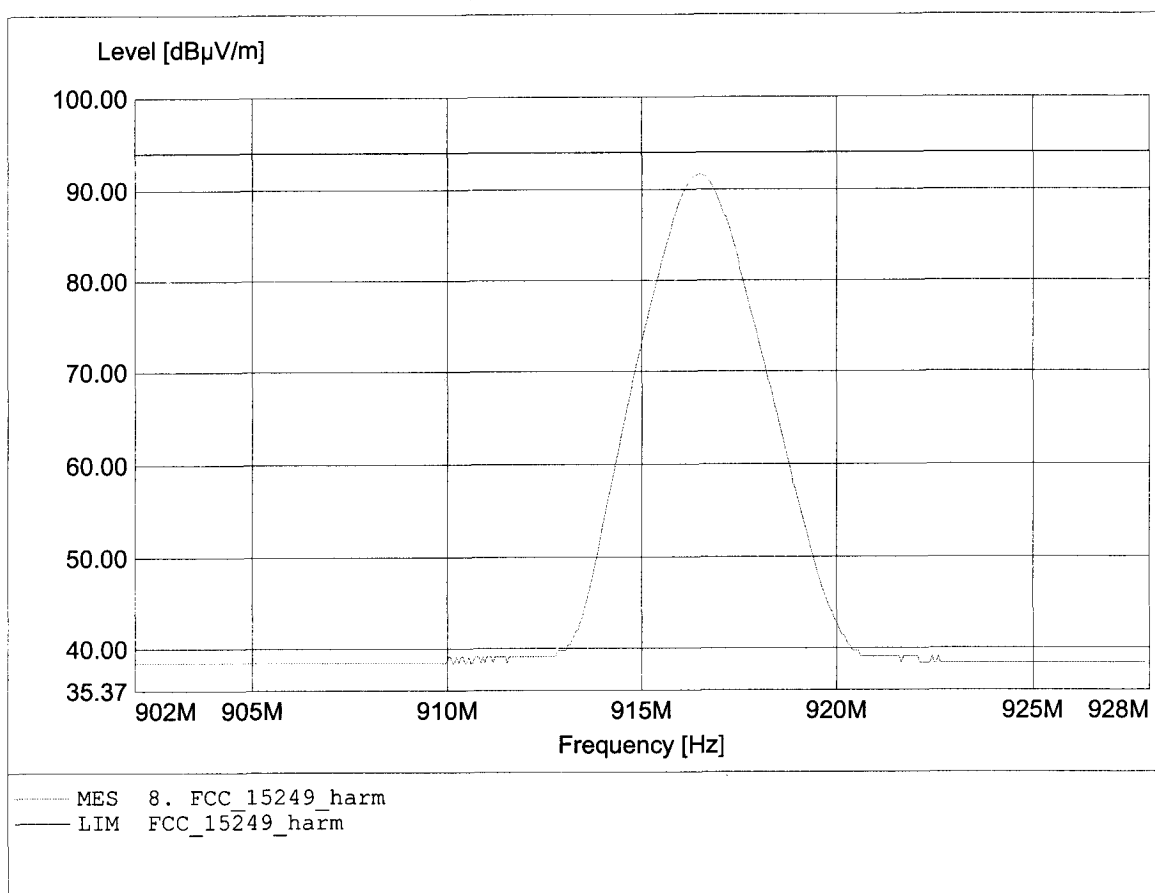


Appendix B

Fundamental Field Strength

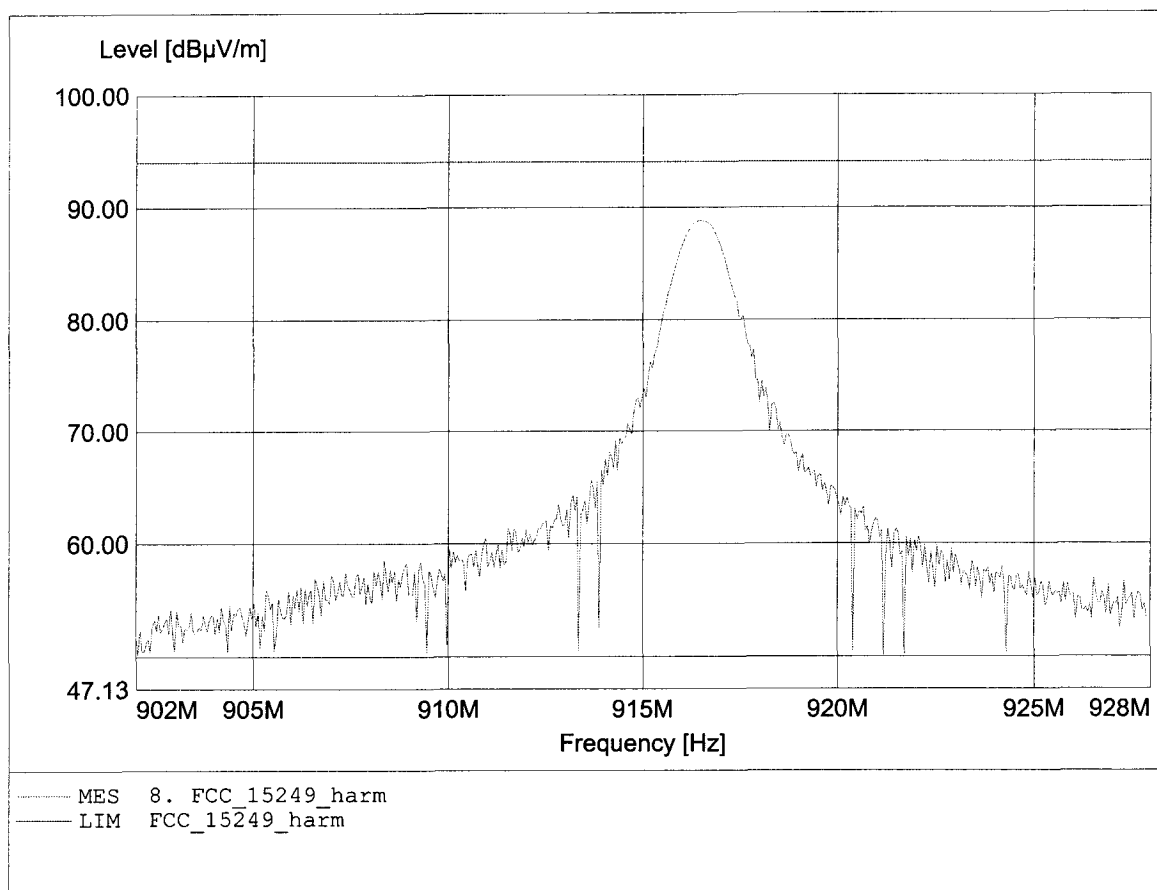
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to S15.249
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 916.485MHz, Emax: 91.63dBµV/m, RBW: 100kHz



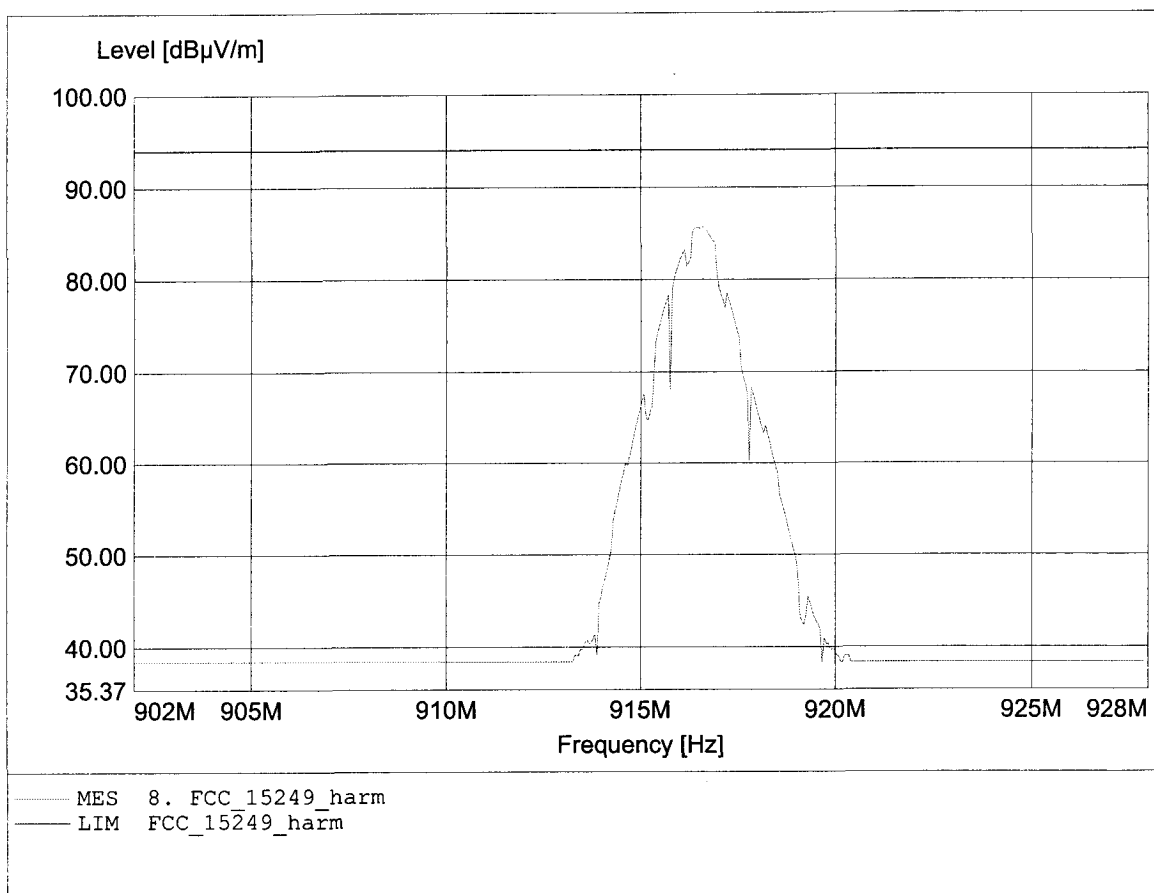
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 916.433MHz, Emax: 88.81dBµV/m, RBW: 100kHz



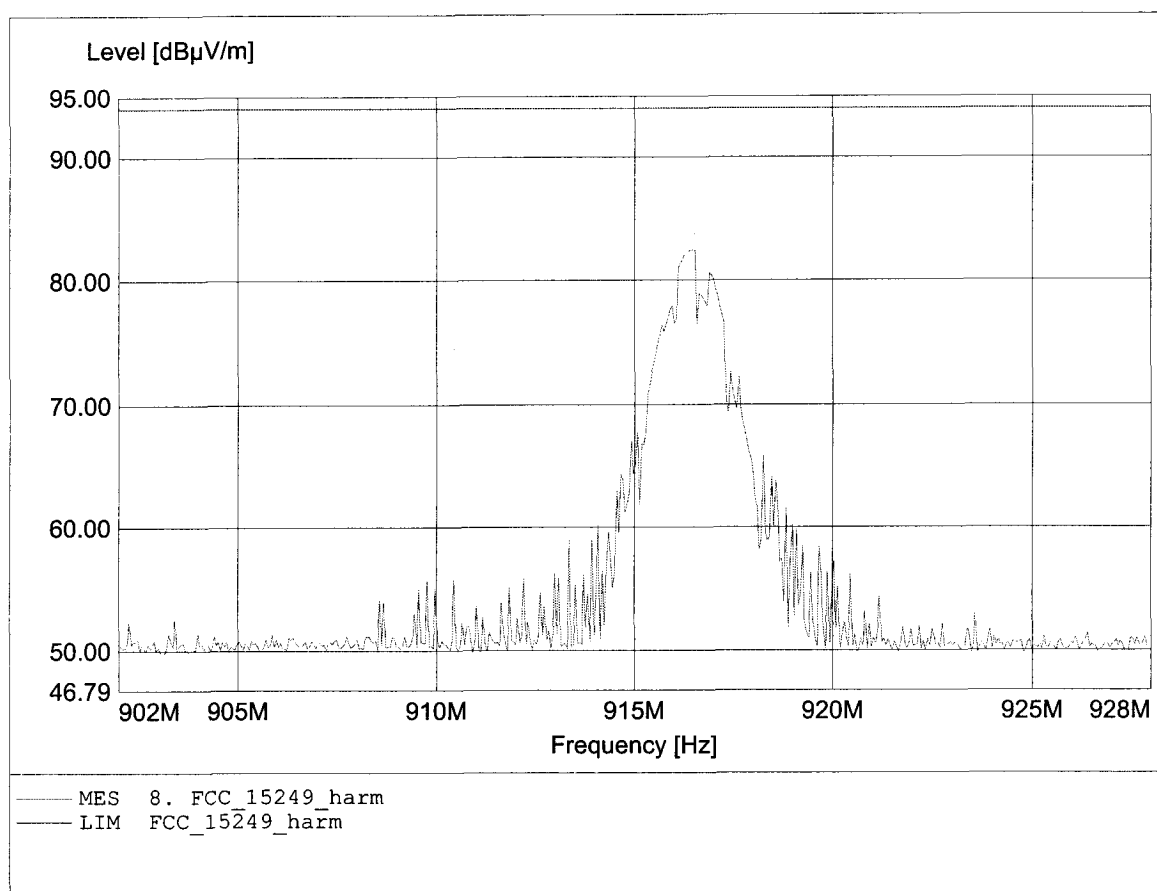
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 916.589MHz, Emax: 85.71dBµV/m, RBW: 100kHz



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

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 916.485MHz, Emax: 82.40dBµV/m, RBW: 100kHz

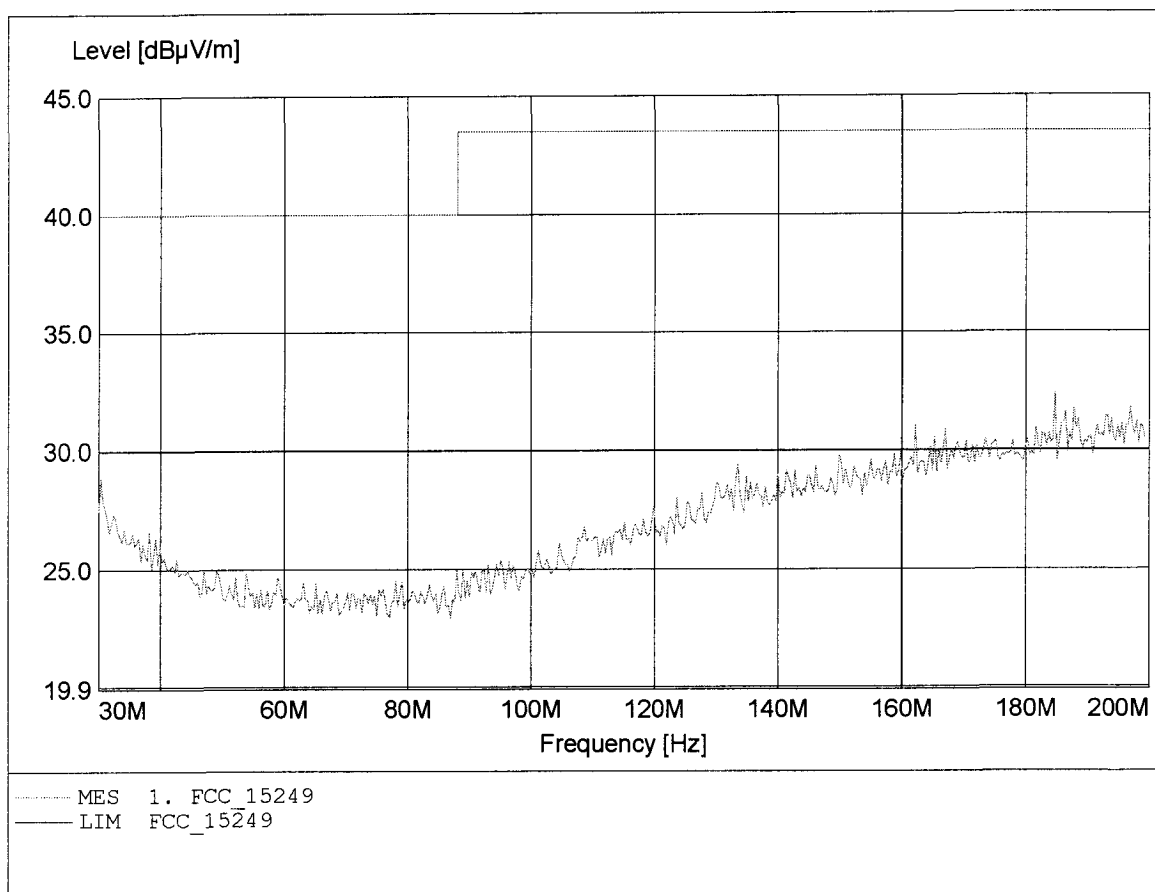


Appendix C

Spurious Emissions radiated - Transmitter operating

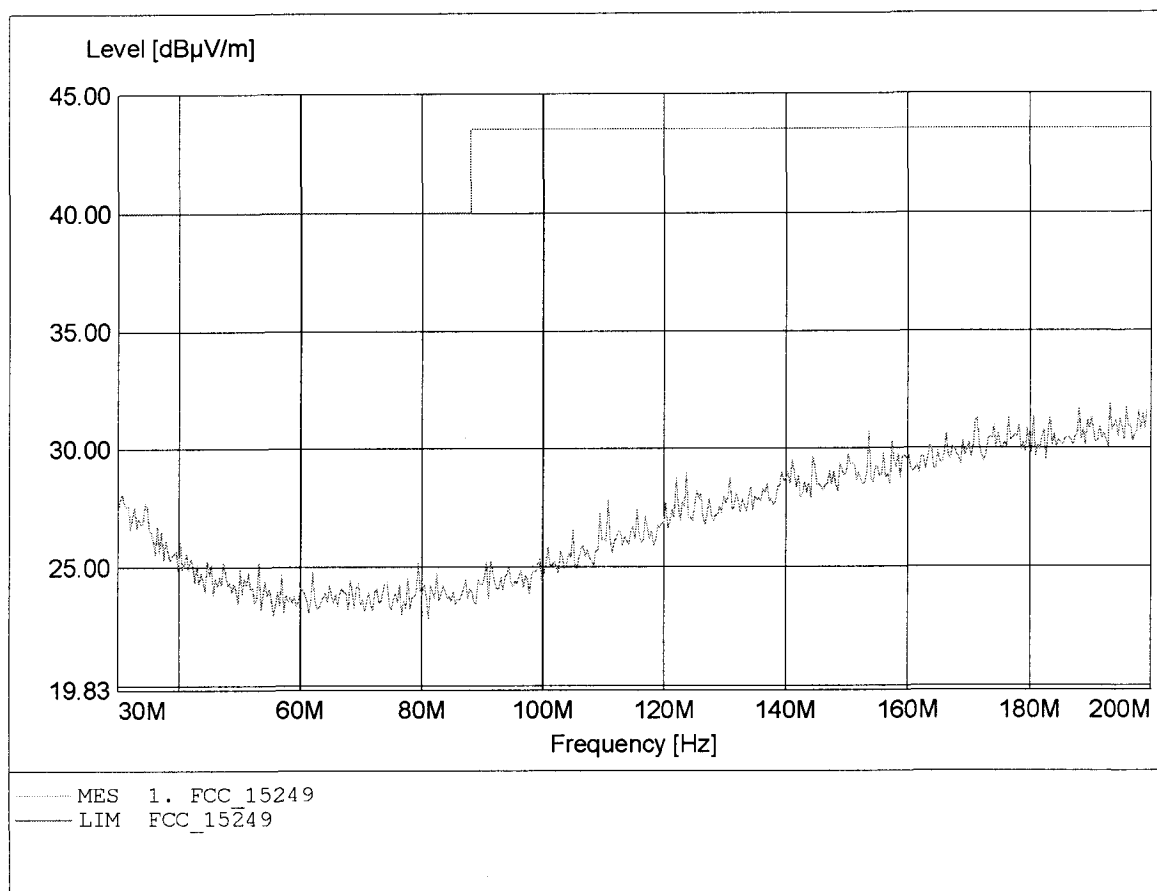
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to S15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 184.669MHz, Emax: 32.38dBµV/m, RBW: 100kHz



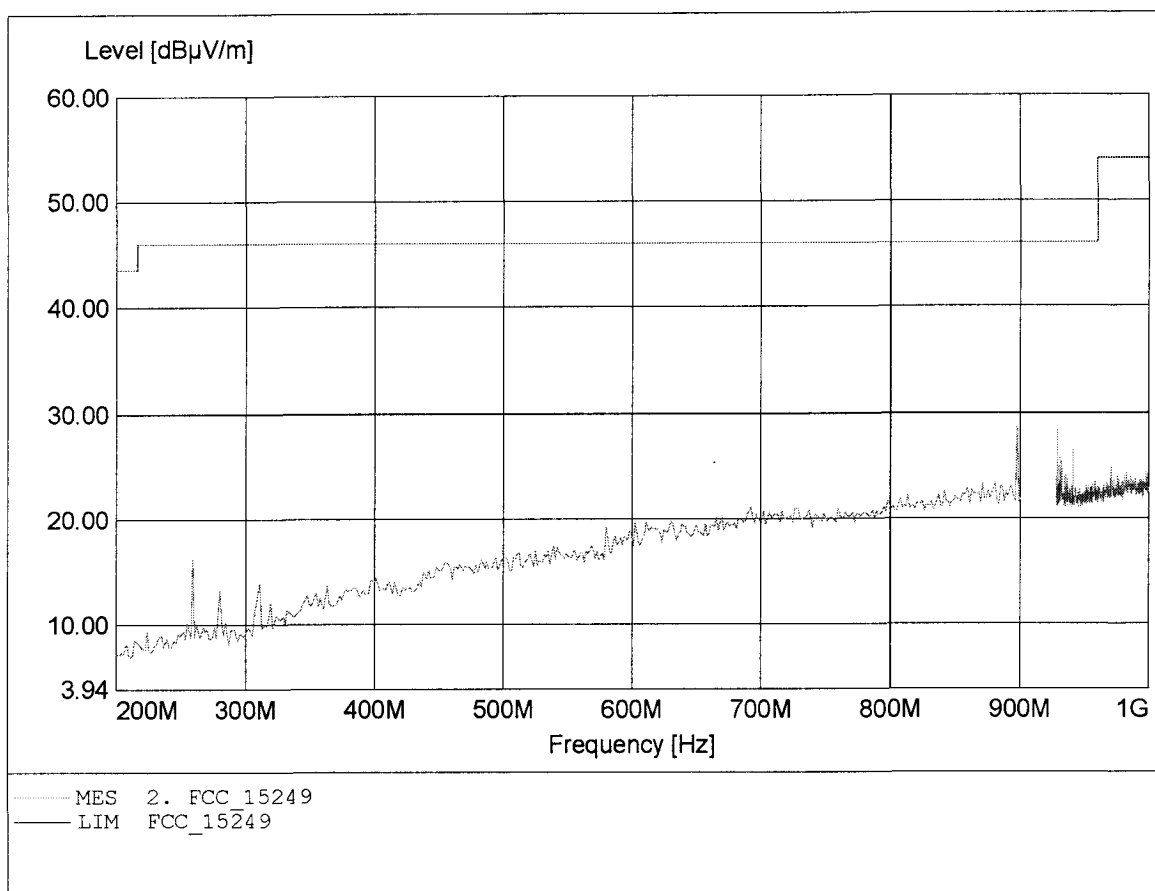
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.186MHz, Emax: 31.92dBµV/m, RBW: 100kHz



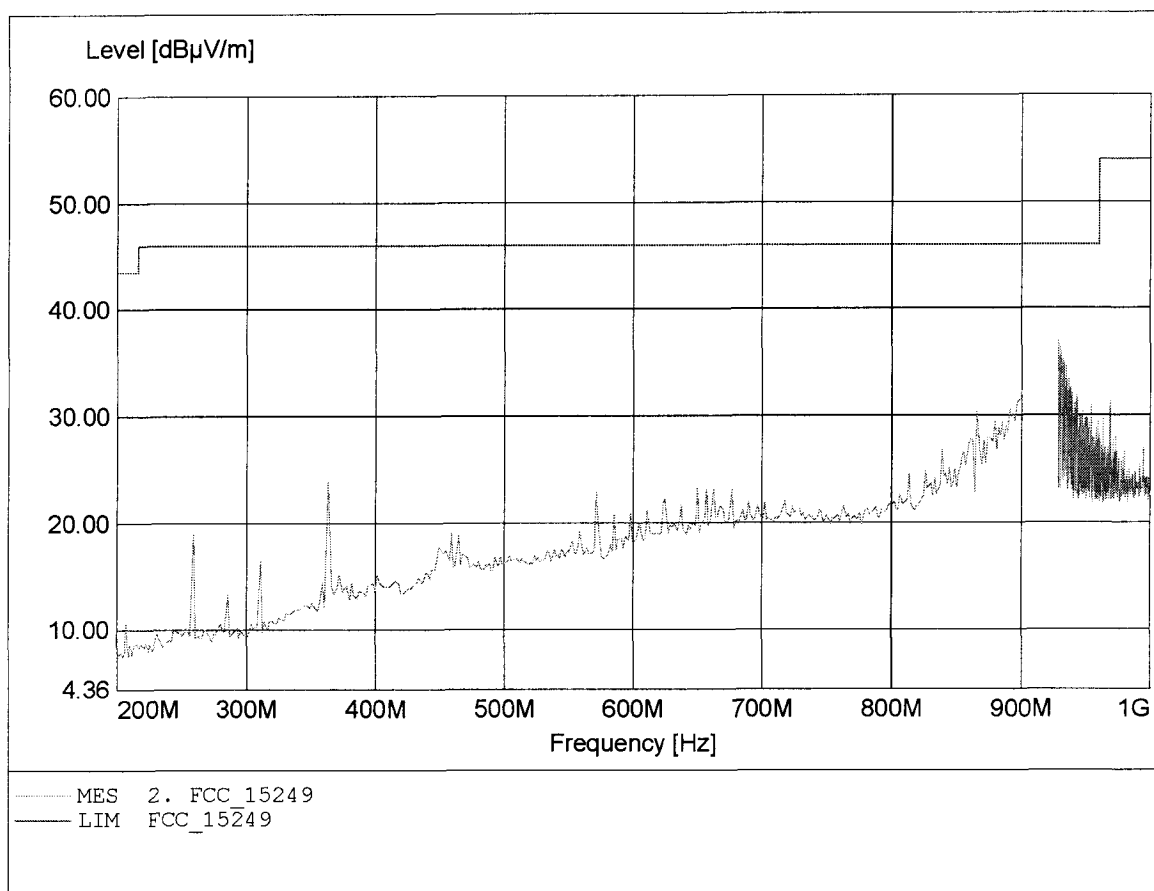
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to S15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 897.780MHz, Emax: 28.76dBµV/m, RBW: 100kHz



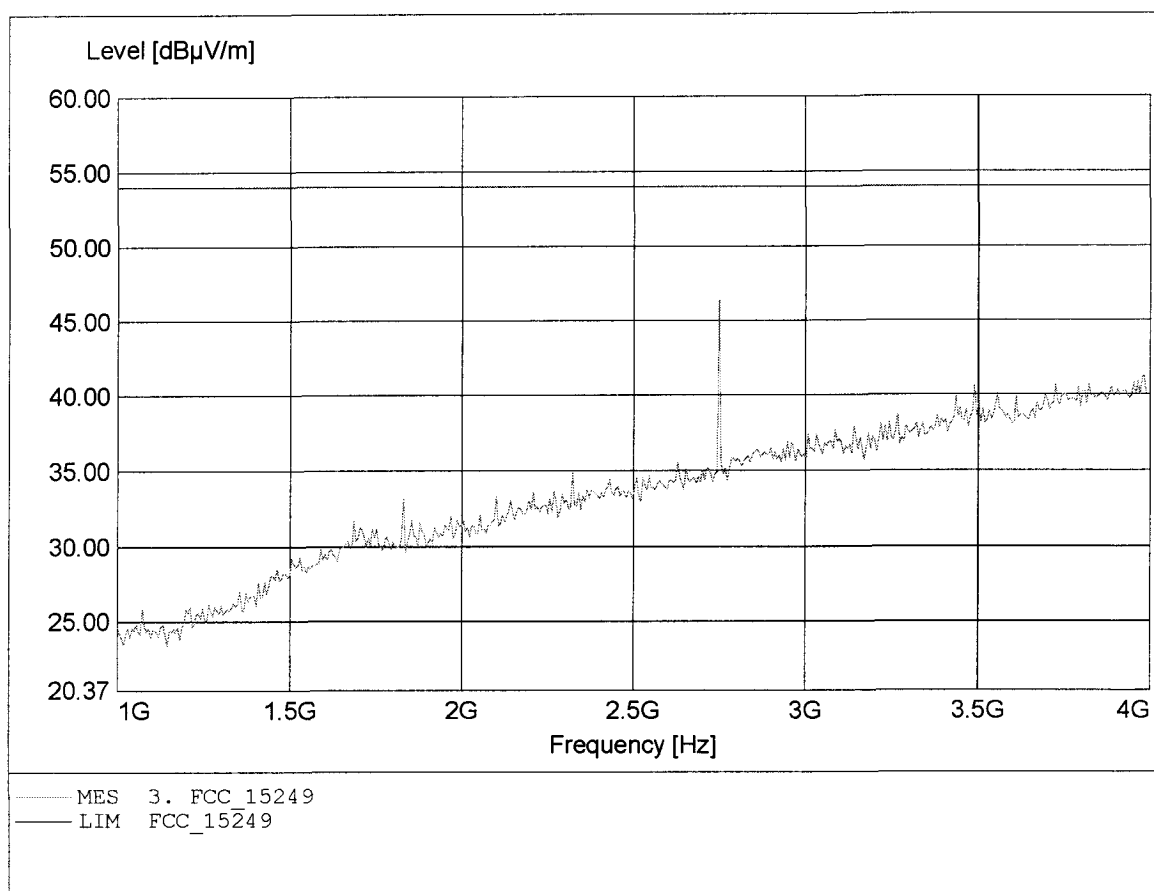
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 928.289MHz, Emax: 36.94dBµV/m, RBW: 100kHz



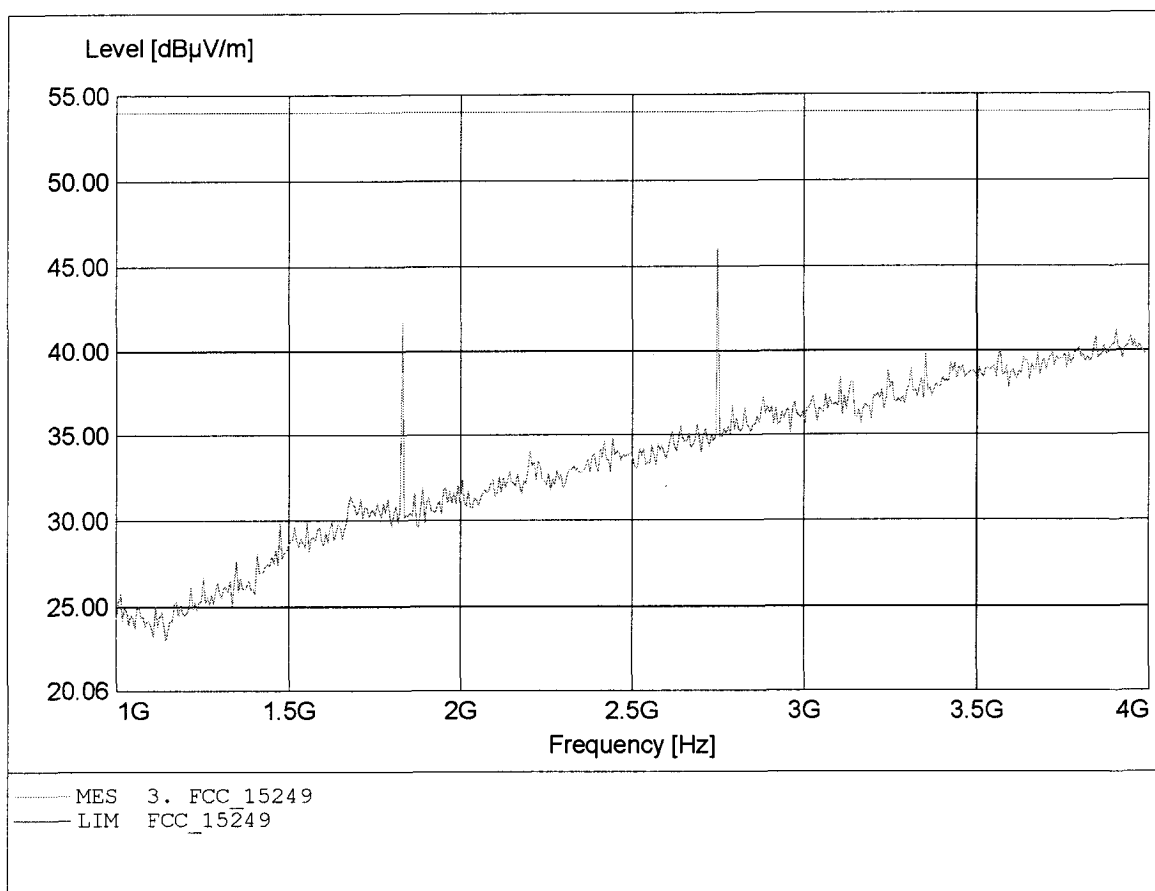
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 025, amplif.
Comment 2: Freq: 2.749GHz, Emax: 46.48dBμV/m, RBW: 1MHz



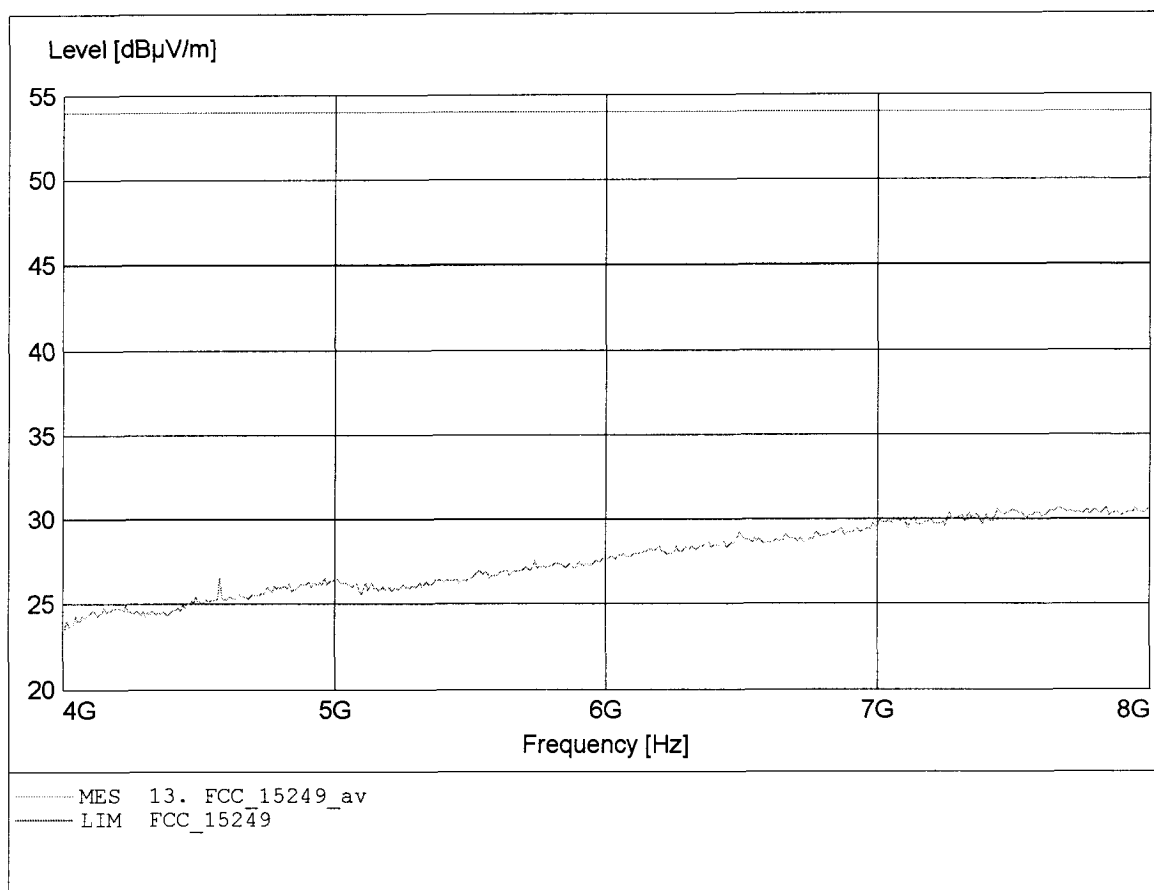
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 025, amplif.
Comment 2: Freq: 2.749GHz, Emax: 46.09dBµV/m, RBW: 1MHz



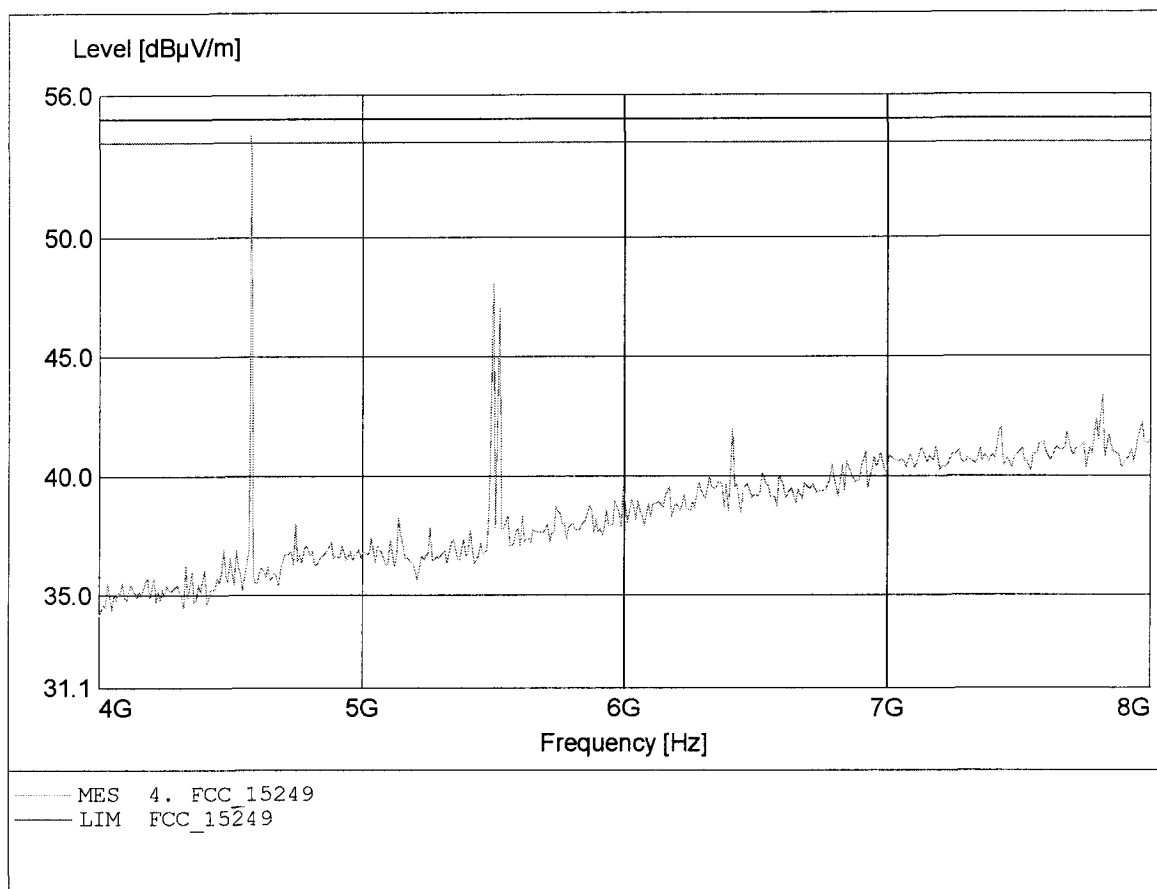
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, average detector
Comment 1: Dist.: 3m, Ant.: HL 025, ampl.+HP.
Comment 2: Freq: 7.840GHz, Emax: 30.70dBµV/m, RBW: 1MHz



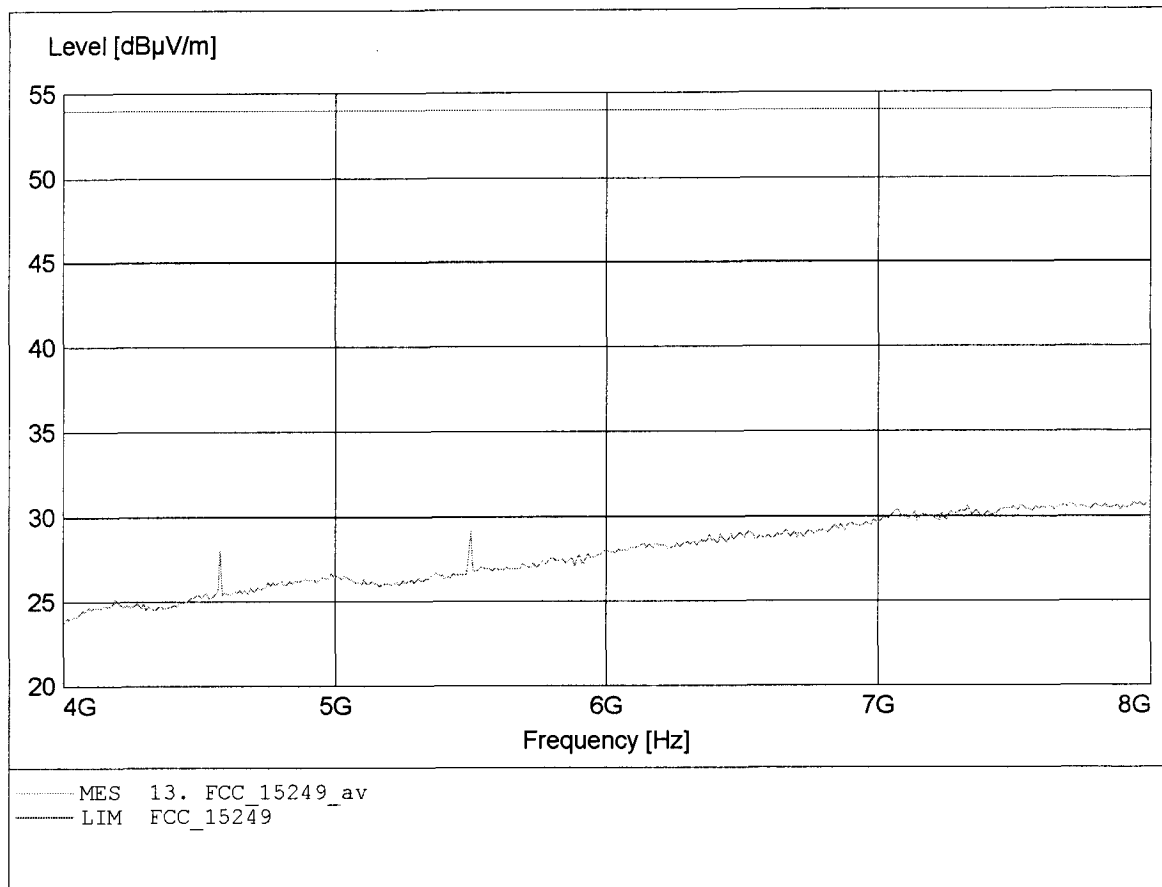
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 025, ampl.+HP.
Comment 2: Freq: 4.577GHz, Emax: 54.35dBμV/m, RBW: 1MHz



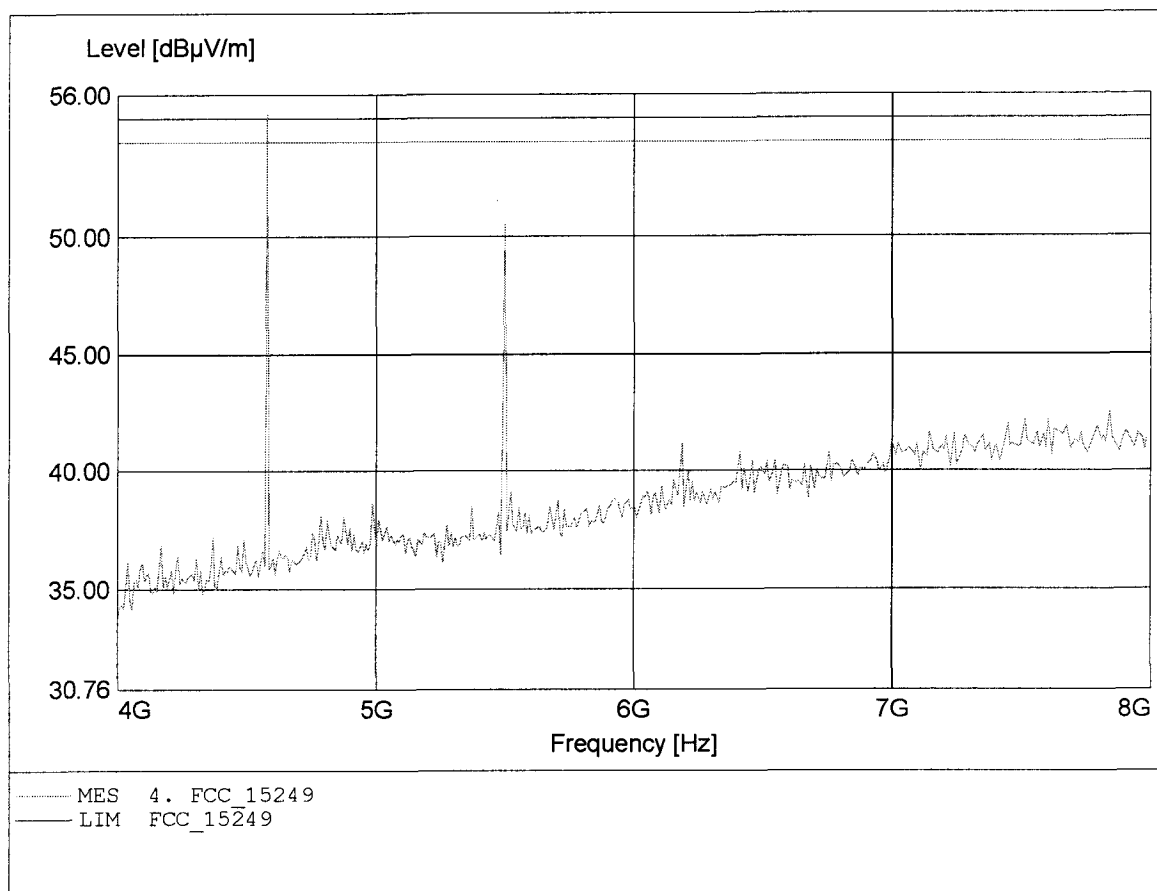
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, average detector
Comment 1: Dist.: 3m, Ant.: HL 025, ampl.+HP.
Comment 2: Freq: 7.936GHz, Emax: 30.79dBμV/m, RBW: 1MHz



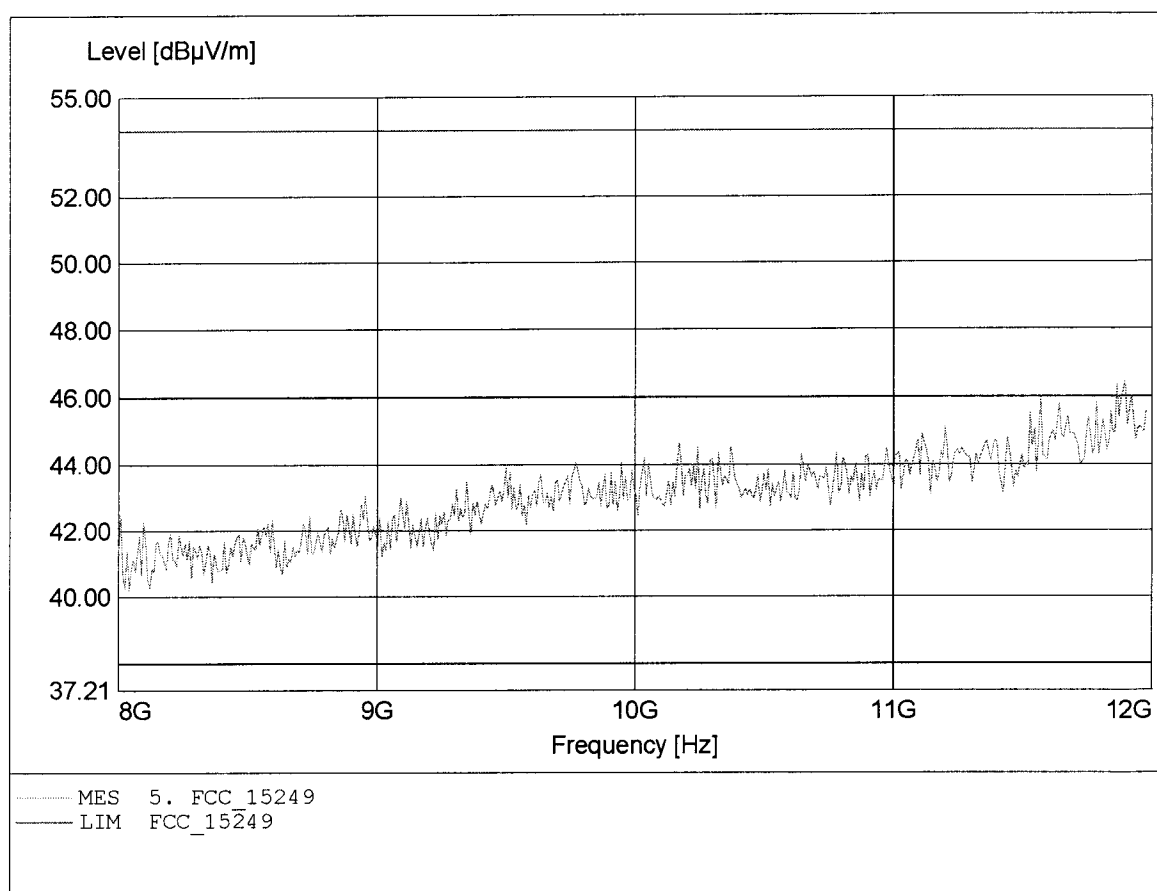
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 025, ampl.+HP.
Comment 2: Freq: 4.577GHz, Emax: 55.22dBµV/m, RBW: 1MHz



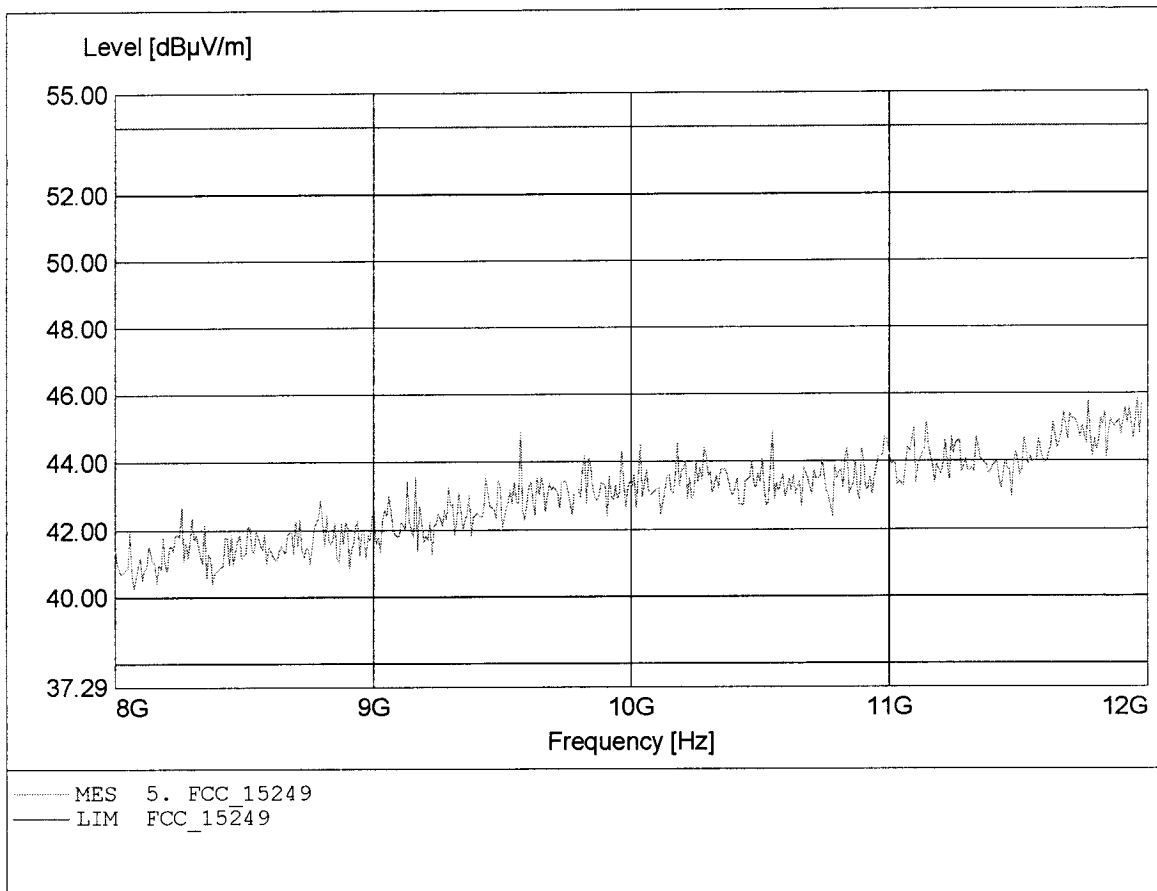
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to S15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 025, ampl.+HP.
Comment 2: Freq: 11.896GHz, Emax: 46.42dBμV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

Approval Holder: ELV Electronics Limited
EUT: RF-Transceiver module
Model: TRX 916
Test Site / Operator: ETS / Mr. Handrik
Operating Conditions: 23°C / Unom.: 3.0 VDC
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 025, ampl.+HP.
Comment 2: Freq: 11.960GHz, Emax: 45.83dBµV/m, RBW: 1MHz



Appendix D

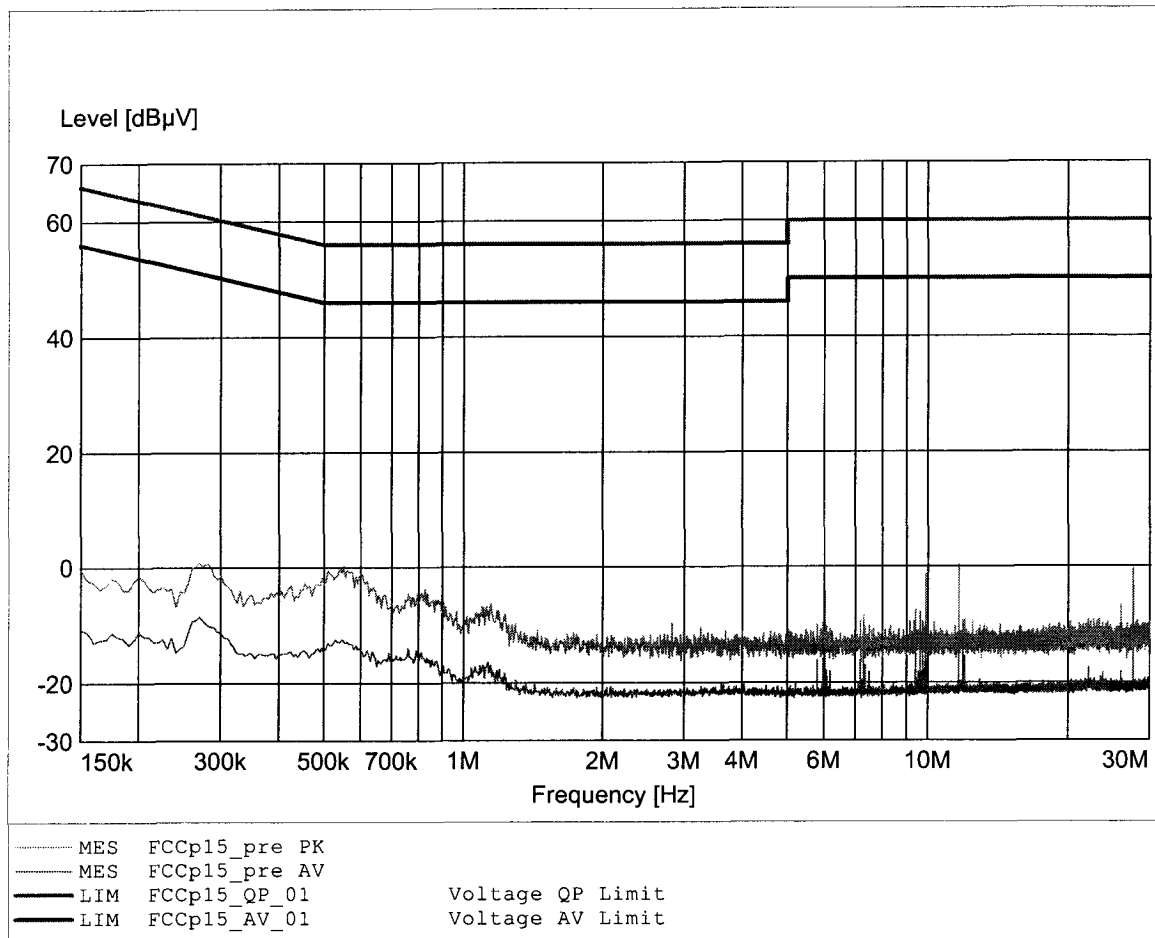
Out of band Spurious Emissions, Bandedge - Transmitter operating

Appendix E

Conducted Measurement at (AC) Power Line

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

EUT: RF-Transceiver Module
Manufacturer: ELV Elektronik AG
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: TRX 916 mode: TX



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

EUT: RF-Transceiver Module
Manufacturer: ELV Elektronik AG
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: TRX 916 mode: TX

