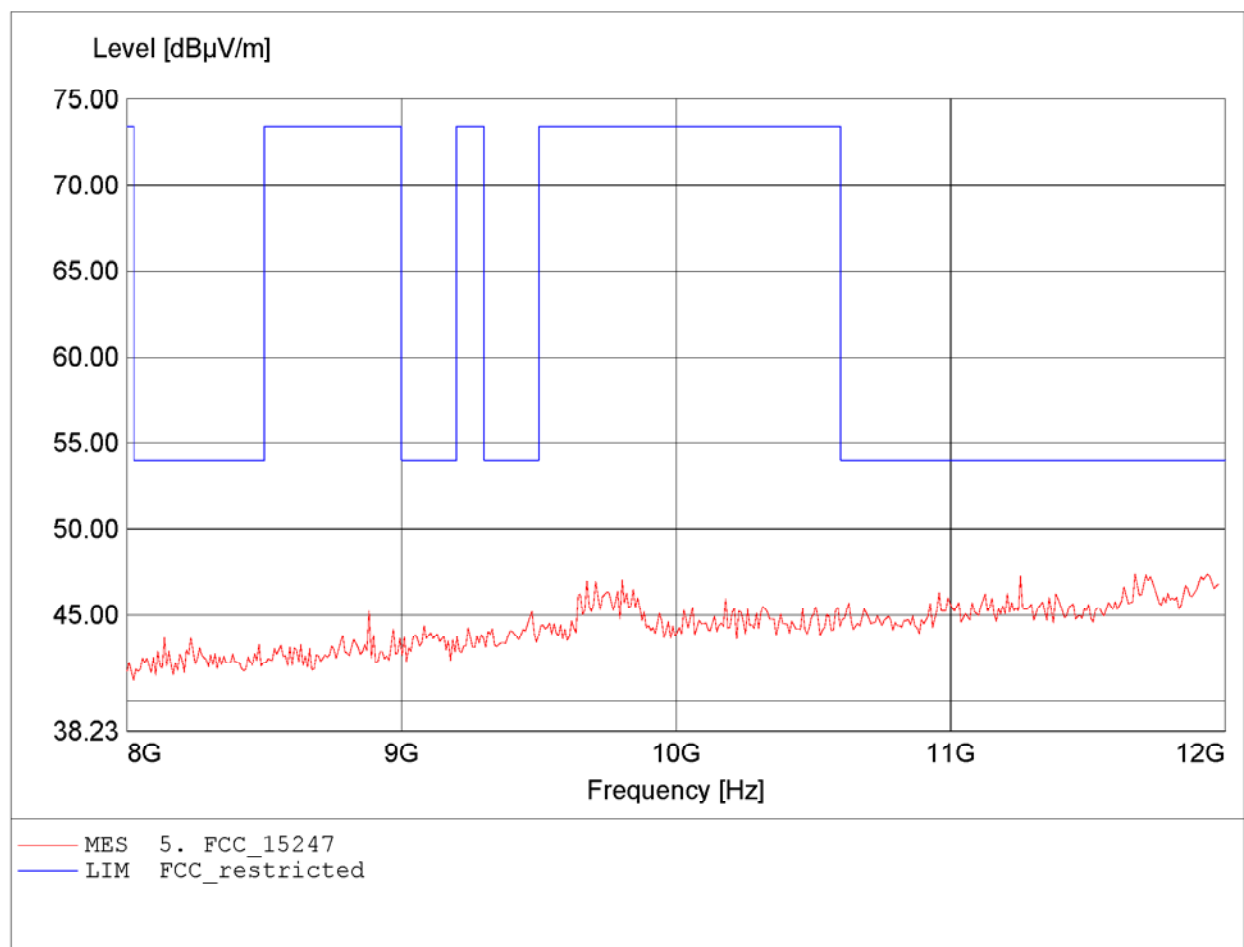
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.780GHz, Emax: 53.71dBµV/m, RBW: 1MHz



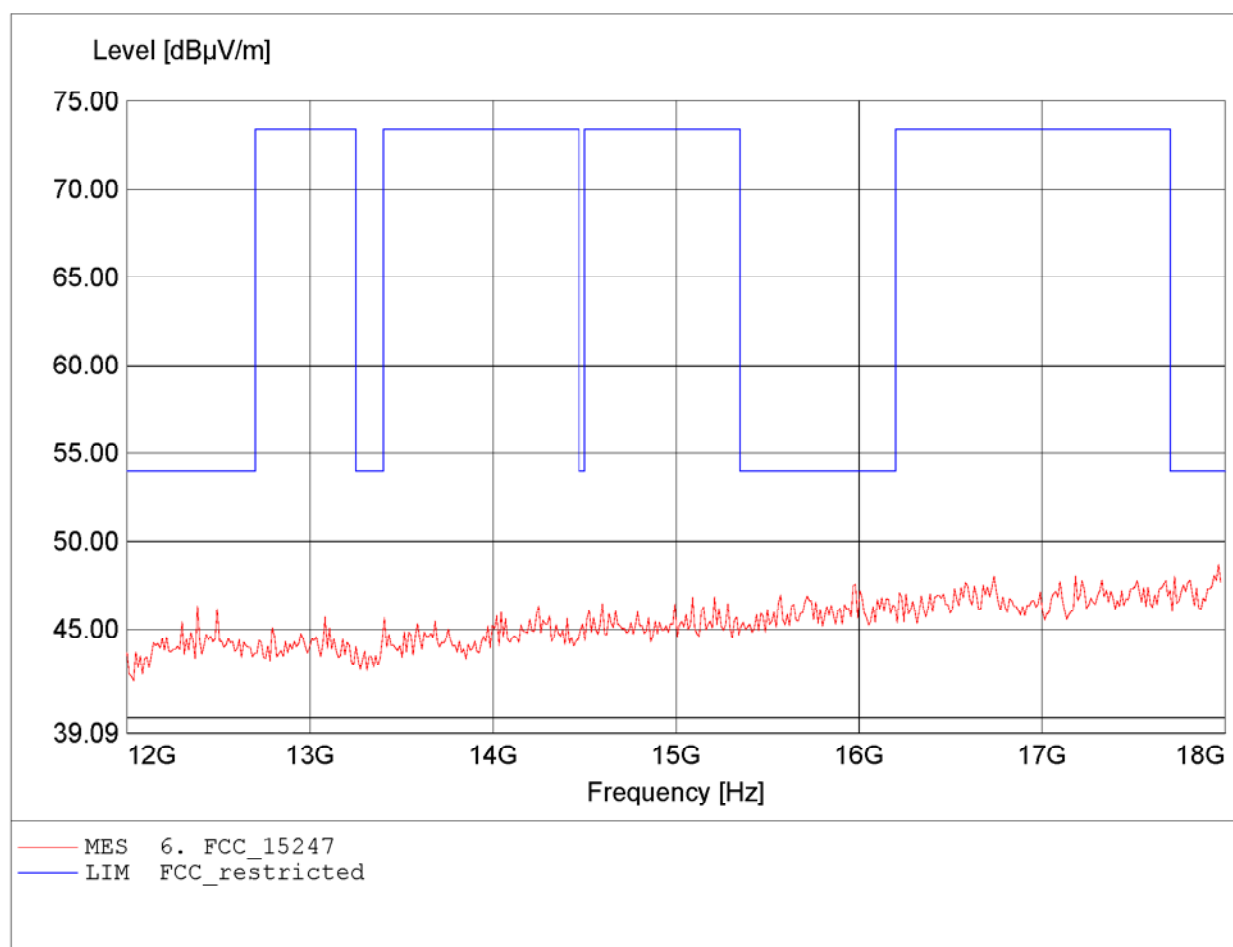
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.936GHz, Emax: 47.37dBµV/m, RBW: 1MHz



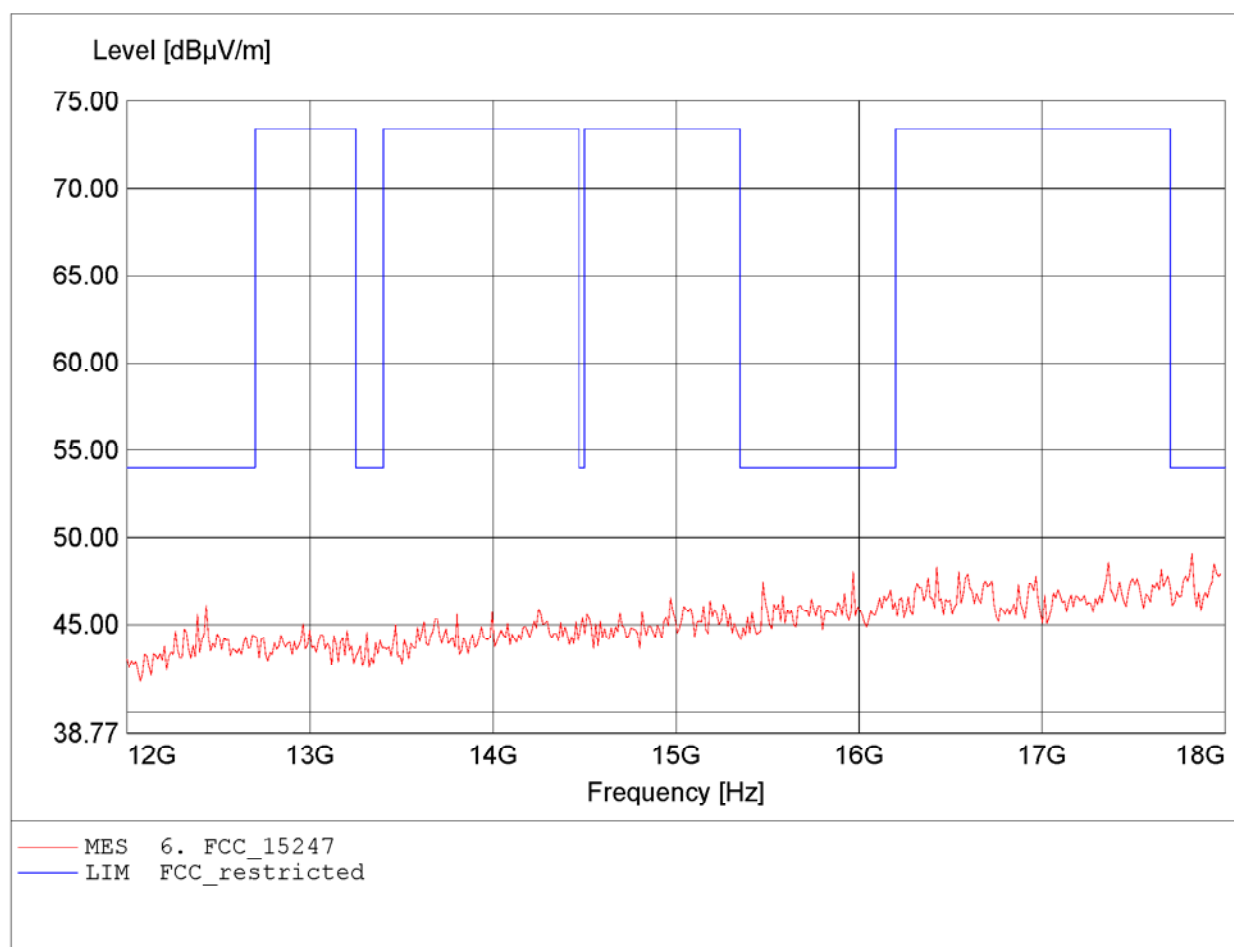
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 17.964GHz, Emax: 48.65dBμV/m, RBW: 1MHz



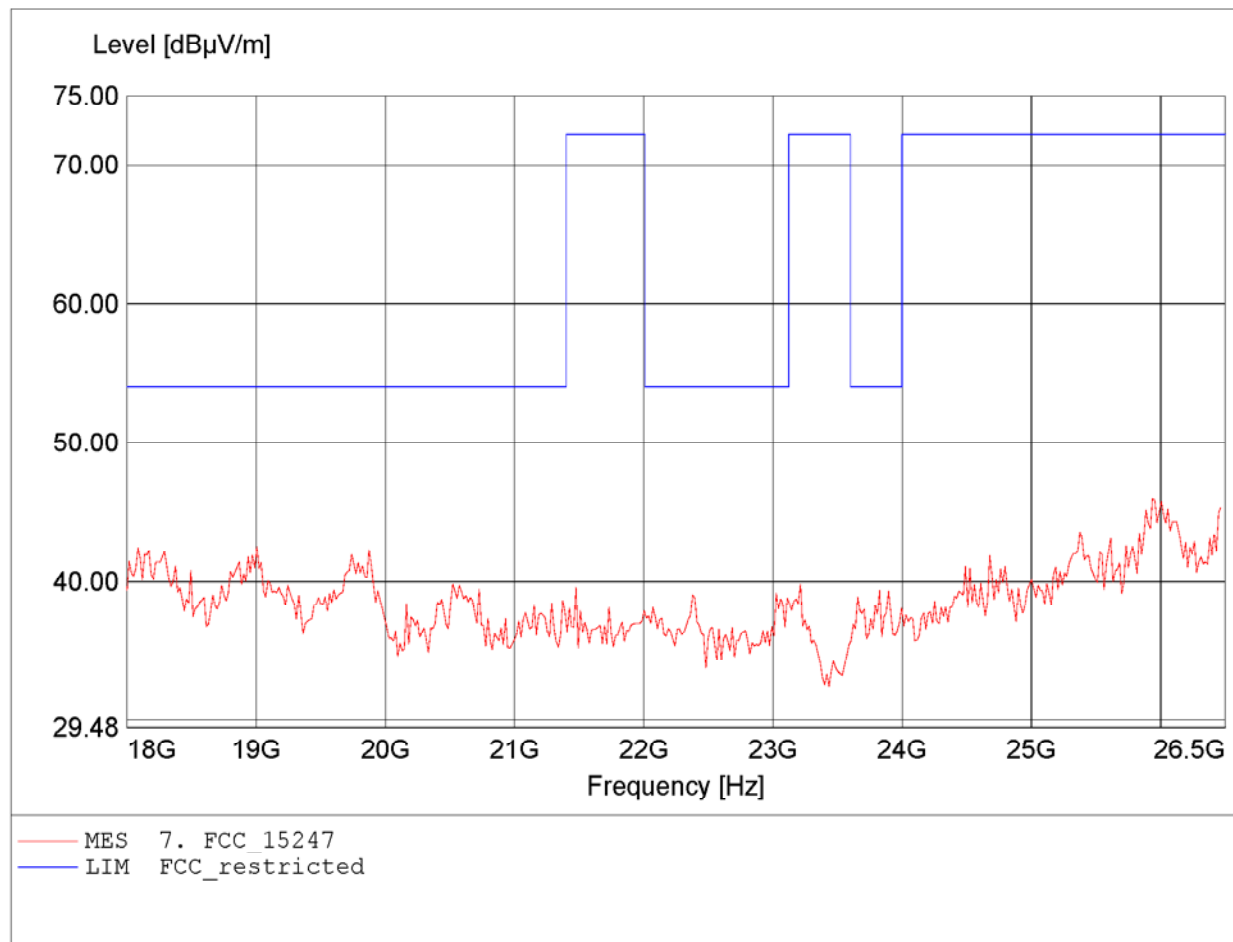
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Test Conditions: Tnom.: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 17.820GHz, Emax: 49.08dBµV/m, RBW: 1MHz



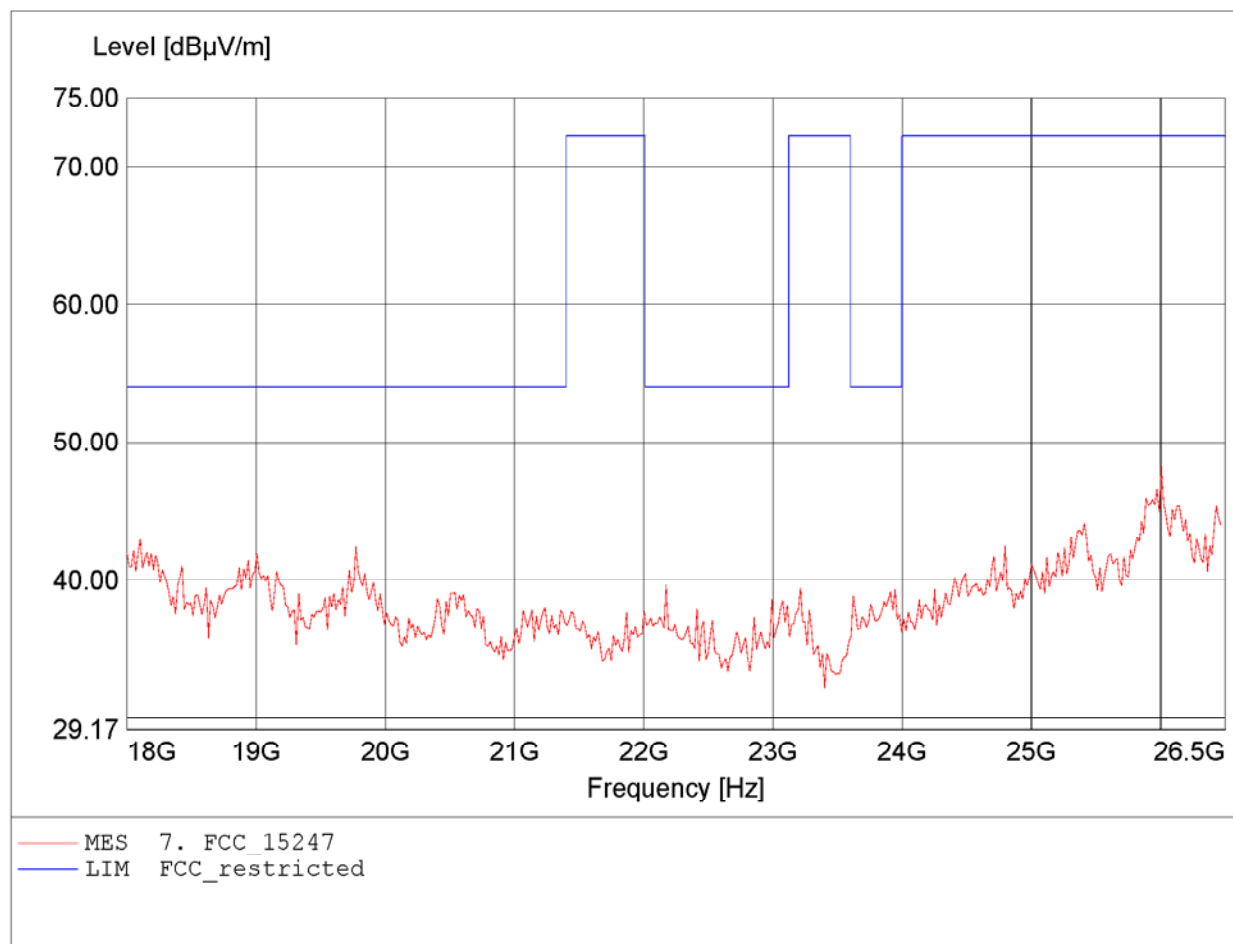
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.938GHz, Emax: 45.98dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.006GHz, Emax: 48.31dBµV/m, RBW: 1MHz

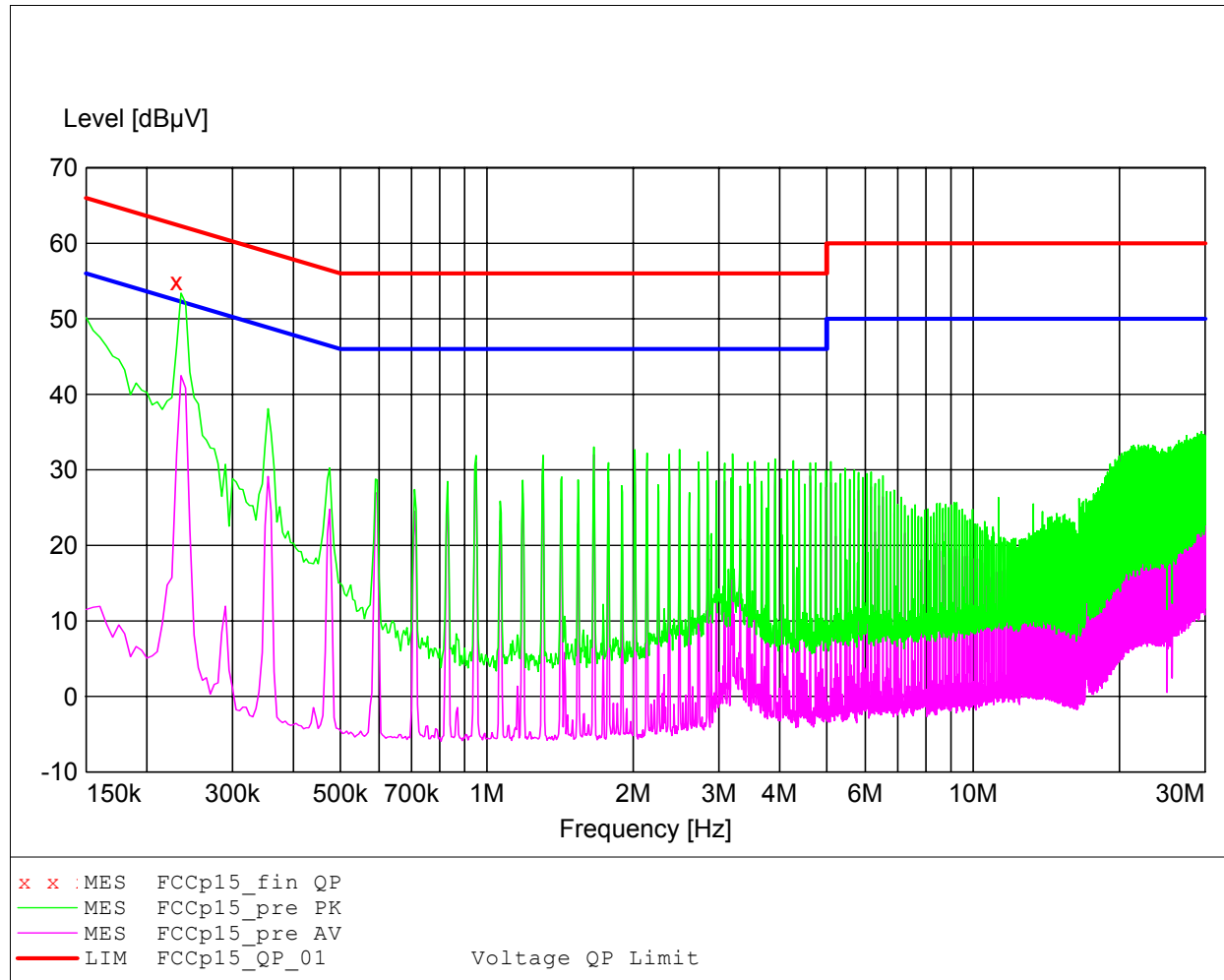


Appendix C

AC power line conducted

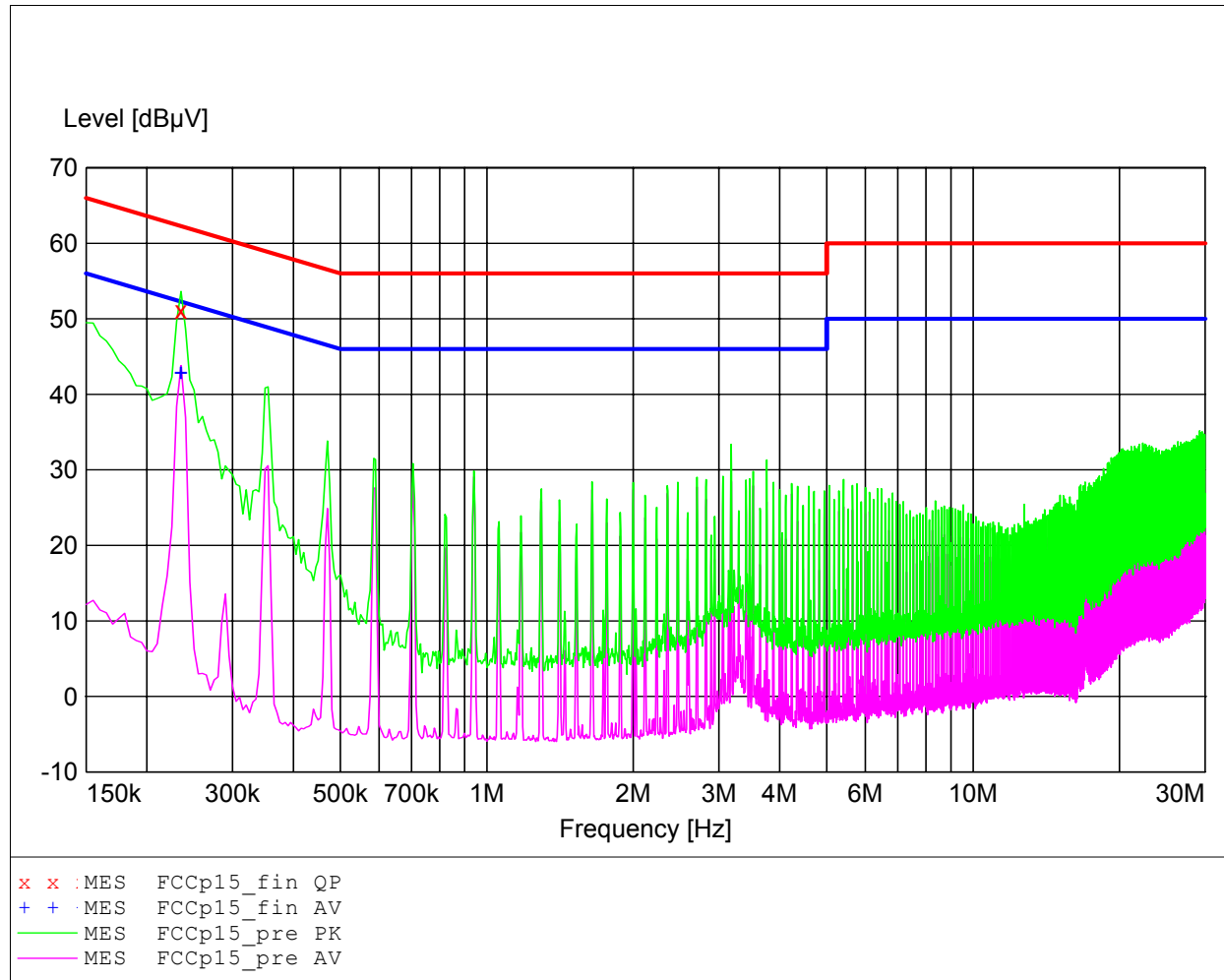
EMI voltage test in the ac-mains according to FCC part 15

Approval Holder: Nanotron Technologies GmbH
EUT: Base Station - V2
Model: CMC-T
Test Site / Operator: Eurofins ETS Production Service GmbH / Mr. Pflug
Test Conditions: Unom: 120 V/AC (AC/DC adaptor), Tnom: 23°C
Test Specification: V-Network: ESH2-Z5 (L1)
Comment 1: mode: receive
Comment 2:



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

Approval Holder: Nanotron Technologies GmbH
EUT: Base Station - V2
Model: CMC-T
Test Site / Operator: Eurofins ETS Production Service GmbH / Mr. Pflug
Test Conditions: Unom: 120 V/AC (AC/DC adaptor), Tnom: 23°C
Test Specification: V-Network: ESH2-Z5 (N)
Comment 1: mode: receive
Comment 2:

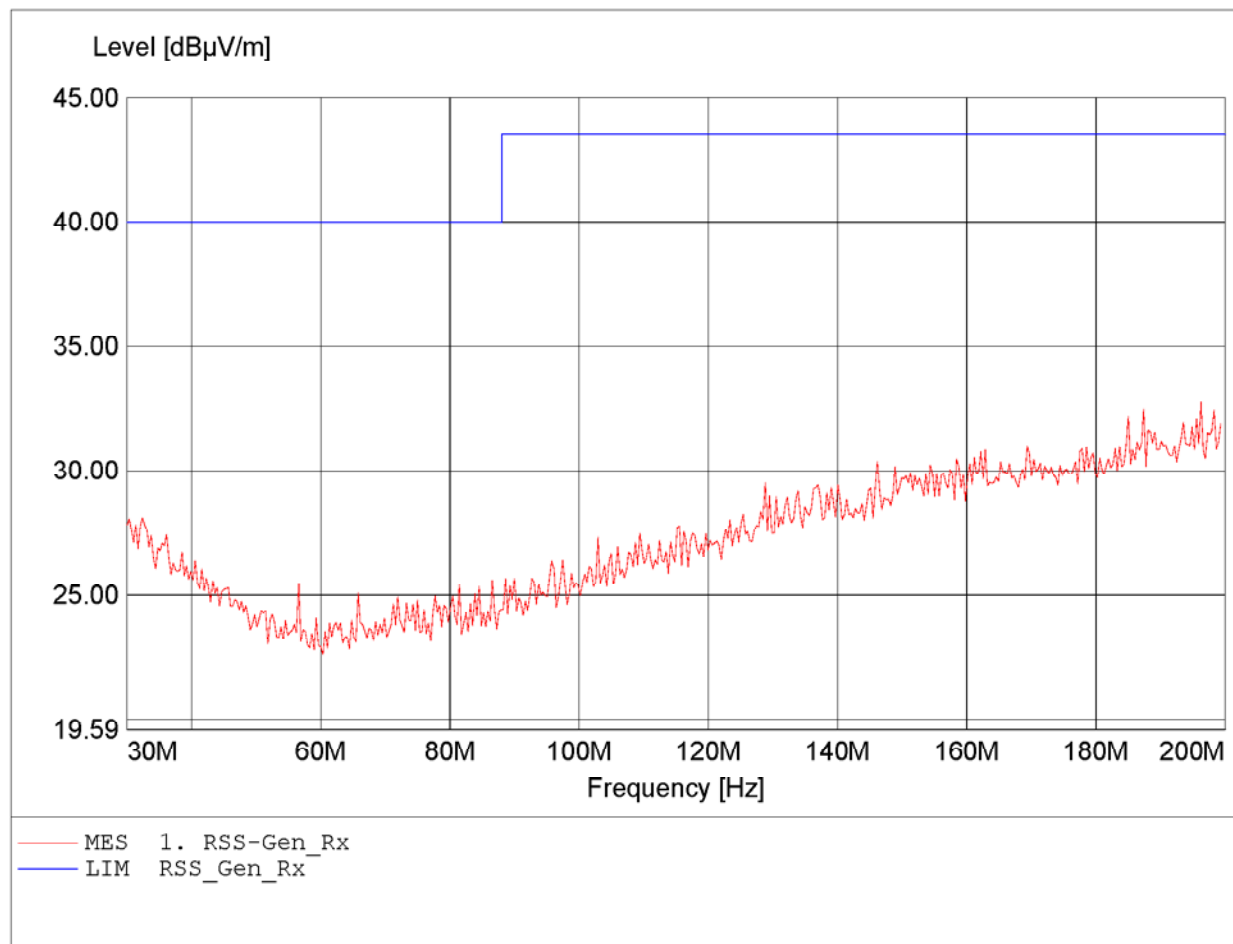


Appendix D

Receiver spurious emissions

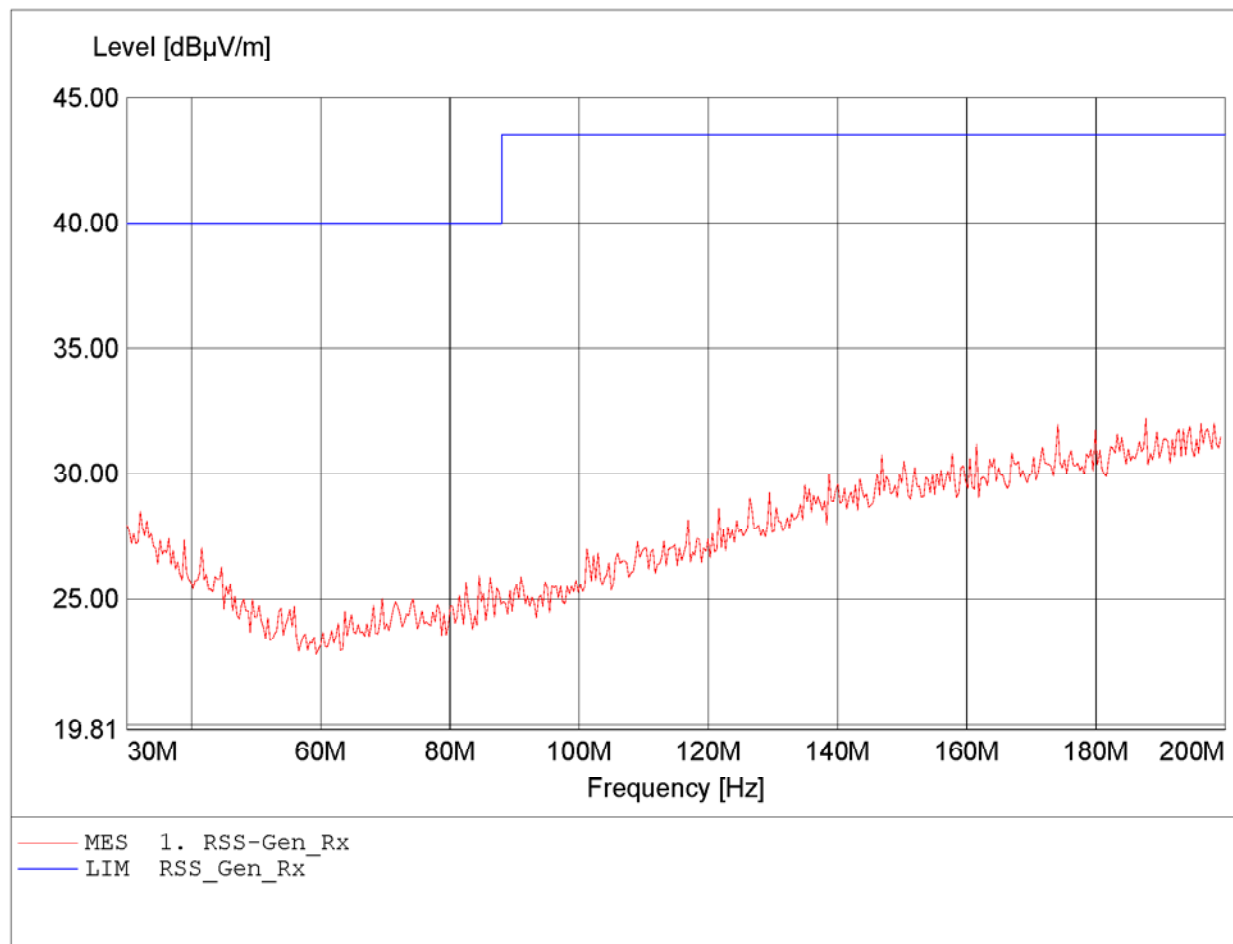
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:196.253MHz Emax:32.79dBμV/m RBW: 100 kHz



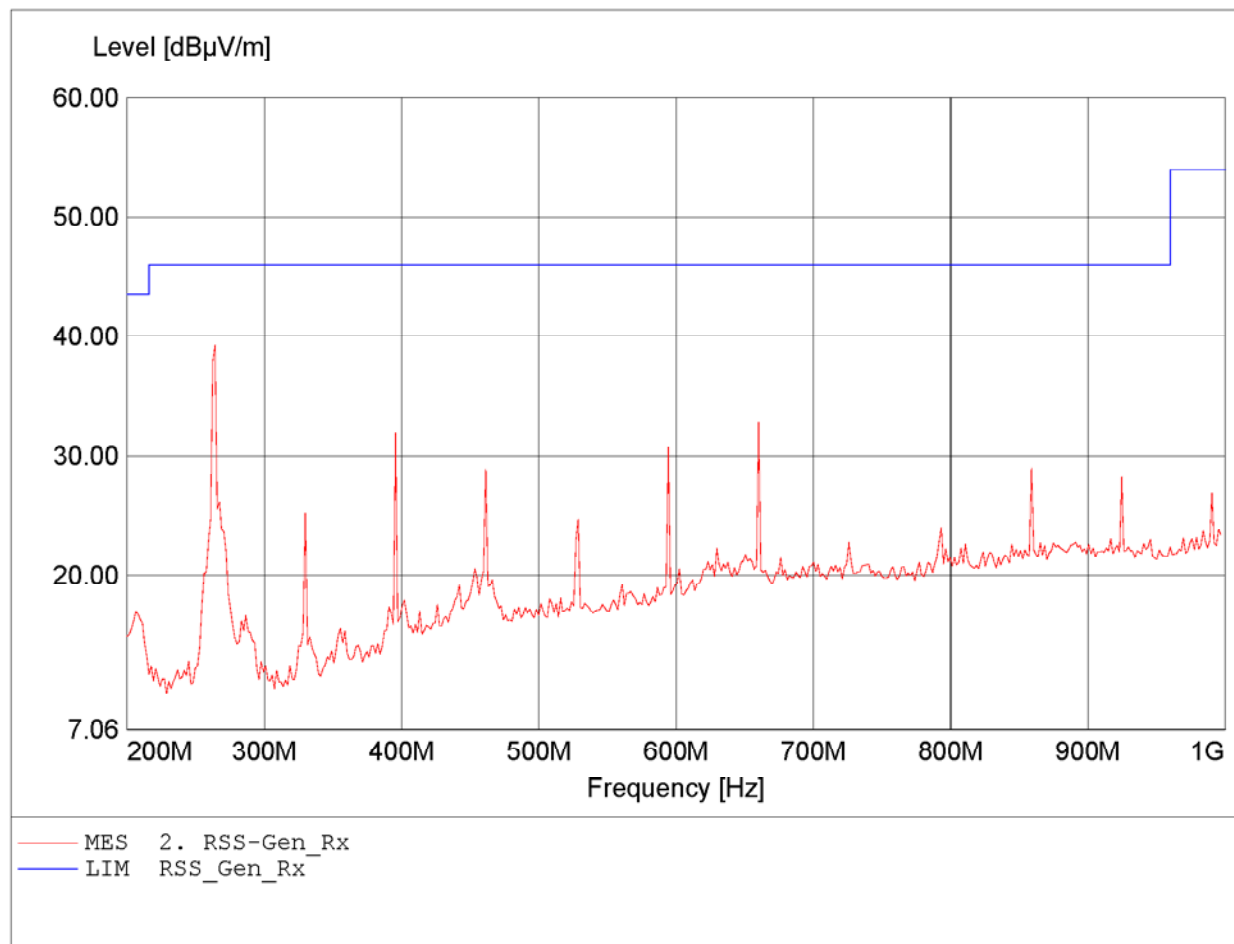
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:187.735MHz Emax:32.24dBμV/m RBW: 100 kHz



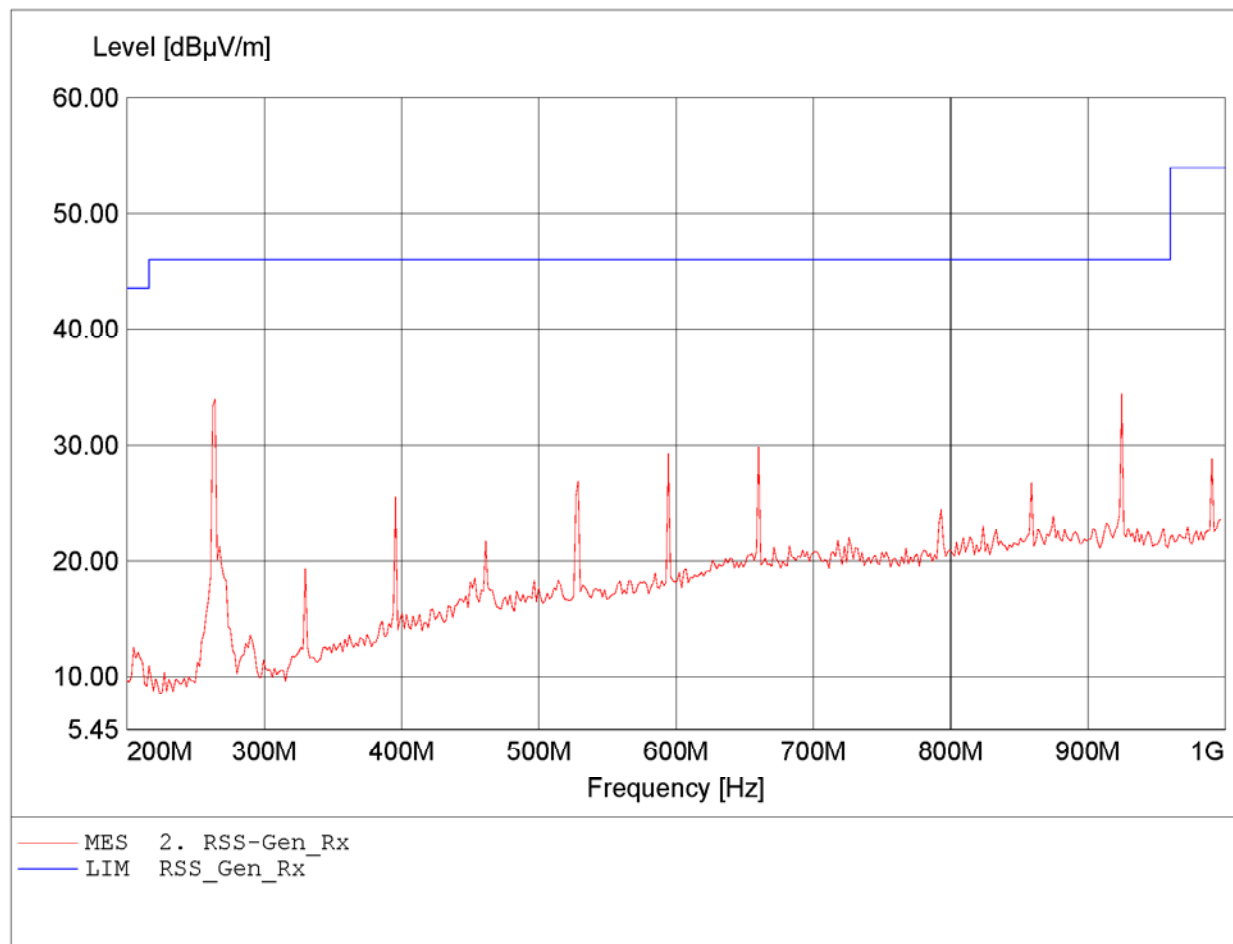
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:264.128MHz Emax:39.23dBμV/m RBW: 100 kHz



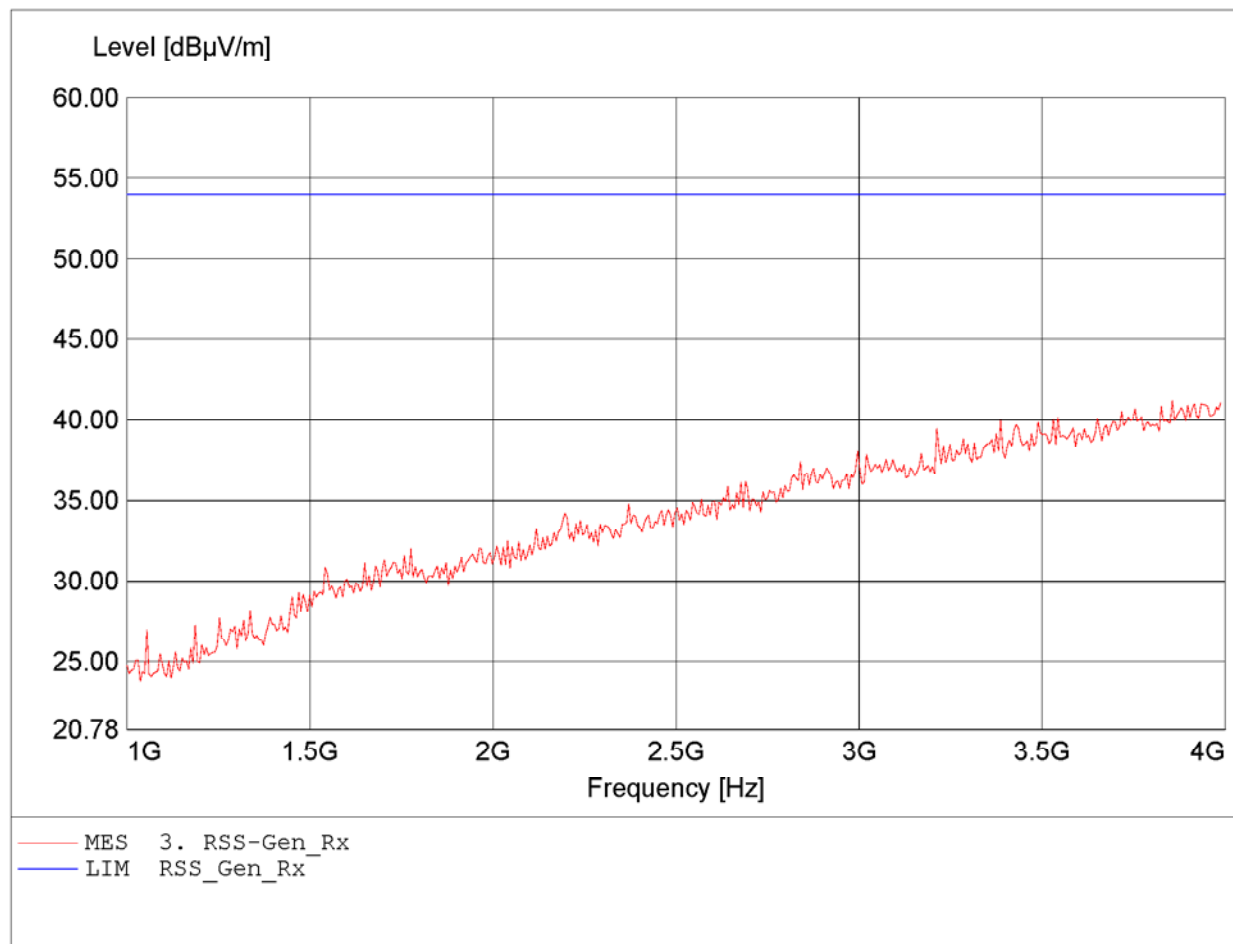
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:924.649MHz Emax:34.50dBµV/m RBW: 100 kHz



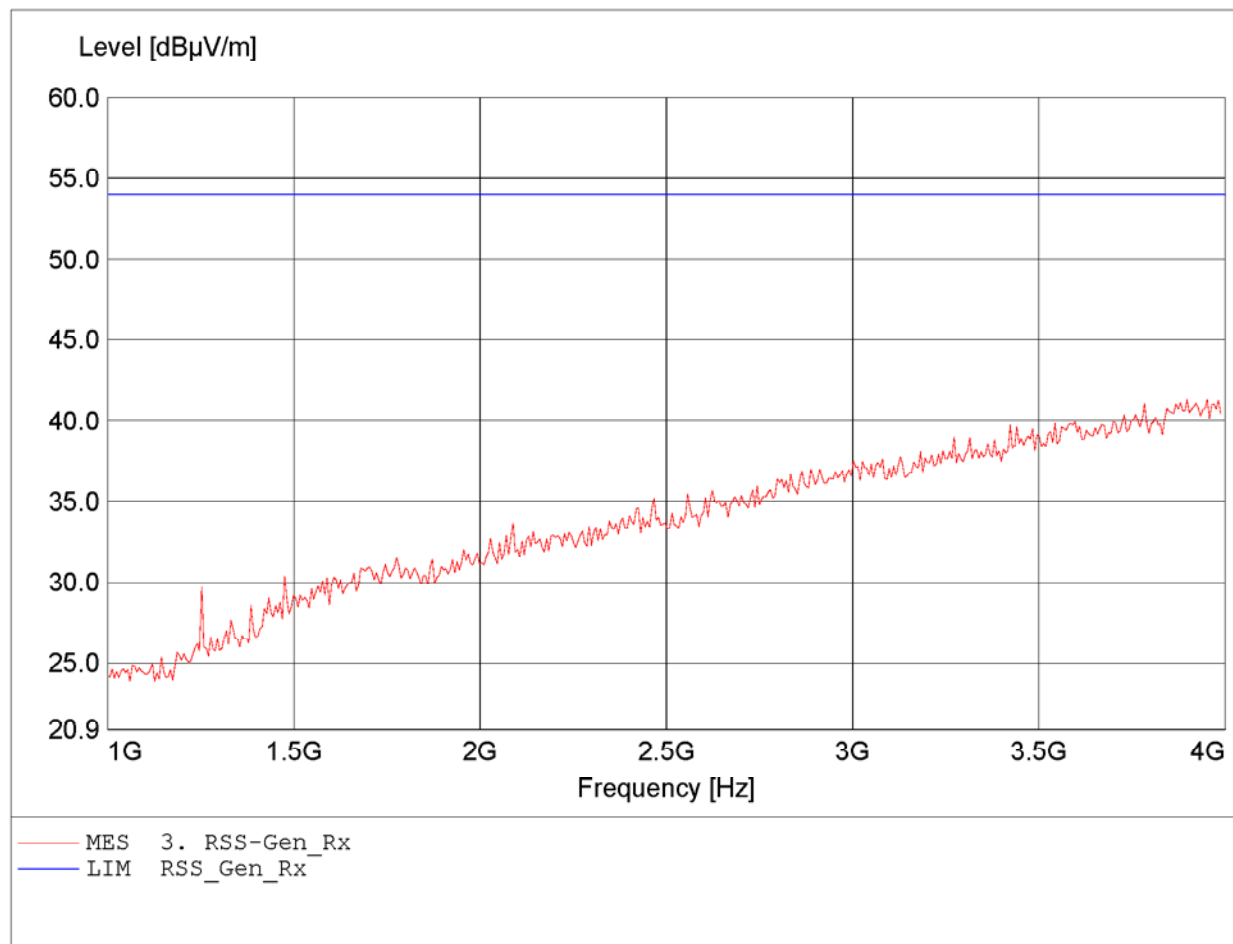
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.856GHz Emax:41.20dBμV/m RBW: 1 MHz



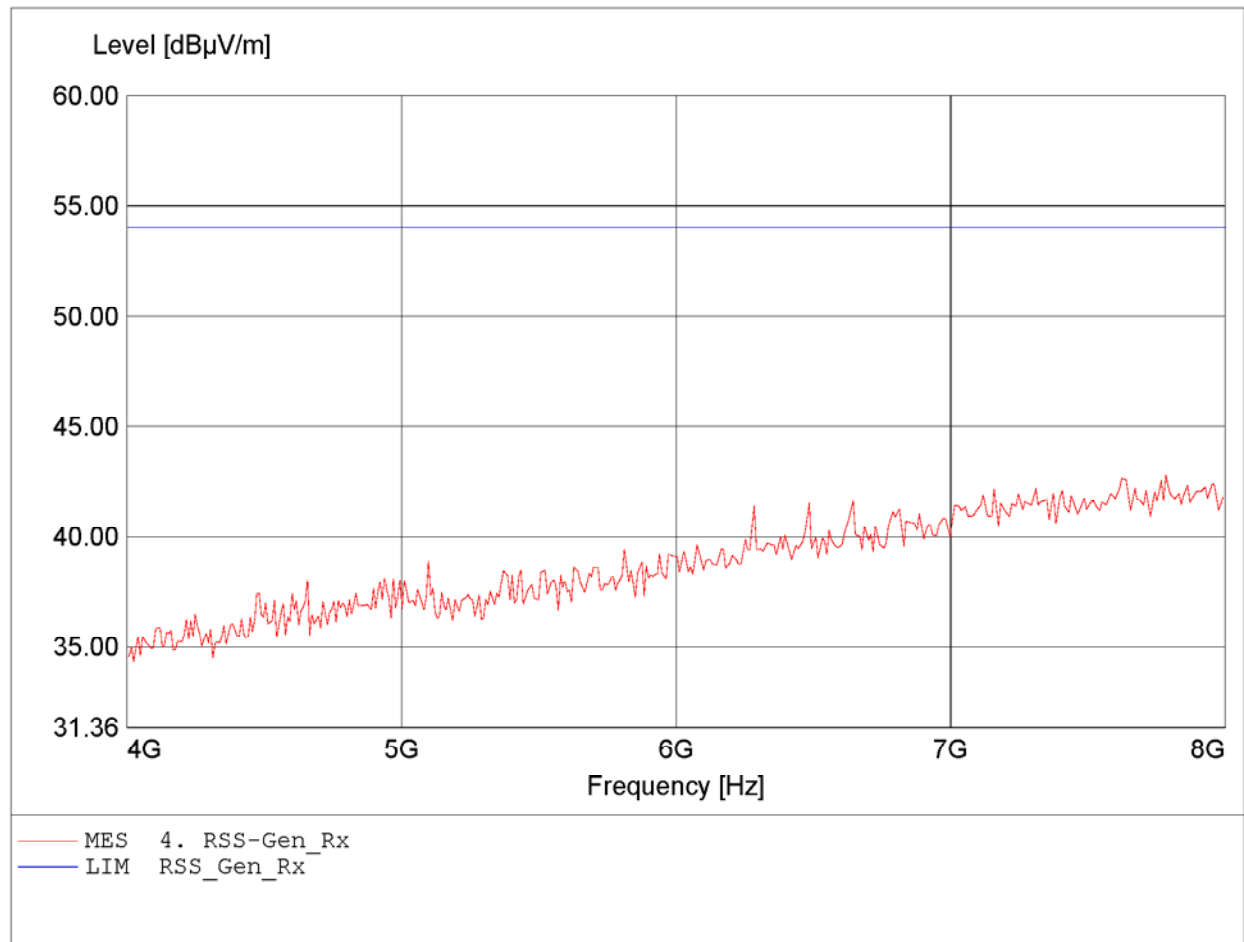
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.952GHz Emax:41.35dBμV/m RBW: 1 MHz



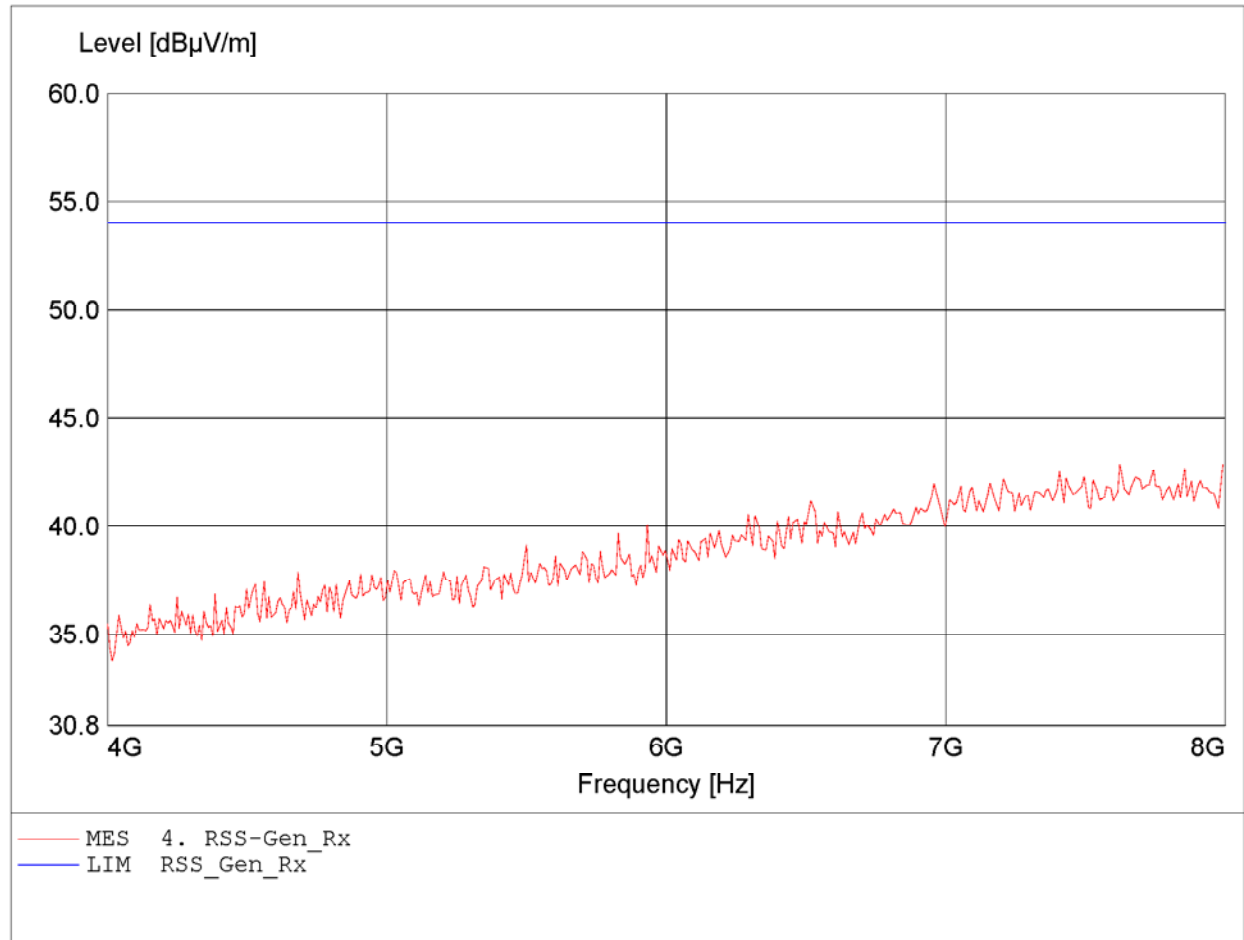
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.784GHz Emax:42.76dBμV/m RBW: 1 MHz



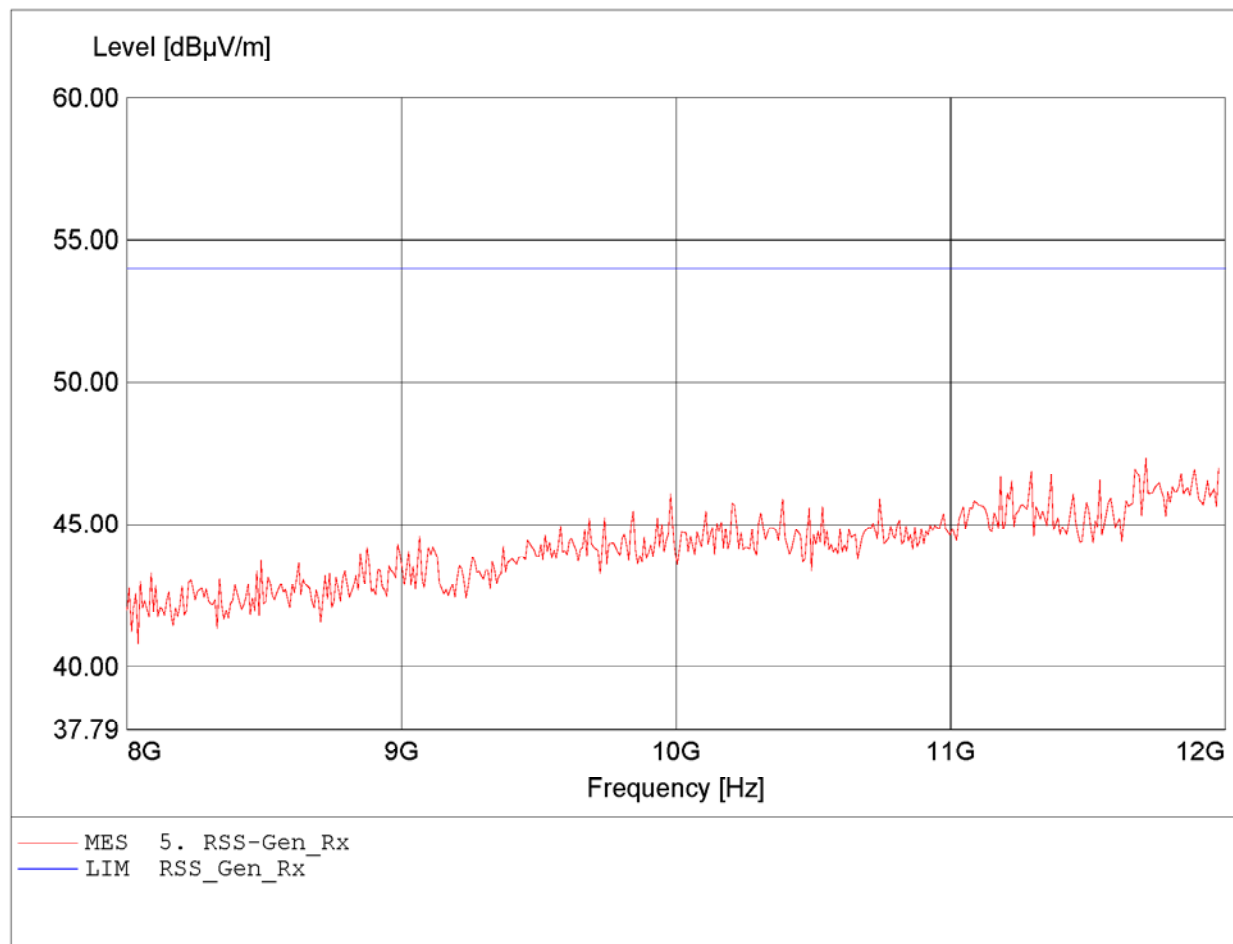
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.623GHz Emax:42.89dBμV/m RBW: 1 MHz



Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.711GHz Emax:47.34dBμV/m RBW: 1 MHz



Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: NANOTRON TECHNOLOGIES GmbH
EUT / Model: BASE STATION -V2 / CMC-TC
Order-No.: GOM20801-1627
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 13.80 V DC
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.920GHz Emax:47.76dBμV/m RBW: 1 MHz

