

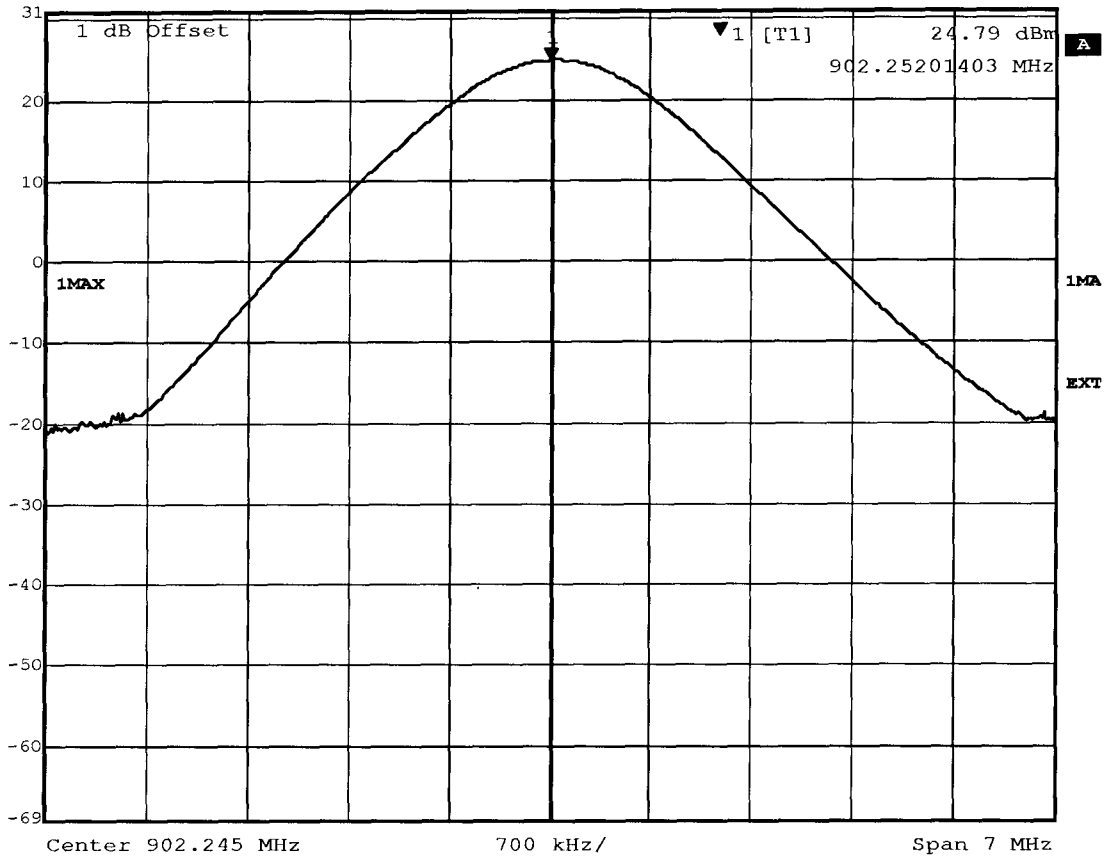


Appendix B

Peak Output Power



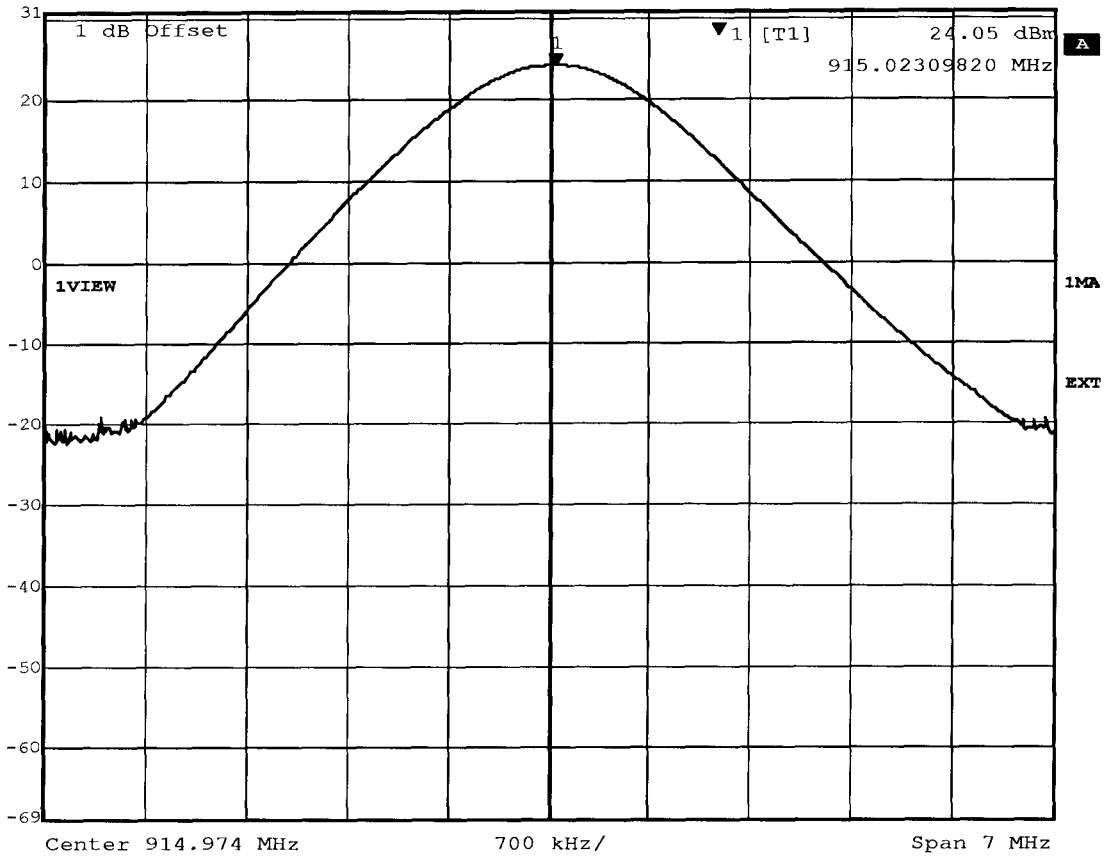
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 24.79 dBm VBW 1 MHz
31 dBm 902.25201403 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0 U=nom
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:03:22



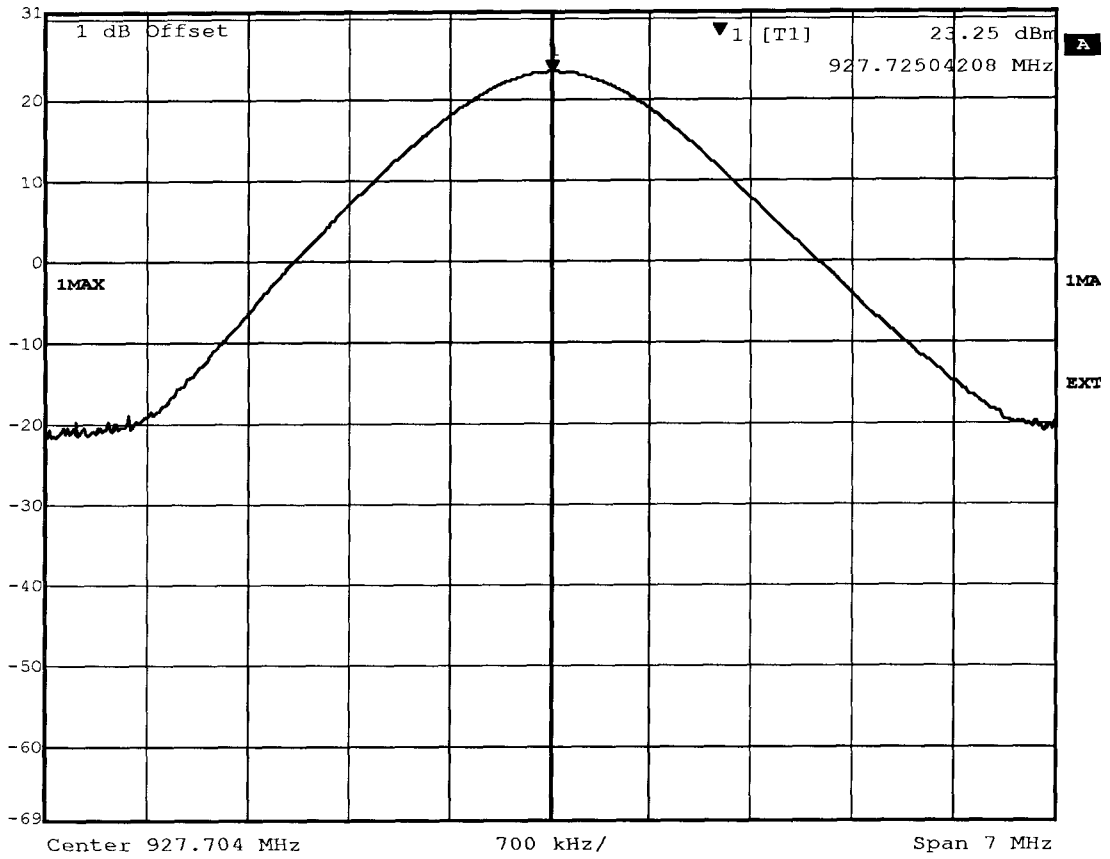
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 24.05 dBm VBW 1 MHz
31 dBm 915.02309820 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 26 U=nom
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:42:02



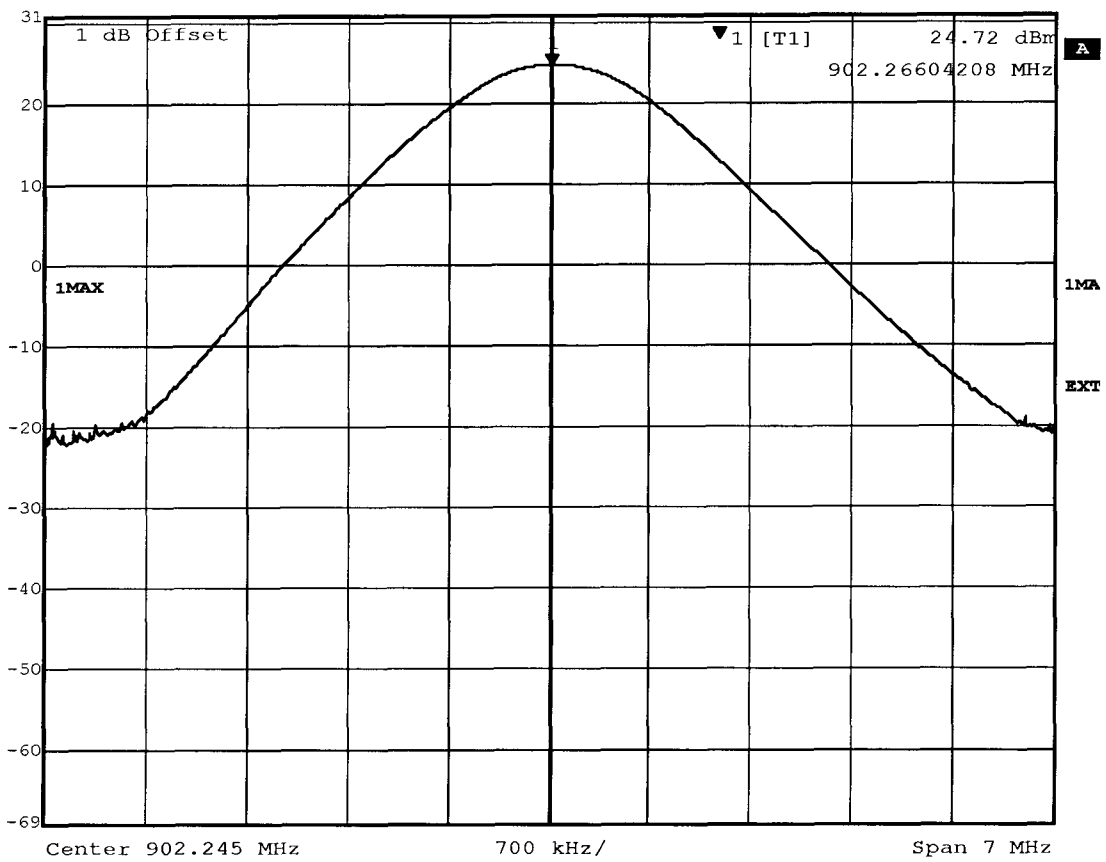
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 23.25 dBm VBW 1 MHz
31 dBm 927.72504208 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 52 U=nom
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:51:16



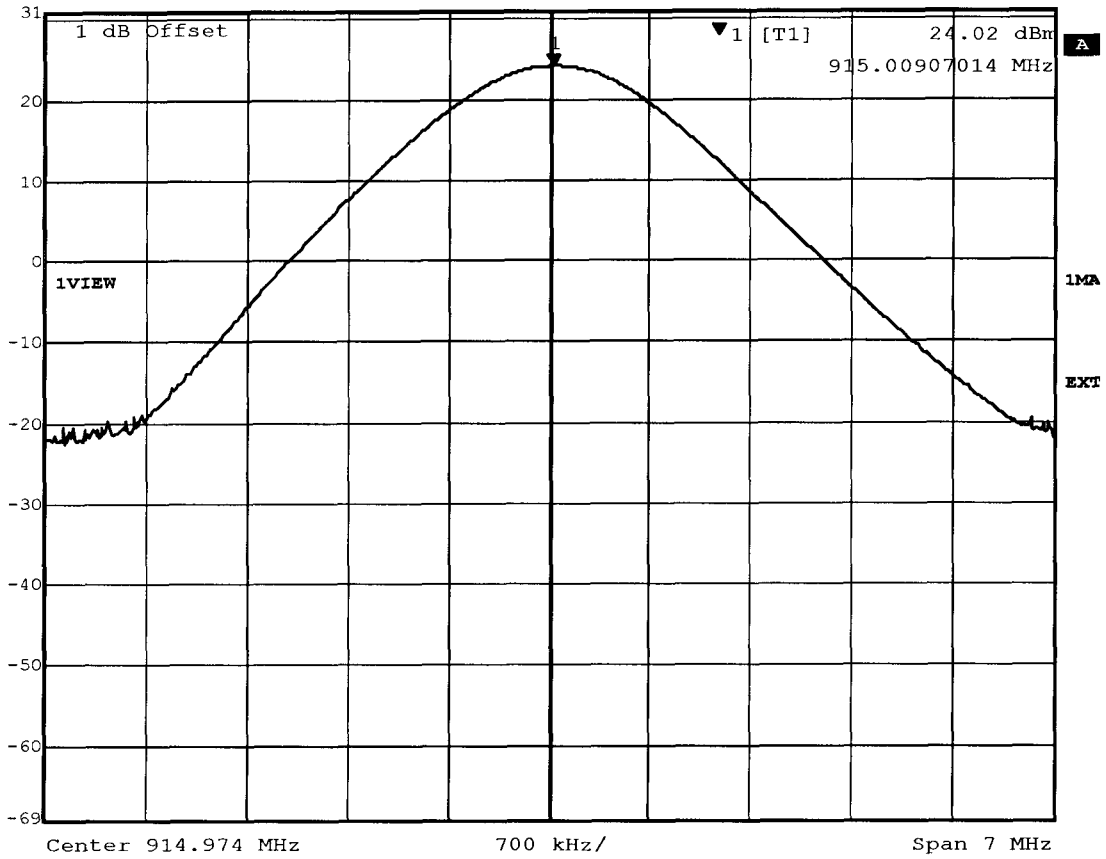
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 24.72 dBm VBW 1 MHz
31 dBm 902.26604208 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0 U=min
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:04:22



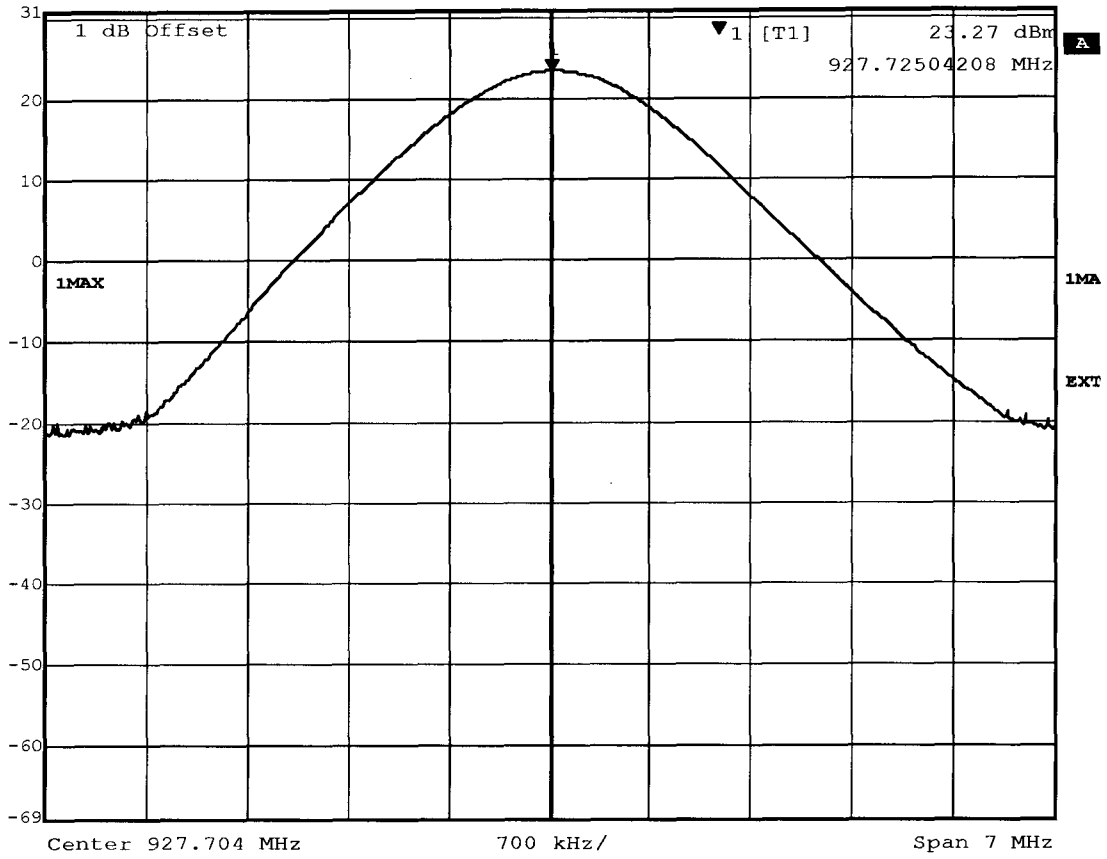
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 24.02 dBm VBW 1 MHz
31 dBm 915.00907014 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 26 U=min
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:43:19



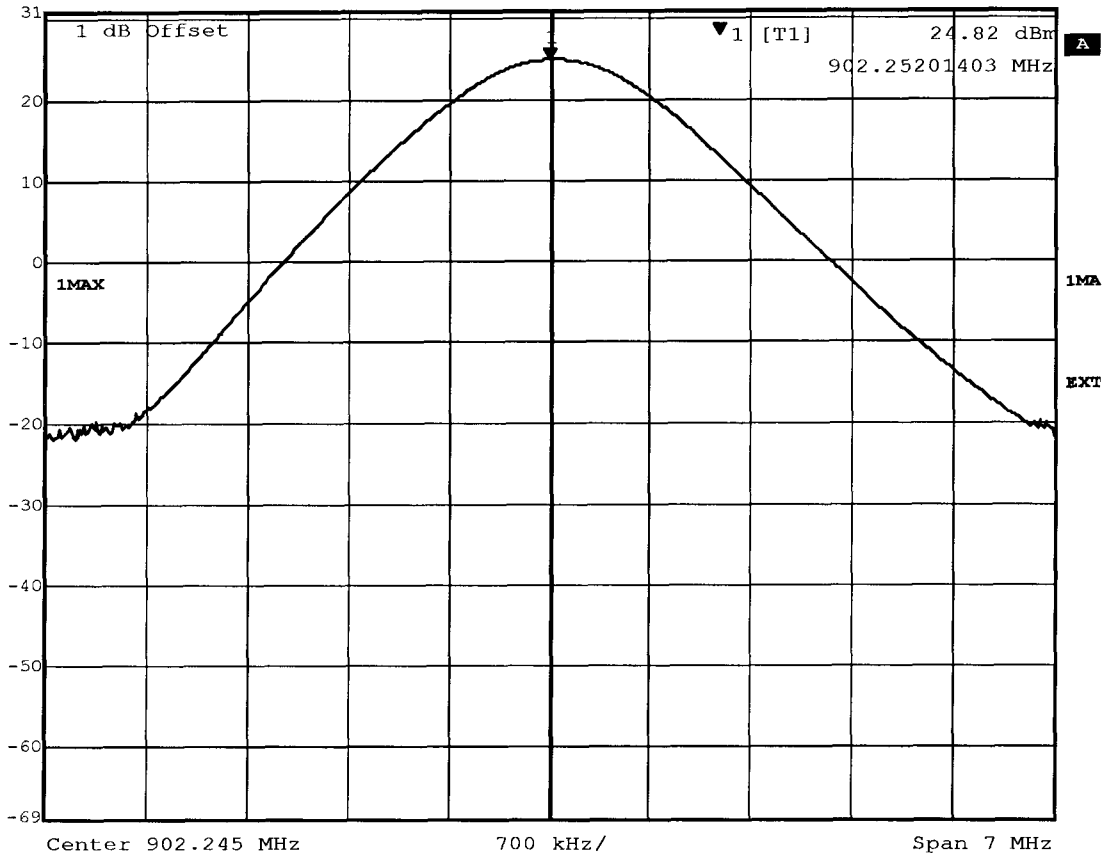
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 23.27 dBm VBW 1 MHz
31 dBm 927.72504208 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 52 U=min
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:53:27



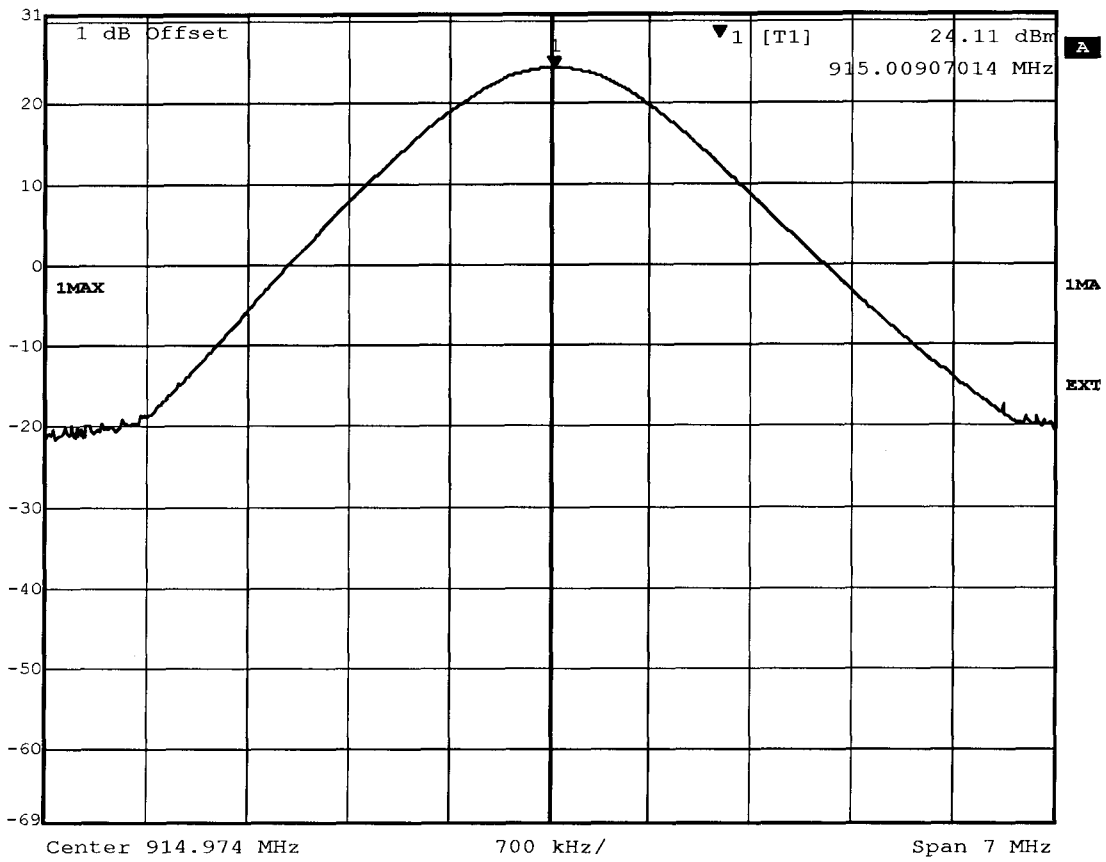
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 24.82 dBm VBW 1 MHz
31 dBm 902.25201403 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0 U=max
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:05:24



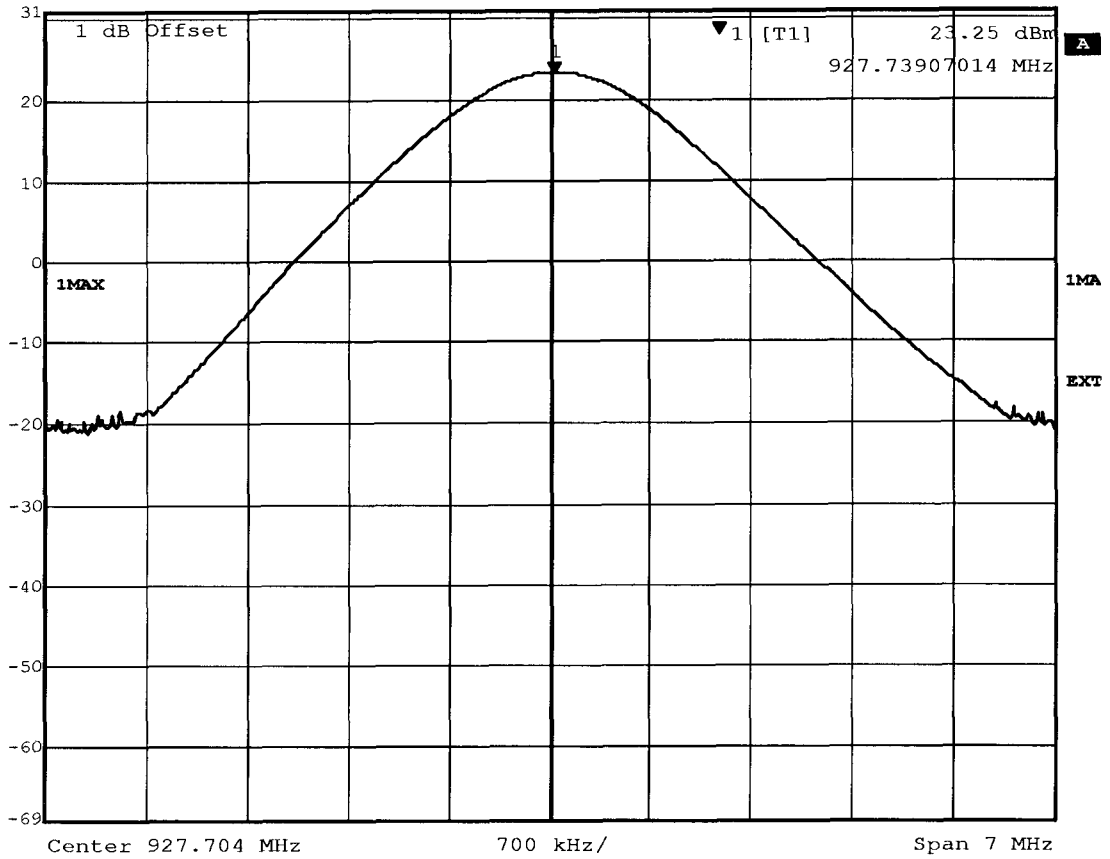
Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 24.11 dBm VBW 1 MHz
31 dBm 915.00907014 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 26 U=max
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:44:46



Marker 1 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 23.25 dBm VBW 1 MHz
31 dBm 927.73907014 MHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 52 U=max
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 12:50:08



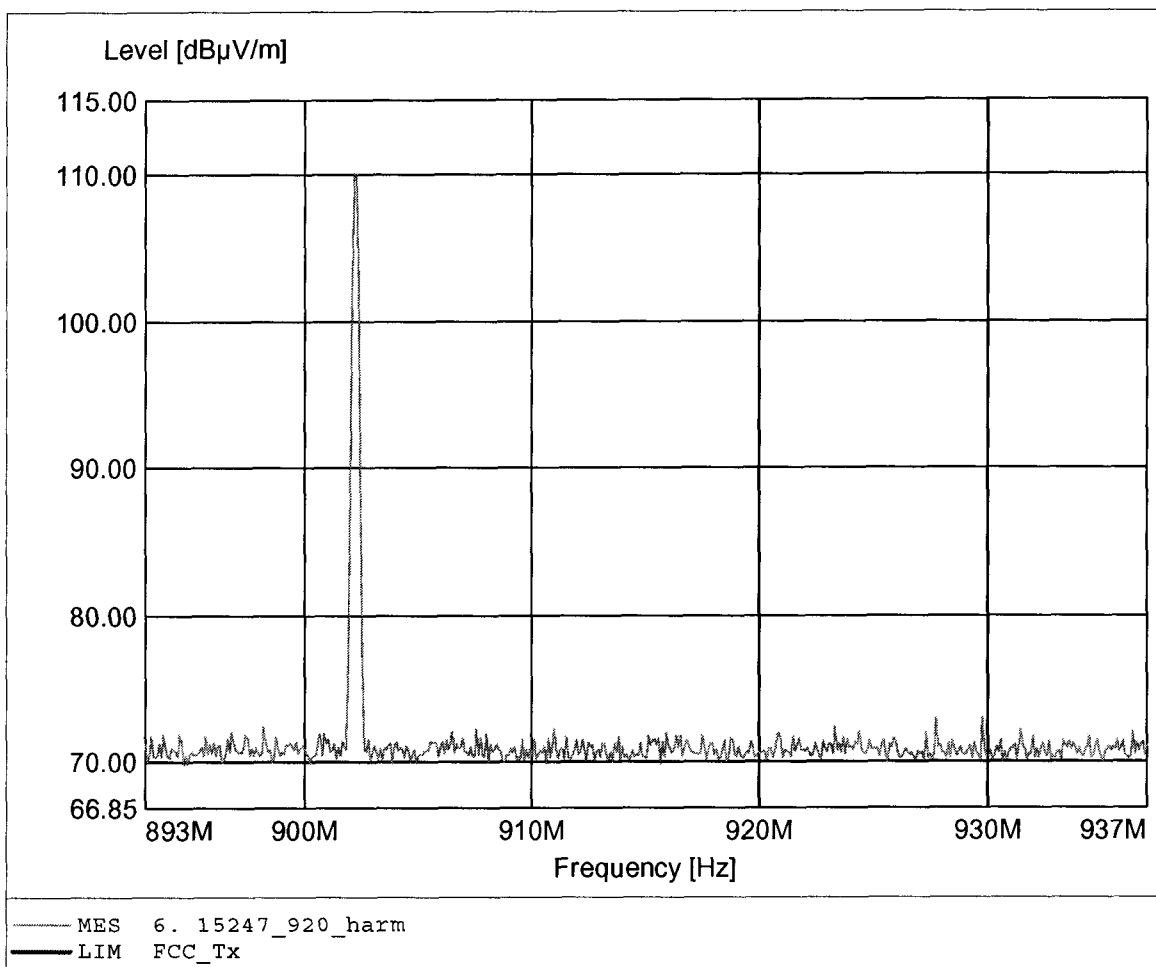
Appendix C

Spurious Emissions radiated - Transmitter operating

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

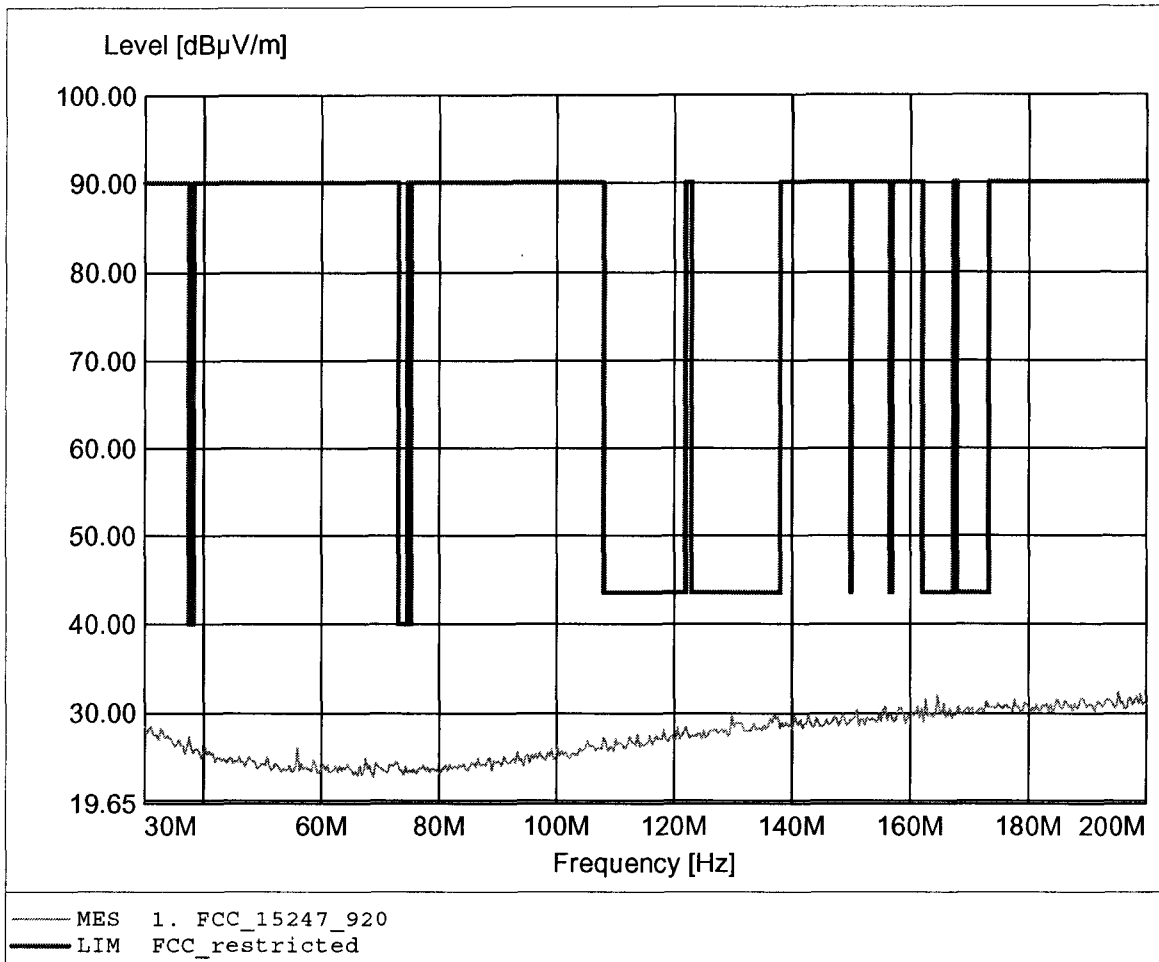
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 902.170MHz, Emax: 110.06dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

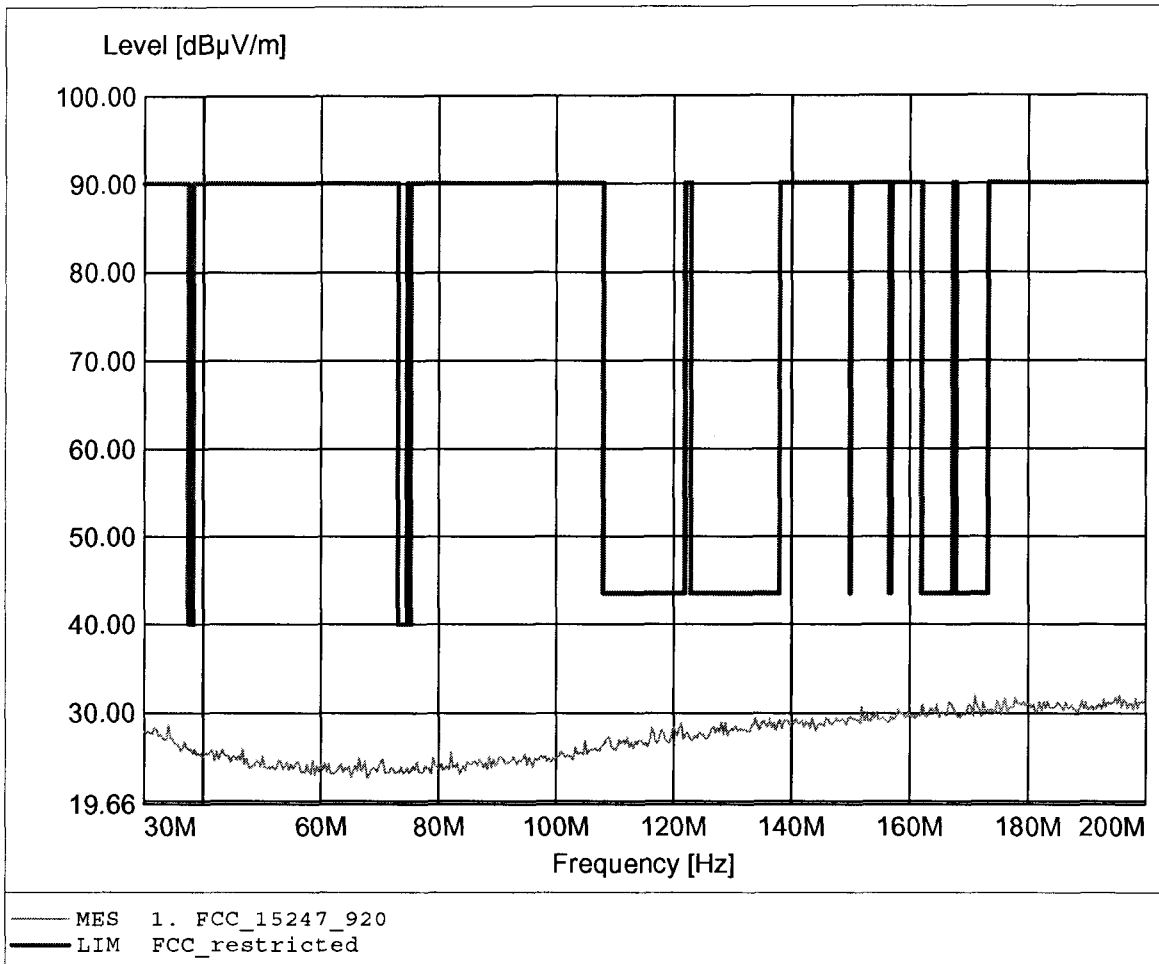
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.230MHz, Emax: 32.44dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

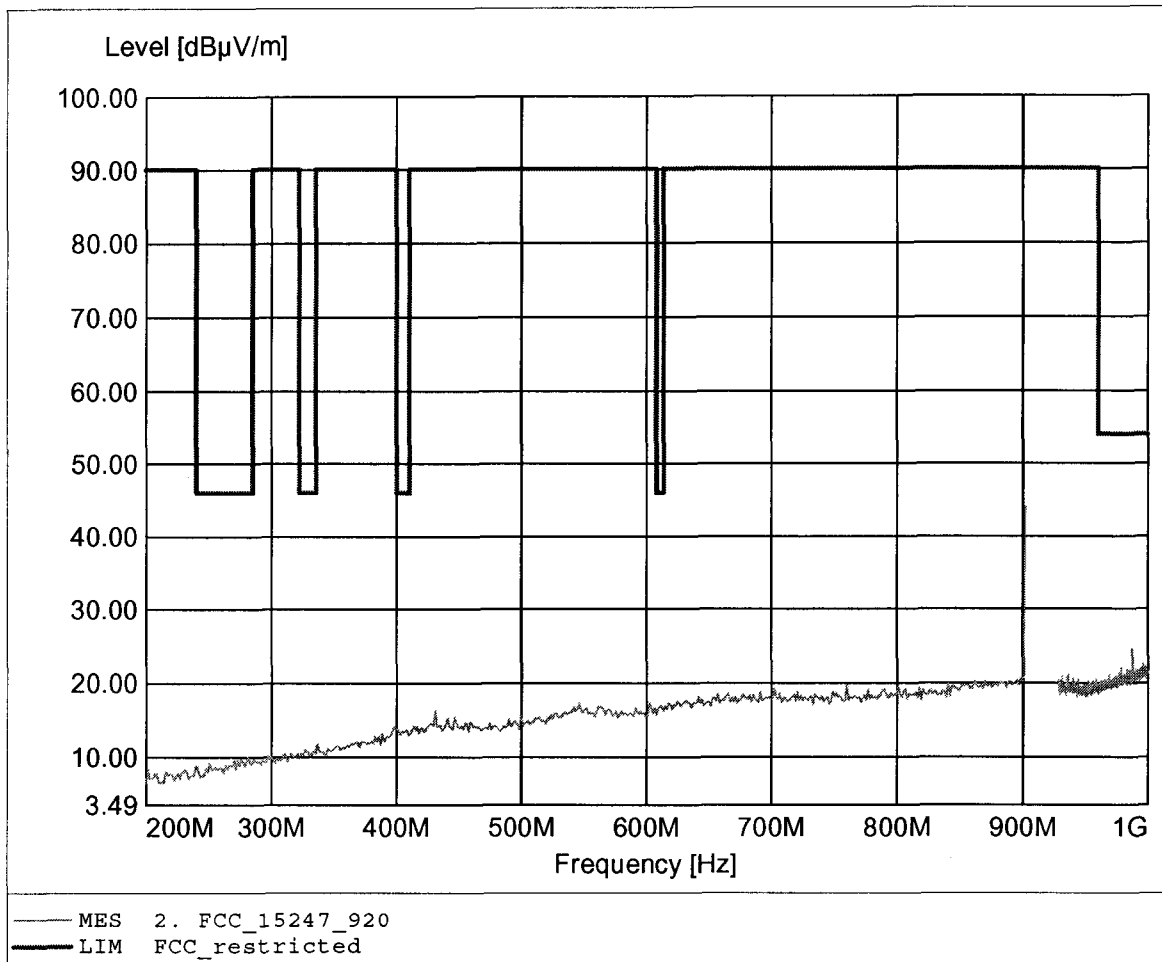
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.571MHz, Emax: 32.04dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

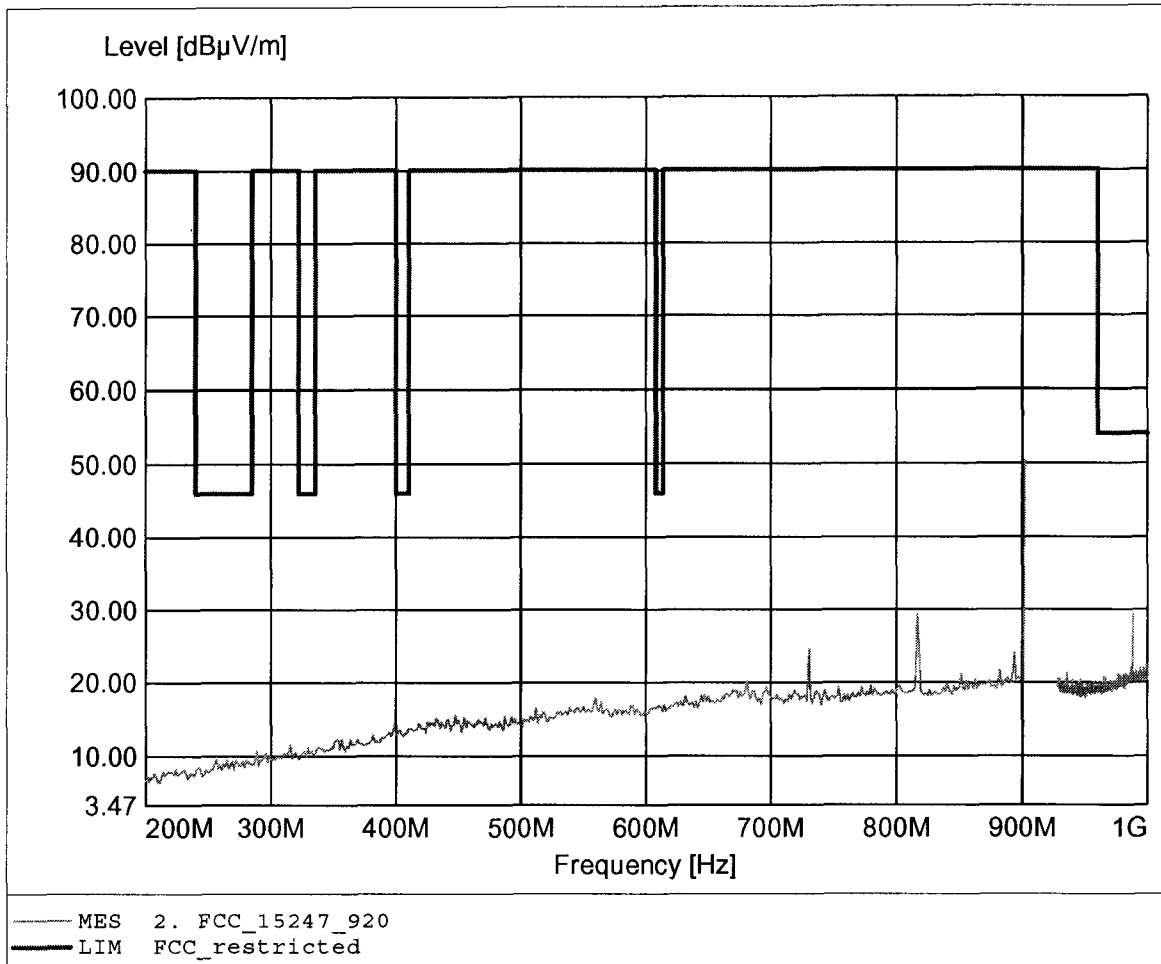
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 902.000MHz, Emax: 44.08dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

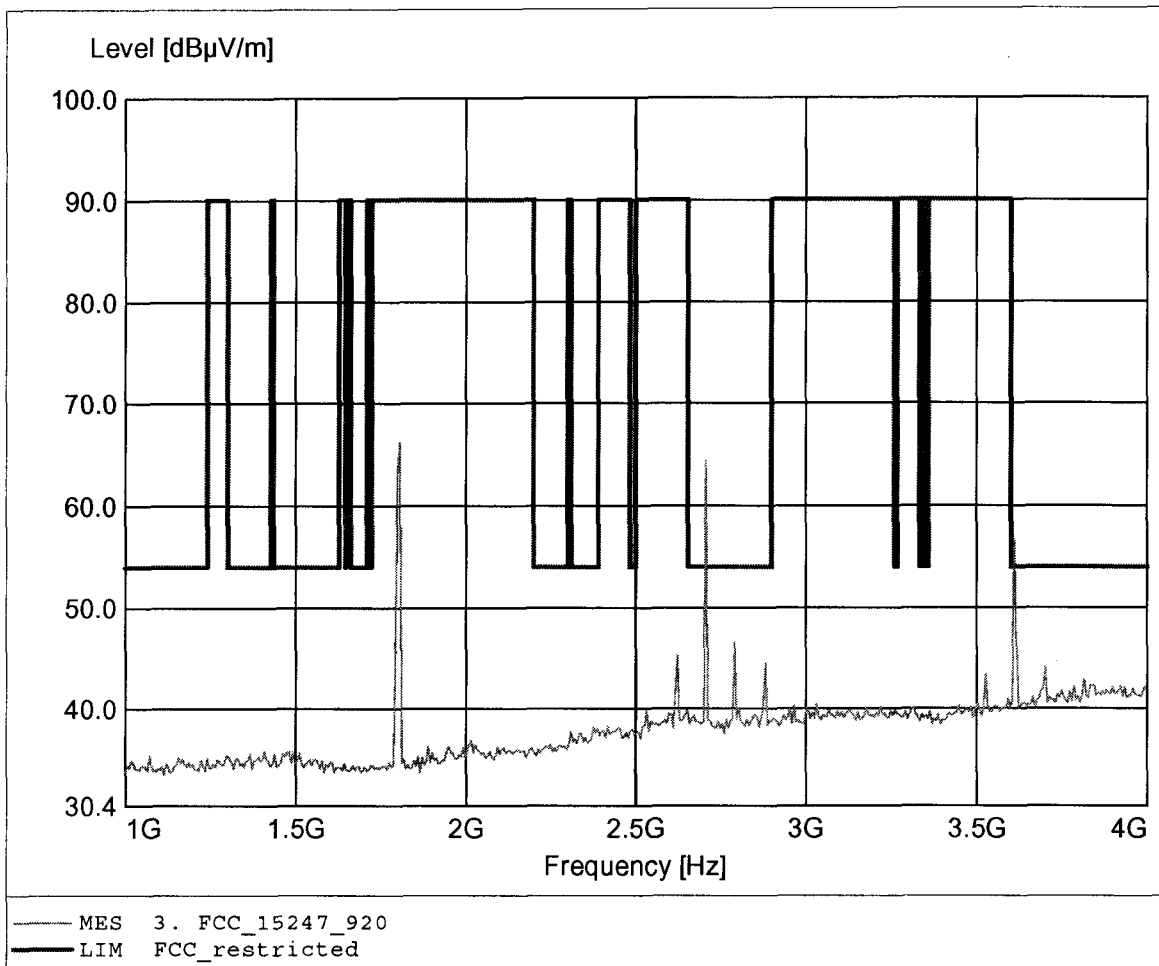
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 902.000MHz, Emax: 50.39dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

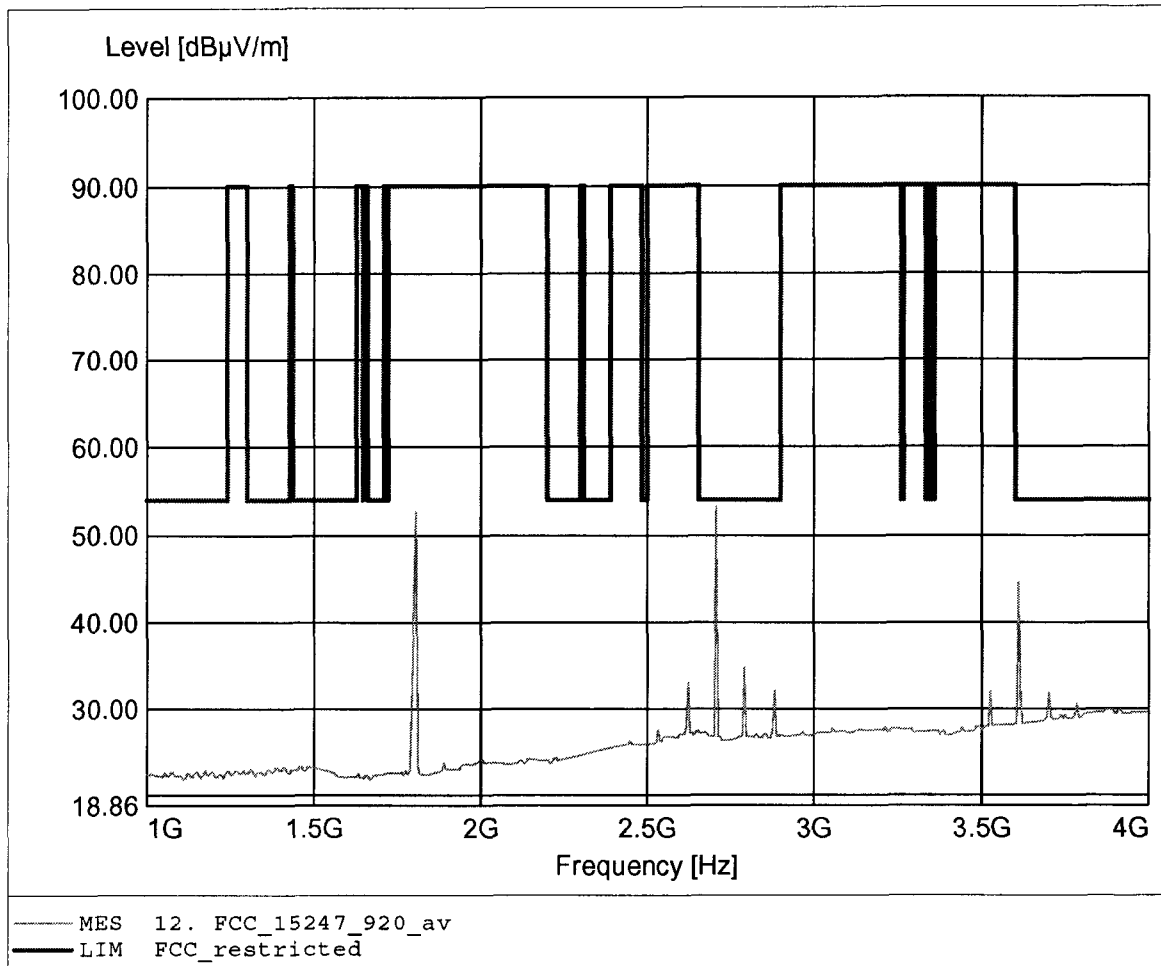
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.806GHz, Emax: 66.18dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

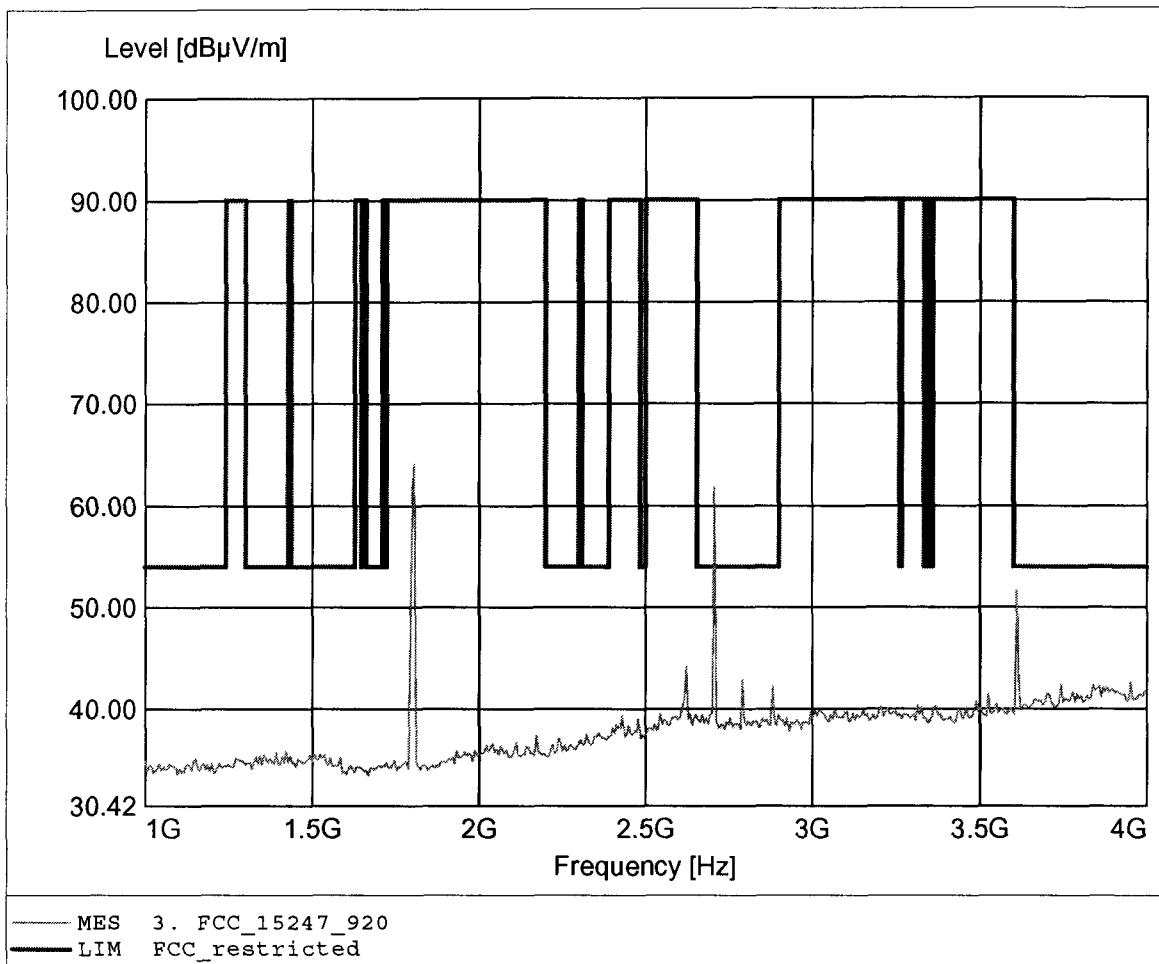
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.707GHz, Emax: 53.17dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

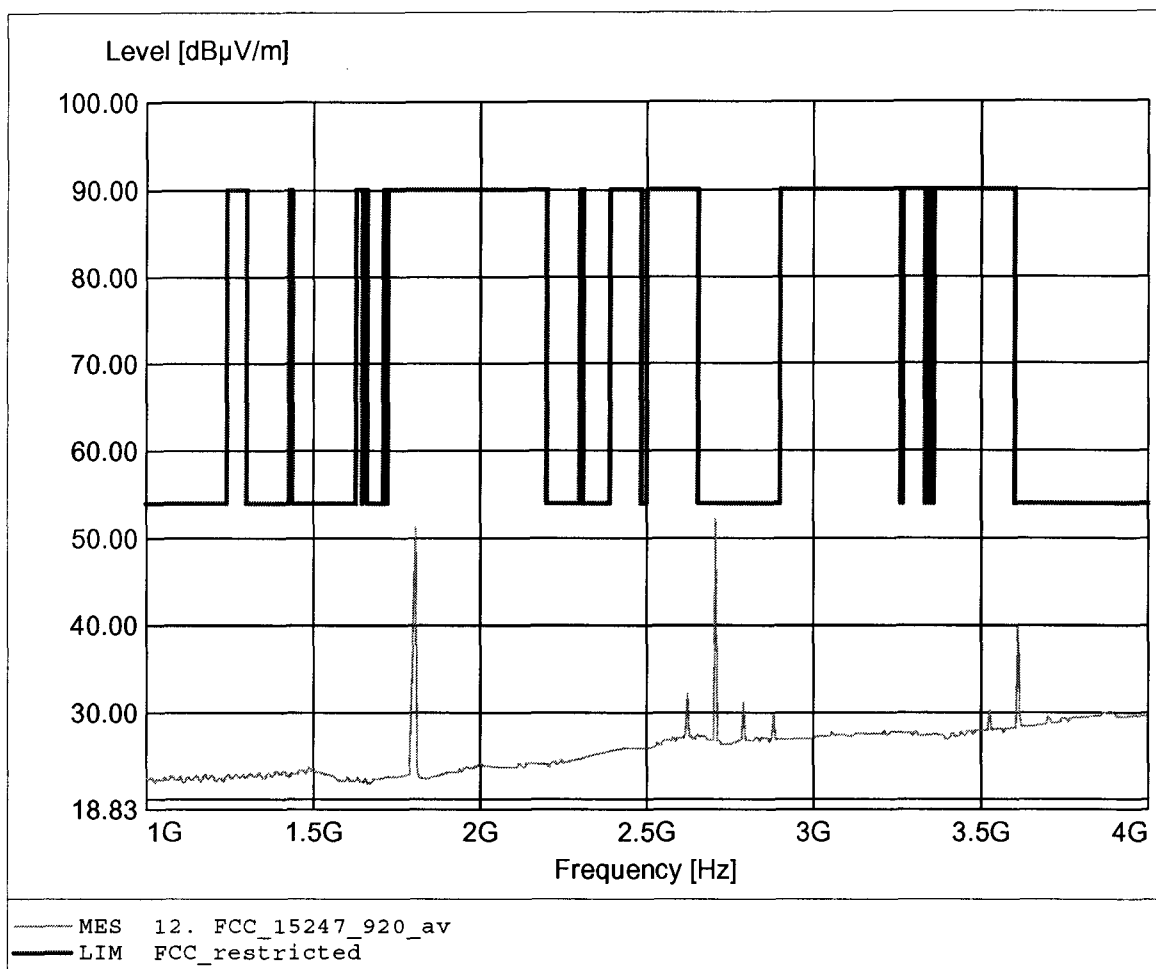
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.806GHz, Emax: 64.06dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

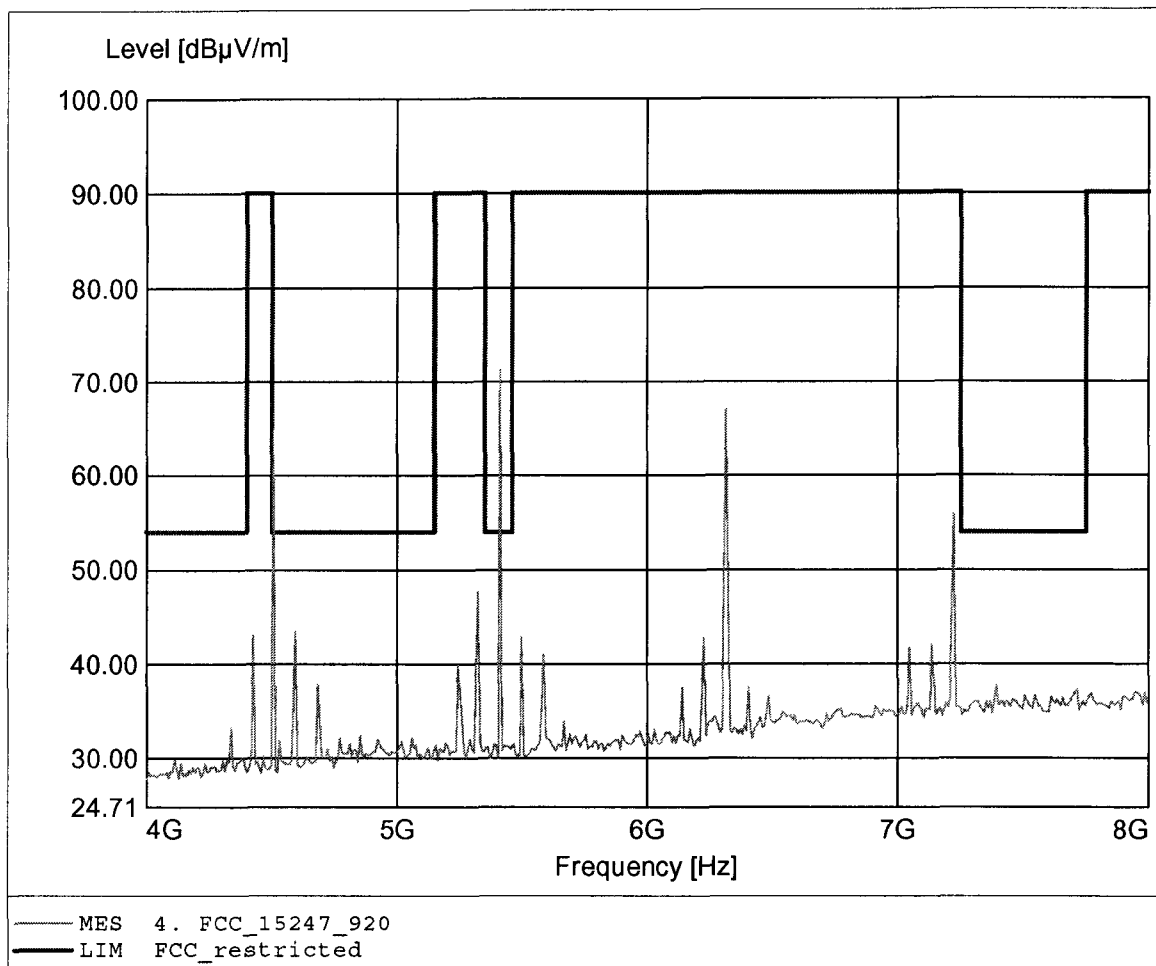
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.707GHz, Emax: 52.25dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

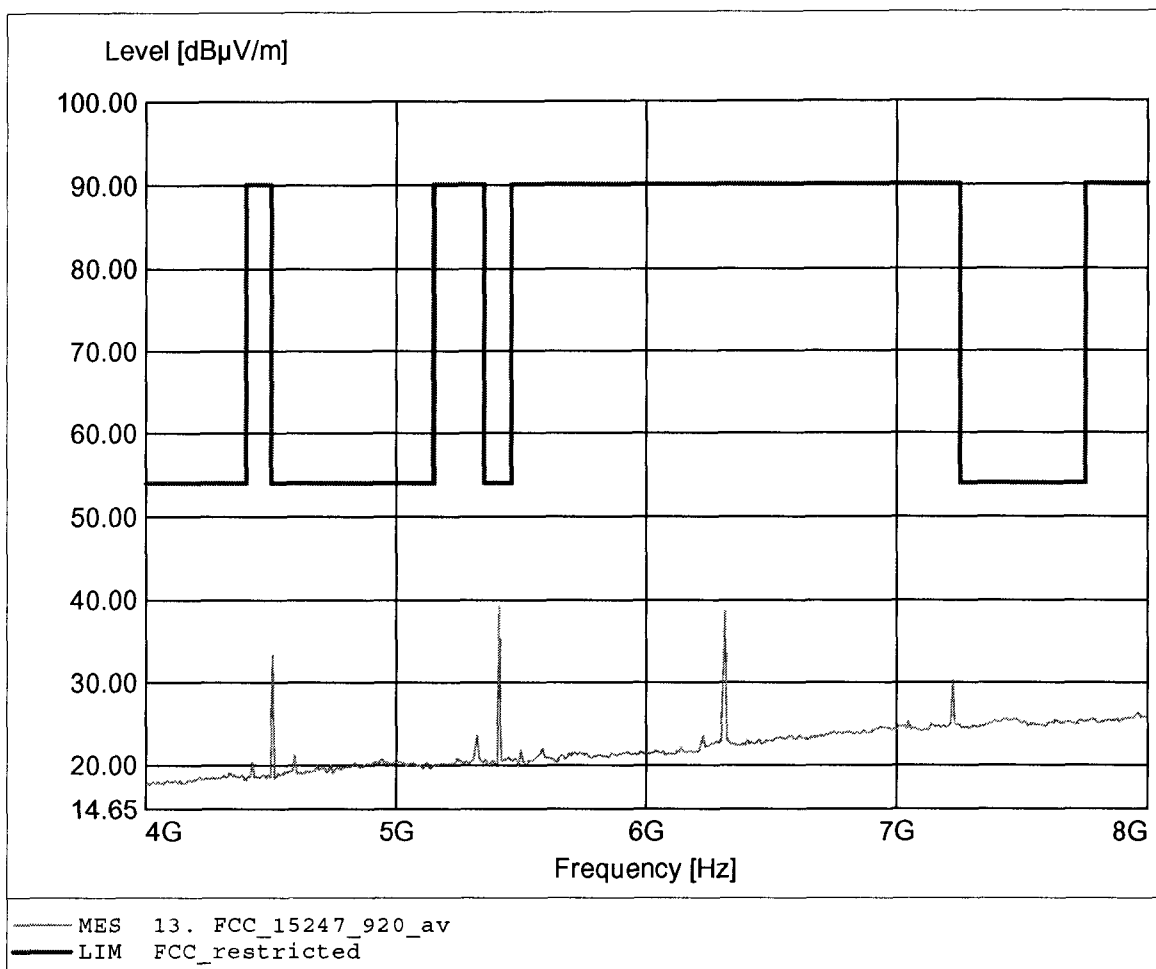
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.411GHz, Emax: 71.31dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

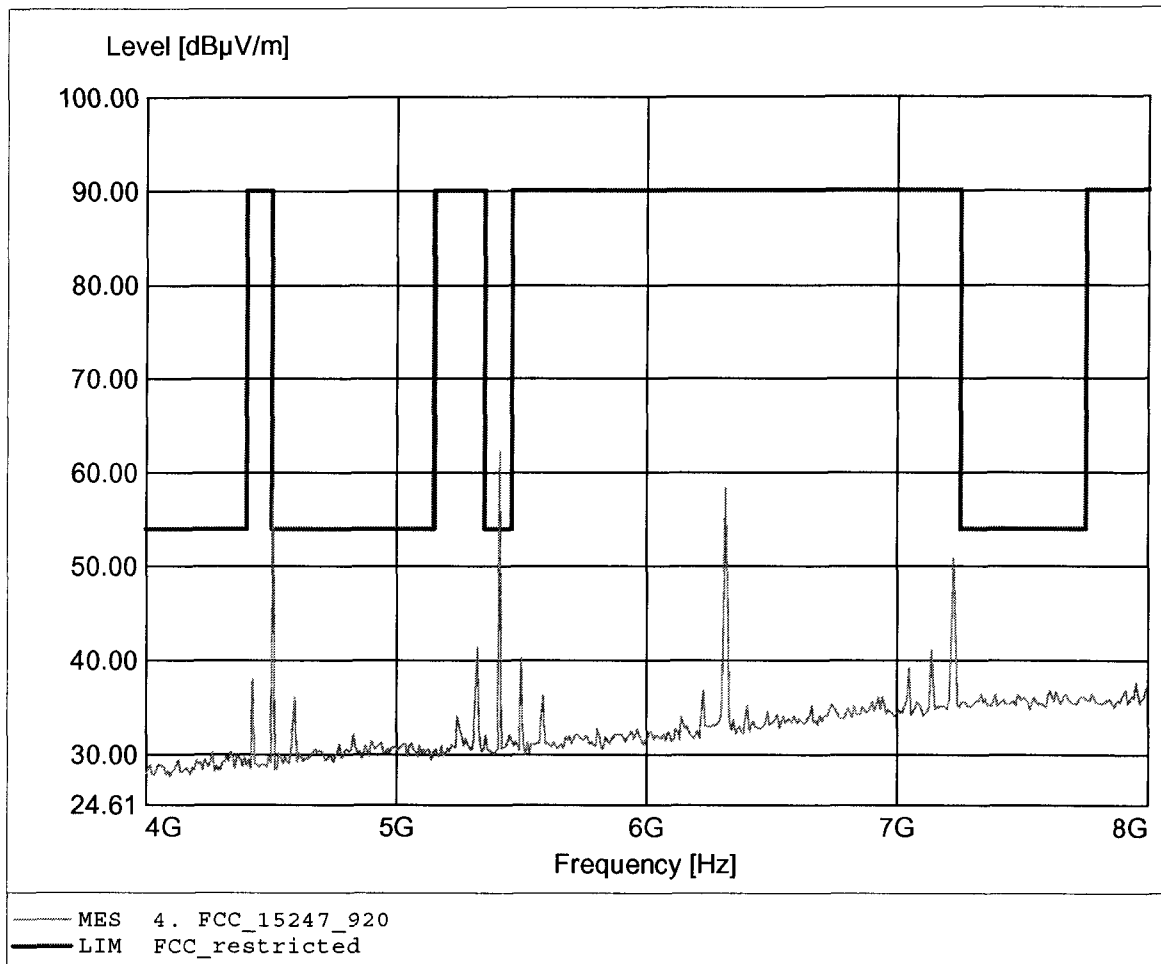
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.411GHz, Emax: 39.19dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

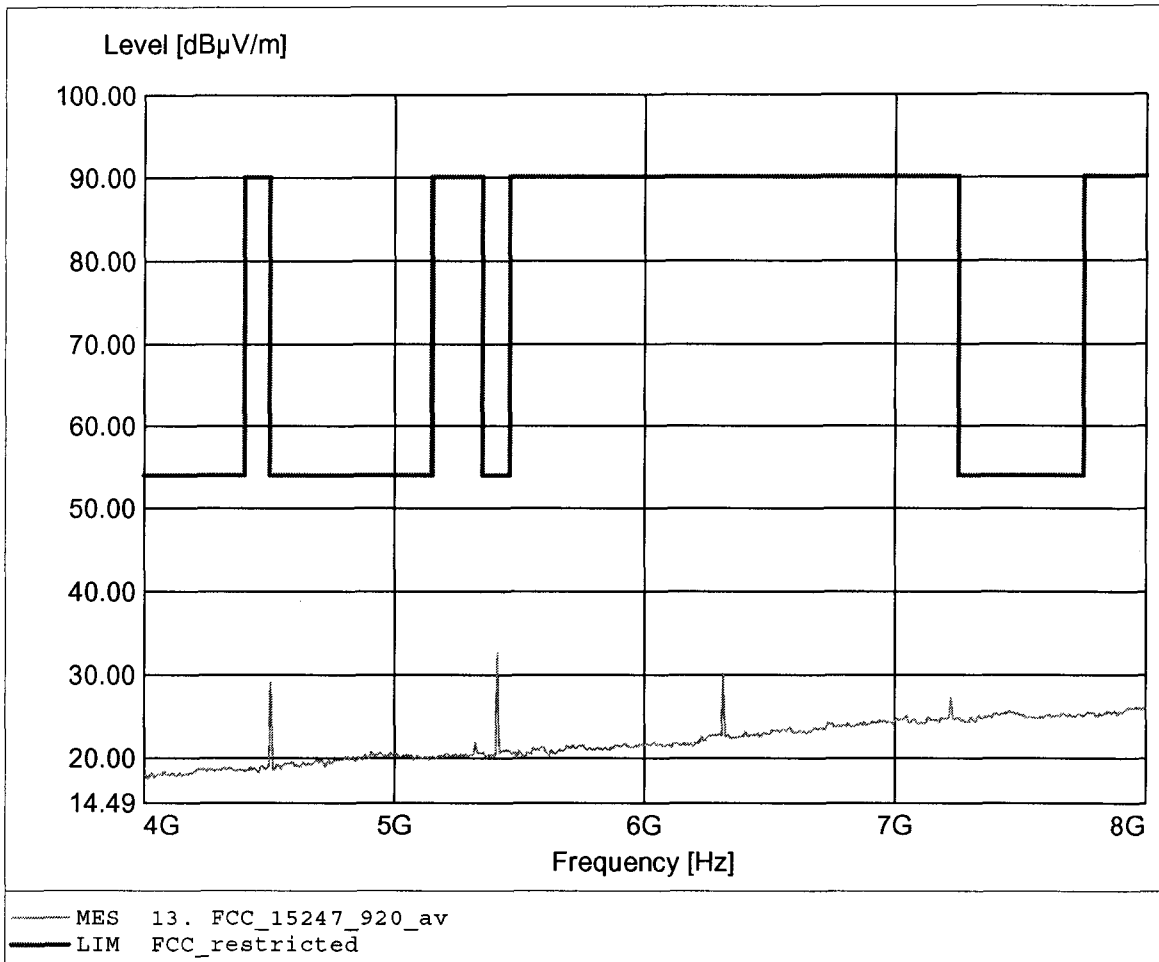
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.411GHz, Emax: 62.34dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

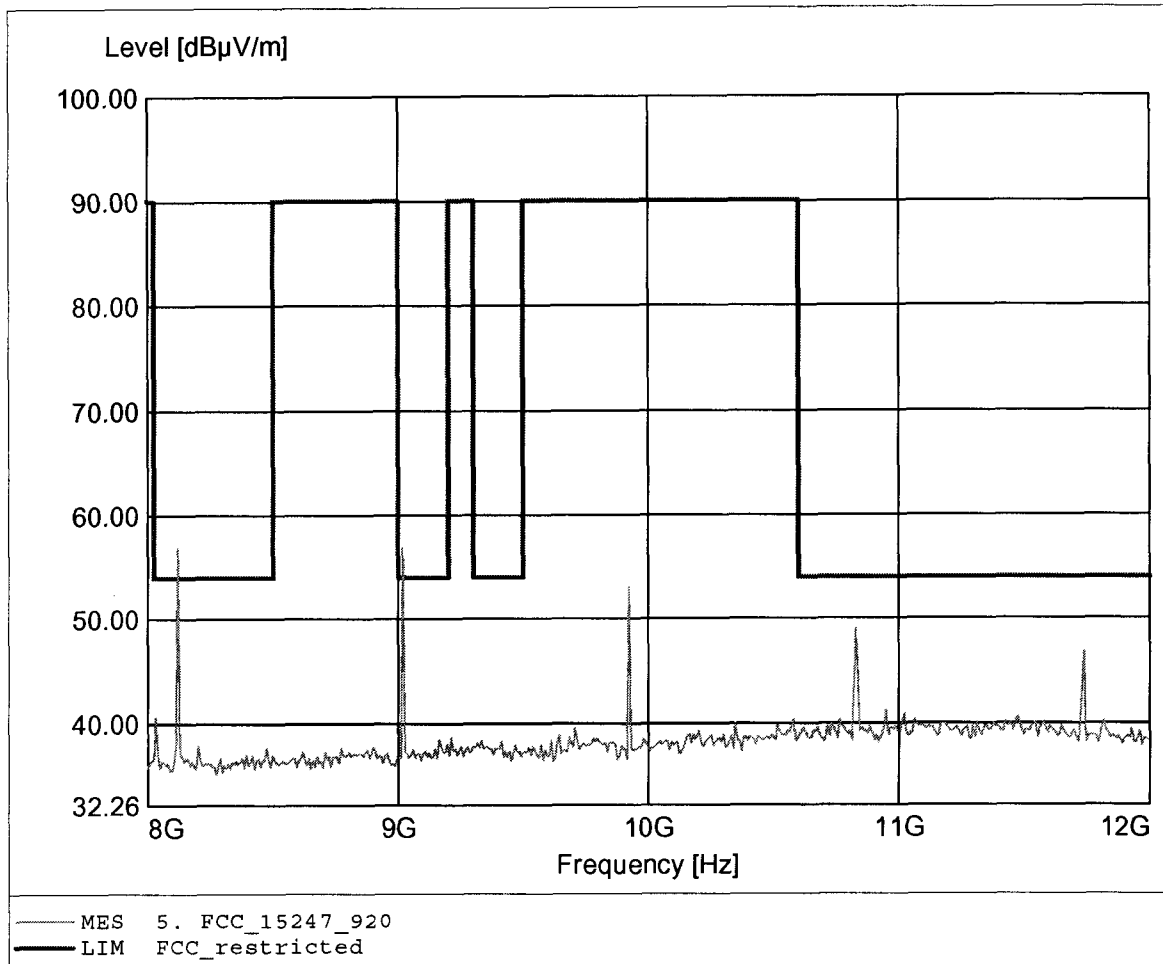
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.411GHz, Emax: 32.59dBuV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

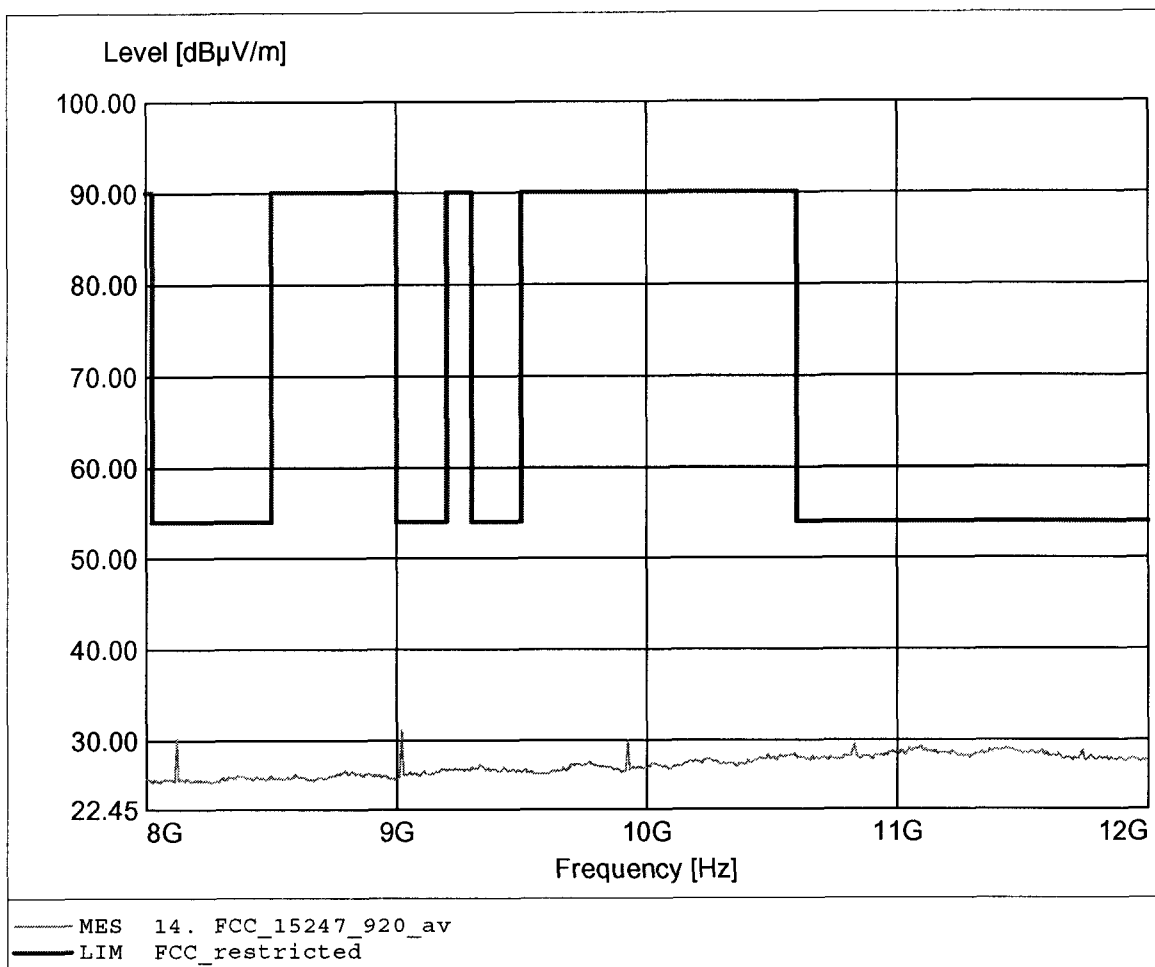
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.018GHz, Emax: 56.95dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

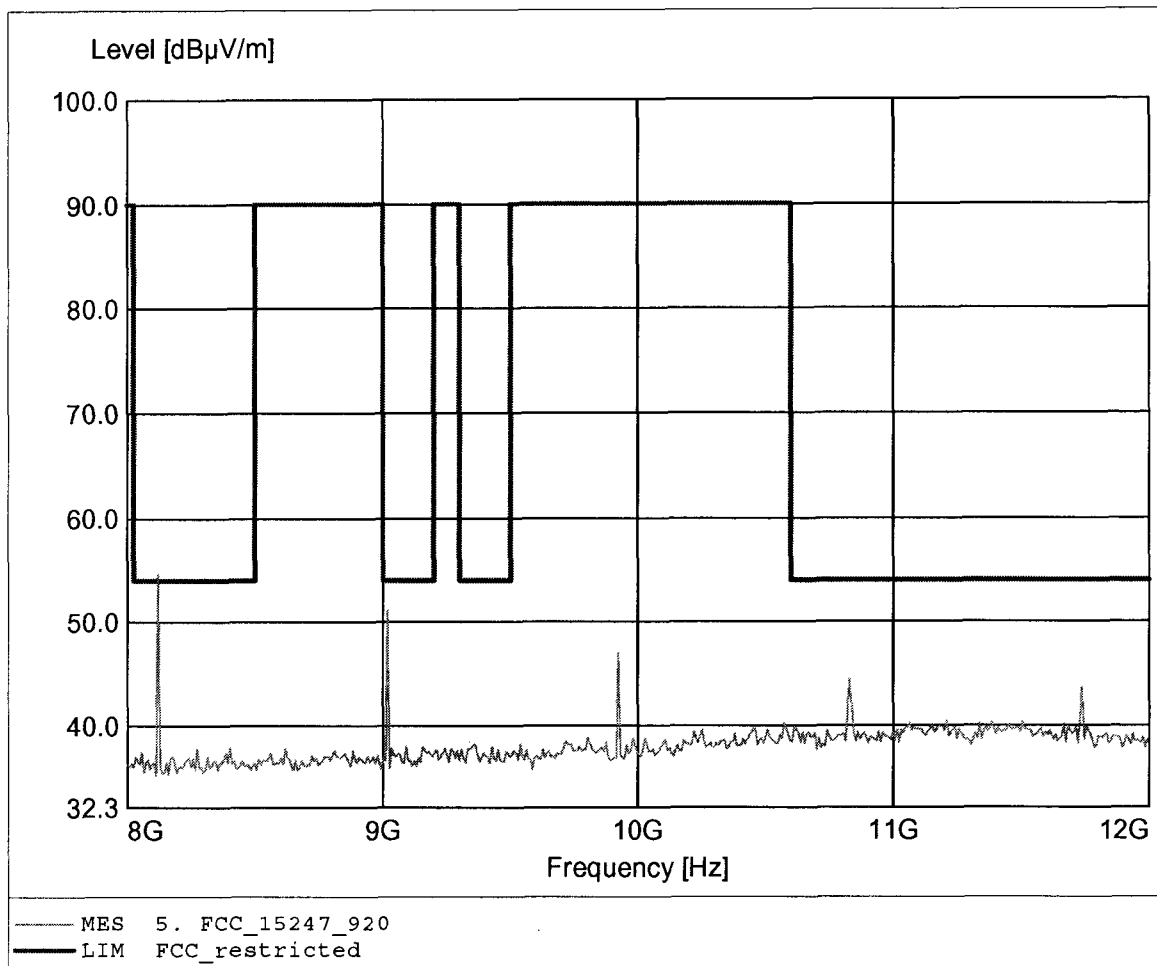
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.018GHz, Emax: 31.14dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

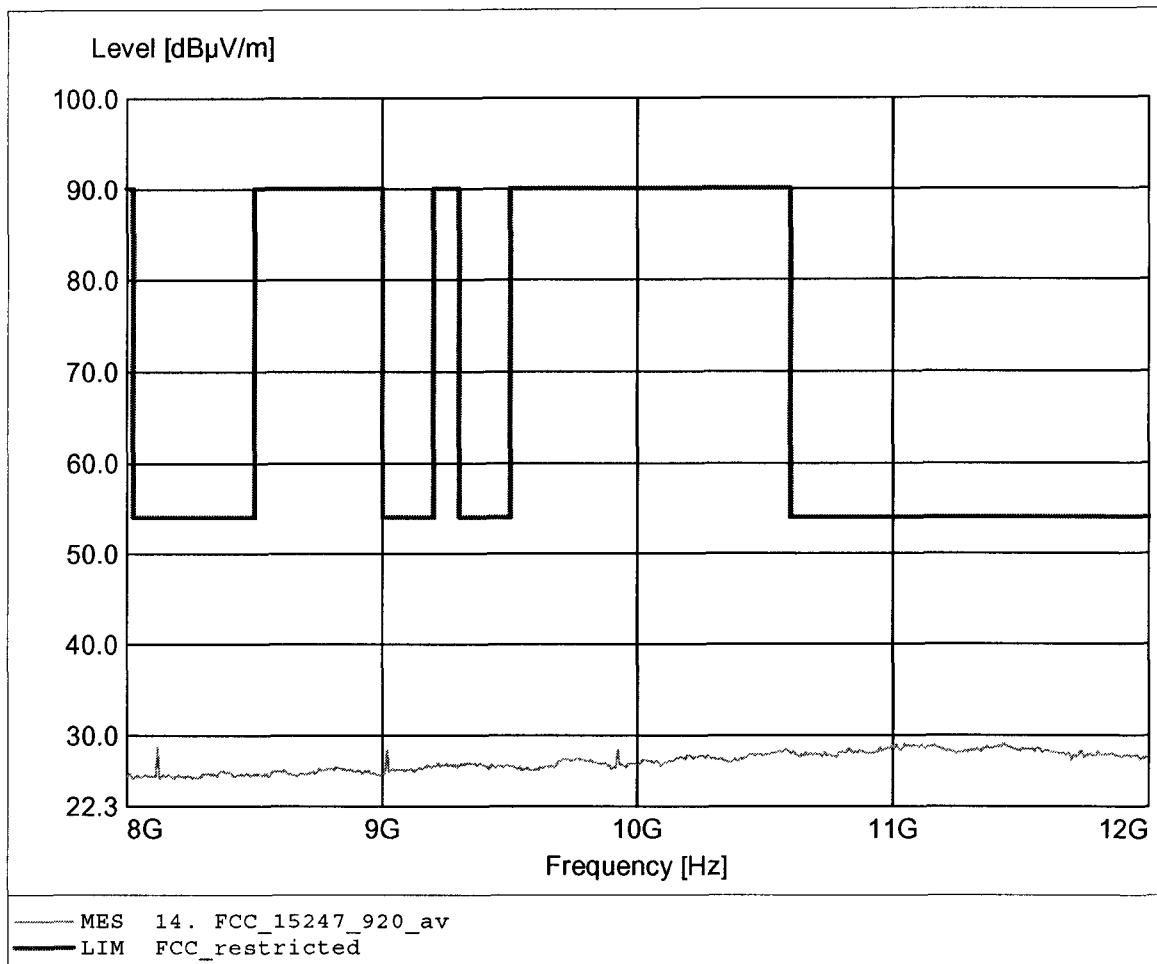
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 8.120GHz, Emax: 54.60dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

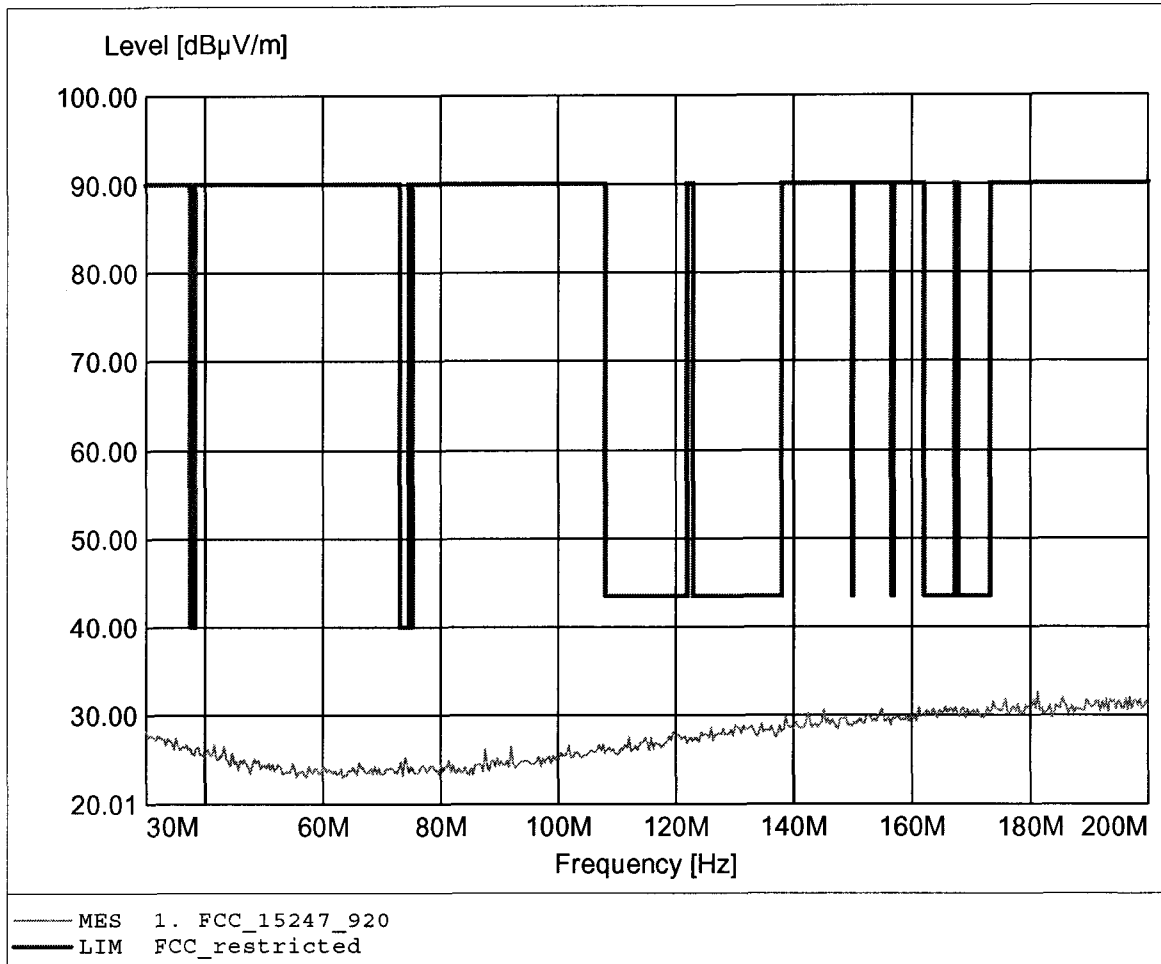
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 0
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.046GHz, Emax: 29.14dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

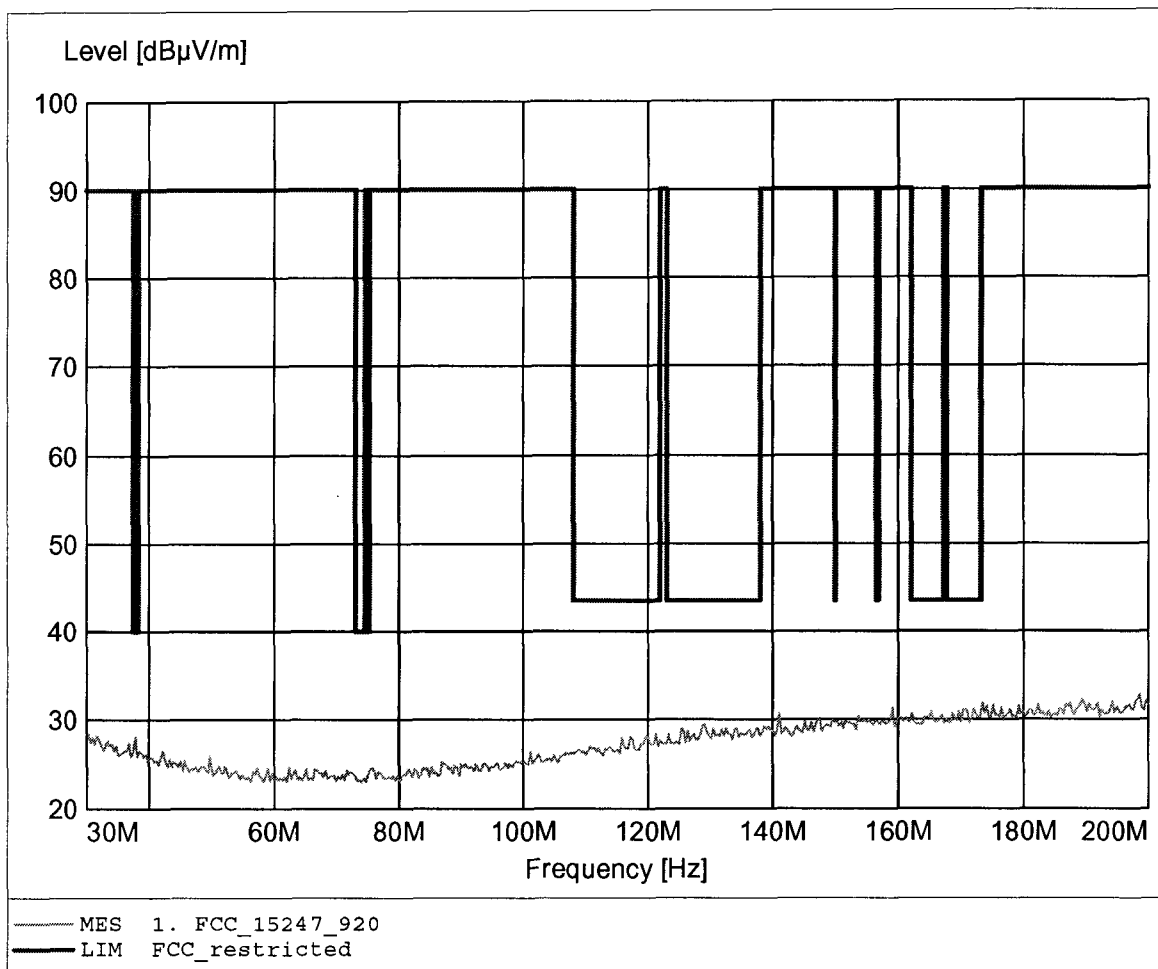
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 181.263MHz, Emax: 32.64dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

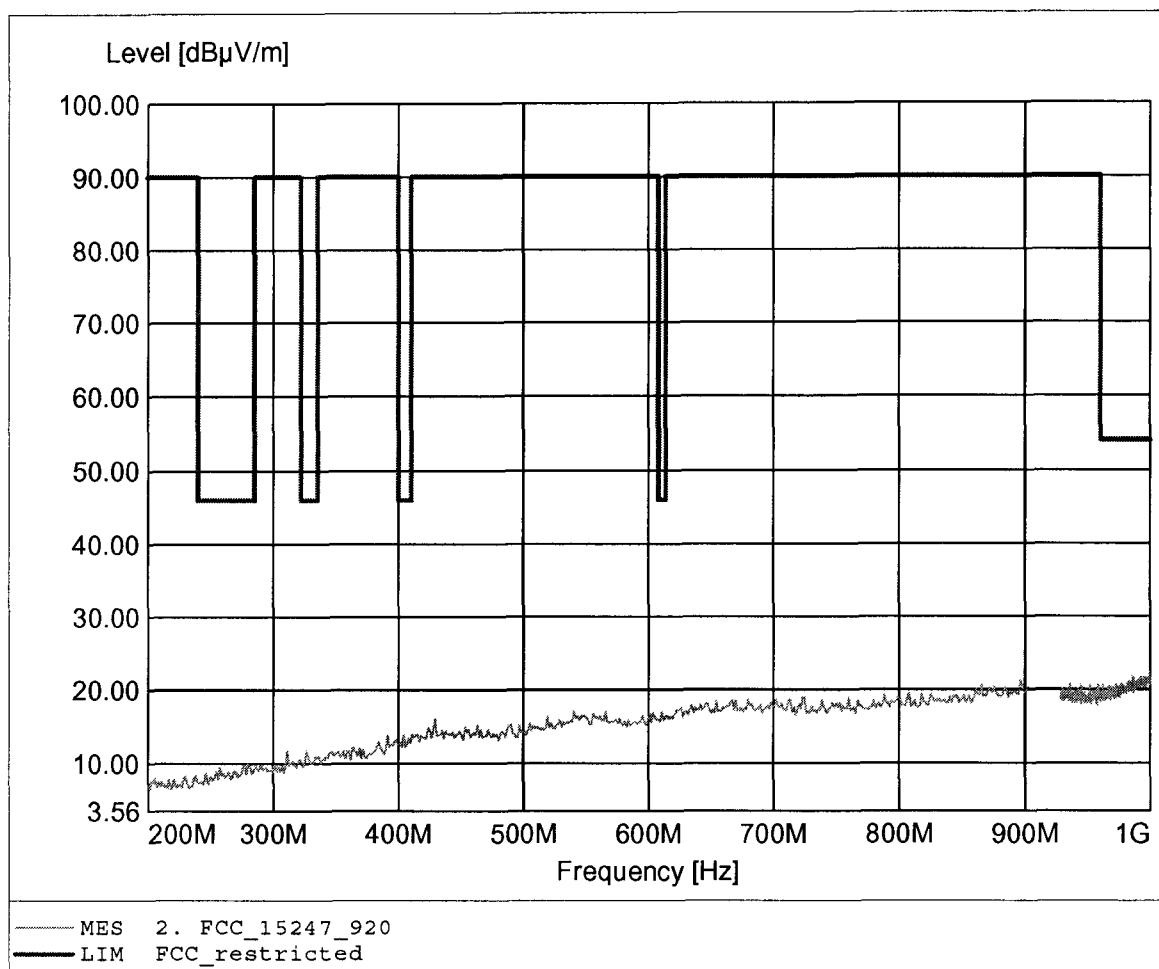
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.637MHz, Emax: 32.76dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

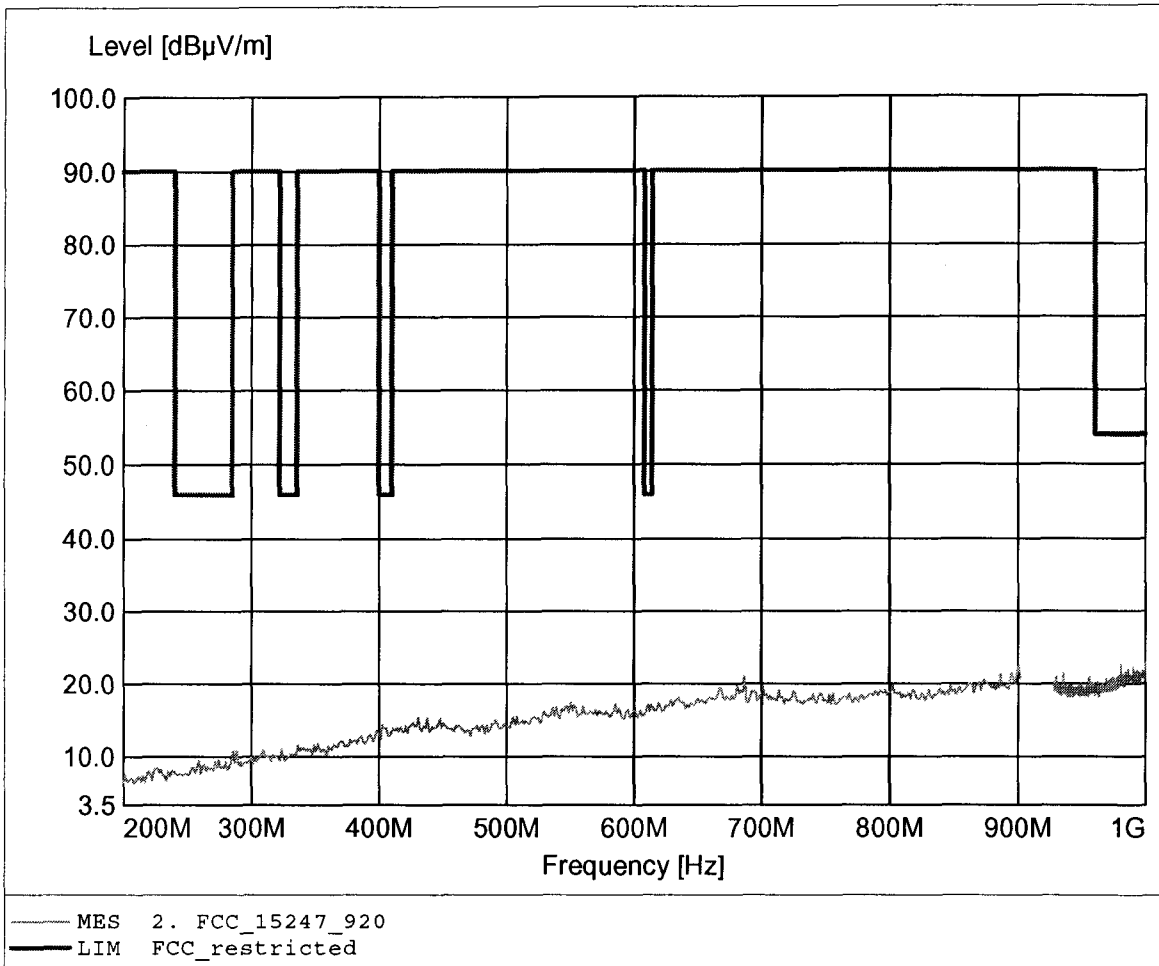
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 999.711MHz, Emax: 22.27dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

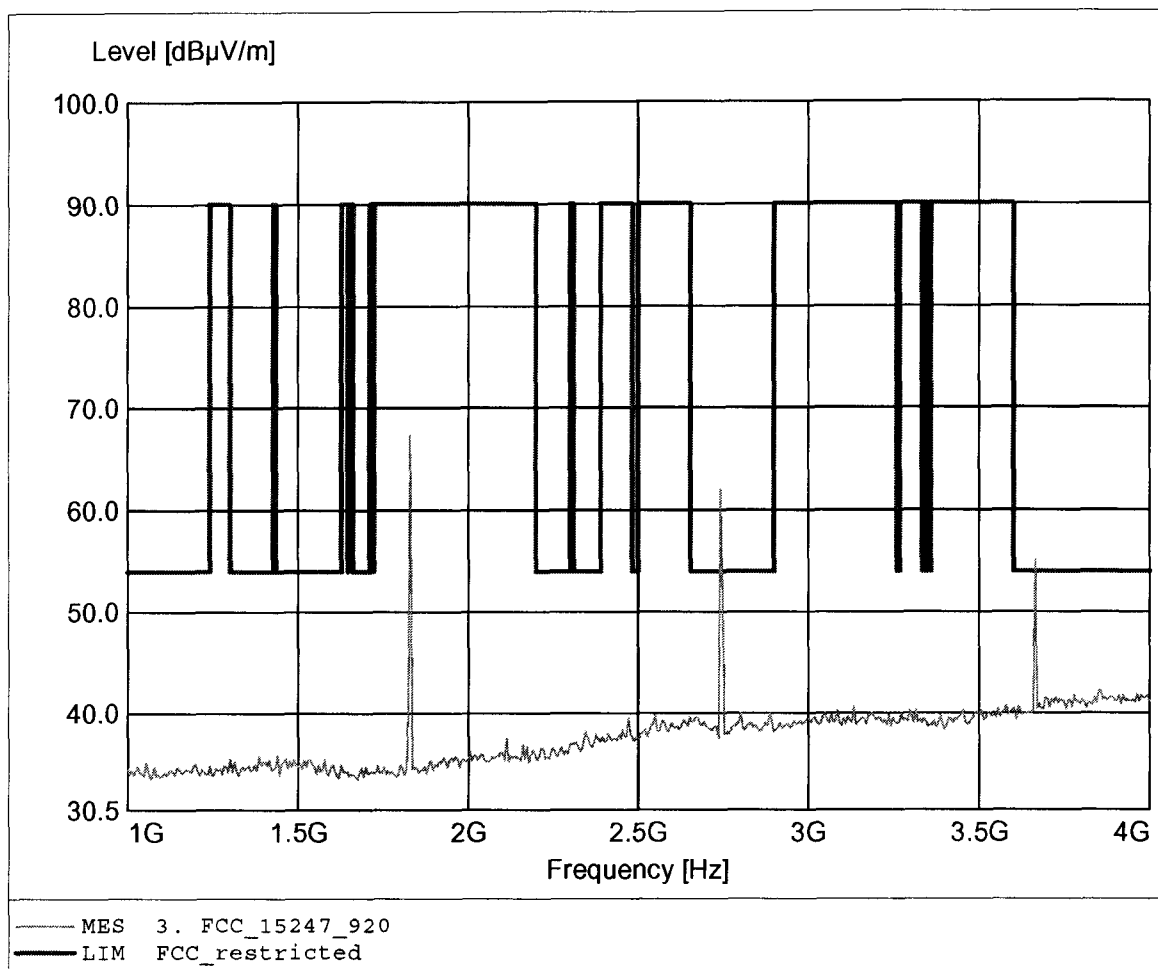
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 1.000GHz, Emax: 22.93dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

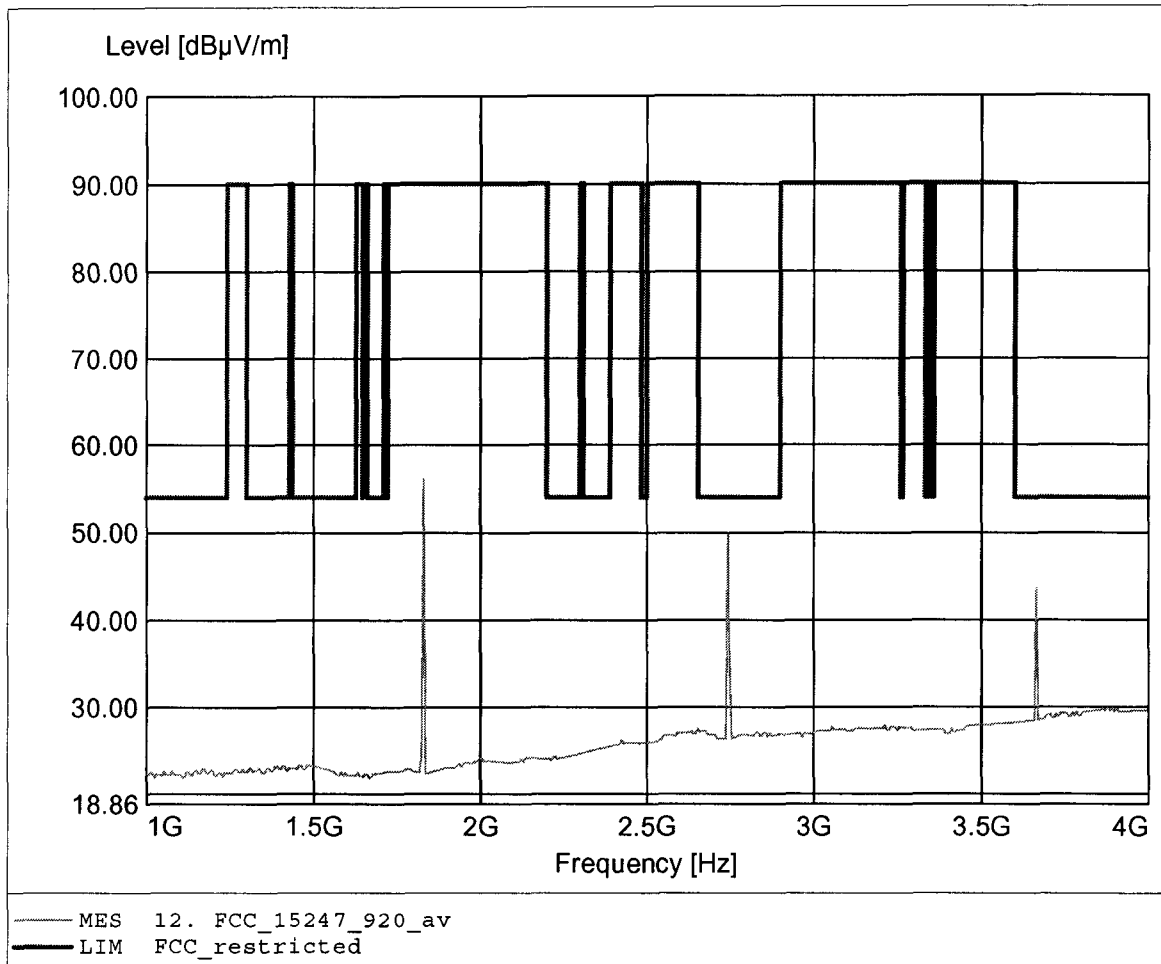
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.830GHz, Emax: 67.31dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

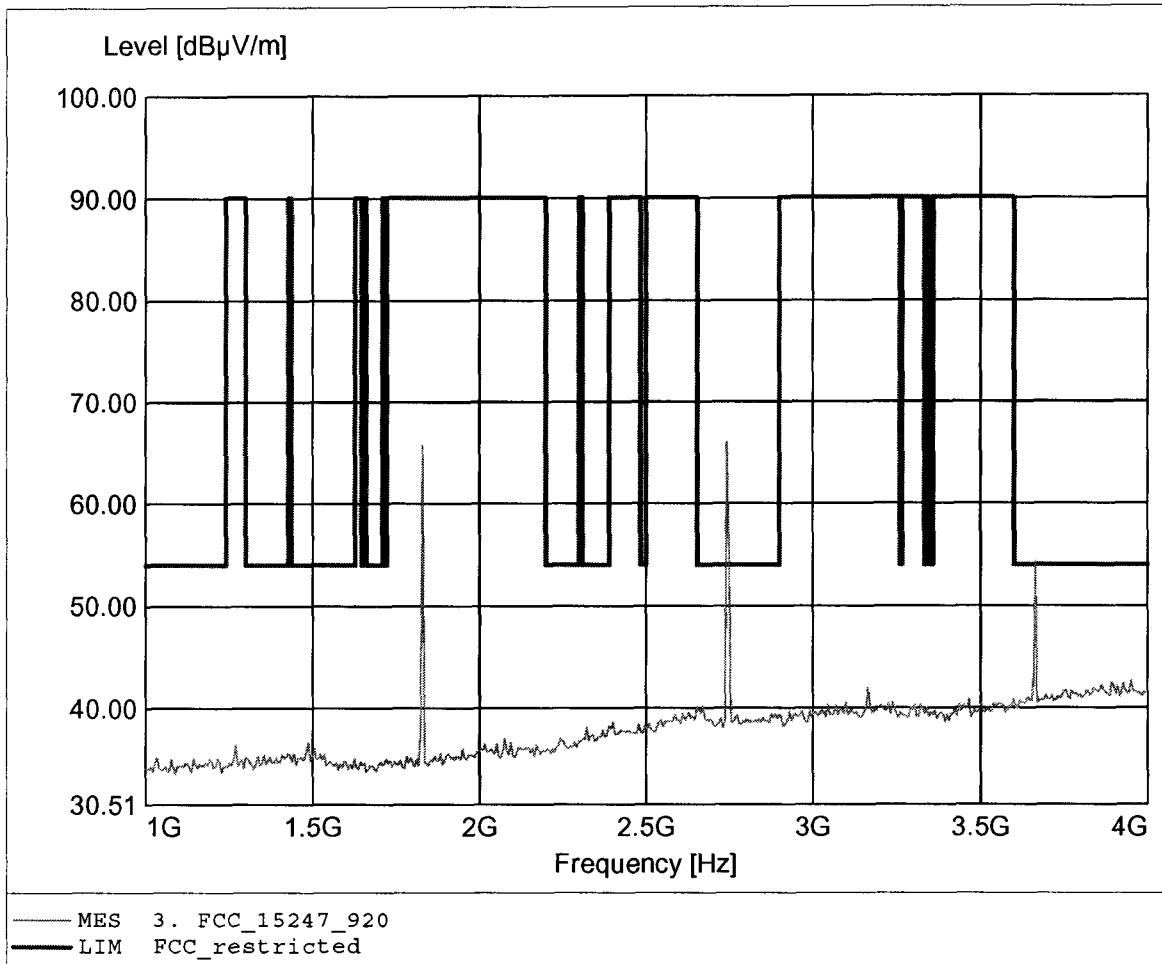
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.830GHz, Emax: 56.09dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

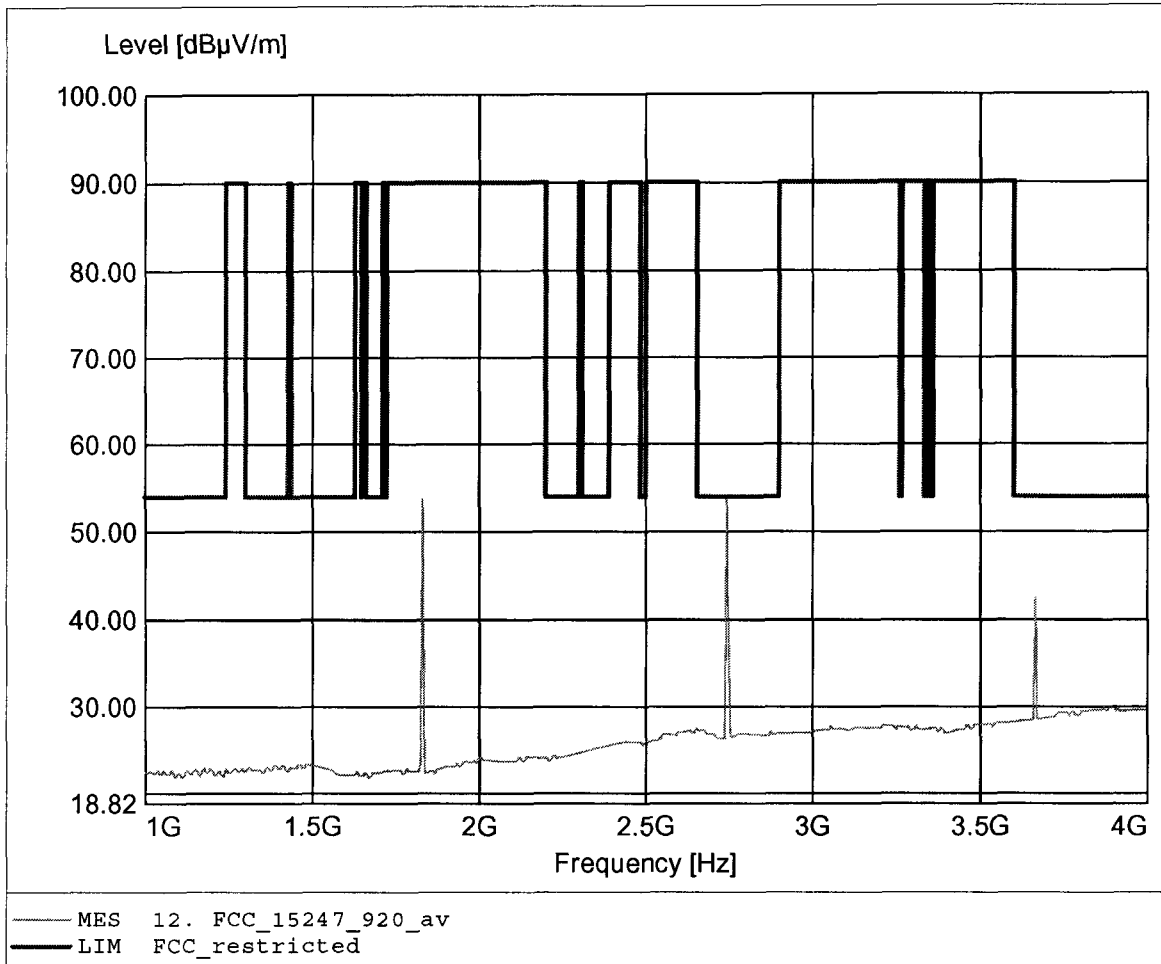
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.743GHz, Emax: 66.03dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

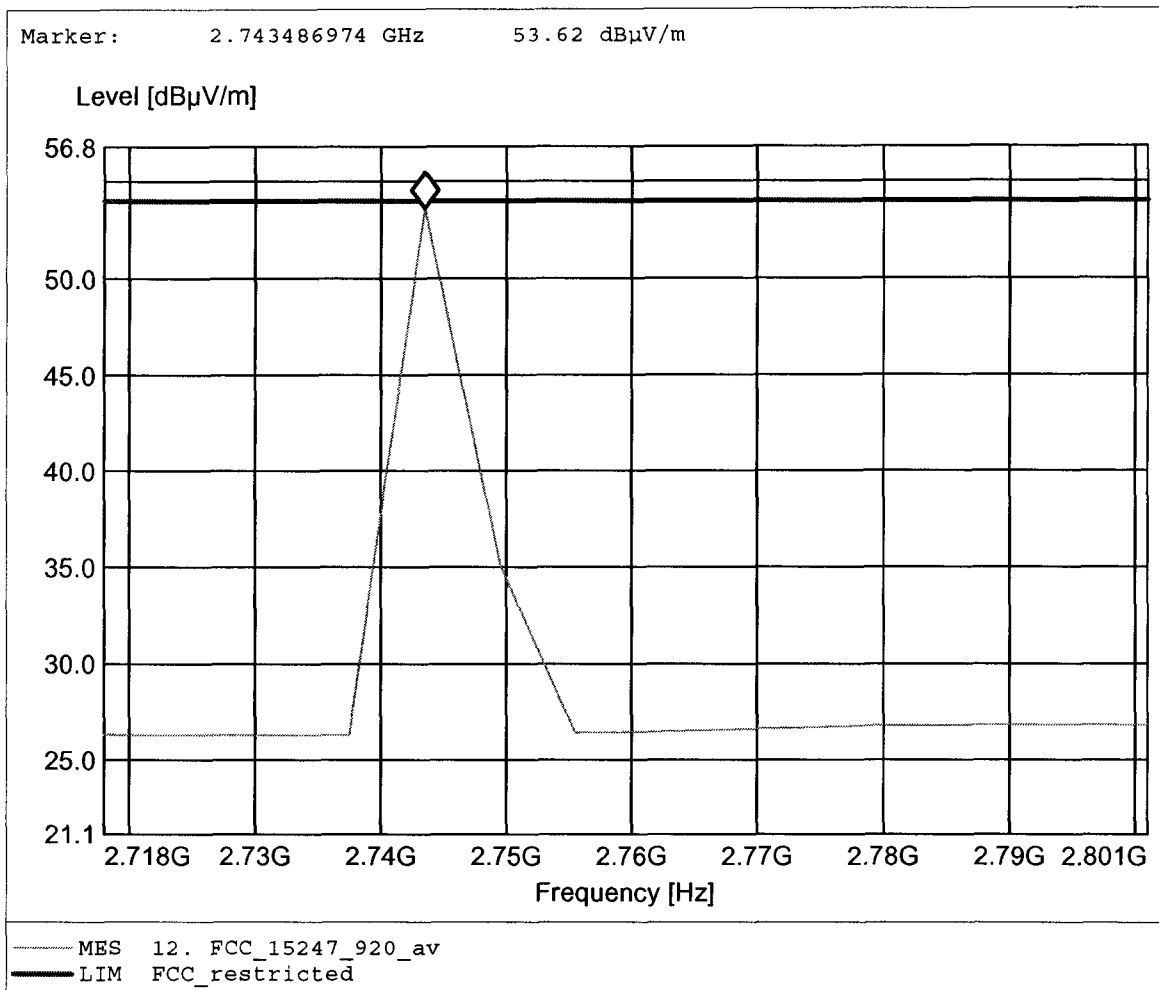
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.830GHz, Emax: 53.74dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

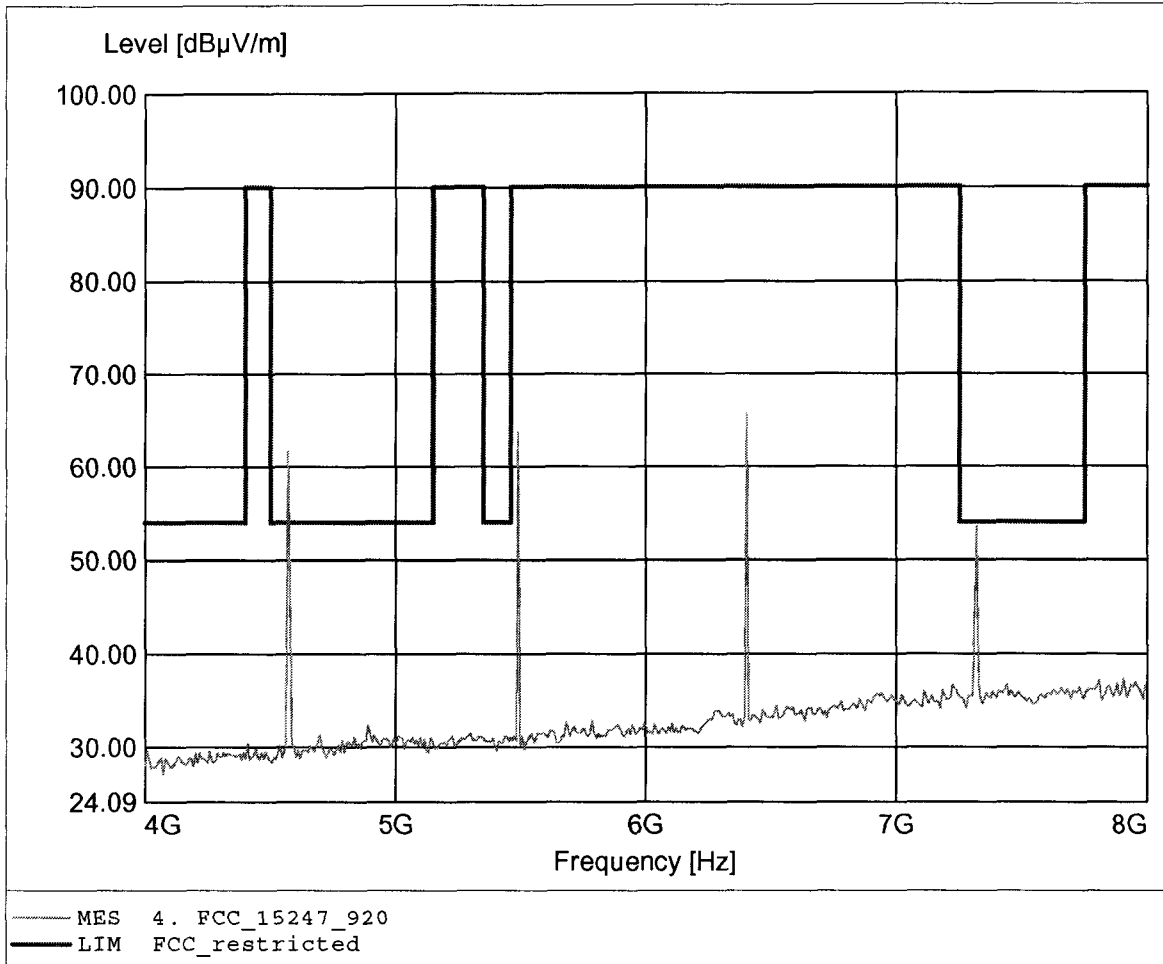
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.830GHz, Emax: 53.74dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

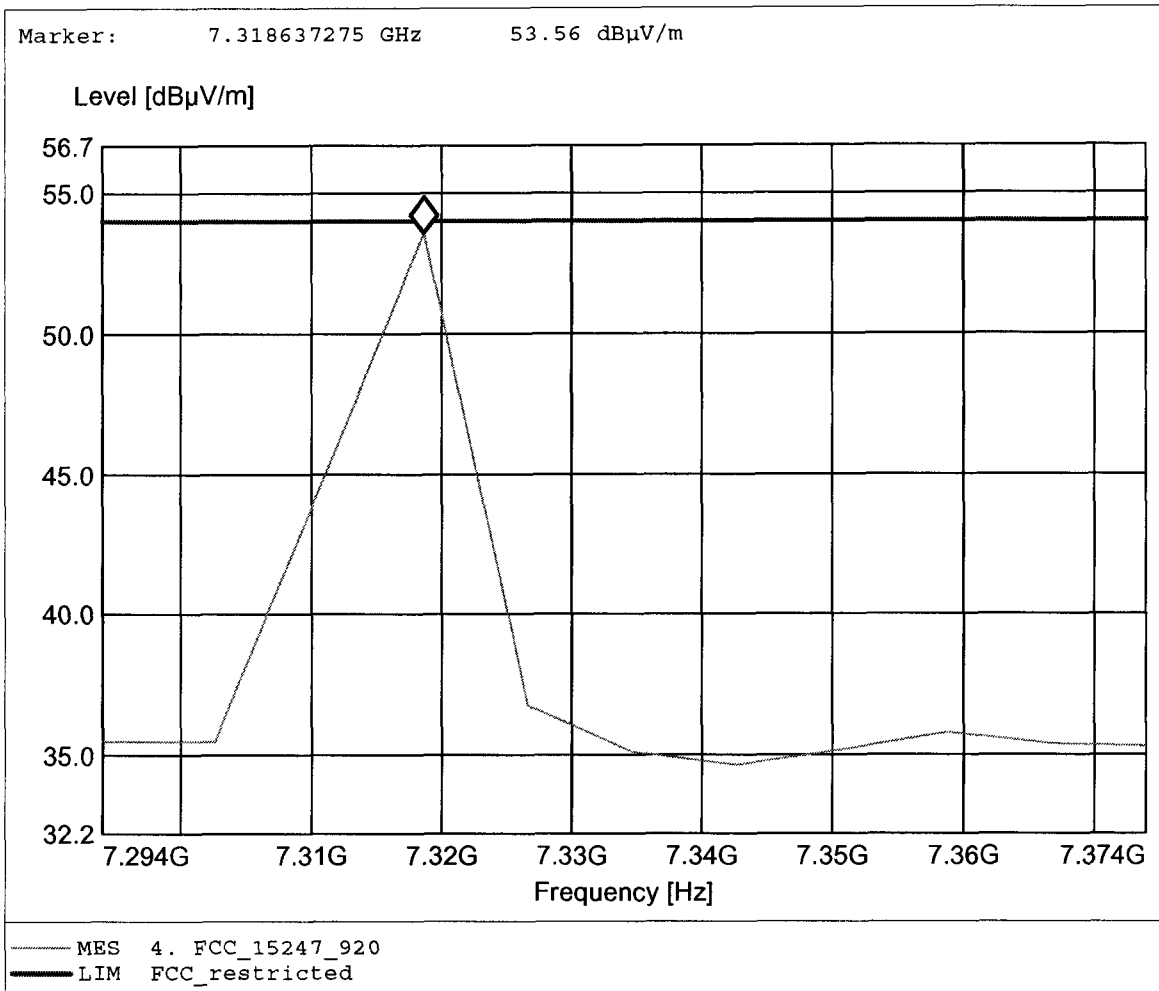
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.405GHz, Emax: 65.66dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

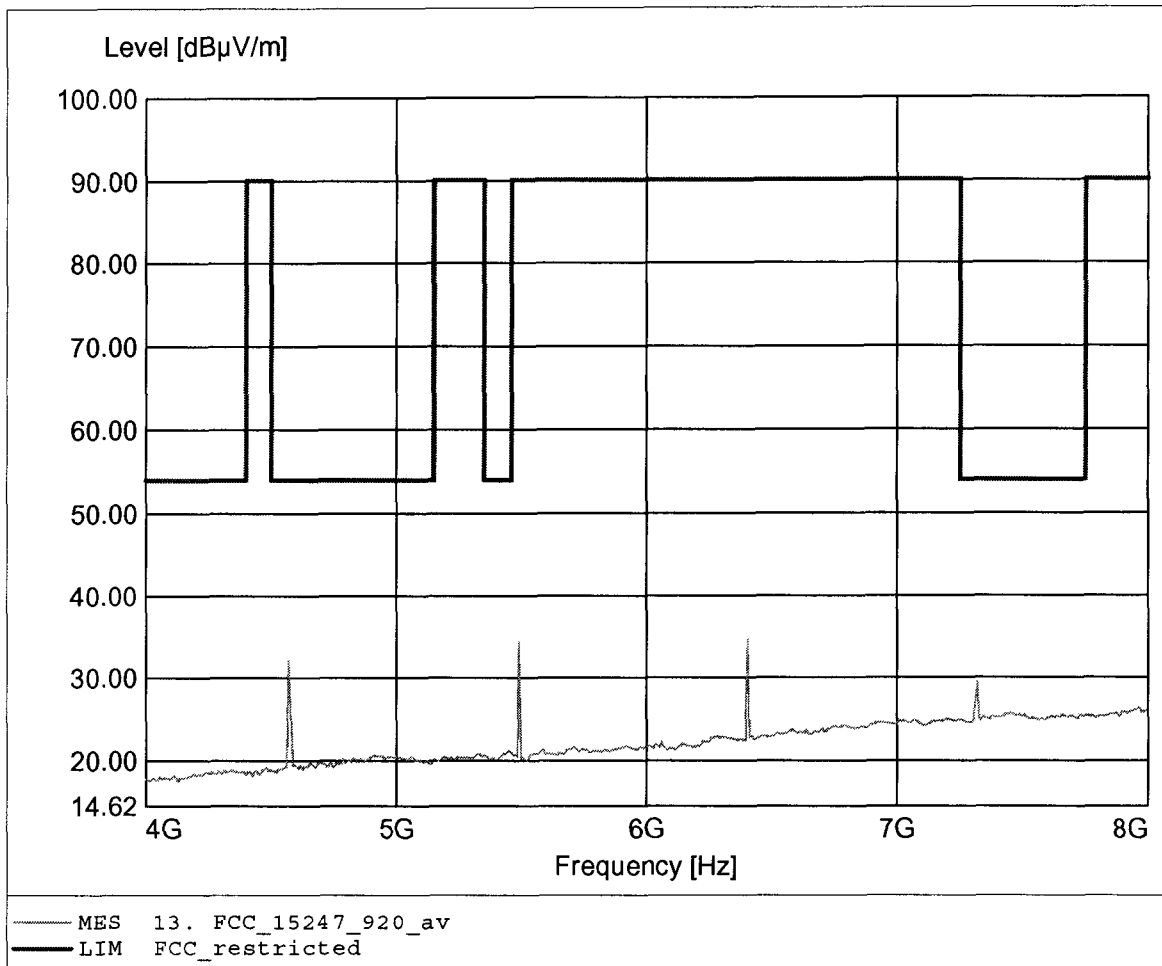
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.405GHz, Emax: 65.66dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

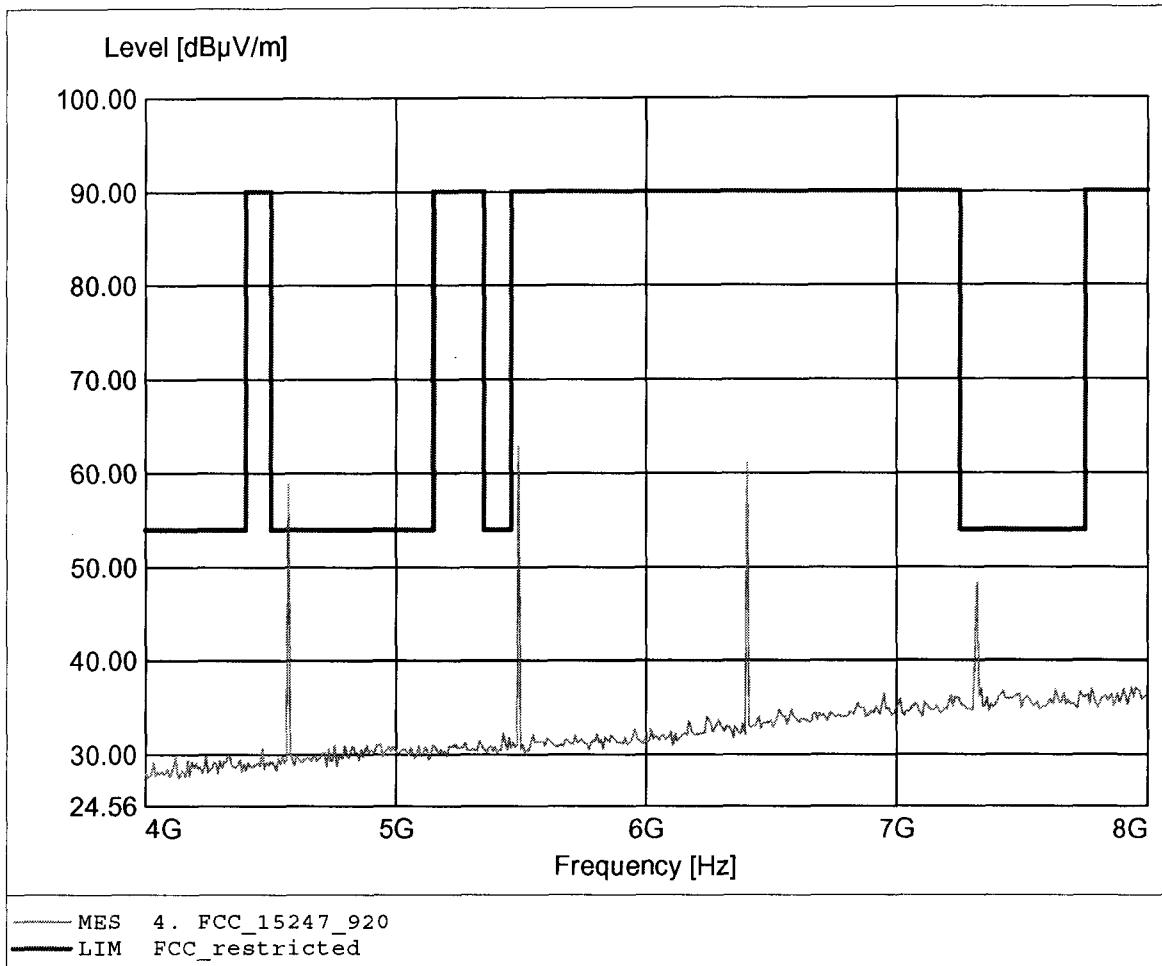
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.405GHz, Emax: 34.63dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

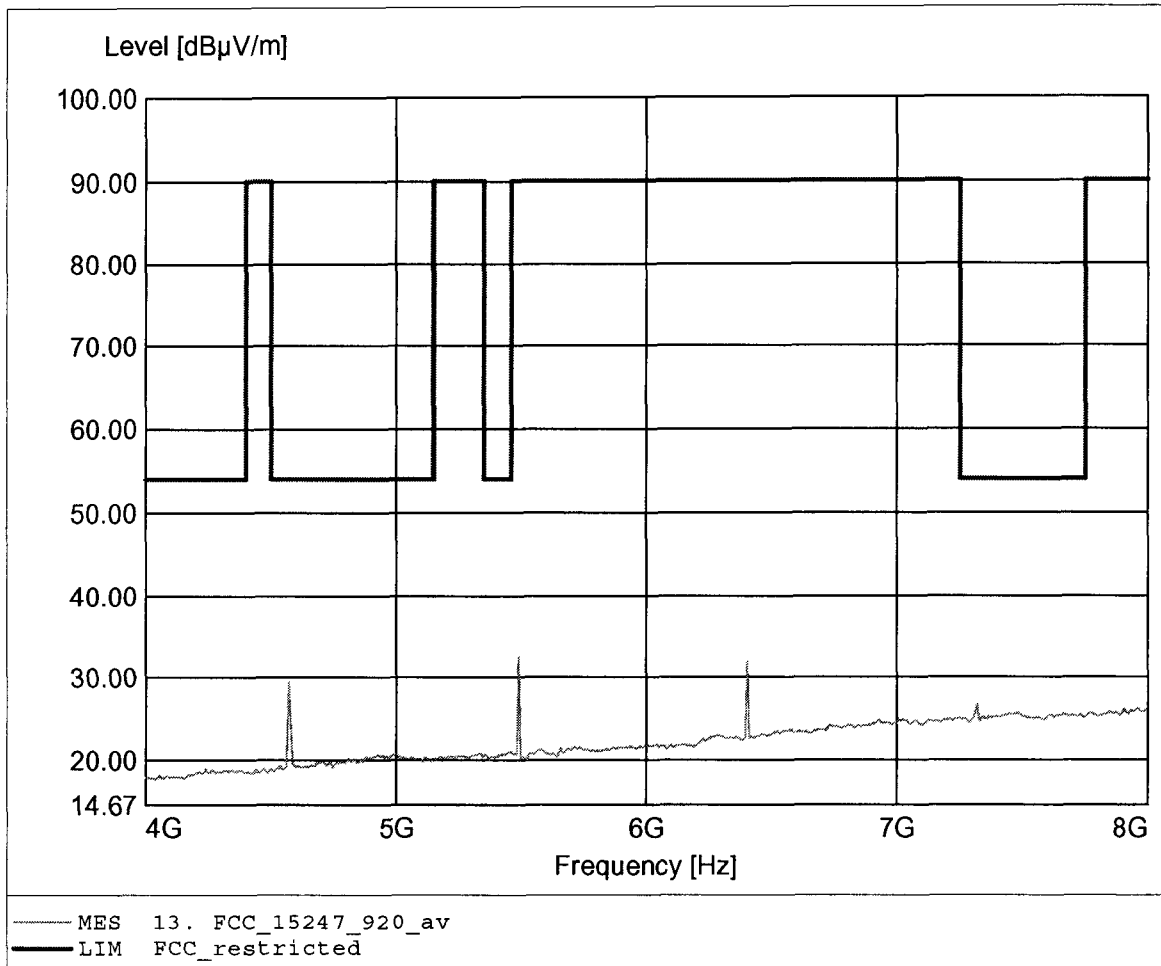
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.491GHz, Emax: 62.88dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

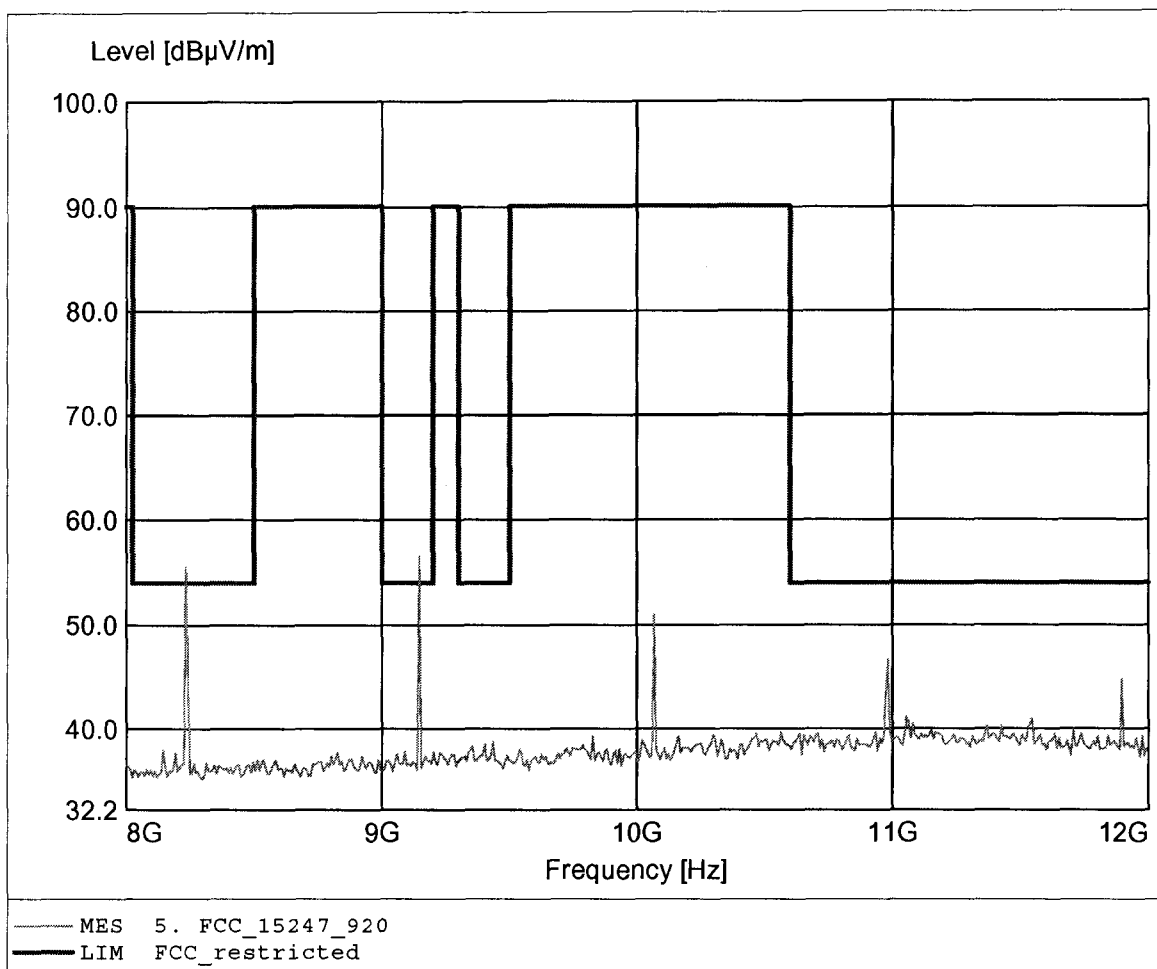
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.491GHz, Emax: 32.53dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

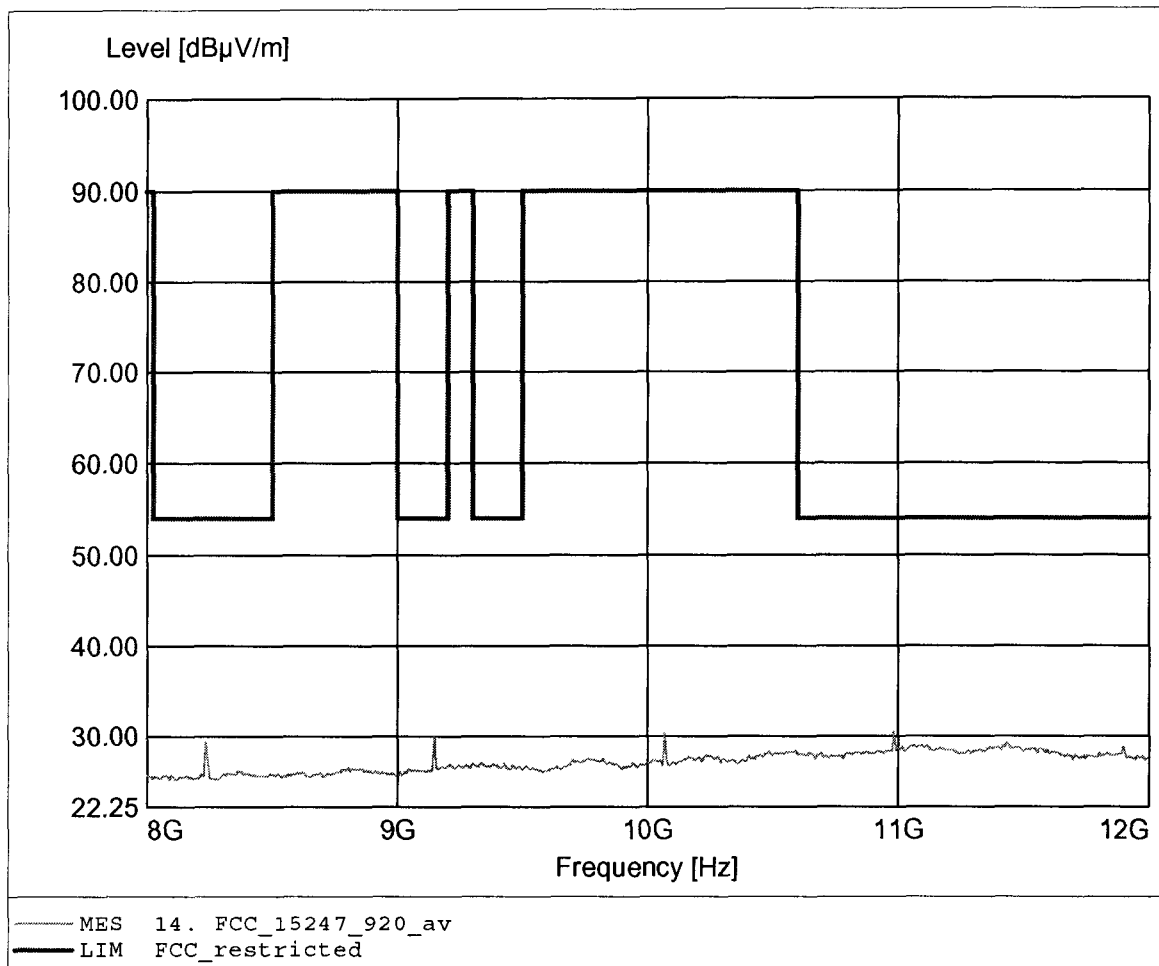
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.146GHz, Emax: 56.51dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

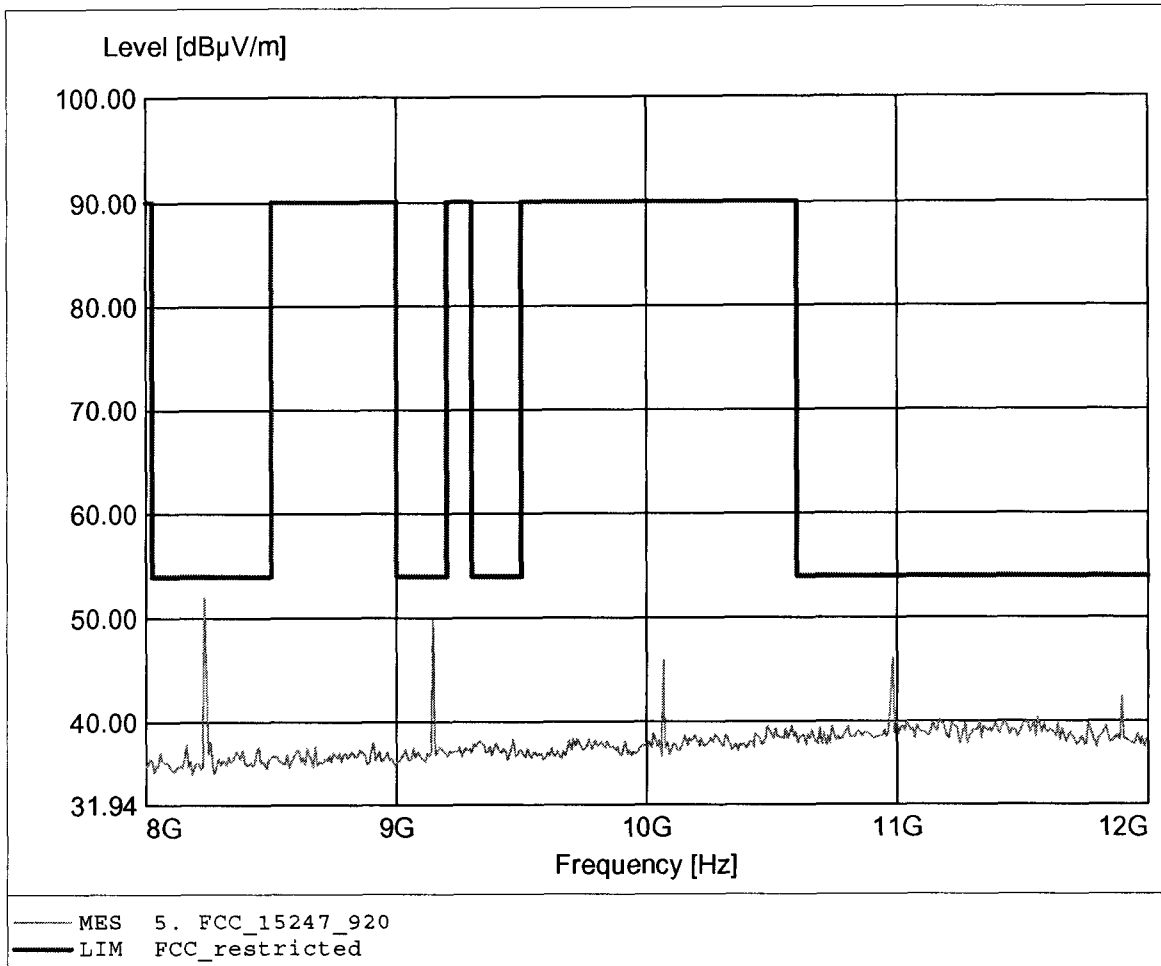
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.982GHz, Emax: 30.47dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

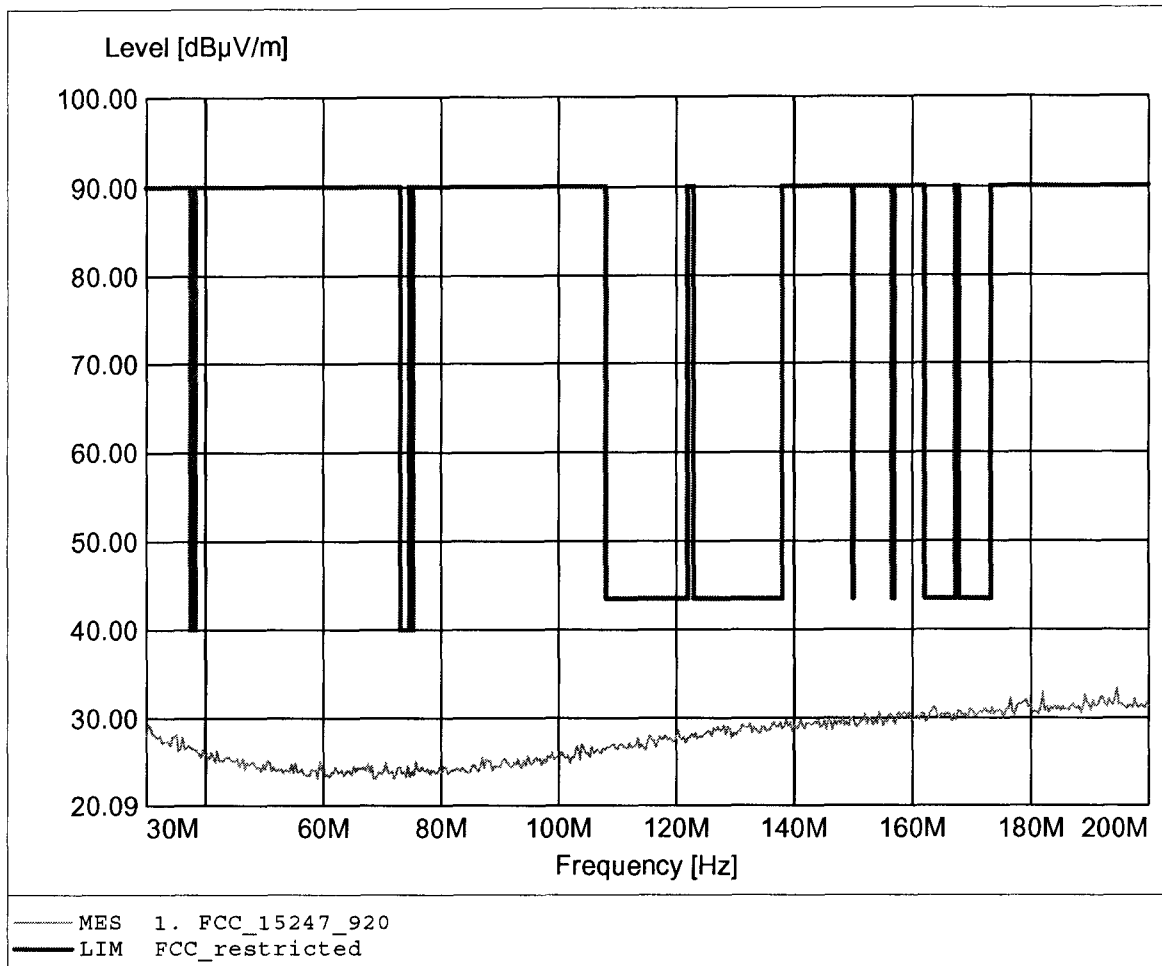
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 26
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 8.232GHz, Emax: 51.99dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

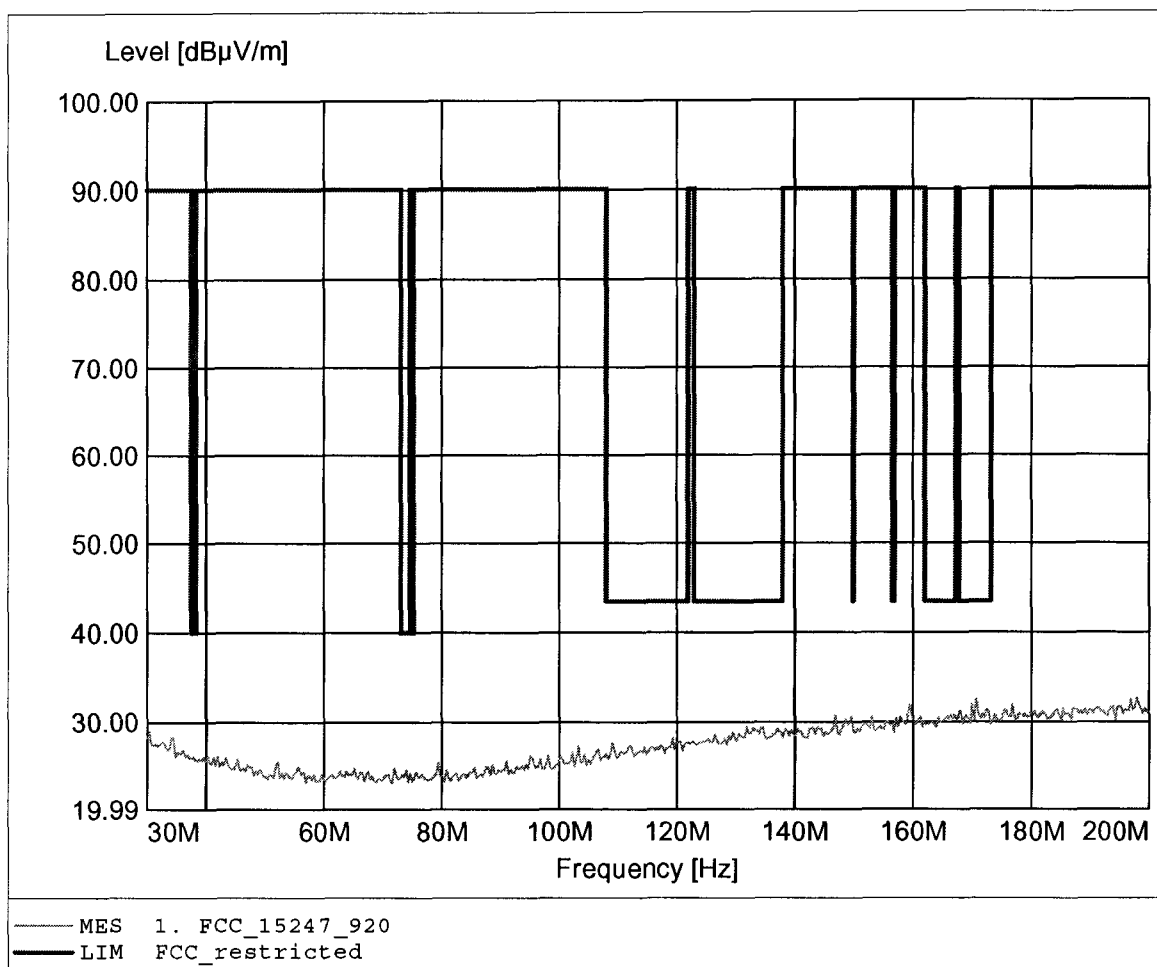
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.549MHz, Emax: 33.41dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

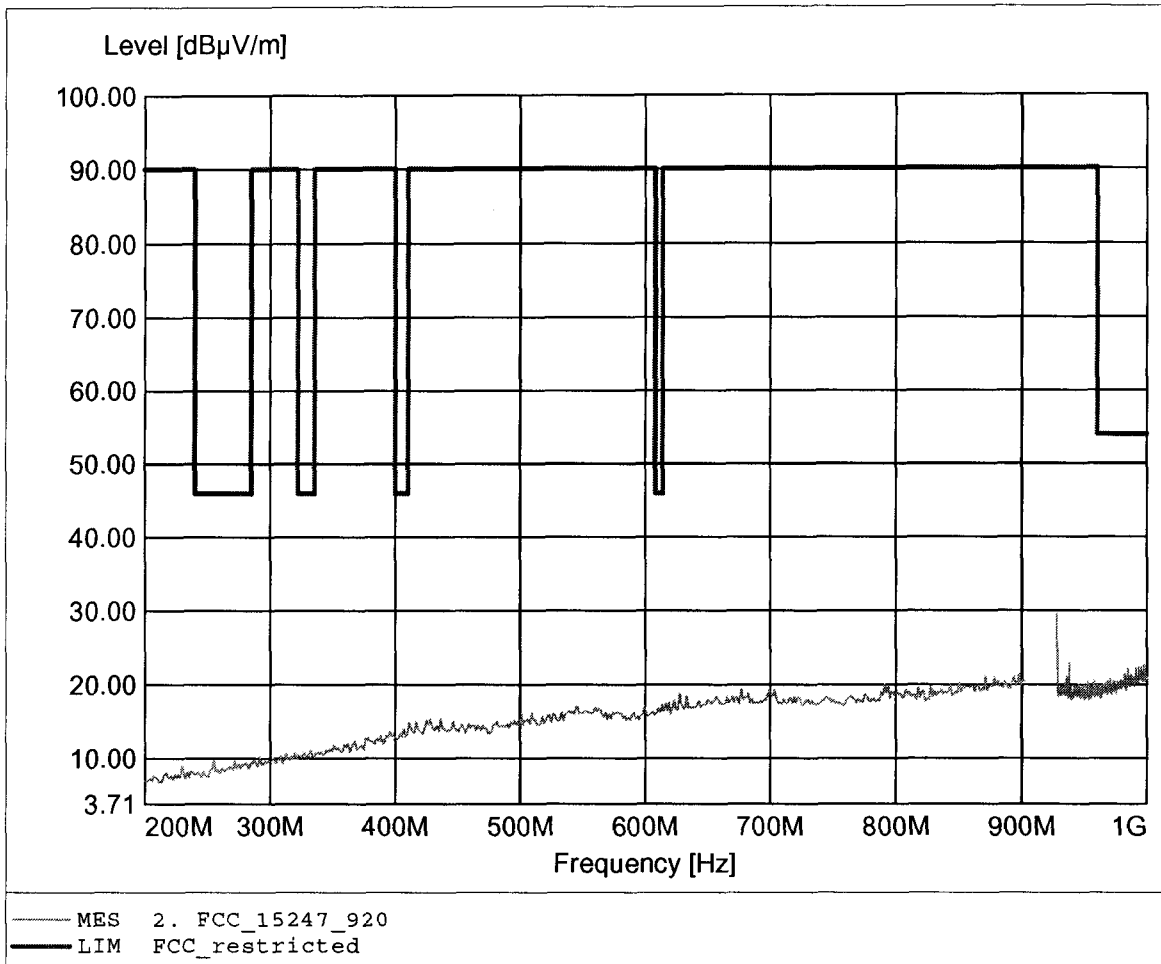
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.956MHz, Emax: 32.71dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

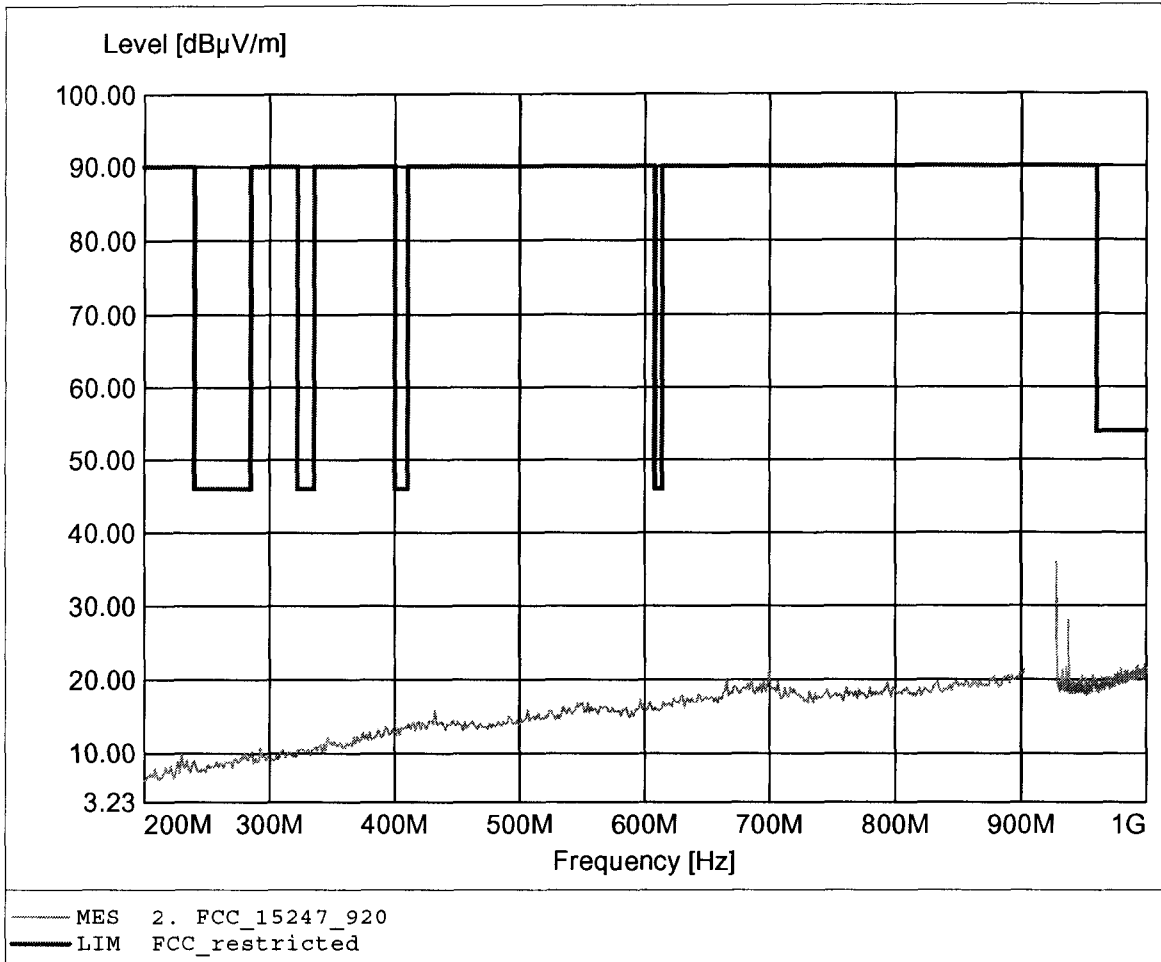
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 928.000MHZ, Emax: 29.47dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

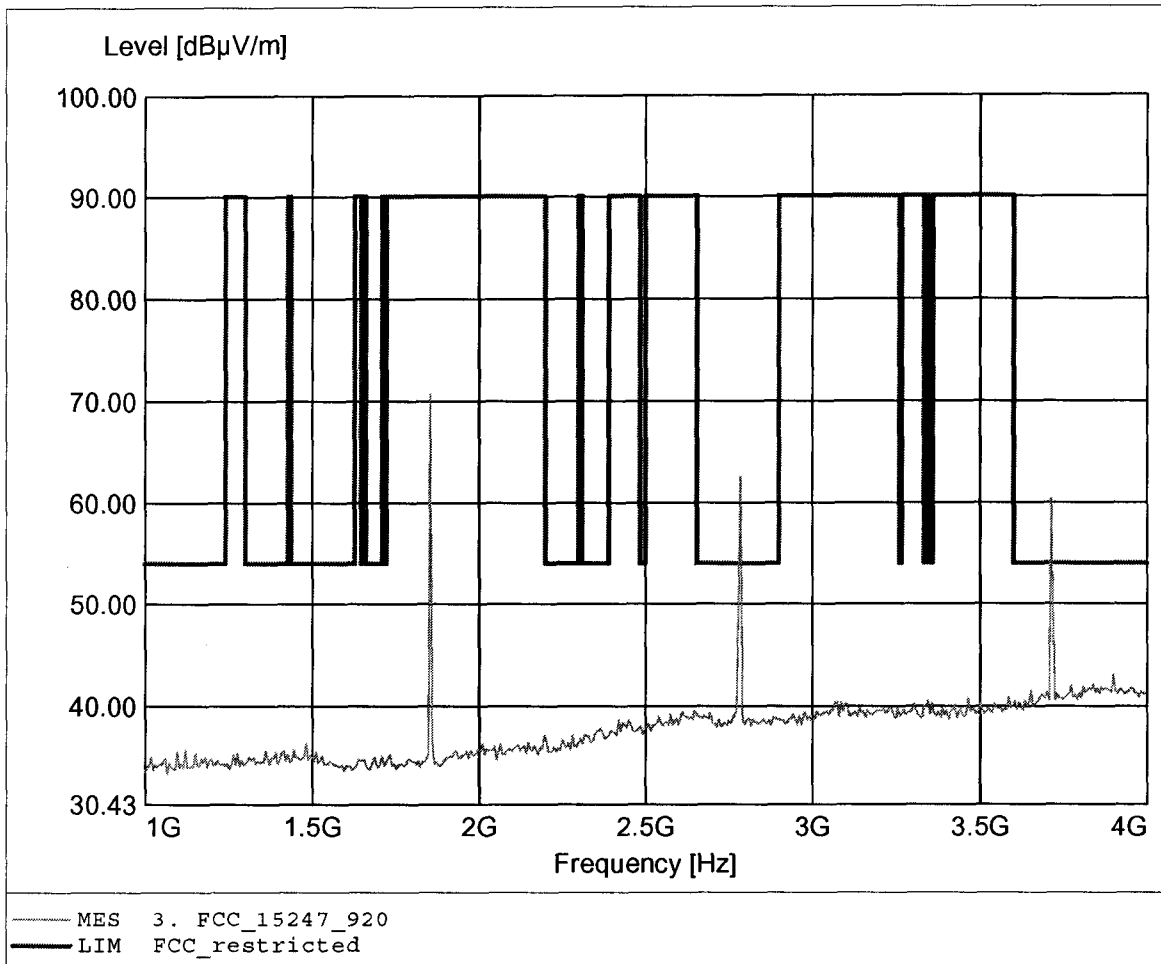
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 928.000MHz, Emax: 35.89dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

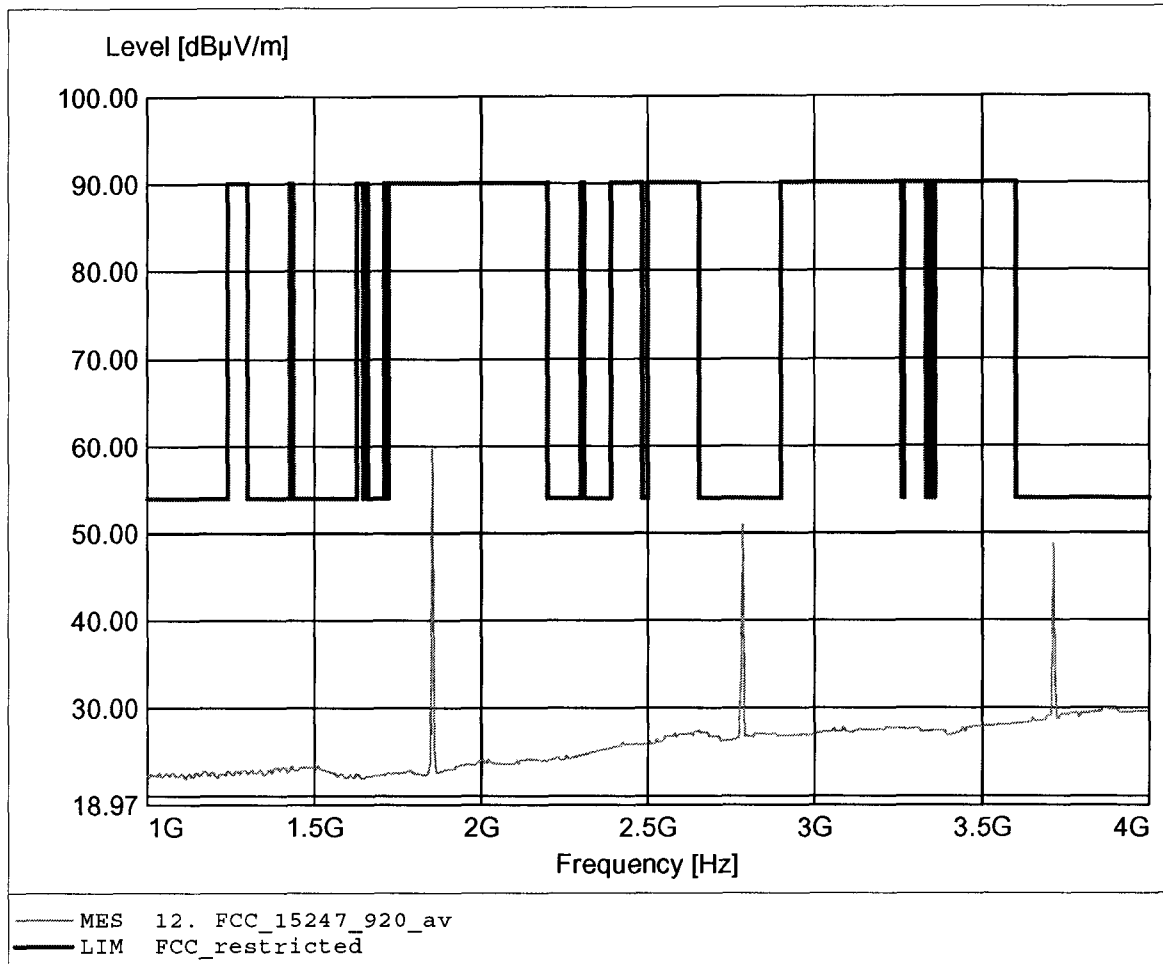
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.854GHz, Emax: 70.70dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

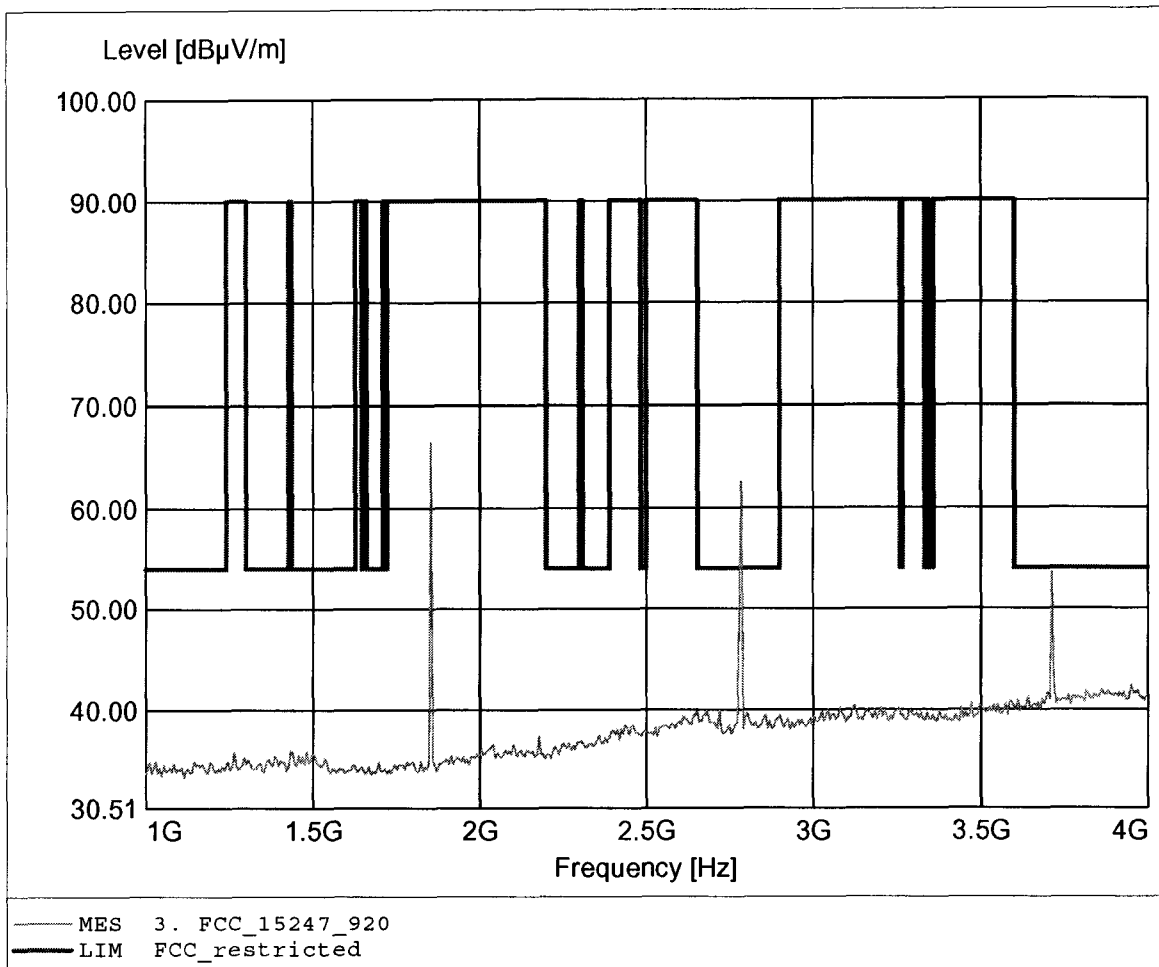
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.854GHz, Emax: 59.62dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

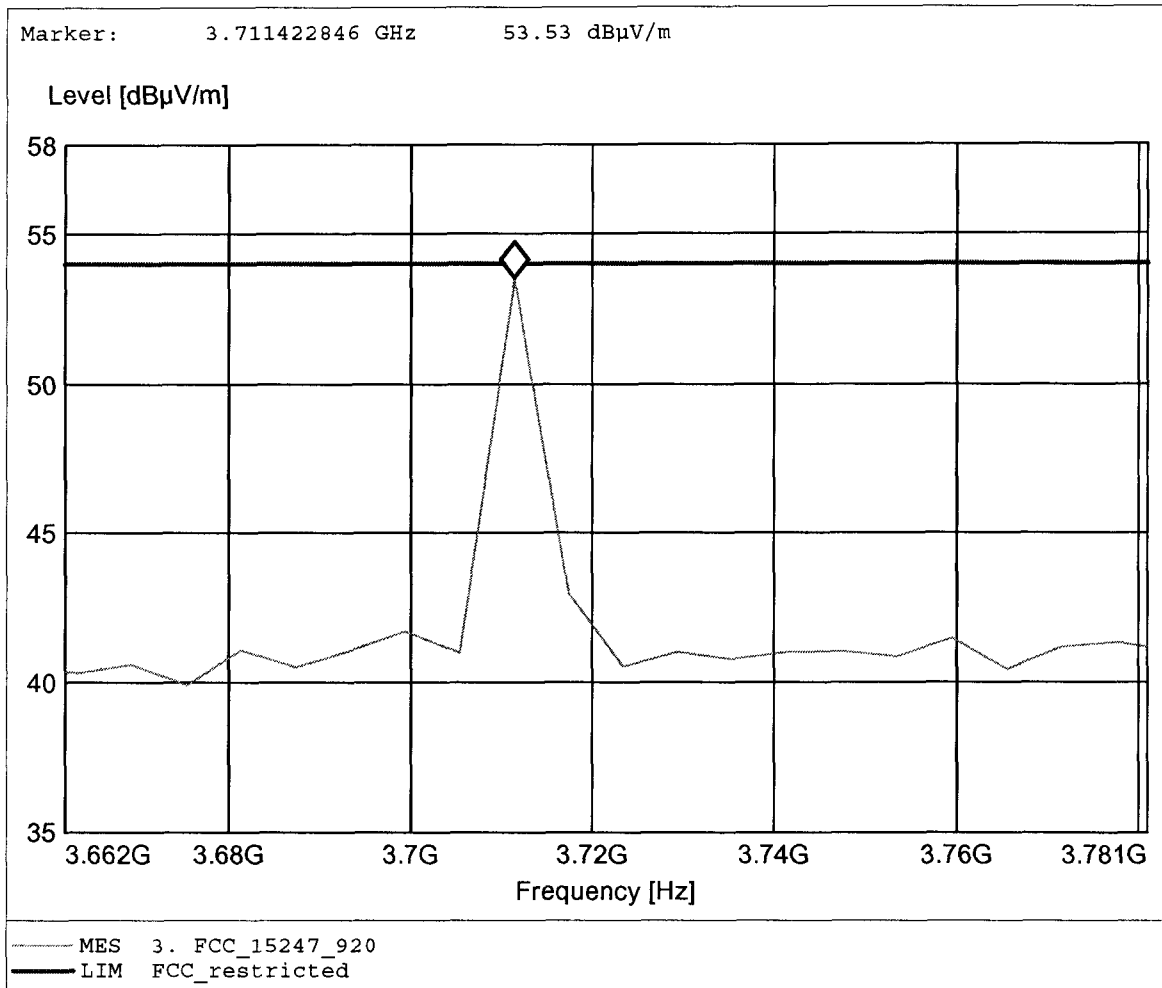
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.854GHz, Emax: 66.36dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

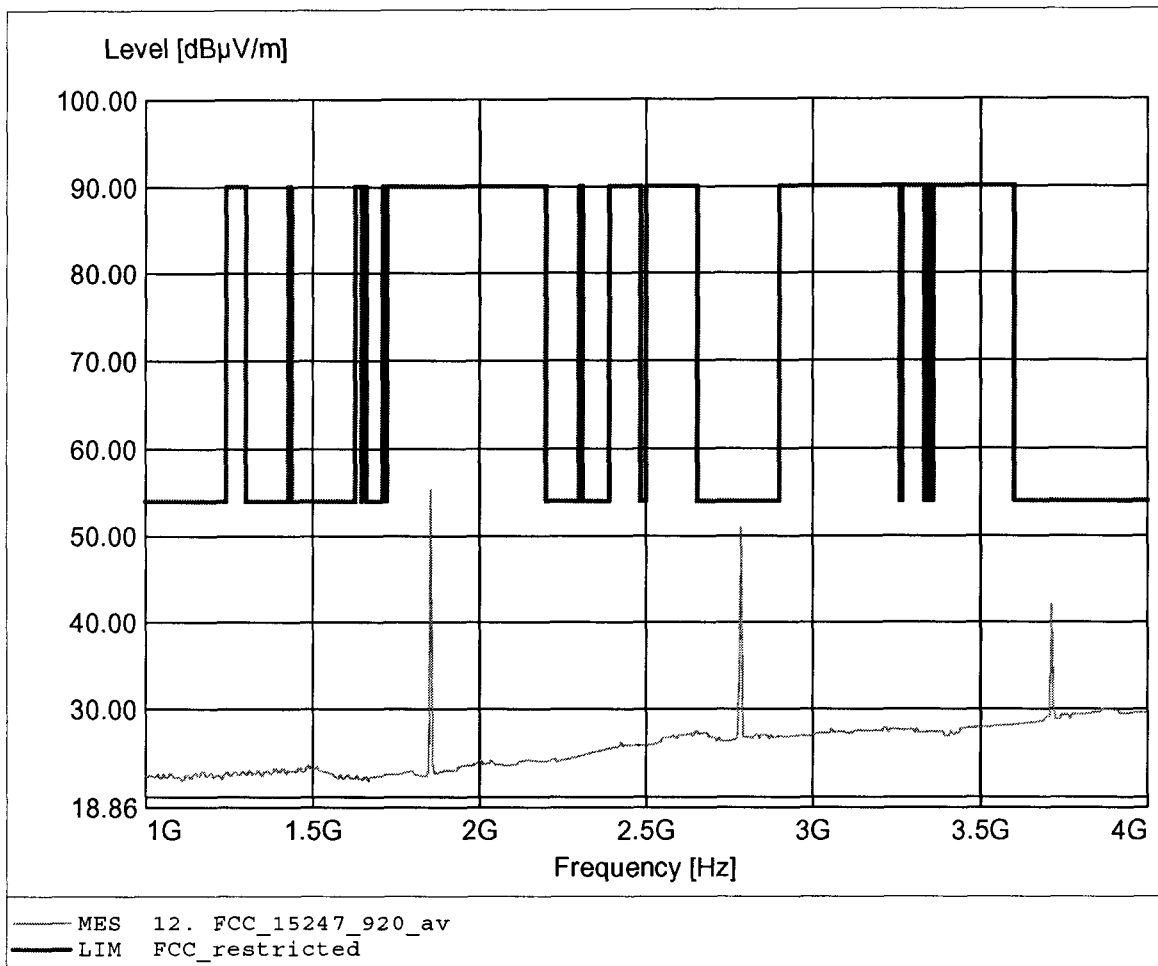
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.854GHz, Emax: 66.36dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

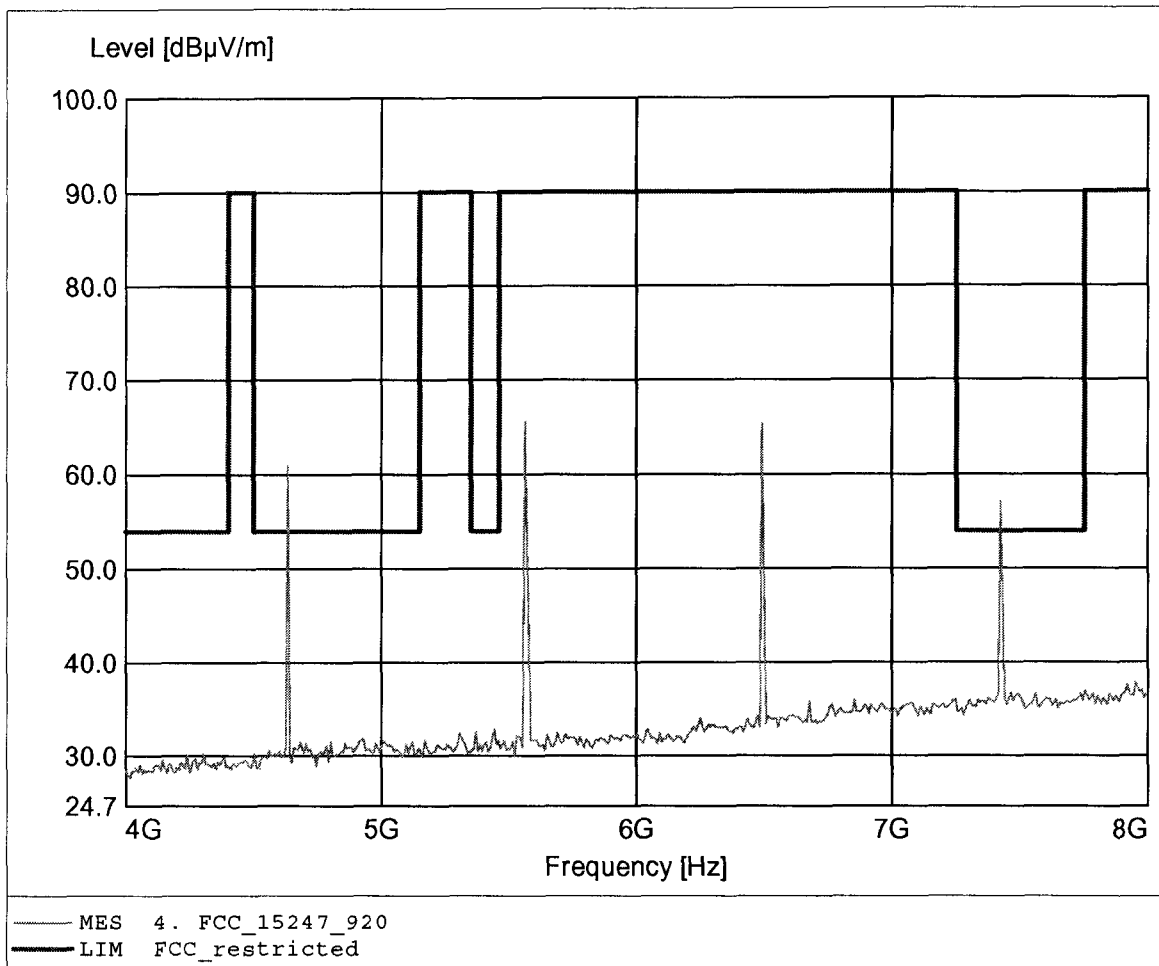
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.854GHz, Emax: 55.35dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

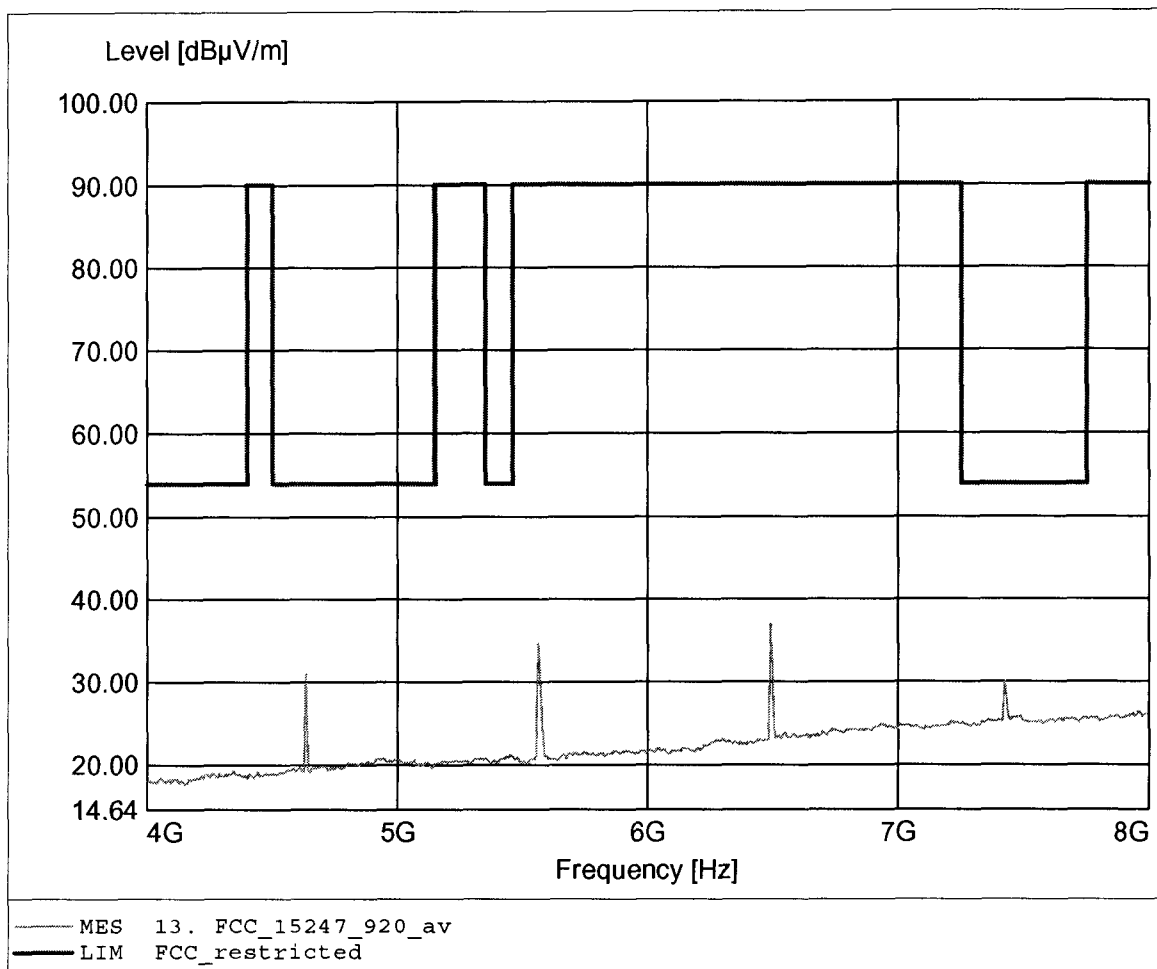
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.563GHz, Emax: 65.65dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

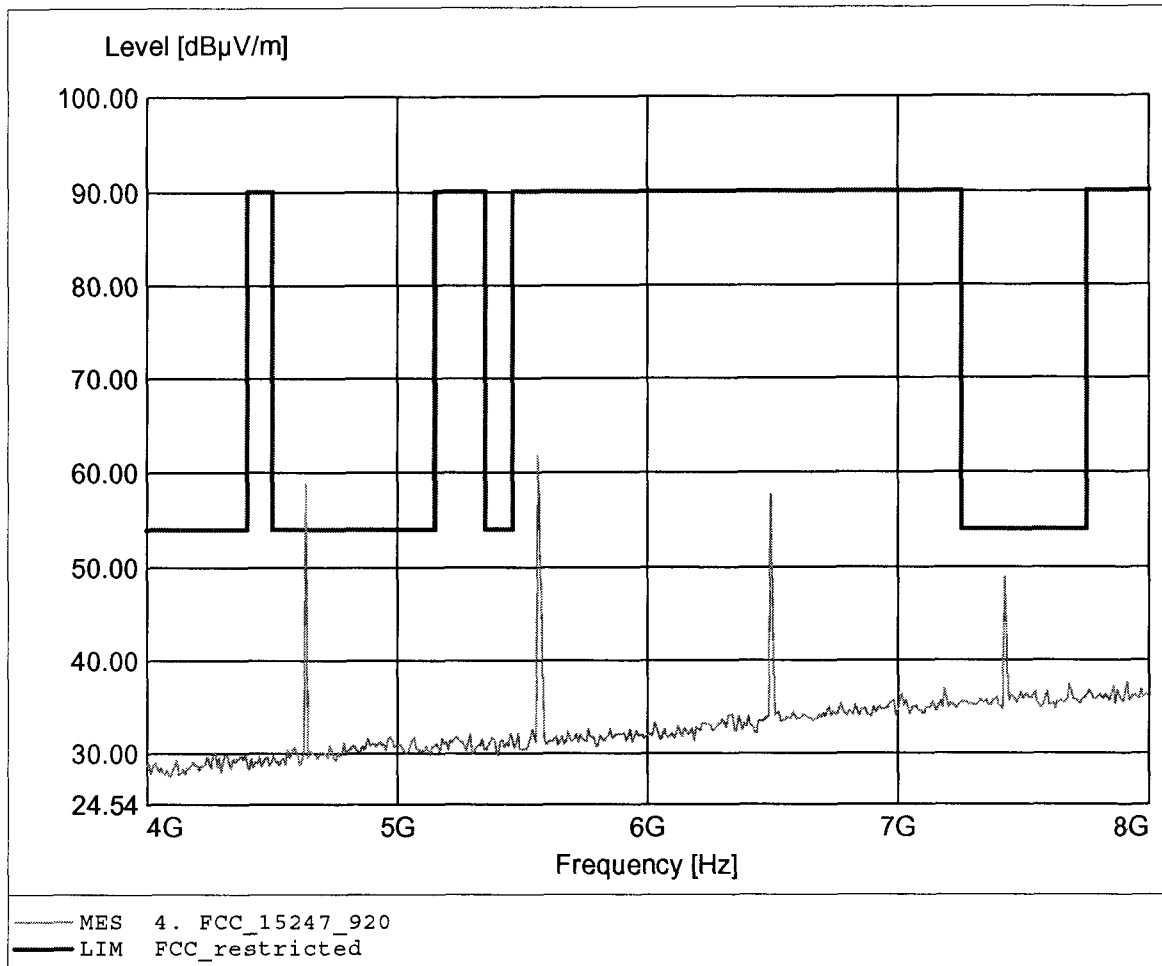
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.493GHz, Emax: 36.99dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

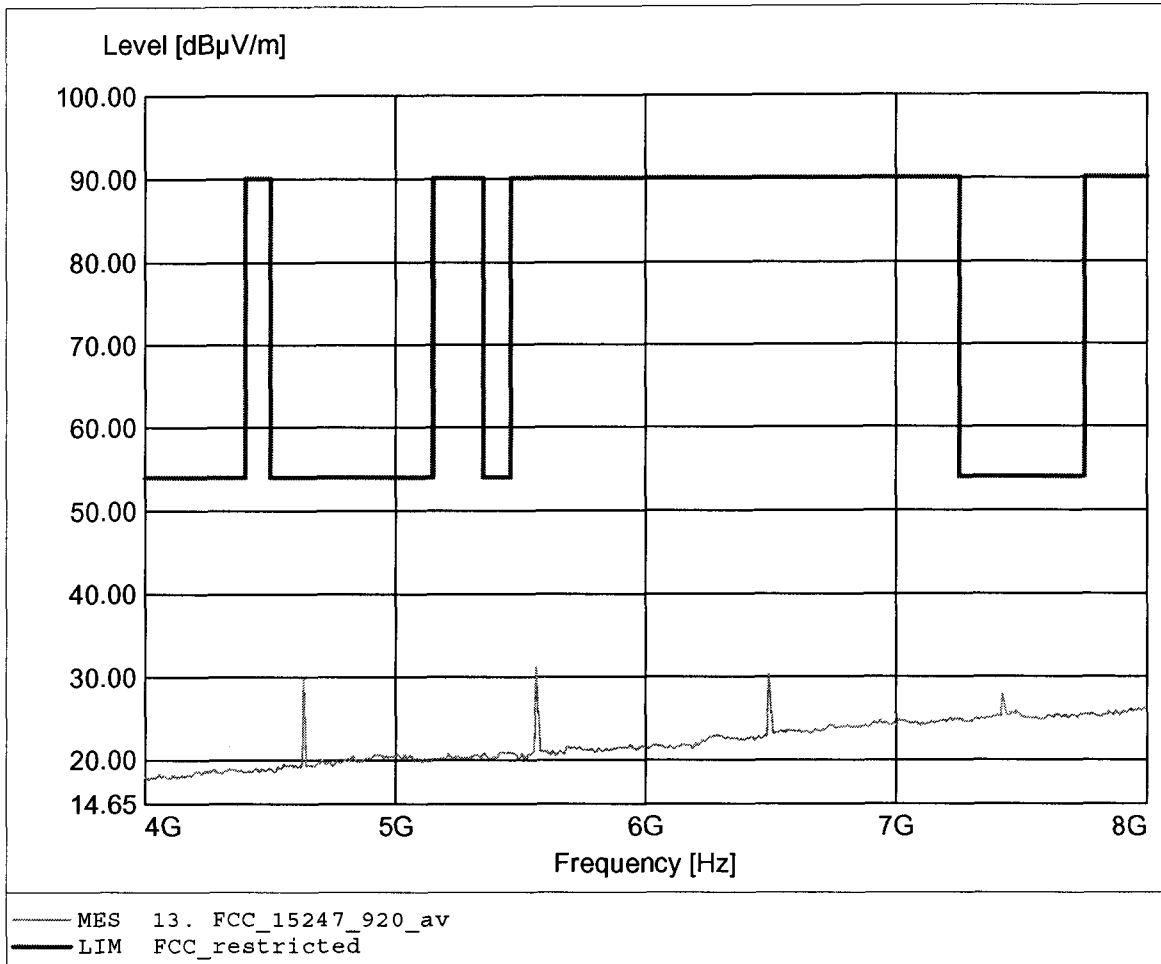
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.563GHz, Emax: 61.79dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

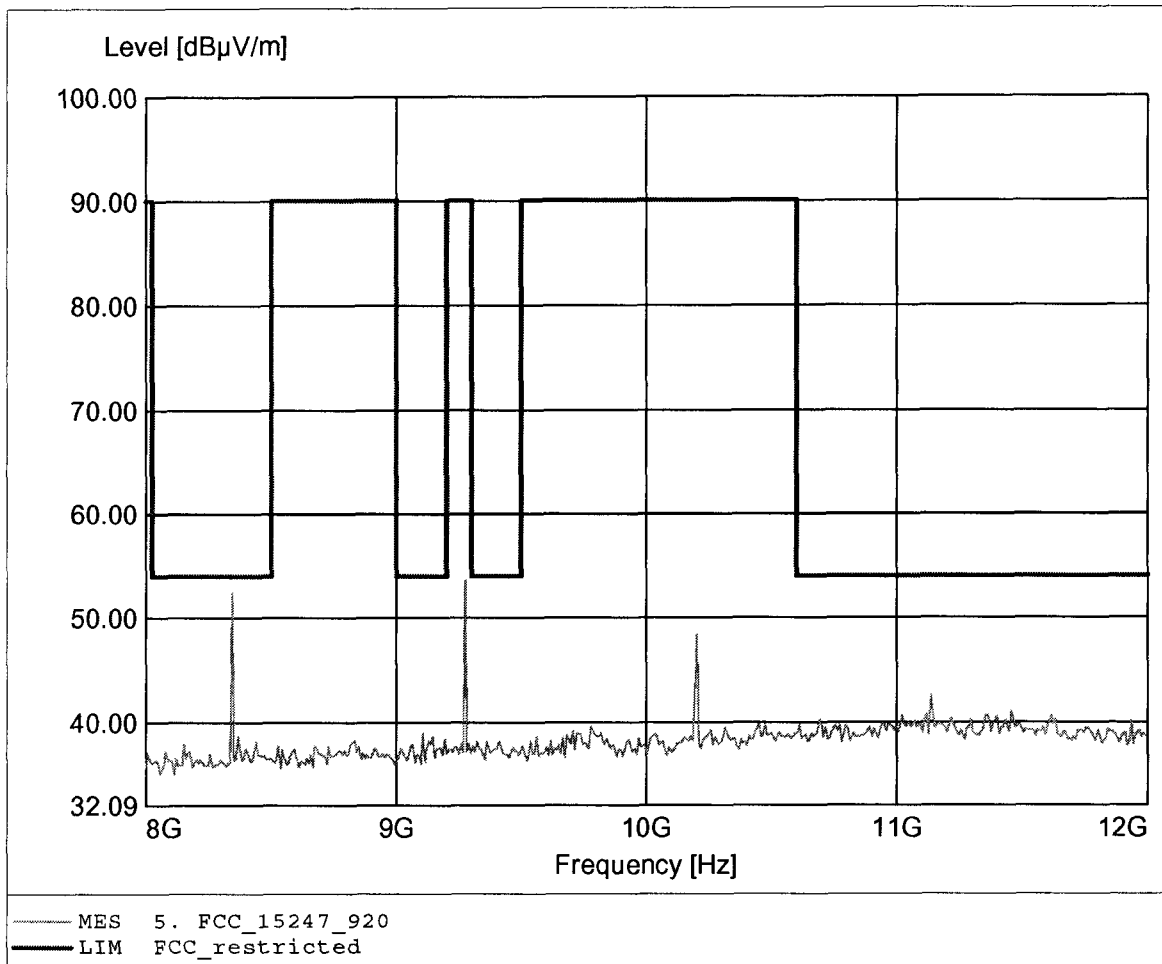
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.563GHz, Emax: 31.15dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

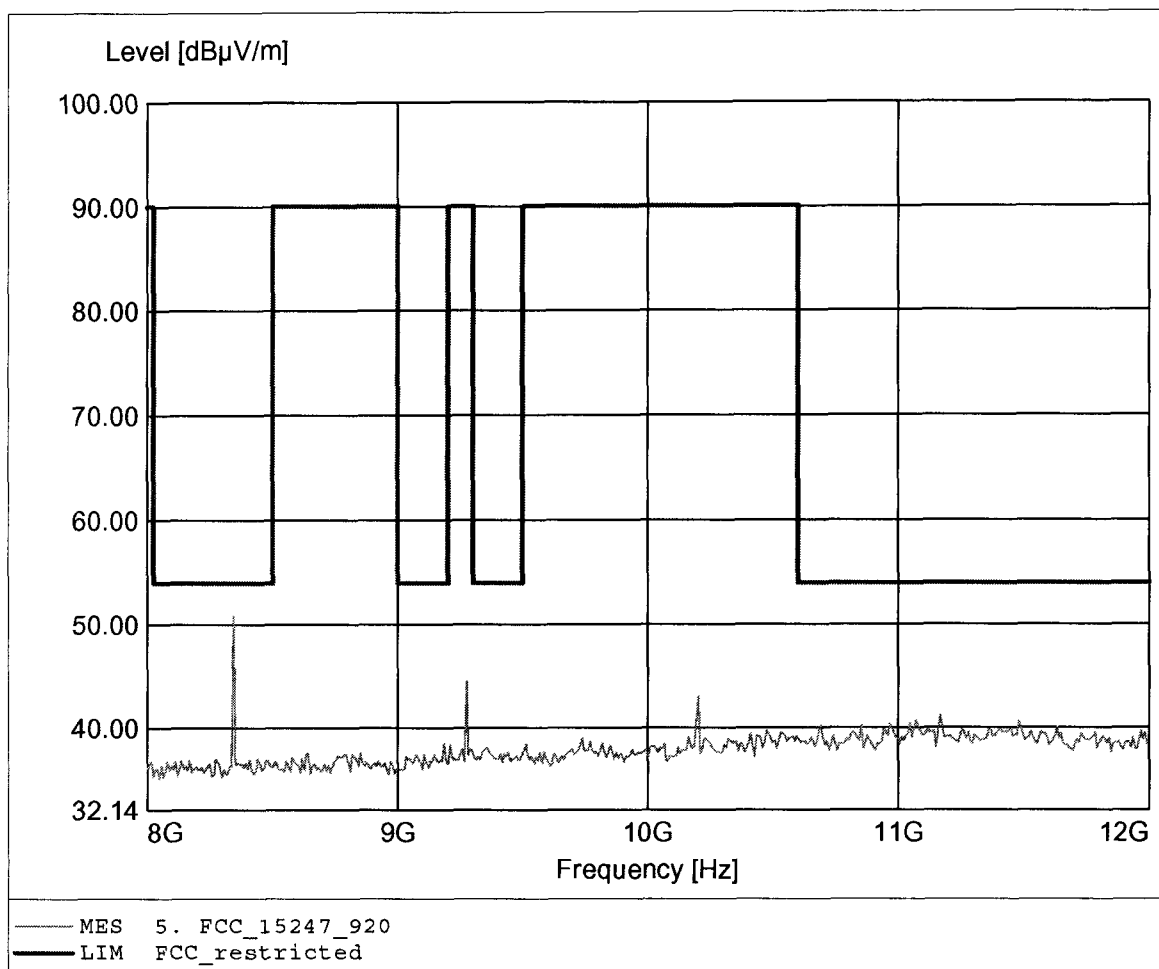
Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.275GHz, Emax: 53.61dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: MSA AUER GmbH
EUT: MSA Telemetry System
Model: ICM Tx R / Ch.: 52
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 6.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 8.345GHz, Emax: 50.84dBµV/m, RBW: 1MHz





Appendix D

Spurious Emissions conducted - Transmitter operating

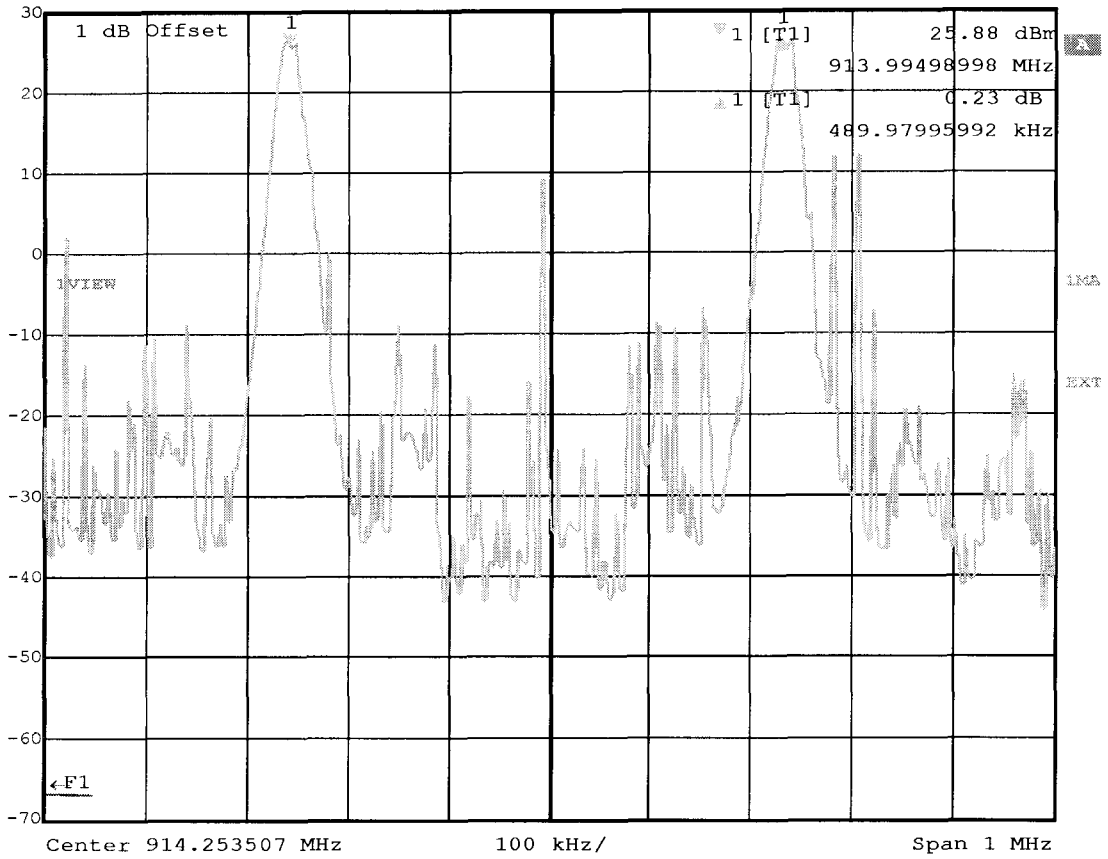


Appendix E

Carrier Frequency Separation



Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl 0.23 dB VBW 10 kHz
30 dBm 489.97995992 kHz SWT 25 ms Unit dBm



Center 914.253507 MHz 100 kHz/ Span 1 MHz
Title: Carrier Frequency separation
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 24.NOV.2005 15:04:16



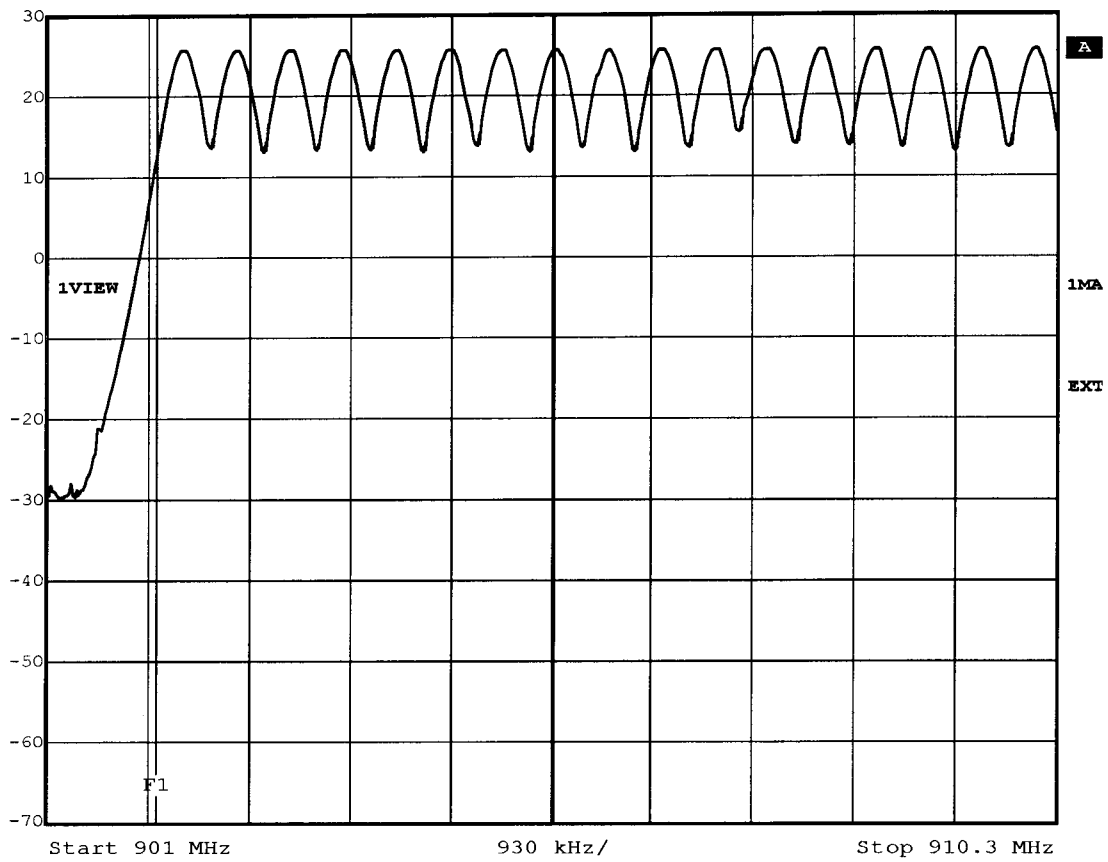
Appendix F

Number of Hopping Frequencies



Ref Lvl
30 dBm

RBW 200 kHz RF Att 60 dB
VBW 200 kHz
SWT 5 ms Unit dBm

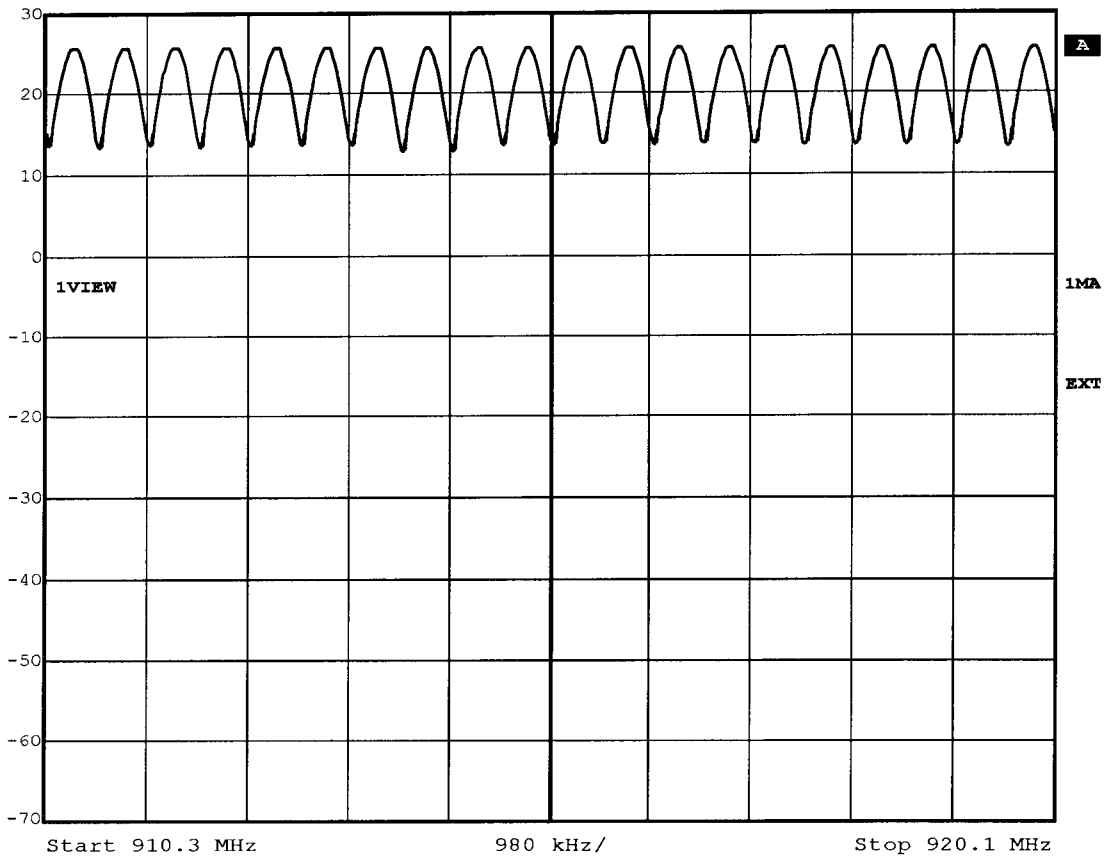


Title: Number of Hopping Frequencies Ch.: 0 - 16
Comment A:MSAAUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 10:12:57



Ref Lvl
30 dBm

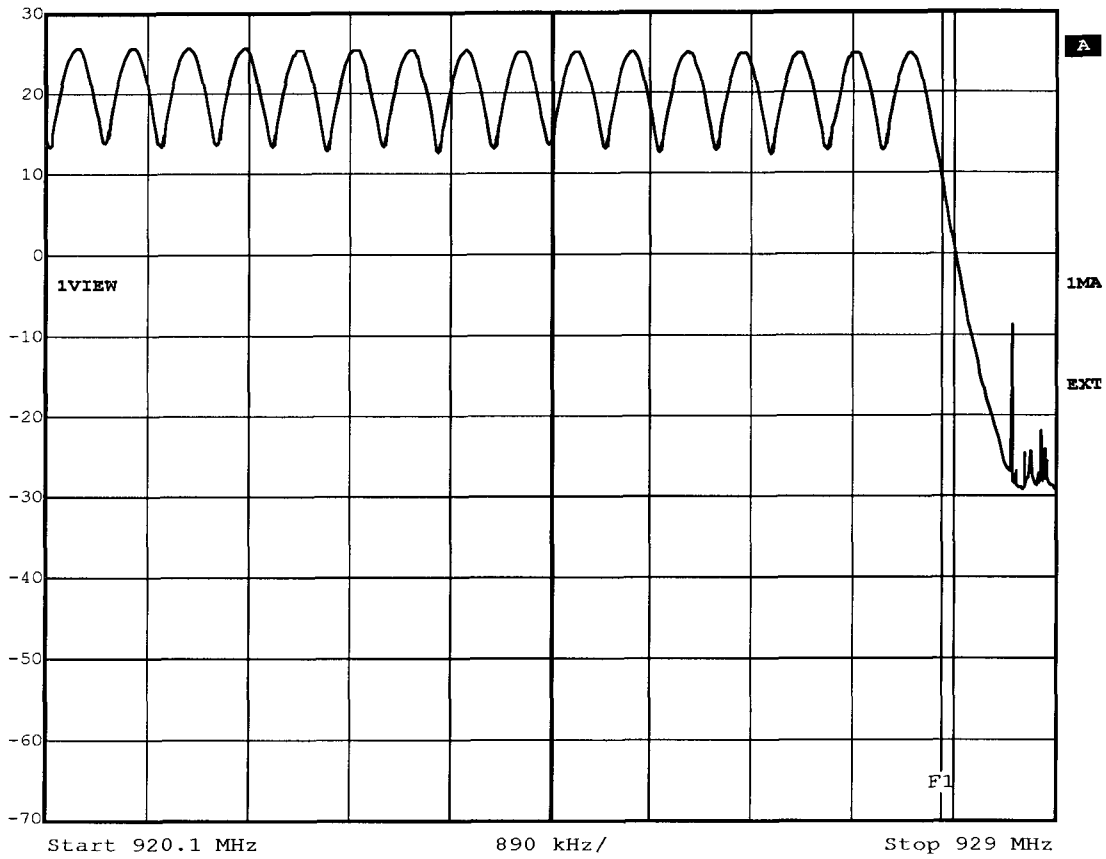
RBW 200 kHz RF Att 60 dB
VBW 200 kHz
SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 17 - 36
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 10:02:36



Ref Lvl 30 dBm RBW 200 kHz RF Att 60 dB
VBW 200 kHz
SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 37 - 52
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 10:09:45

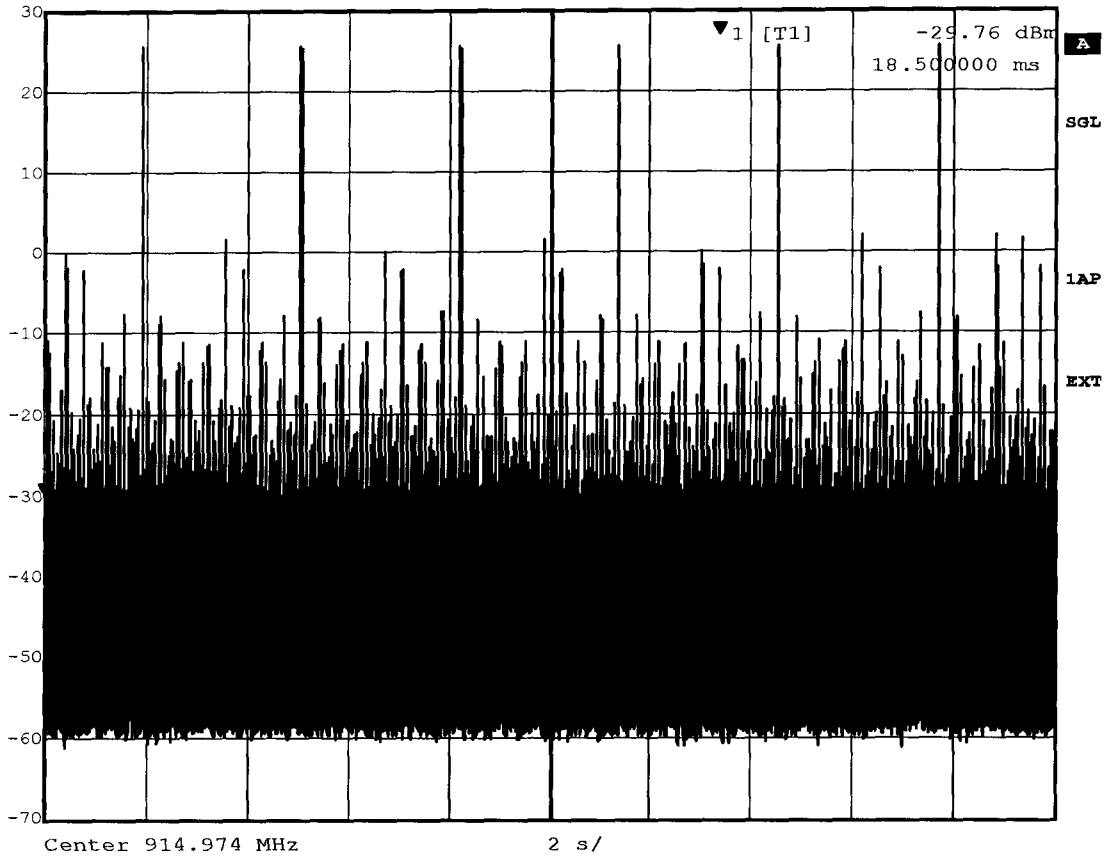


Appendix G

Time of Occupancy (Dwell Time)



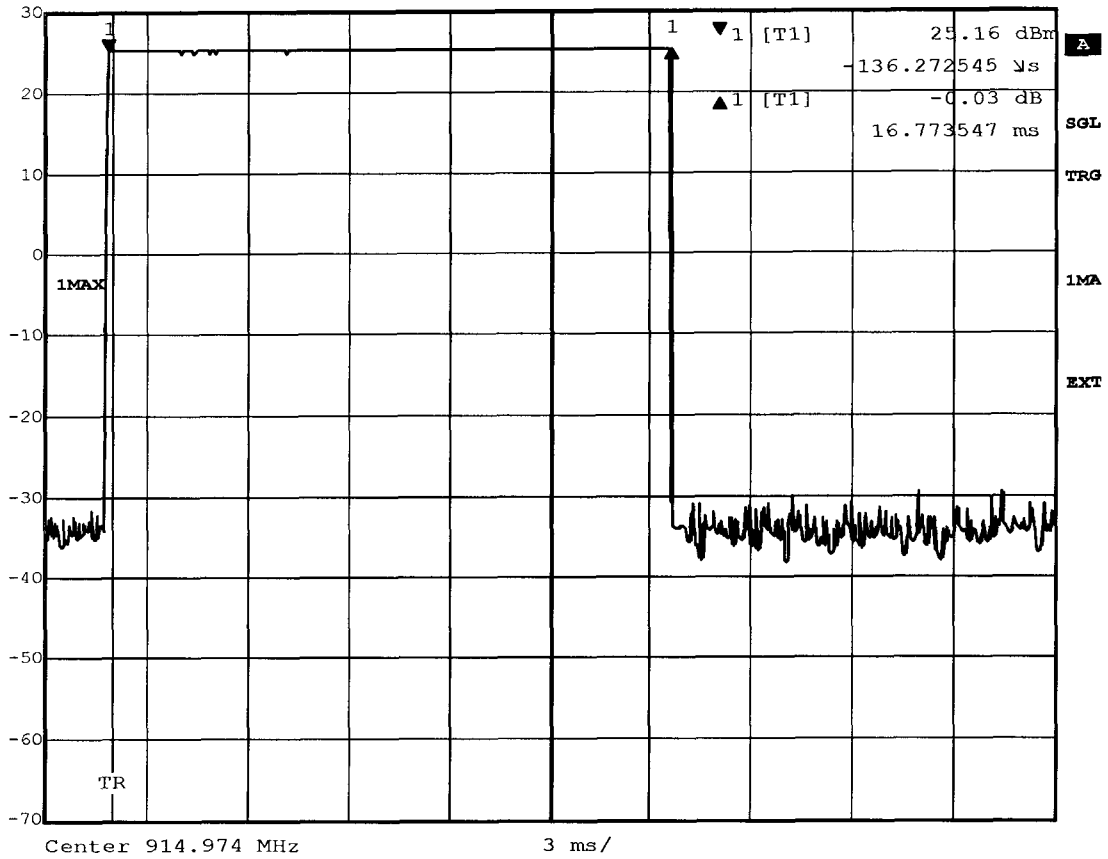
Marker 1 [T1] RBW 100 kHz RF Att 60 dB
Ref Lvl -29.76 dBm VBW 100 kHz
30 dBm 18.500000 ms SWT 20 s Unit dBm



Title: Time of occopancy: 6 events * 16.773ms = 100.6 ms
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 10:57:11



Delta 1 [T1] RBW 100 kHz RF Att 60 dB
Ref Lvl -0.03 dB VBW 100 kHz
30 dBm 16.773547 ms SWT 30 ms Unit dBm



Title: Duty Cycle periode
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 10:36:53

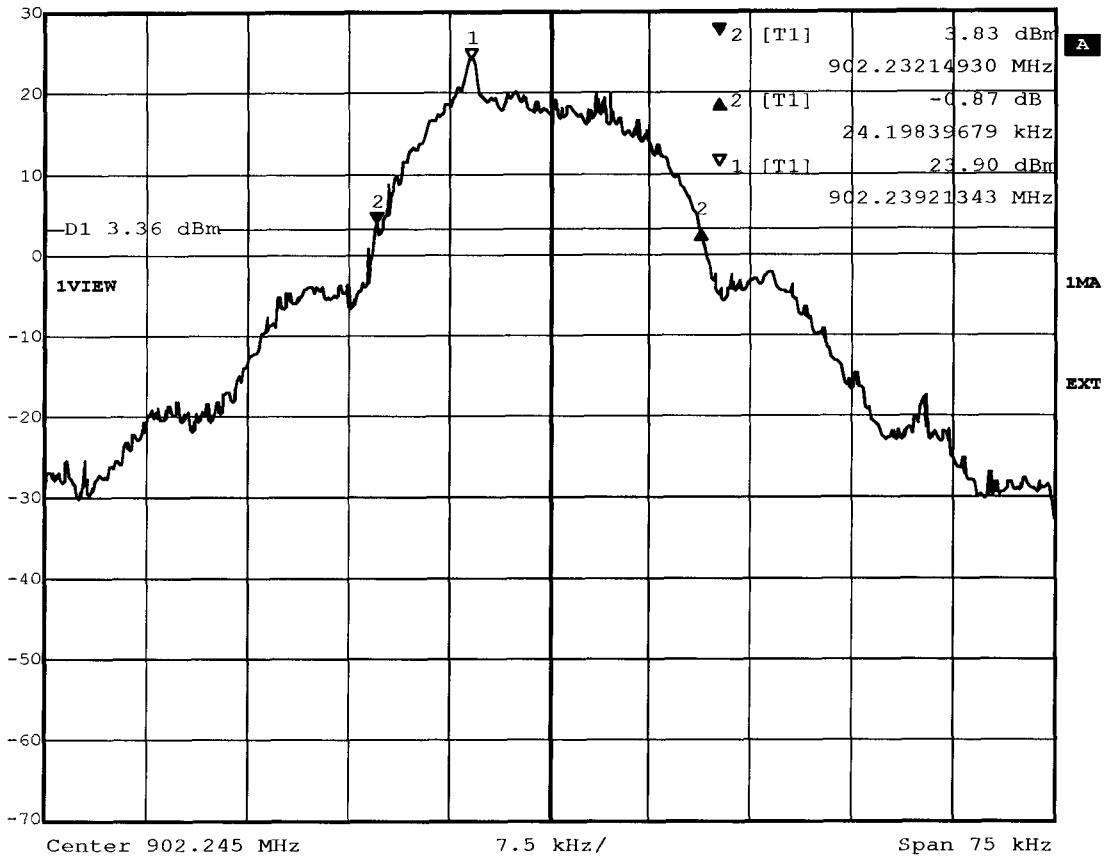


Appendix H

20dB Bandwidth



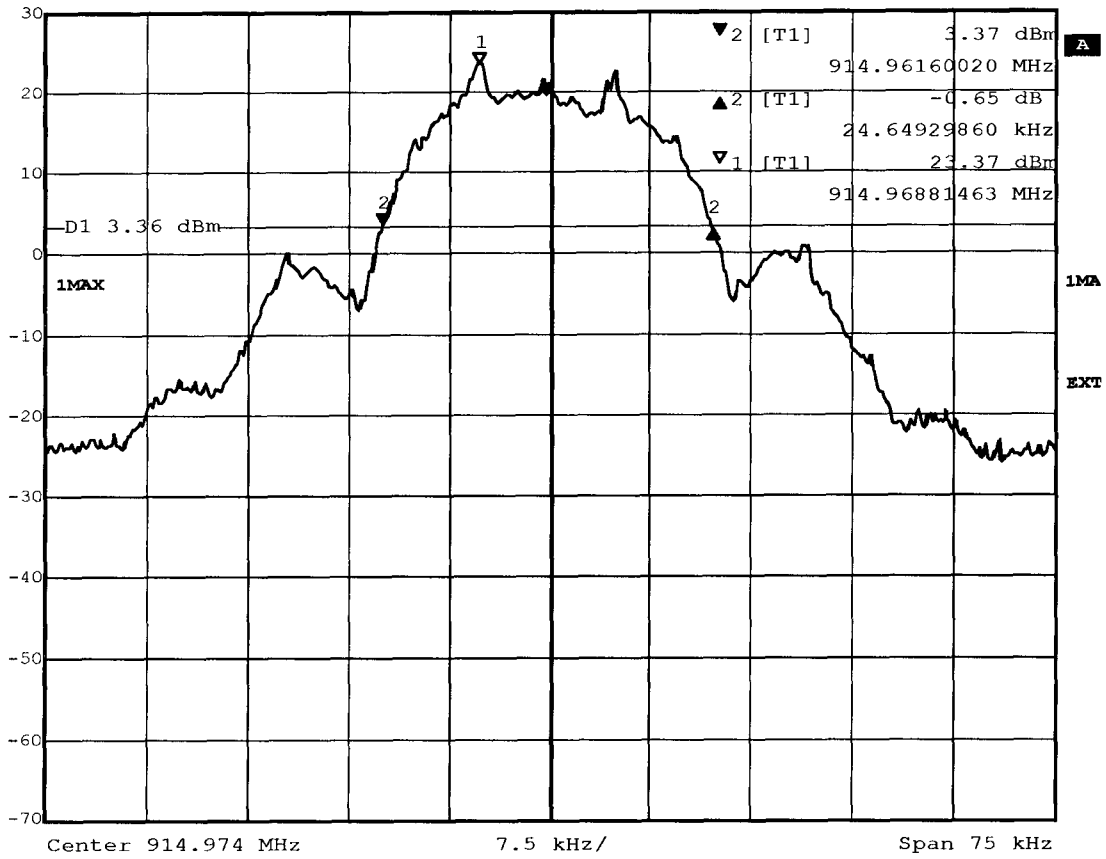
Delta 2 [T1] RBW 1 kHz RF Att 60 dB
Ref Lvl -0.87 dB VBW 1 kHz
30 dBm 24.19839679 kHz SWT 190 ms Unit dBm



Title: 20 dB Bandwidth Ch: 0
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 11:35:00



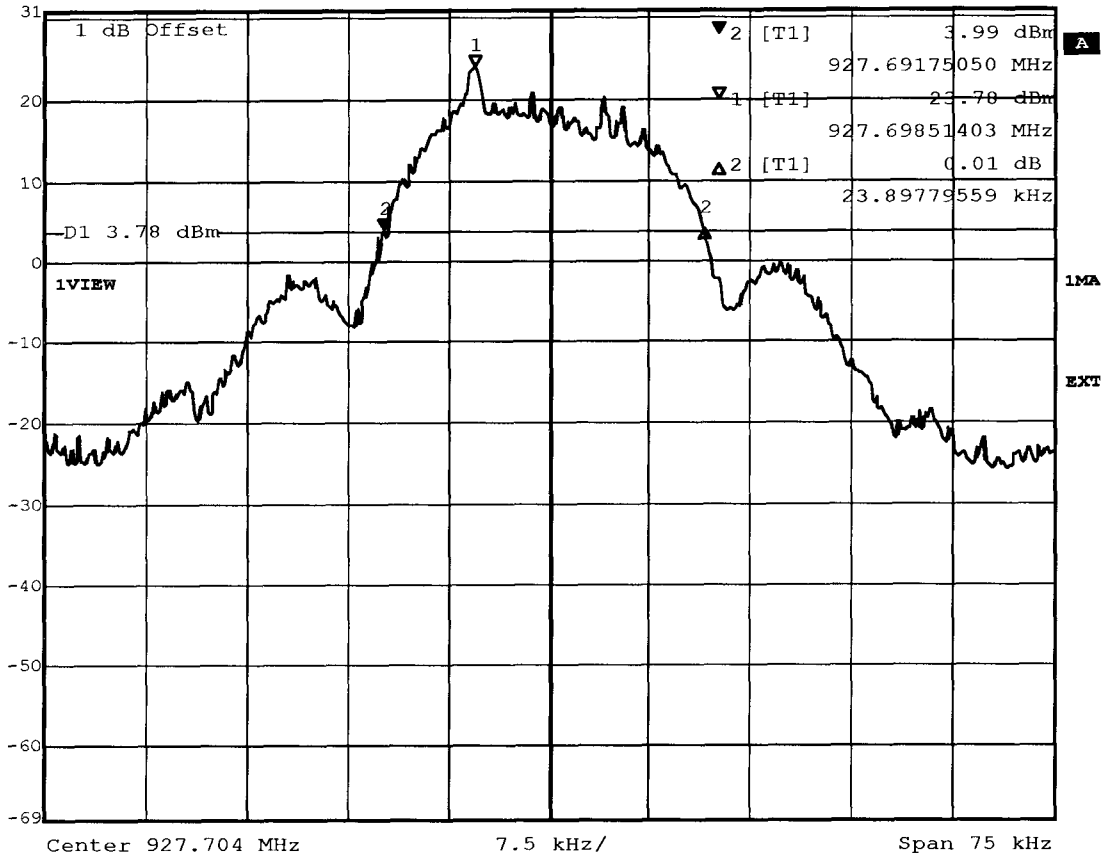
Delta 2 [T1] RBW 1 kHz RF Att 60 dB
Ref Lvl -0.65 dB VBW 1 kHz
30 dBm 24.64929860 kHz SWT 190 ms Unit dBm



Title: 20 dB Bandwidth Ch: 26
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 11:28:21



Marker 2 [T1] RBW 1 kHz RF Att 60 dB
Ref Lvl 3.99 dBm VBW 1 kHz
31 dBm 927.69175050 MHz SWT 190 ms Unit dBm



Title: 20 dB Bandwidth Ch.: 52
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 13:09:05

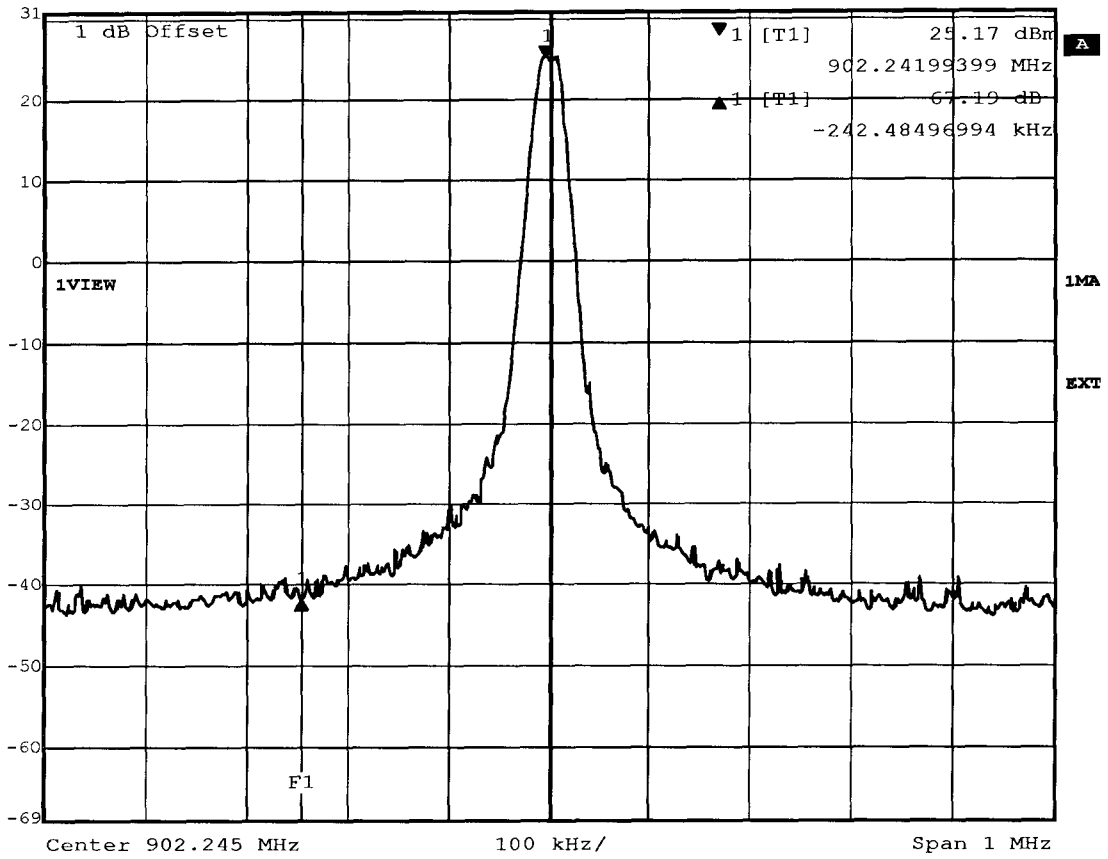


Appendix I

Band-edge Compliance of RF Emissions



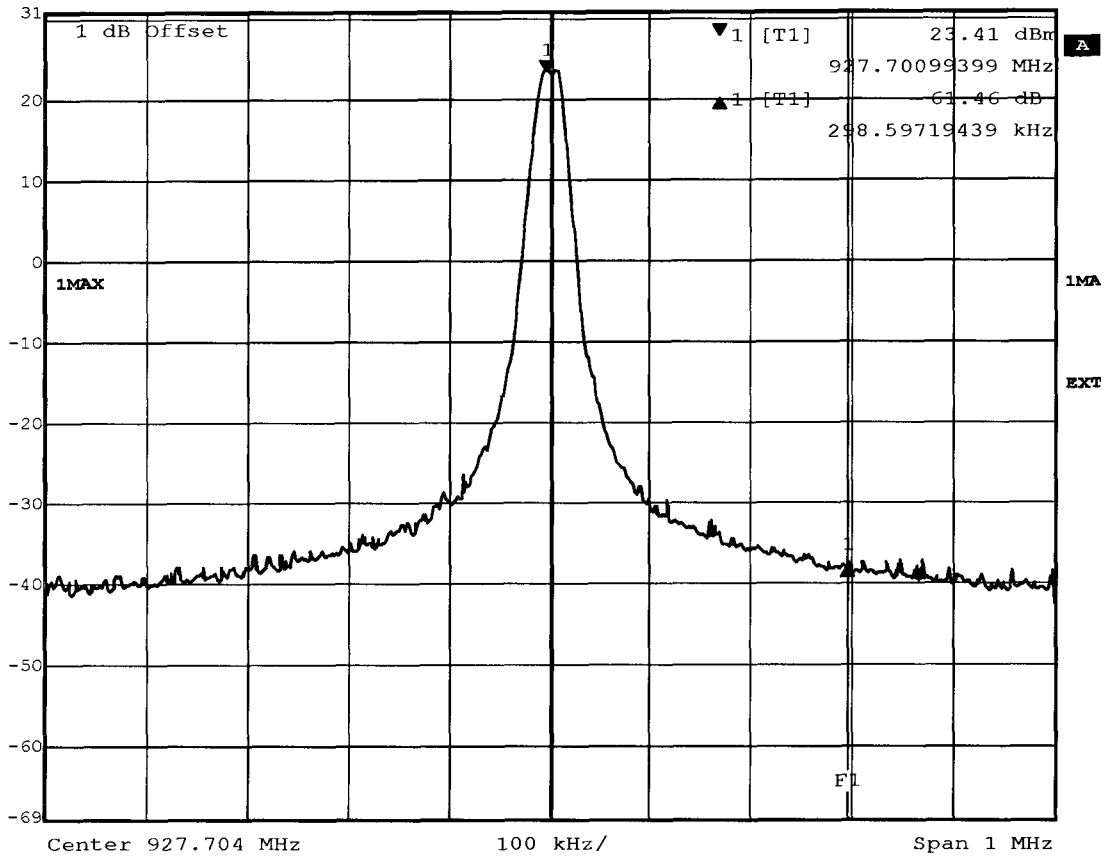
Delta 1 [T1] RBW 10 kHz RF Att 60 dB
Ref Lvl -67.19 dB VBW 10 kHz
31 dBm -242.48496994 kHz SWT 25 ms Unit dBm



Title: Band-edge compliance single frequency Ch.: 0
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 13:25:07



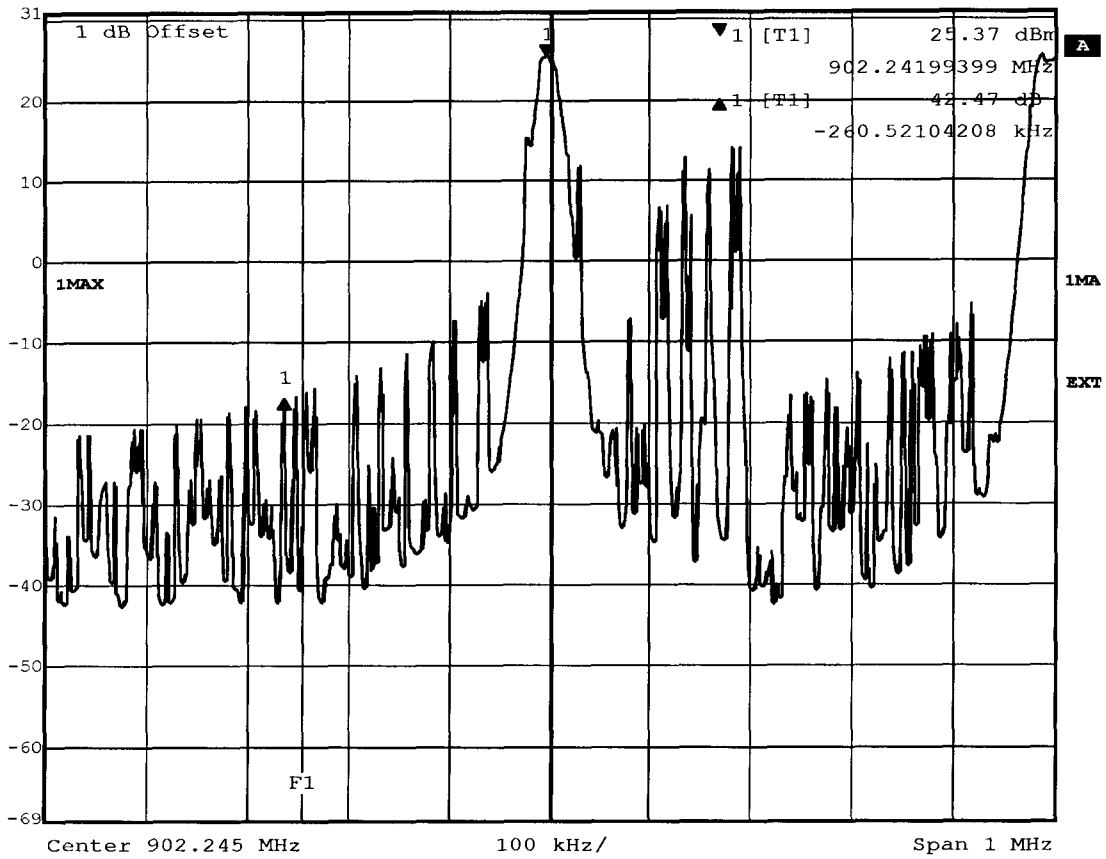
Delta 1 [T1] RBW 10 kHz RF Att 60 dB
Ref Lvl -61.46 dB VBW 10 kHz
31 dBm 298.59719439 kHz SWT 25 ms Unit dBm



Title: Band-edge compliance single frequency Ch.: 52
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 13:15:19



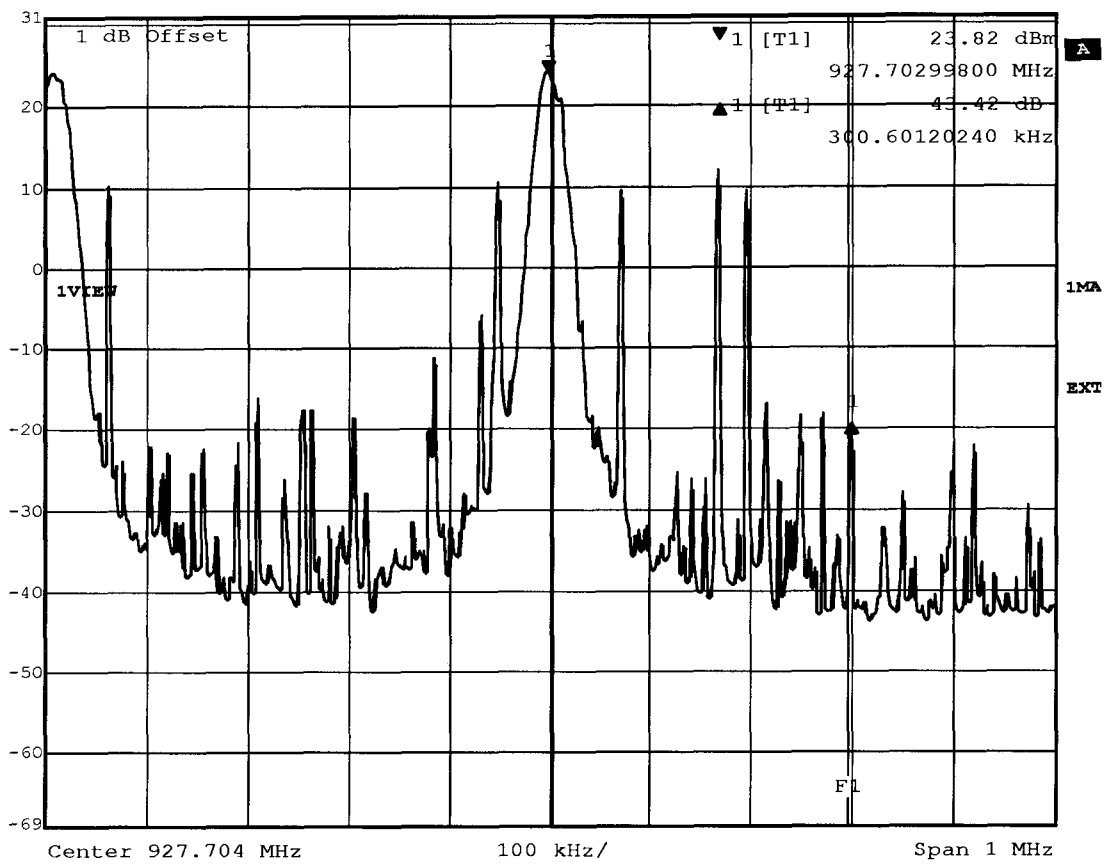
Delta 1 [T1] RBW 10 kHz RF Att 60 dB
Ref Lvl -42.47 dB VBW 10 kHz
31 dBm -260.52104208 kHz SWT 25 ms Unit dBm



Title: Band-edge compliance hoppingsingle frequency Ch.: 0
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 14:20:39



Delta 1 [T1] RBW 10 kHz RF Att 60 dB
Ref Lvl -43.42 dB VBW 10 kHz
31 dBm 300.60120240 kHz SWT 25 ms Unit dBm



Title: Band-edge compliance hoppingsingle frequency Ch.: 52
Comment A: MSA AUER GmbH / LRR-Module 915 MHz / Ex(potted)
Date: 25.NOV.2005 14:23:40



Appendix J

Conducted Measurement at (AC) Power Line