



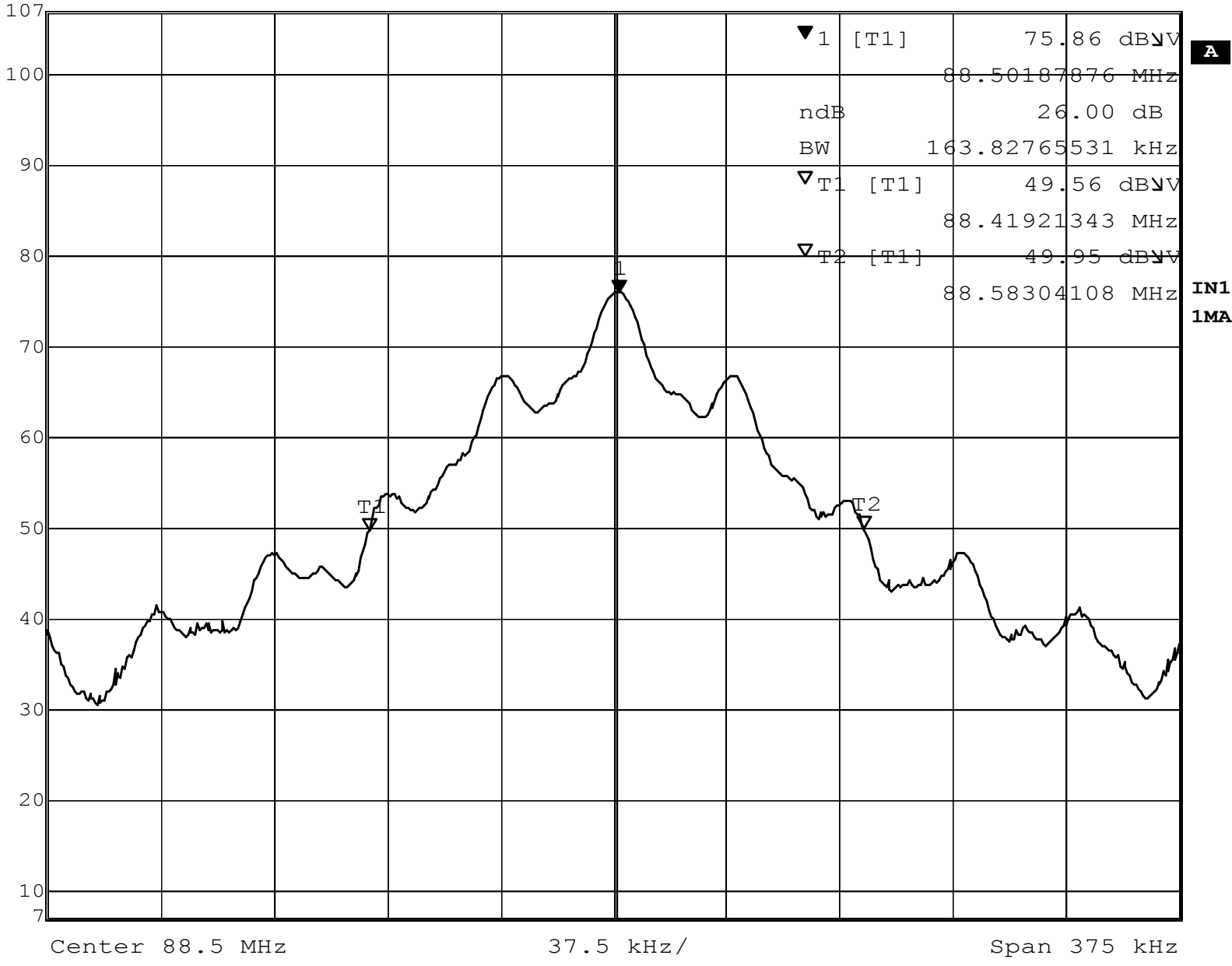
Registration number: W6M20405-5178-C-1
FCC ID: HQXFTR-2000

Appendix A

Emission Bandwidth



Marker 1 [T1 ndB] RBW 10 kHz RF Att 10 dB
 Ref Lvl ndB 26.00 dB VBW 100 kHz
 107 dBμV BW 163.82765531 kHz SWT 1.9 s Unit dBμV



Title: 26dB Bandwidth
 Date: 25.MAY.2004 11:57:53



Registration number: W6M20405-5178-C-1
FCC ID: HQXFTR-2000

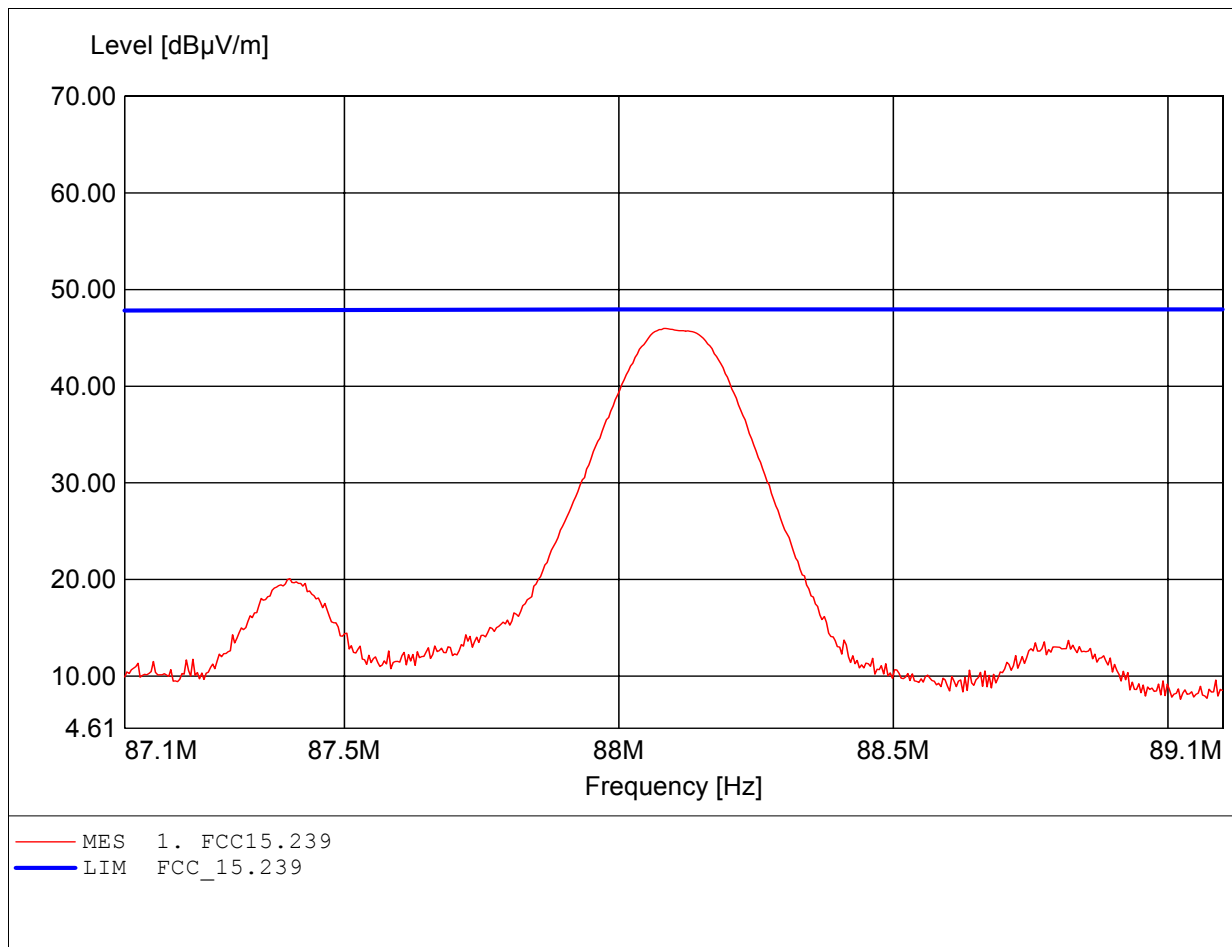
Appendix B

Carrier Field Strength

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

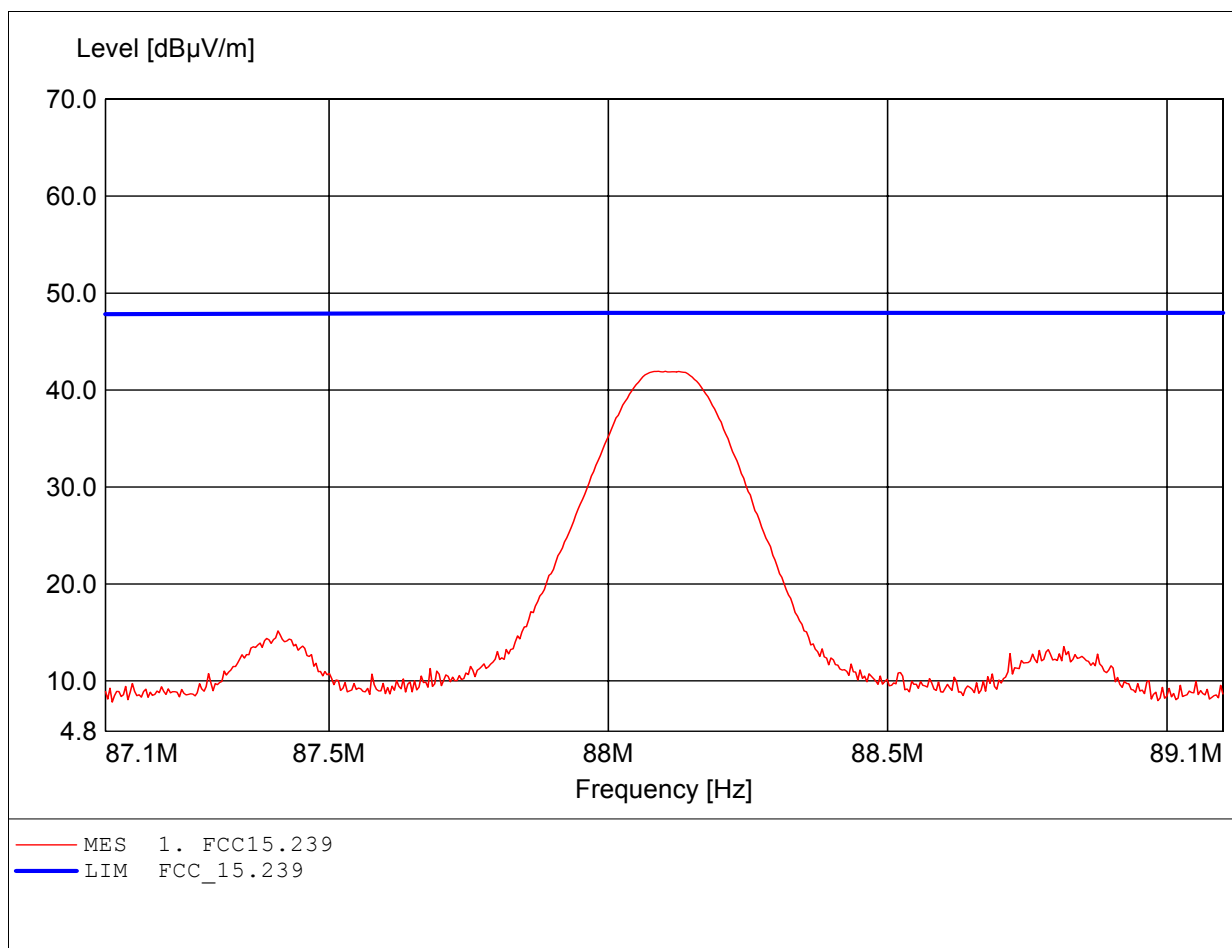
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH1
Approval Holder: SY SGRATION LTD.
Test Site / Operator: ETS / pierce peng
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.086MHz, Emax: 45.97dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

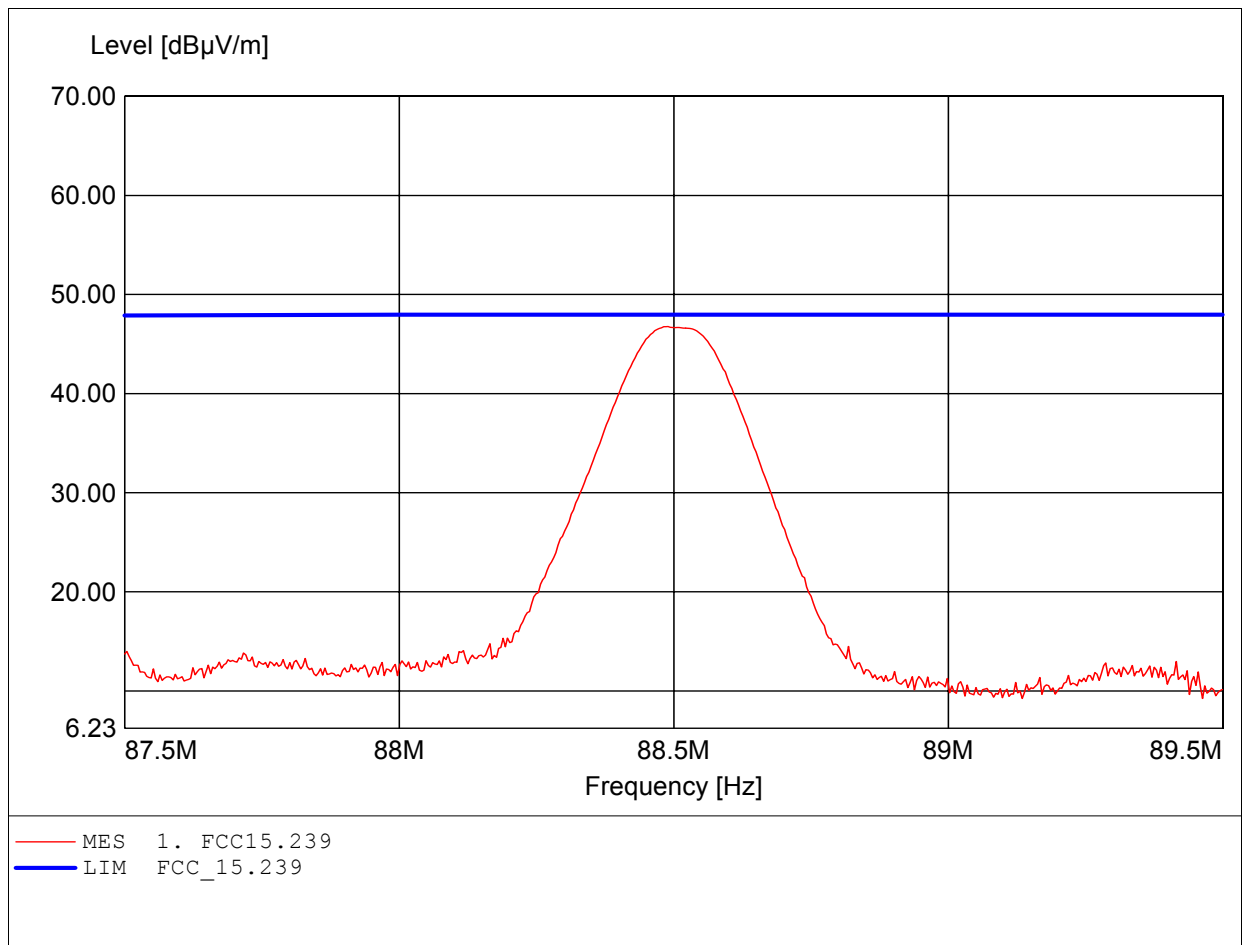
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH1
Approval Holder: SY SGRATION LTD.
Test Site / Operator: ETS / pierce peng
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.102MHz, Emax: 41.92dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

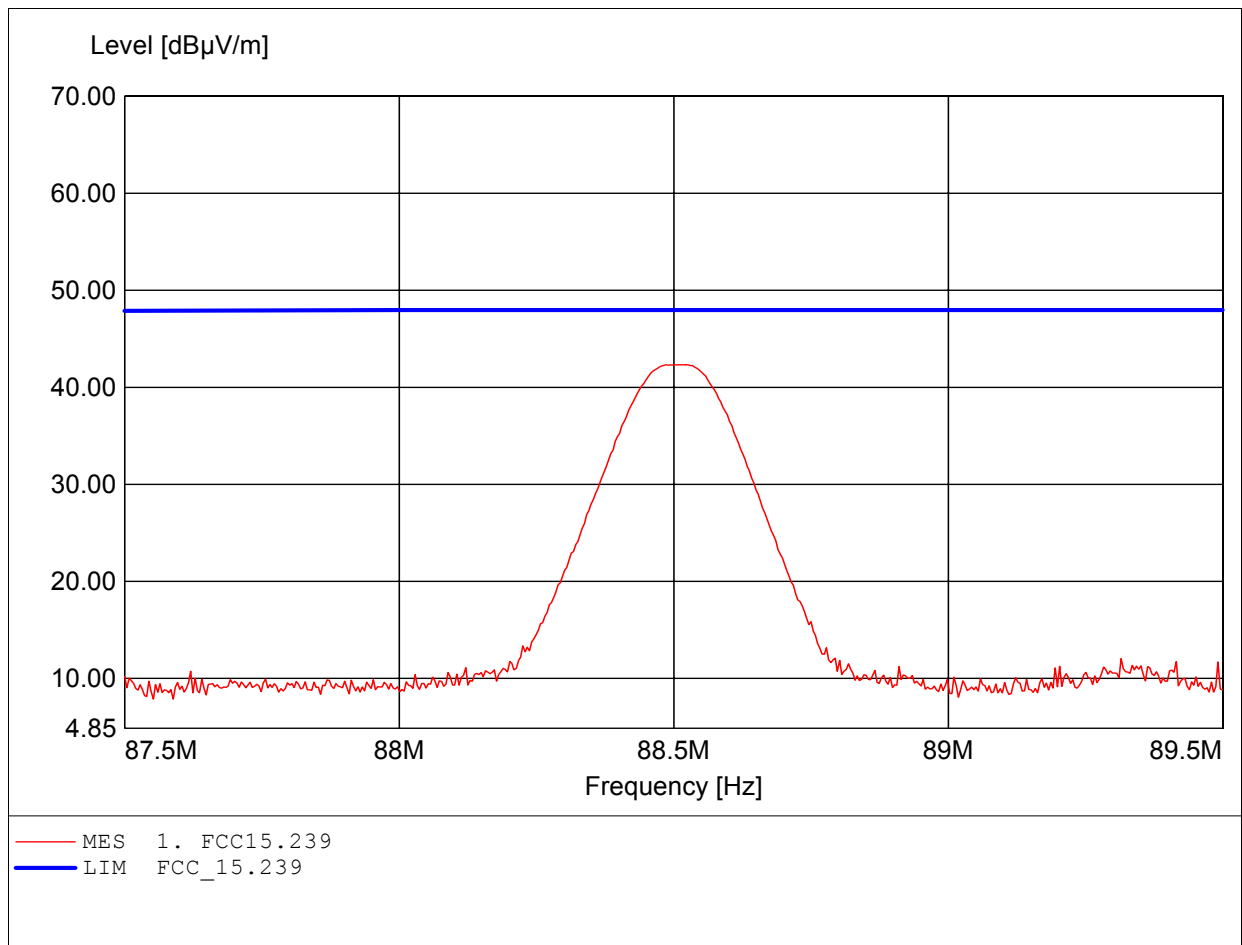
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH3
Approval Holder: SY SGRATION LTD.
Test Site / Operator: ETS / pierce peng
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.490MHz, Emax: 46.77dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

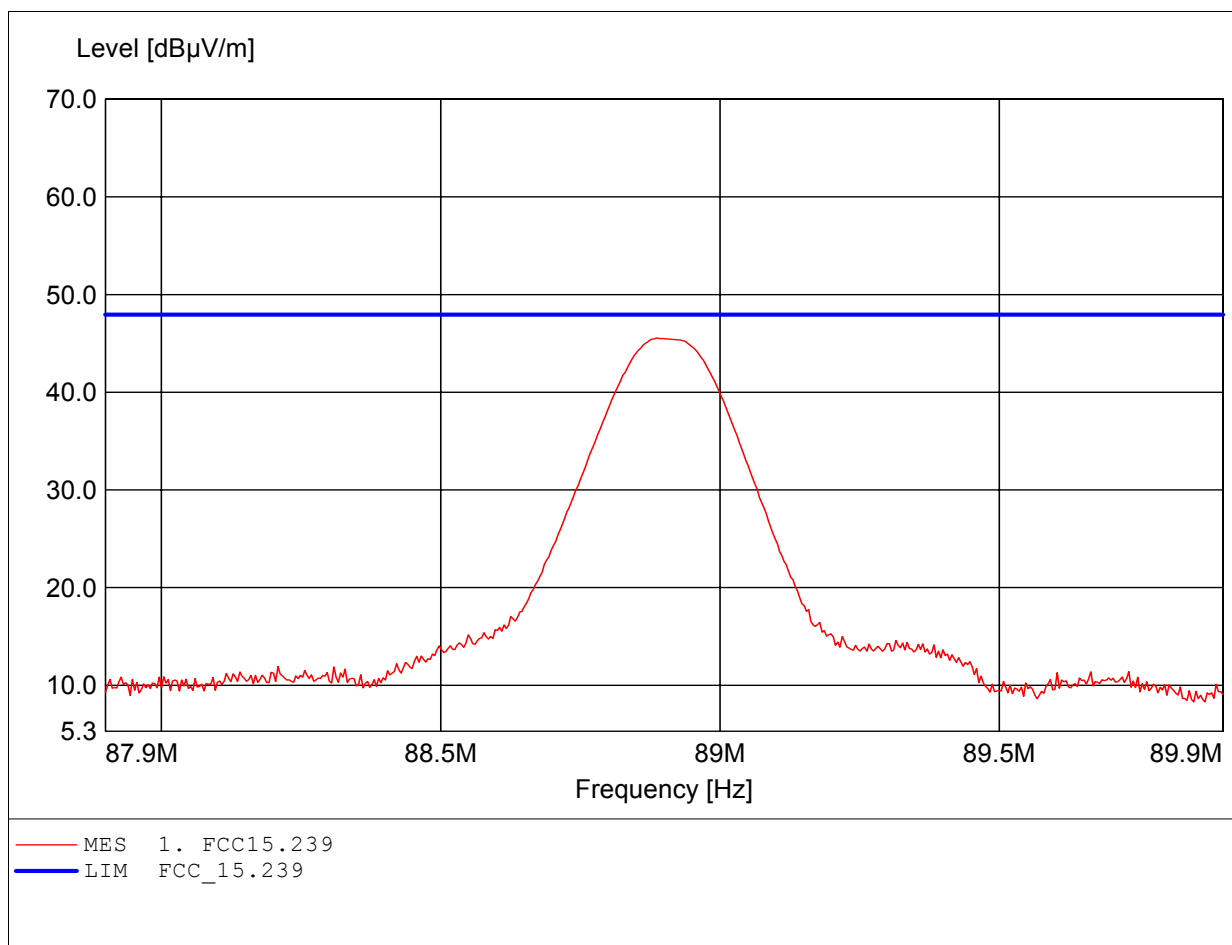
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH3
Approval Holder: SY SGRATION LTD.
Test Site / Operator: ETS / pierce peng
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.514MHz, Emax: 42.32dB μ V/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

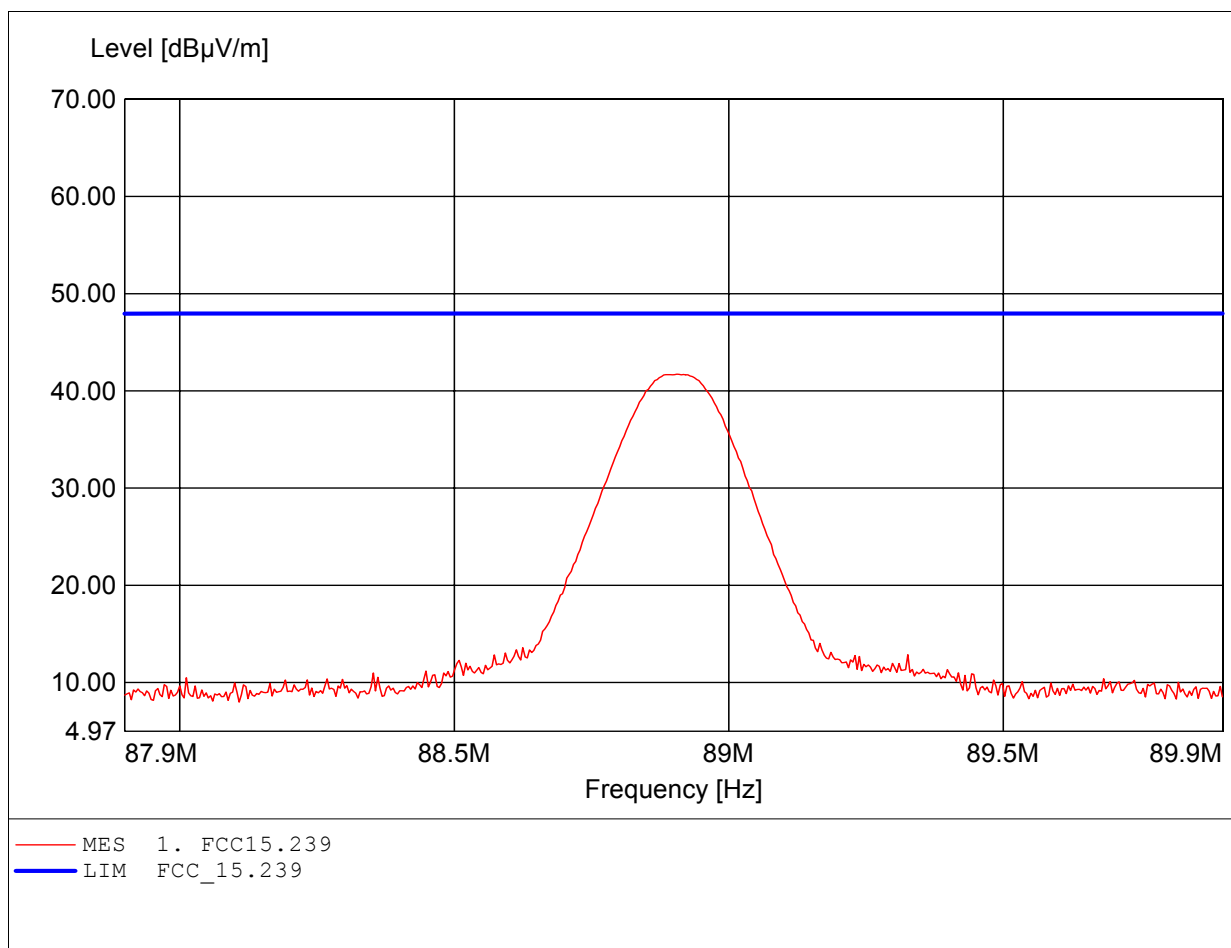
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH5
Approval Holder: SY SGRATION LTD.
Test Site / Operator: ETS / pierce peng
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.886MHz, Emax: 45.55dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH5
Approval Holder: SY SGRATION LTD.
Test Site / Operator: ETS / pierce peng
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.906MHz, Emax: 41.71dBµV/m, RBW: 100kHz





Registration number: W6M20405-5178-C-1
FCC ID: HQXFTR-2000

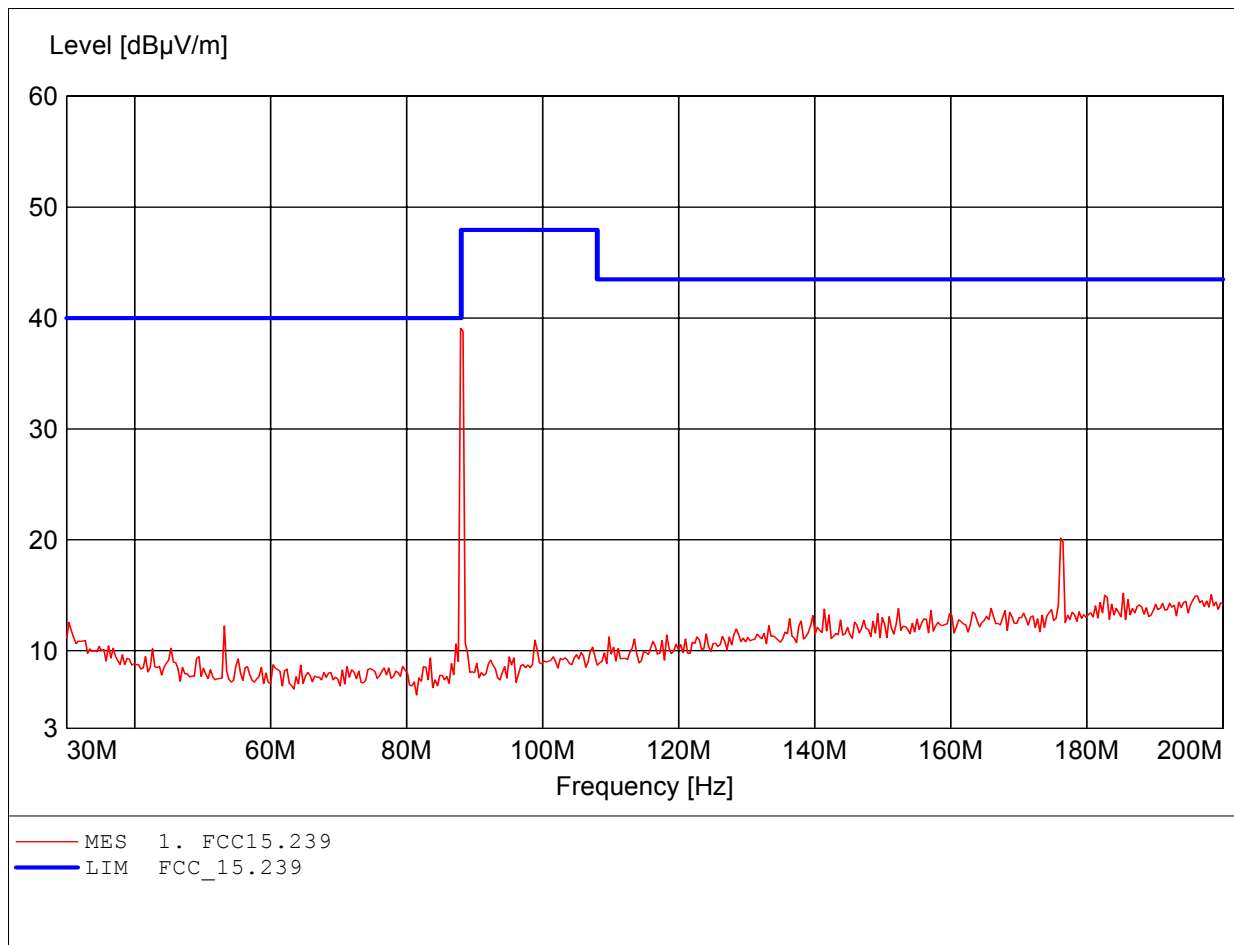
Appendix C

Spurious Emissions

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

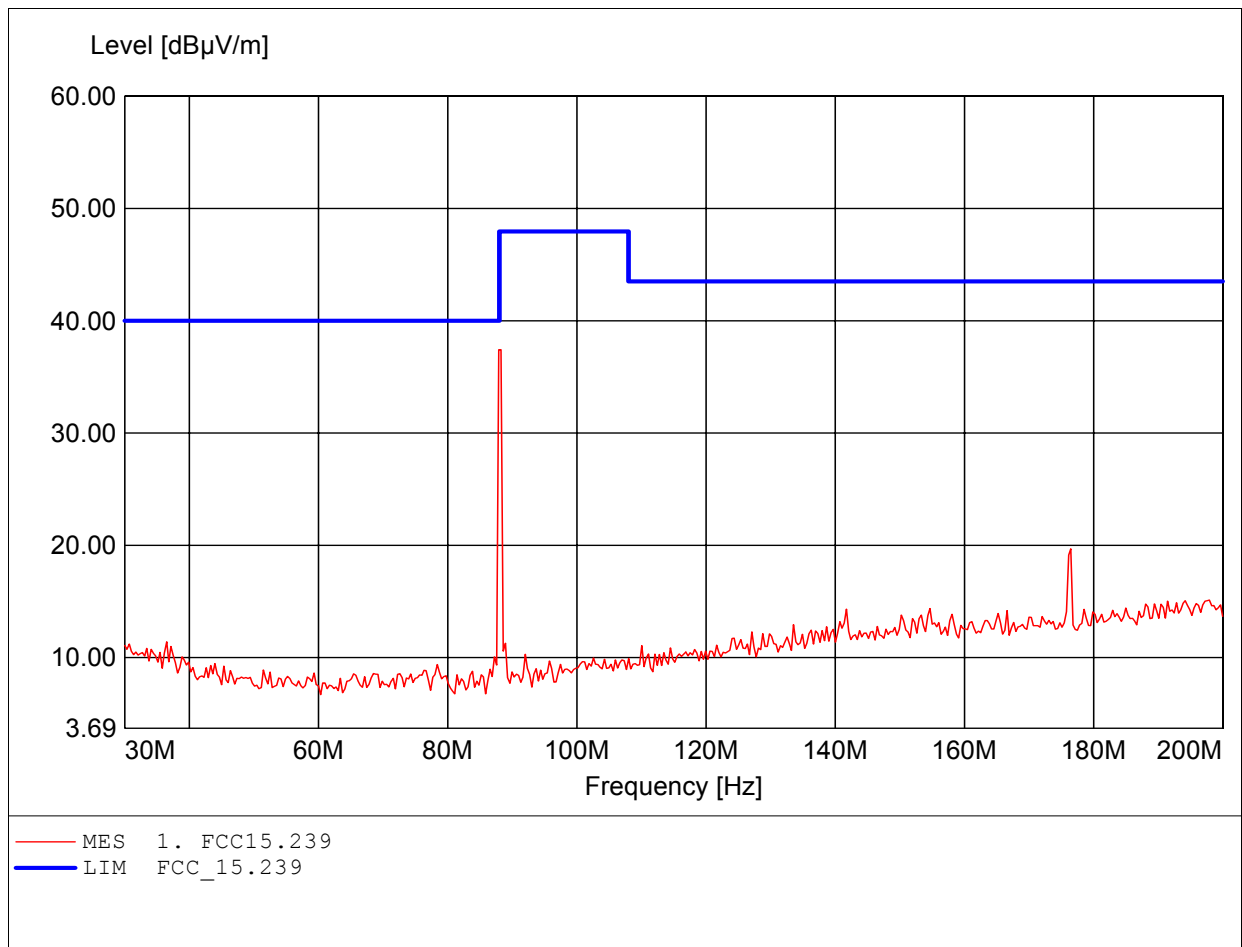
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH1
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 87.916MHz, Emax: 39.07dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

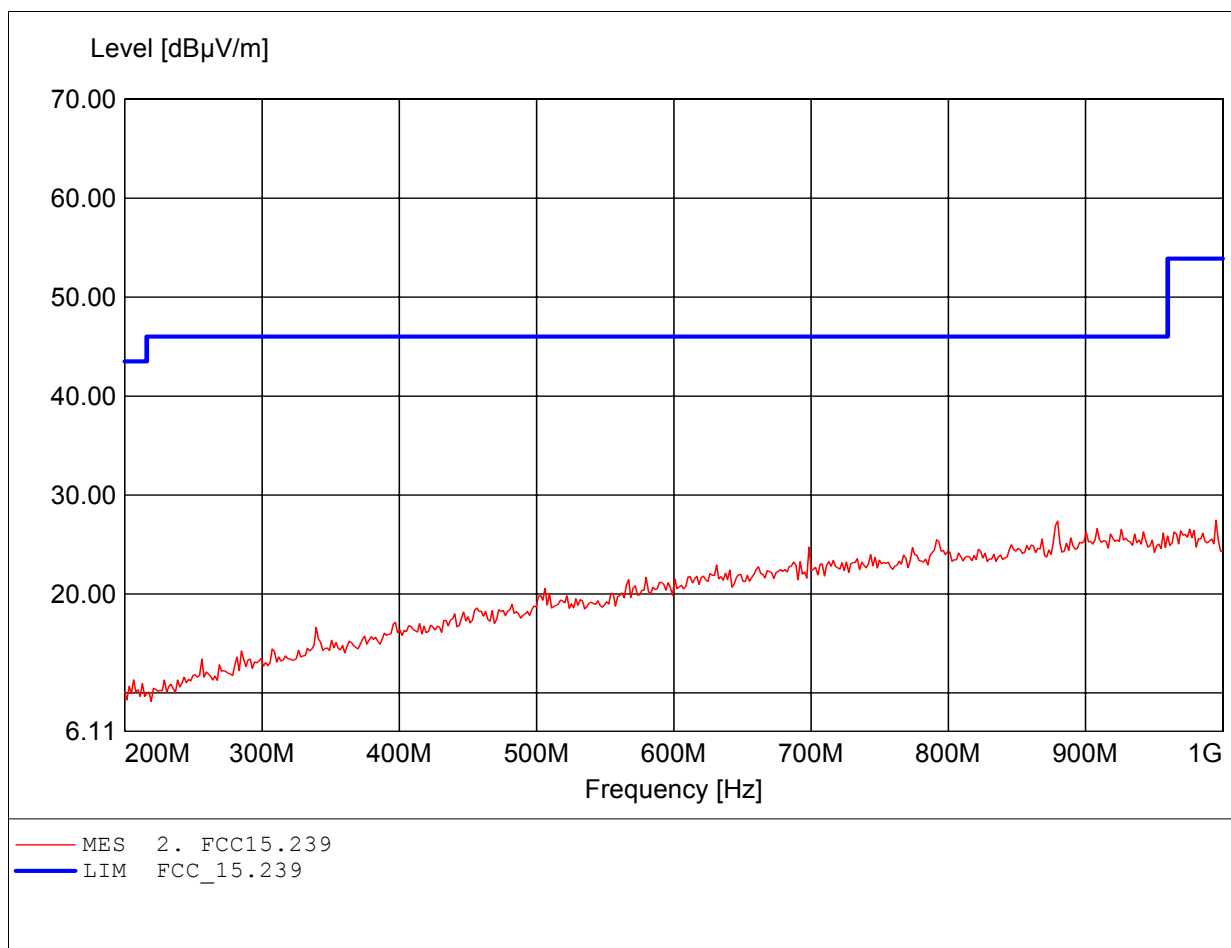
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH1
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 87.916MHz, Emax: 37.42dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

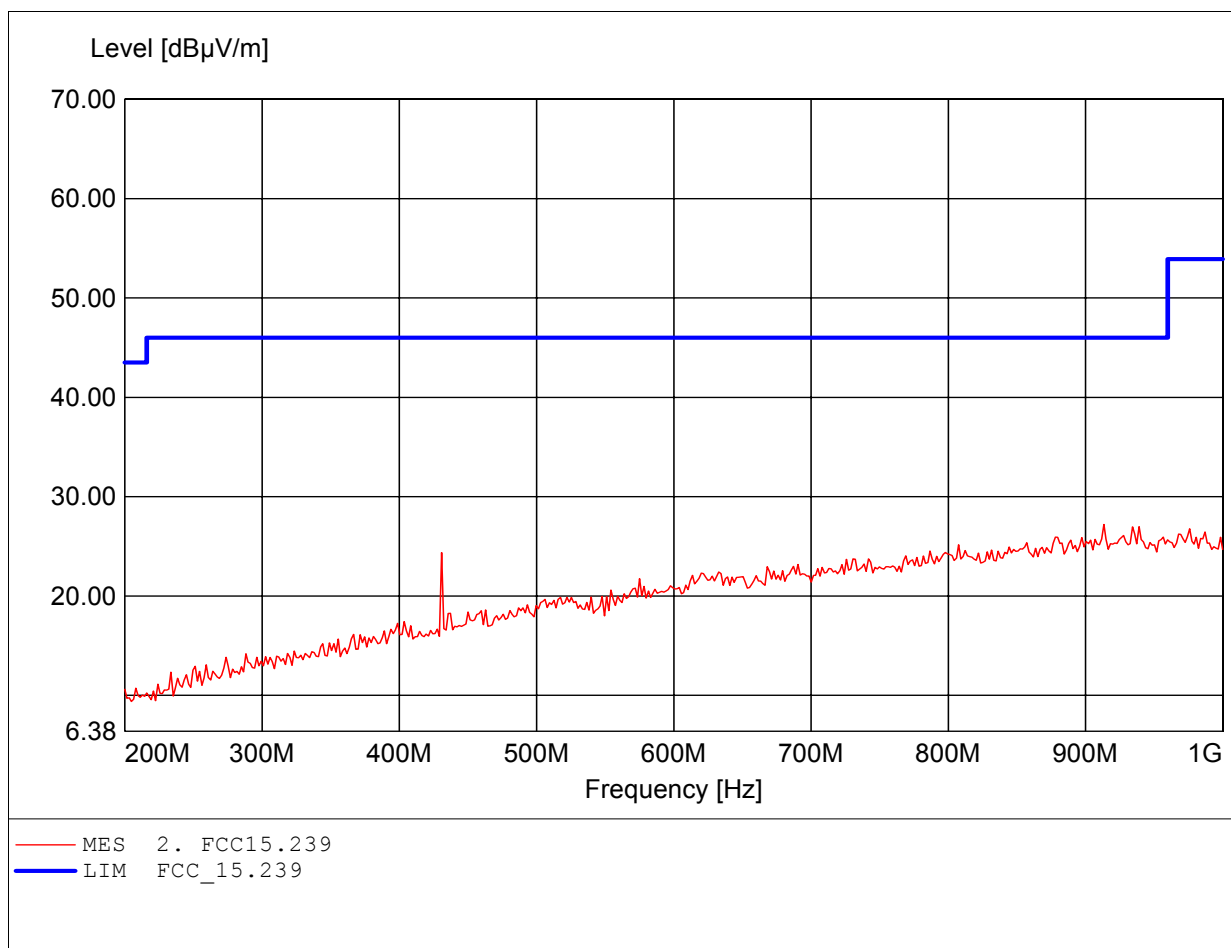
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH1
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HL 223, amplif.
Freq: 995.190MHz, Emax: 27.45dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

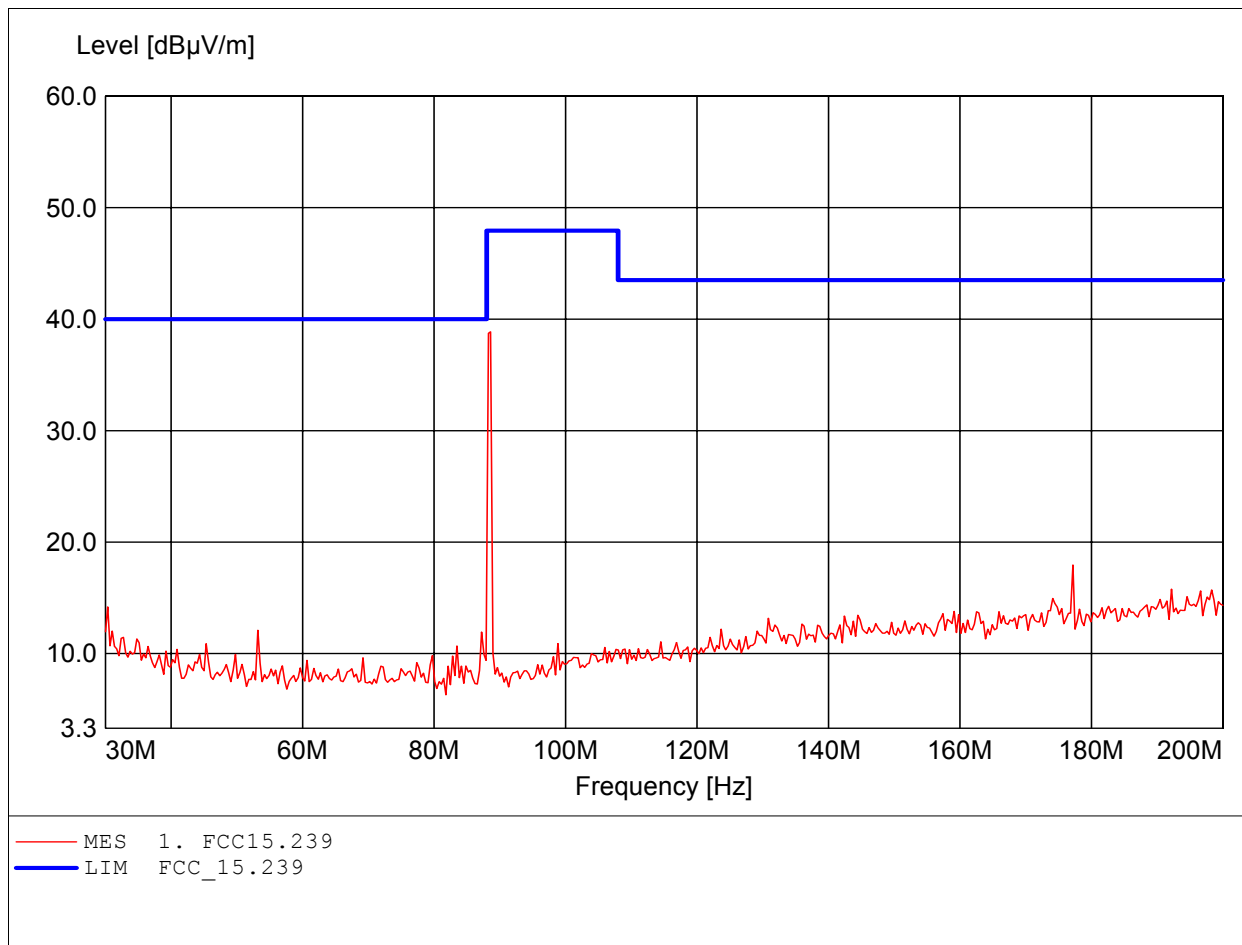
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH1
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HL 223, amplif.
Freq: 913.427MHz, Emax: 27.18dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

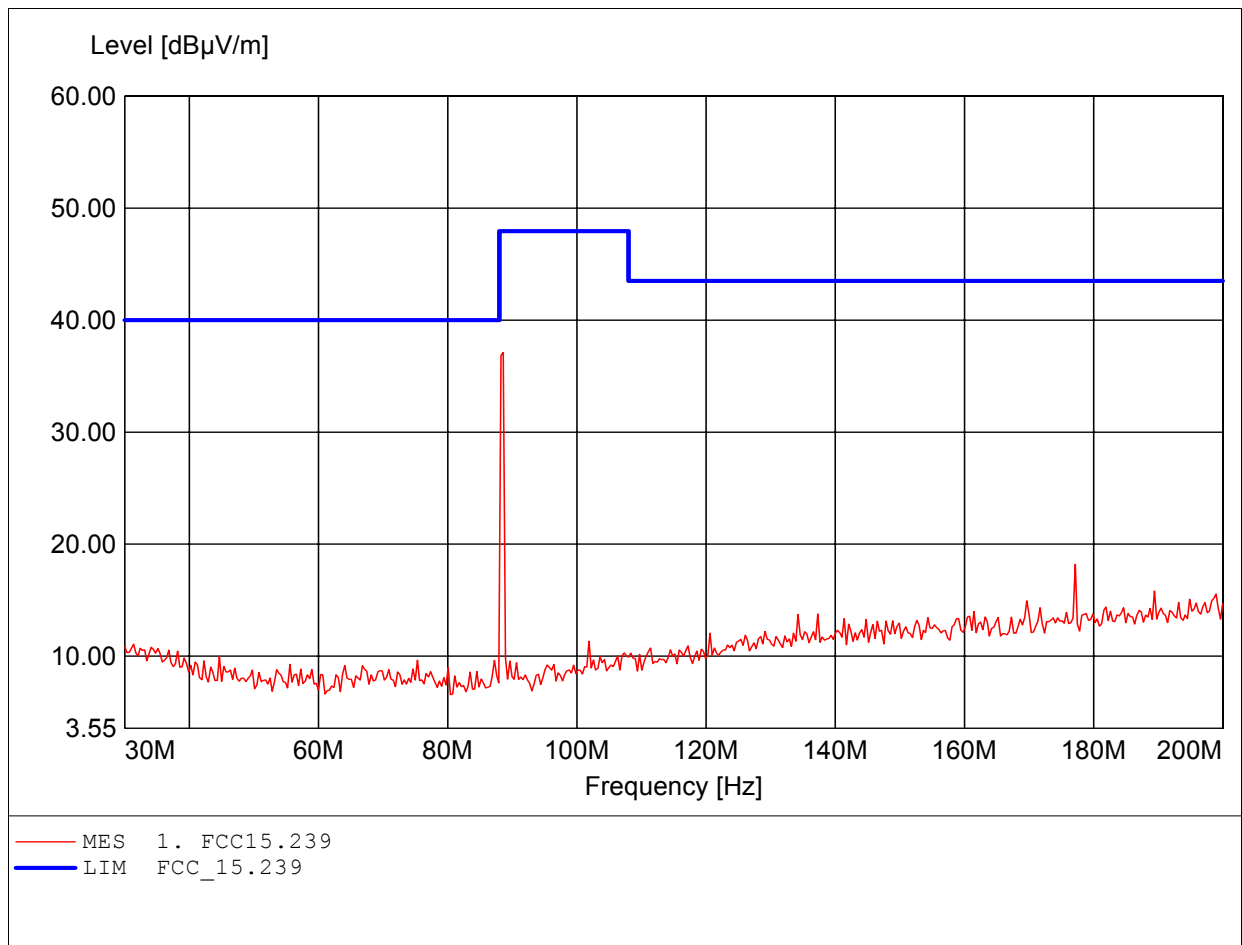
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH3
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.597MHz, Emax: 38.87dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

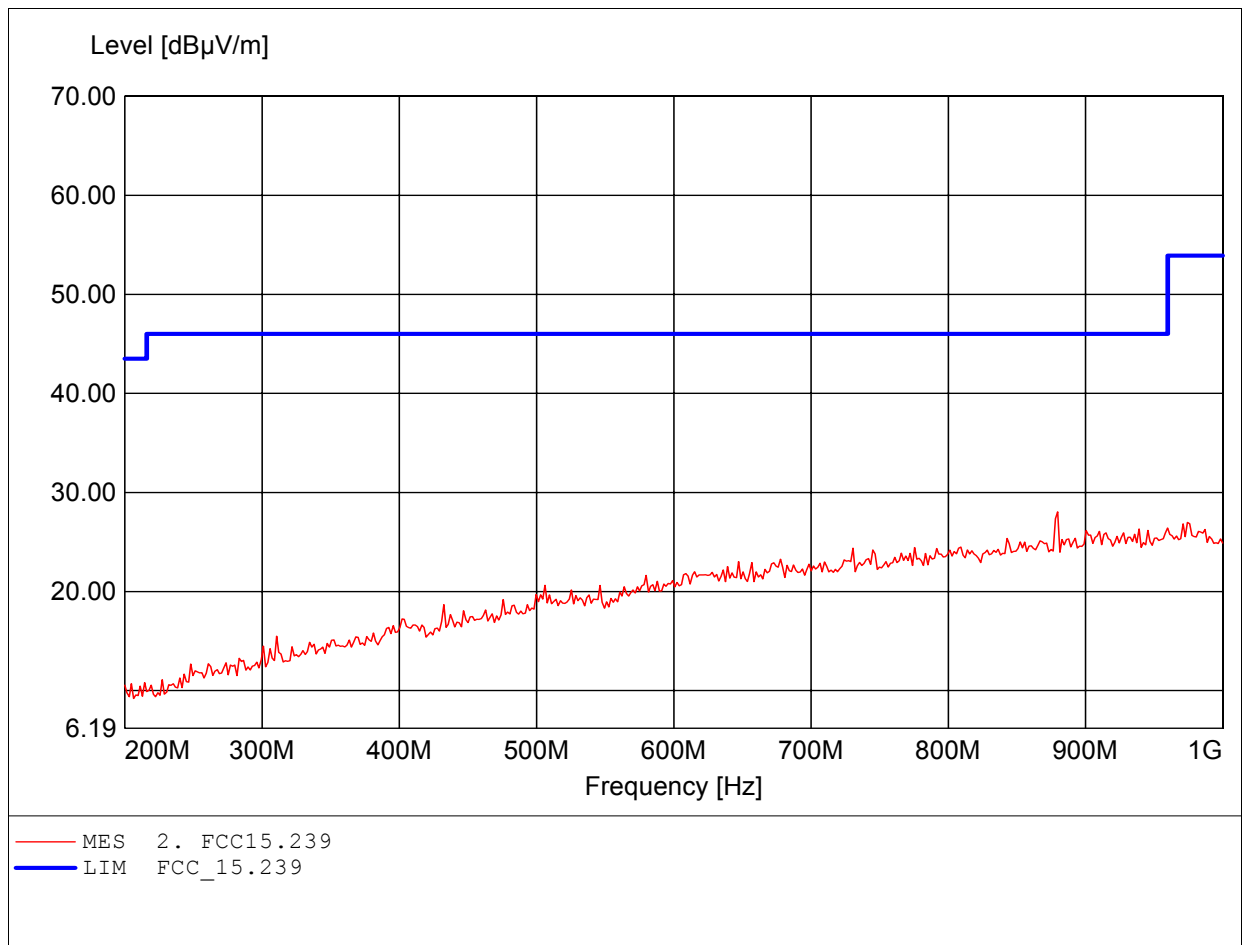
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH3
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.597MHz, Emax: 37.11dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

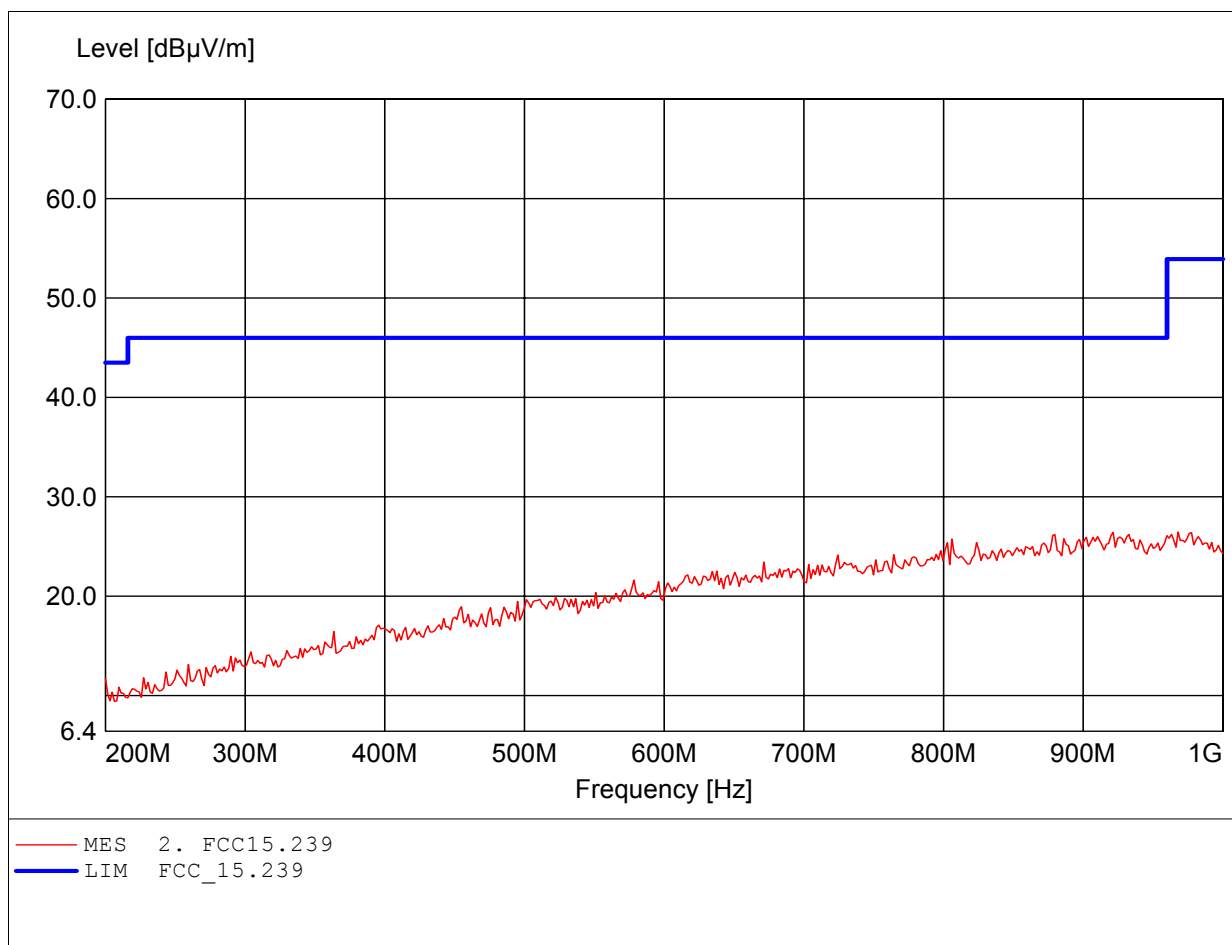
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH3
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HL 223, amplif.
Freq: 879.760MHz, Emax: 28.03dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

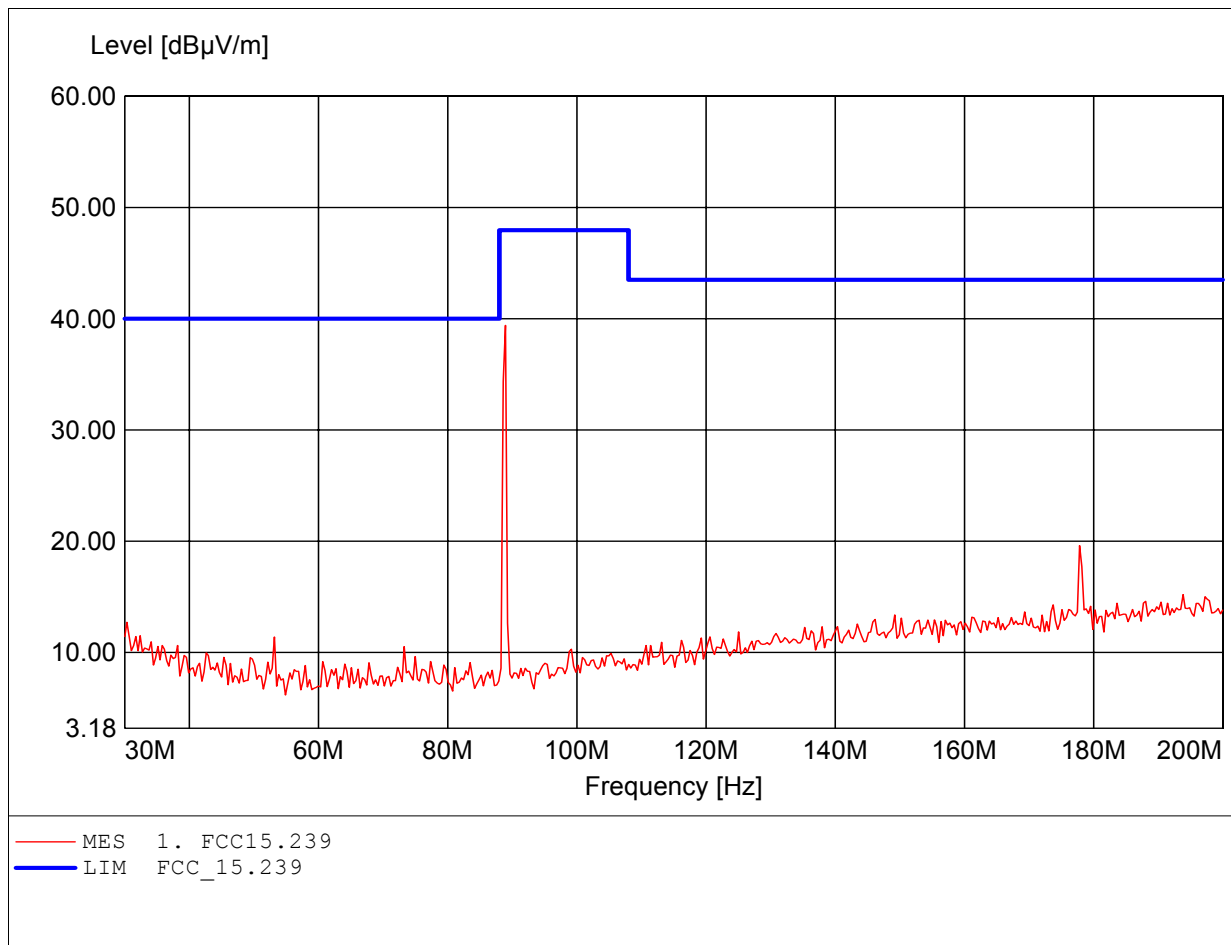
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH3
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HL 223, amplif.
Freq: 967.936MHz, Emax: 26.45dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

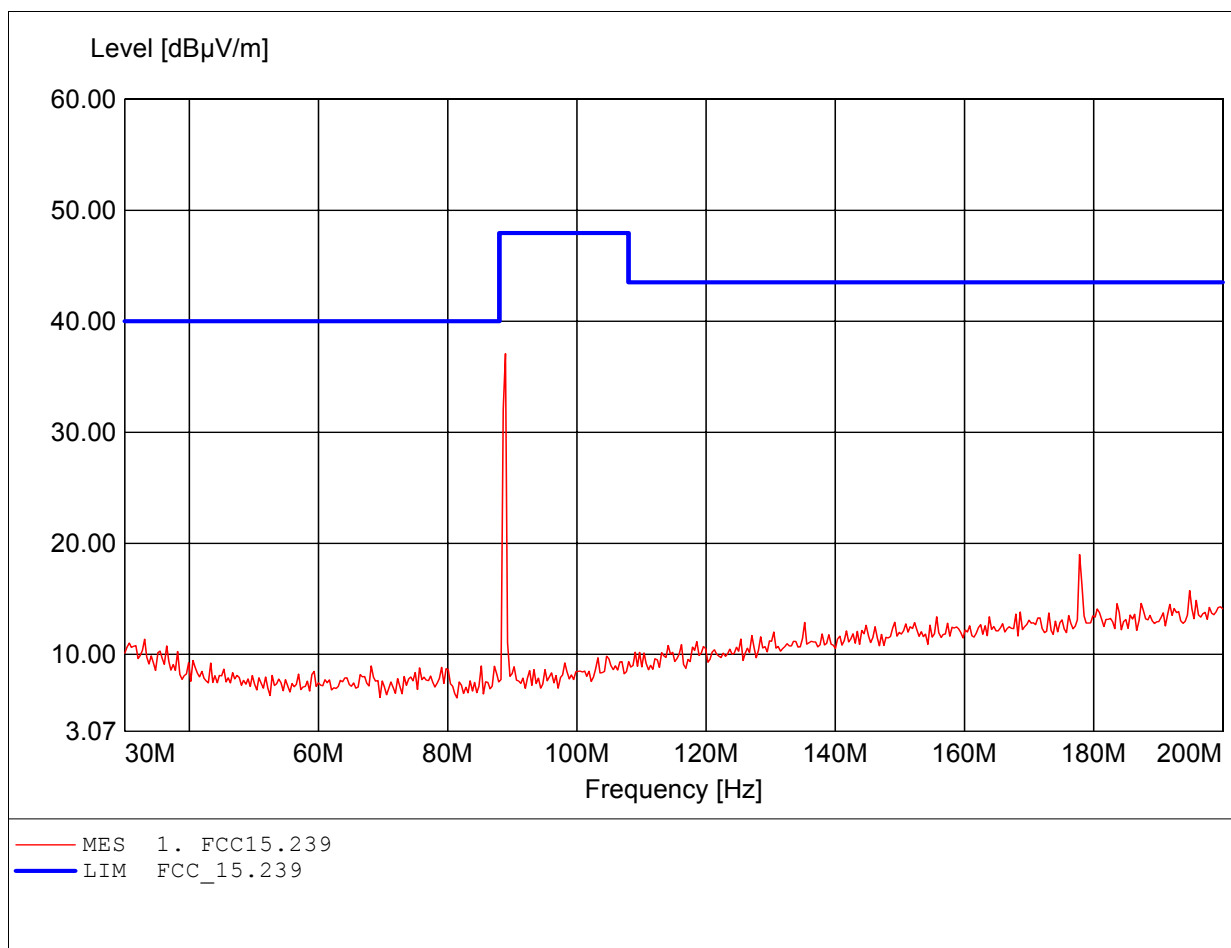
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH5
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.938MHz, Emax: 39.39dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

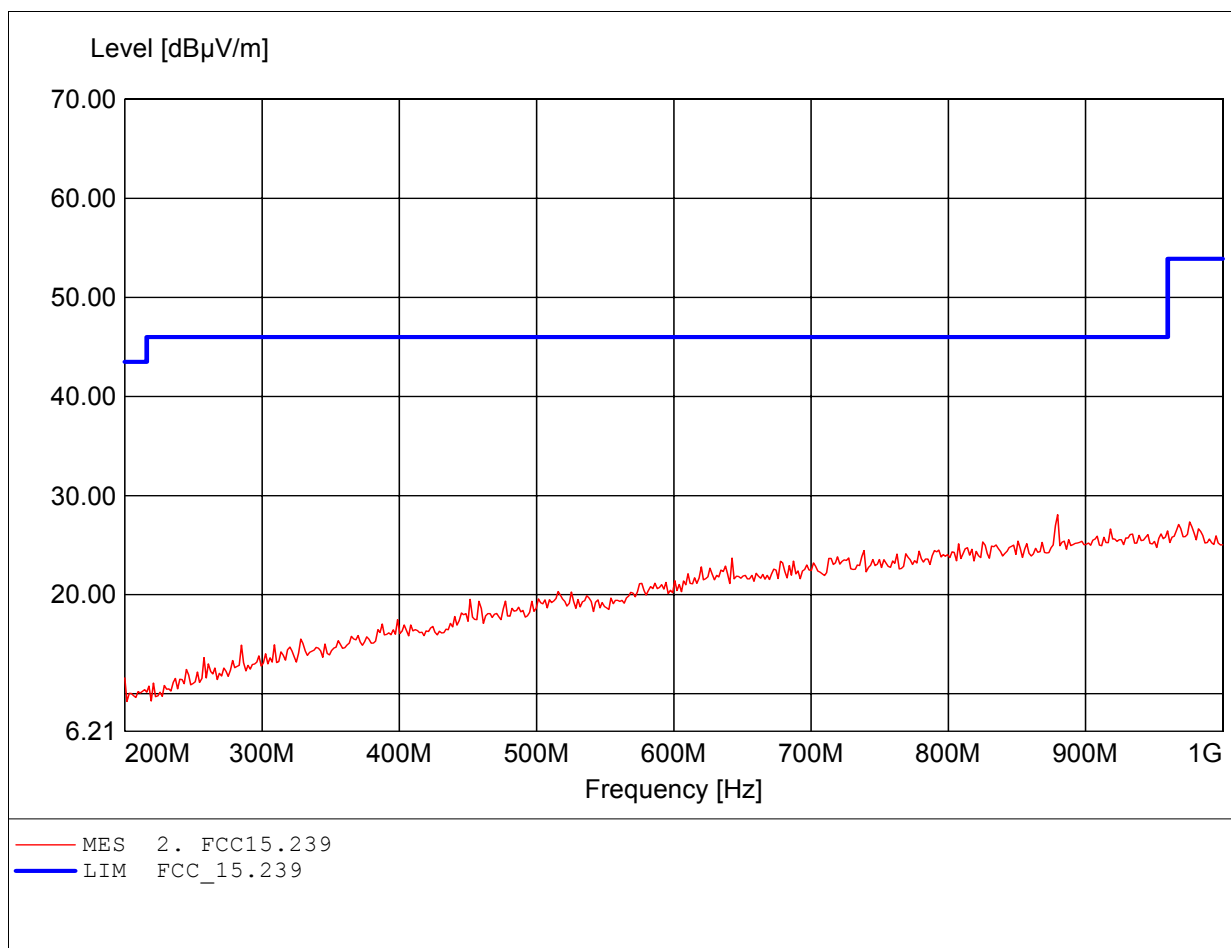
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH5
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HK 116
Freq: 88.938MHz, Emax: 37.08dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

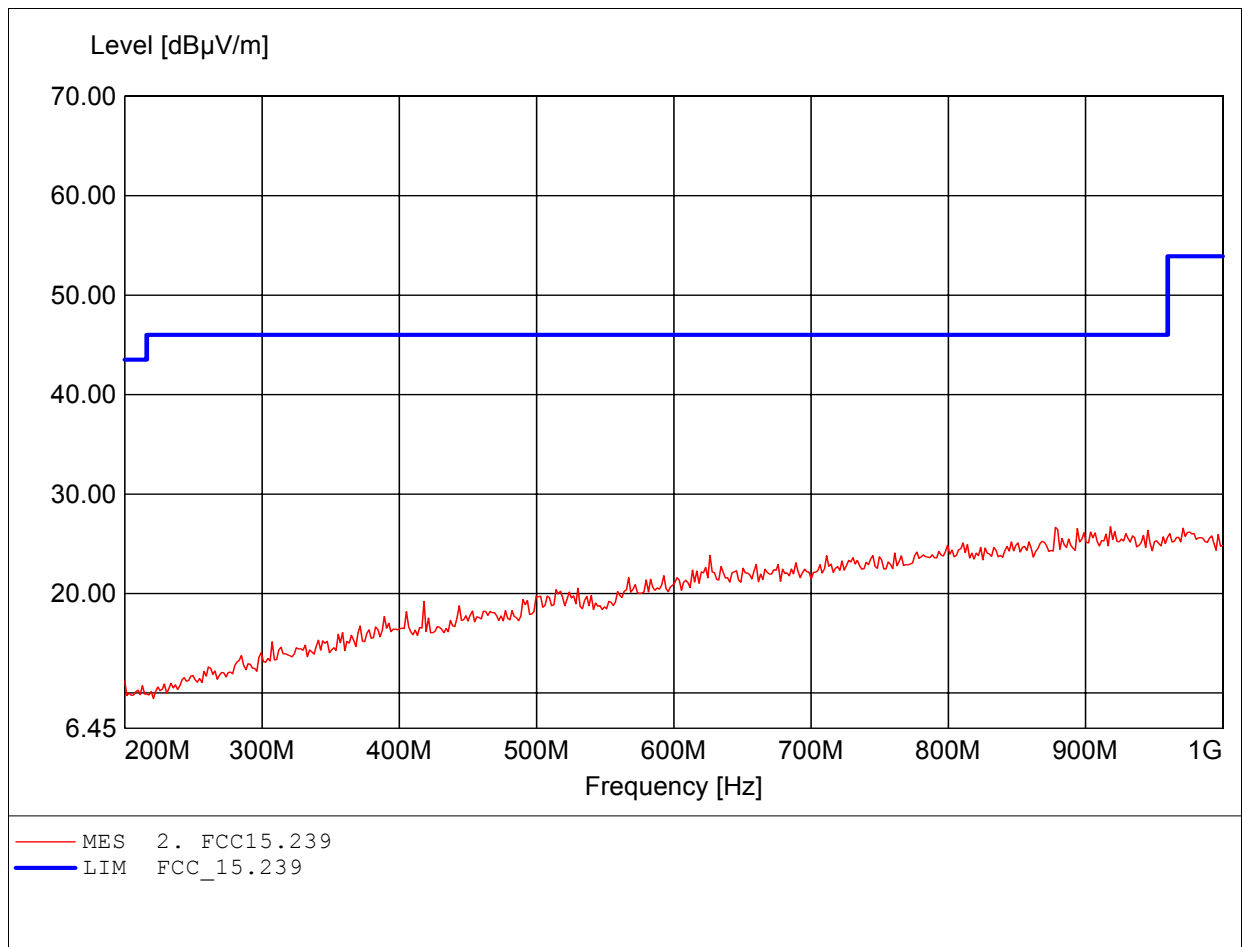
EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH5
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HL 223, amplif.
Freq: 879.760MHz, Emax: 28.07dBµV/m, RBW: 100kHz

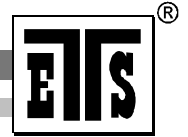


Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: Wireless FM Modulator with DIP Switch
Model: FTR-2000 CH5
Approval Holder: SYSGRATION LTD.
Test Site / Operator: ETS / PIERCE PENG
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to Section15.239
Dist.: 3m, Ant.: HL 223, amplif.
Freq: 918.236MHz, Emax: 26.71dBµV/m, RBW: 100kHz





Registration number: W6M20405-5178-C-1
FCC ID: HQXFTR-2000

Appendix D

Power Line Conducted Emission

---Not applicable for vehicular battery operated devices.



Registration number: W6M20405-5178-C-1
FCC ID: HQXFTR-2000

Appendix E

Pictures