

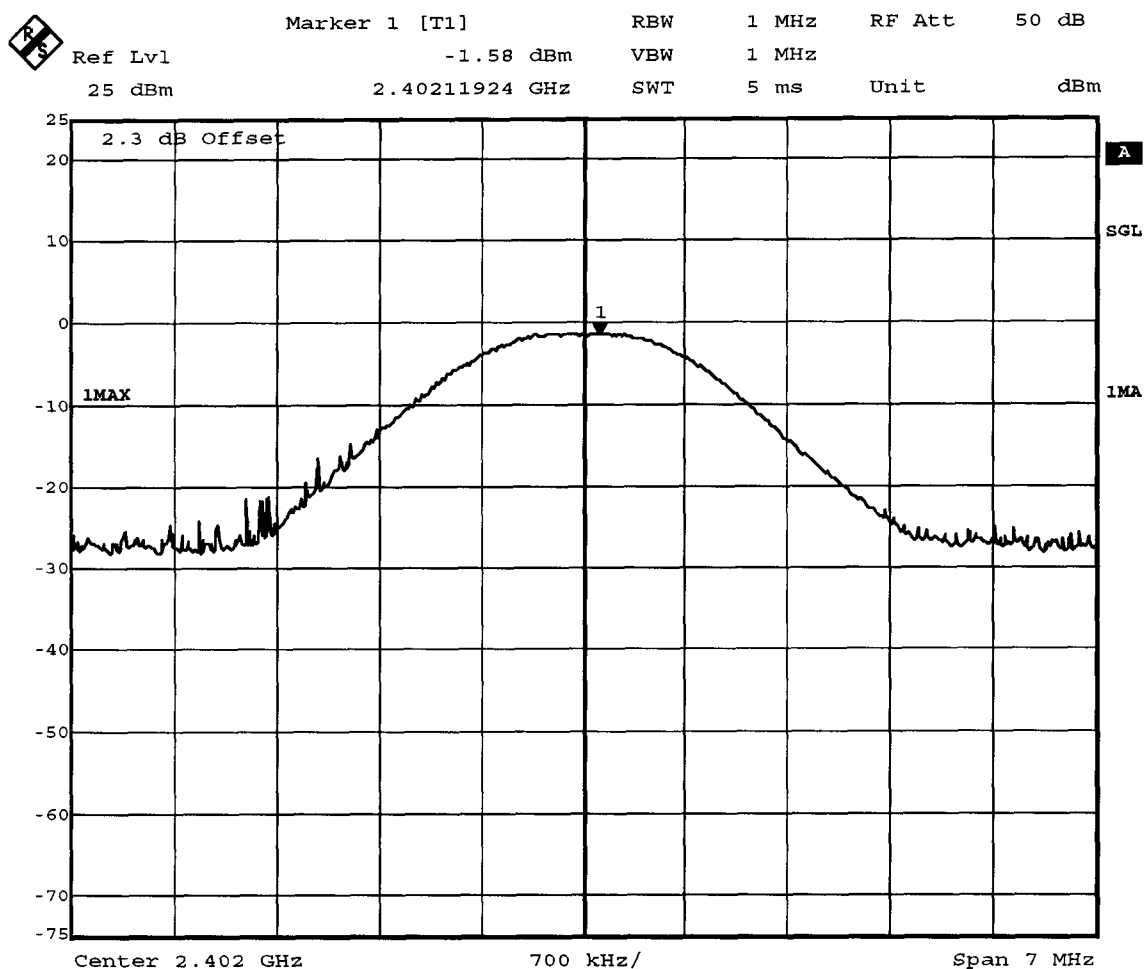
Appendix B

RF power output conducted

FCC part 15.247

Peak output power conducted

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(b) |
| Test Case | Peak output power |
| Comment 1 | Channel: 0 / 2402 MHz |
| Comment 2 | |



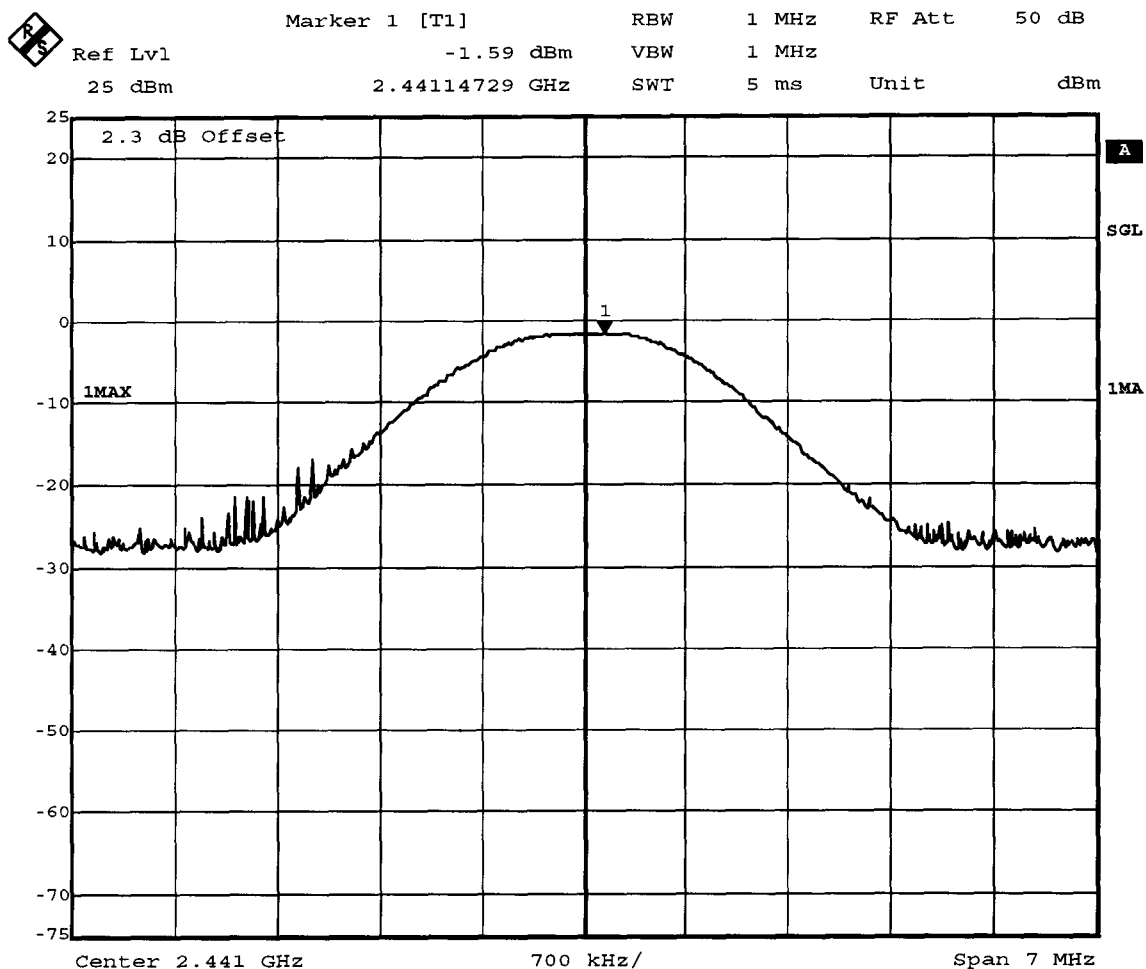
Date: 28.APR.2006 10:47:34

Measurement diagram

FCC part 15.247

Peak output power conducted

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(b) |
| Test Case | Peak output power |
| Comment 1 | Channel: 39 / 2441 MHz |
| Comment 2 | |



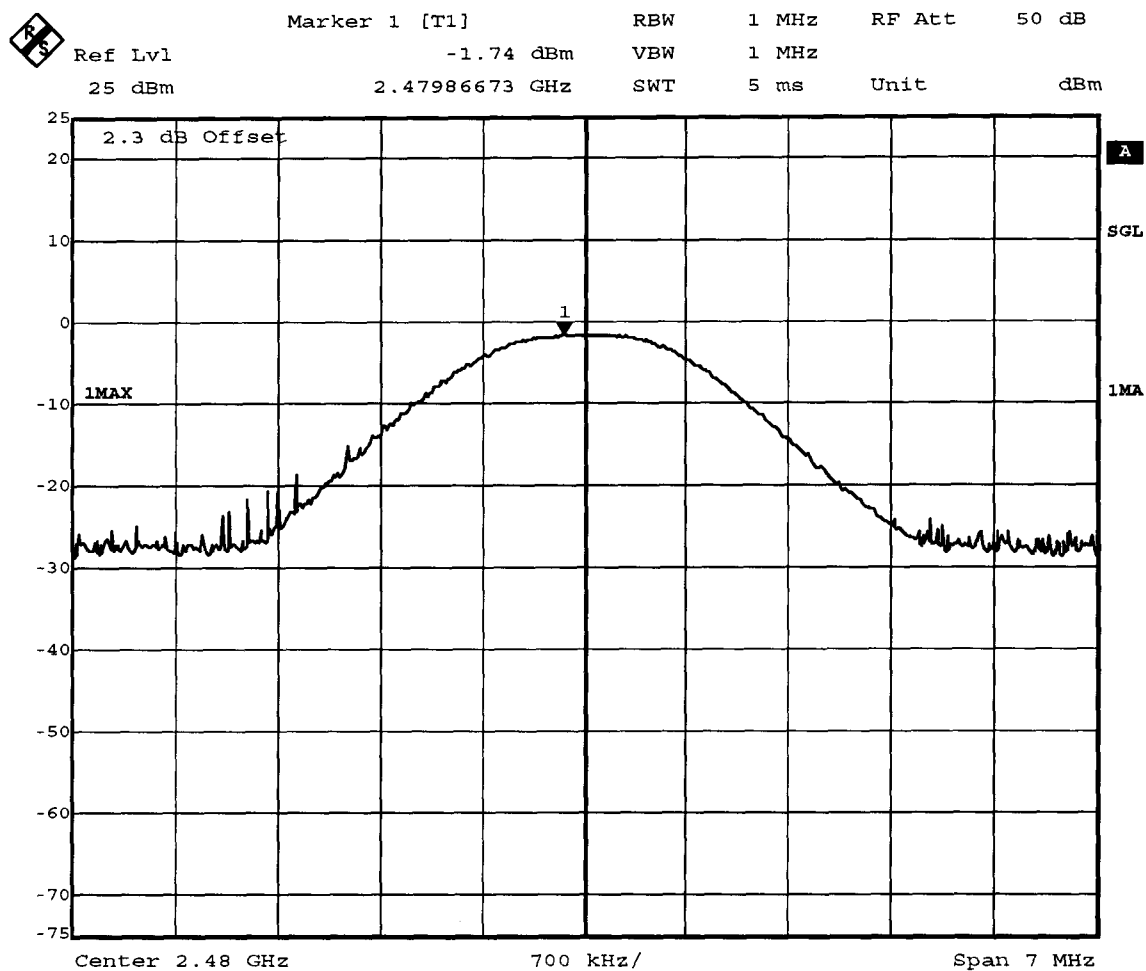
Date: 28.APR.2006 10:39:07

Measurement diagram

FCC part 15.247

Peak output power conducted

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(b) |
| Test Case | Peak output_power |
| Comment 1 | Channel.: 78 / 2480 MHz |
| Comment 2 | |



Date: 28.APR.2006 10:53:45

Measurement diagram

Appendix C

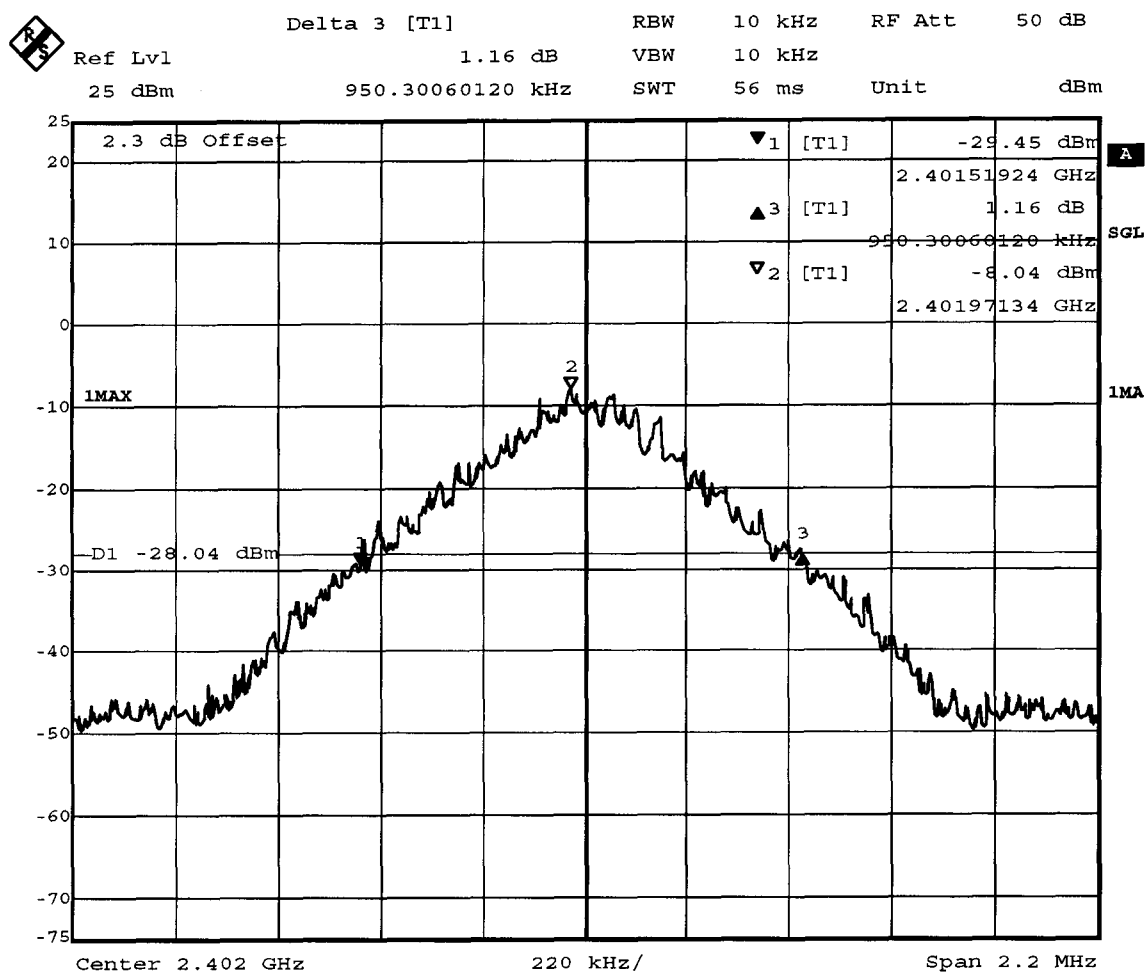
RF power output radiated (EIRP)

Appendix D

20 dB bandwidth

FCC part 15.247
20 dB bandwidth

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | 20 dB bandwidth |
| Comment 1 | Channel.: 0 / 2402 MHz |
| Comment 2 | |

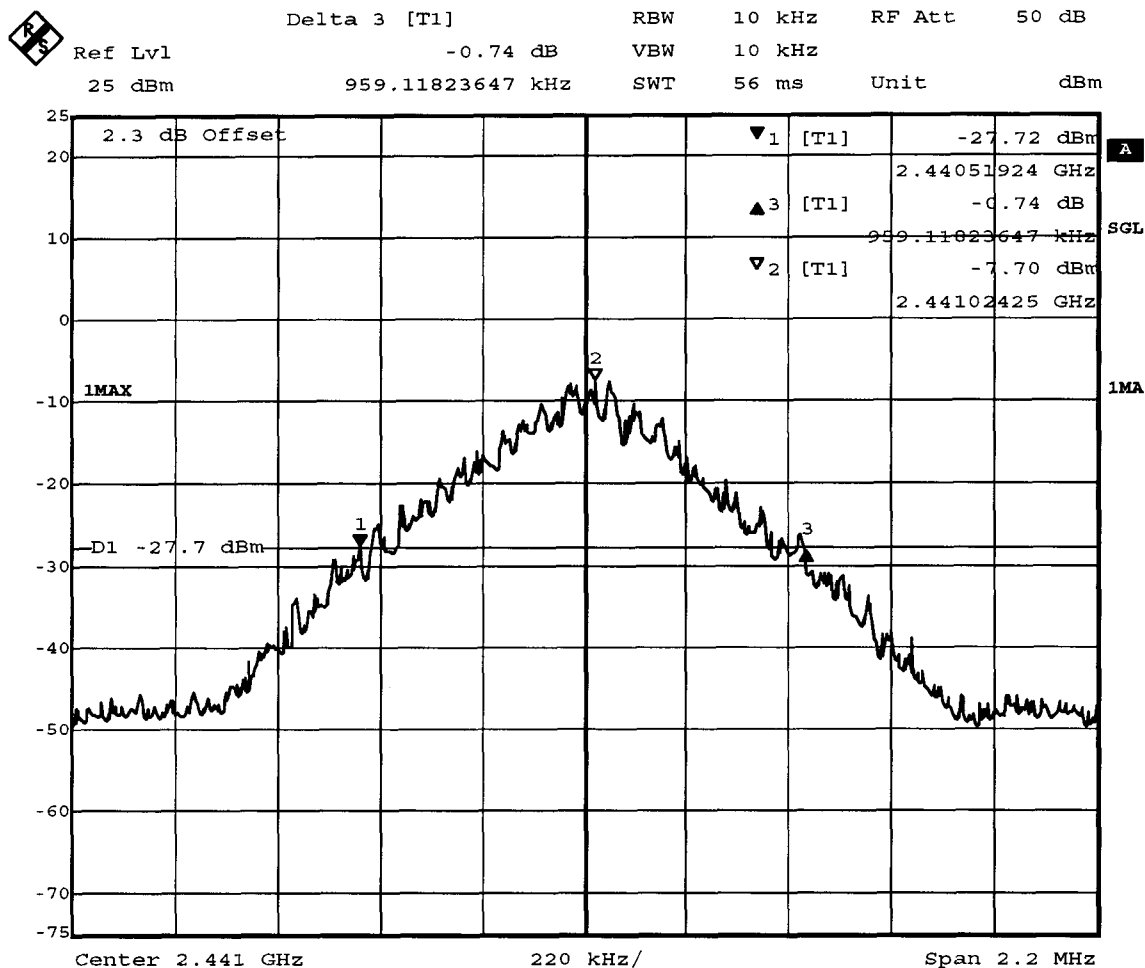


Date: 28.APR.2006 10:59:29

Measurement diagram

FCC part 15.247
20 dB bandwidth

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | 20 dB bandwidth |
| Comment 1 | Channel.: 39 / 2441 MHz |
| Comment 2 | |

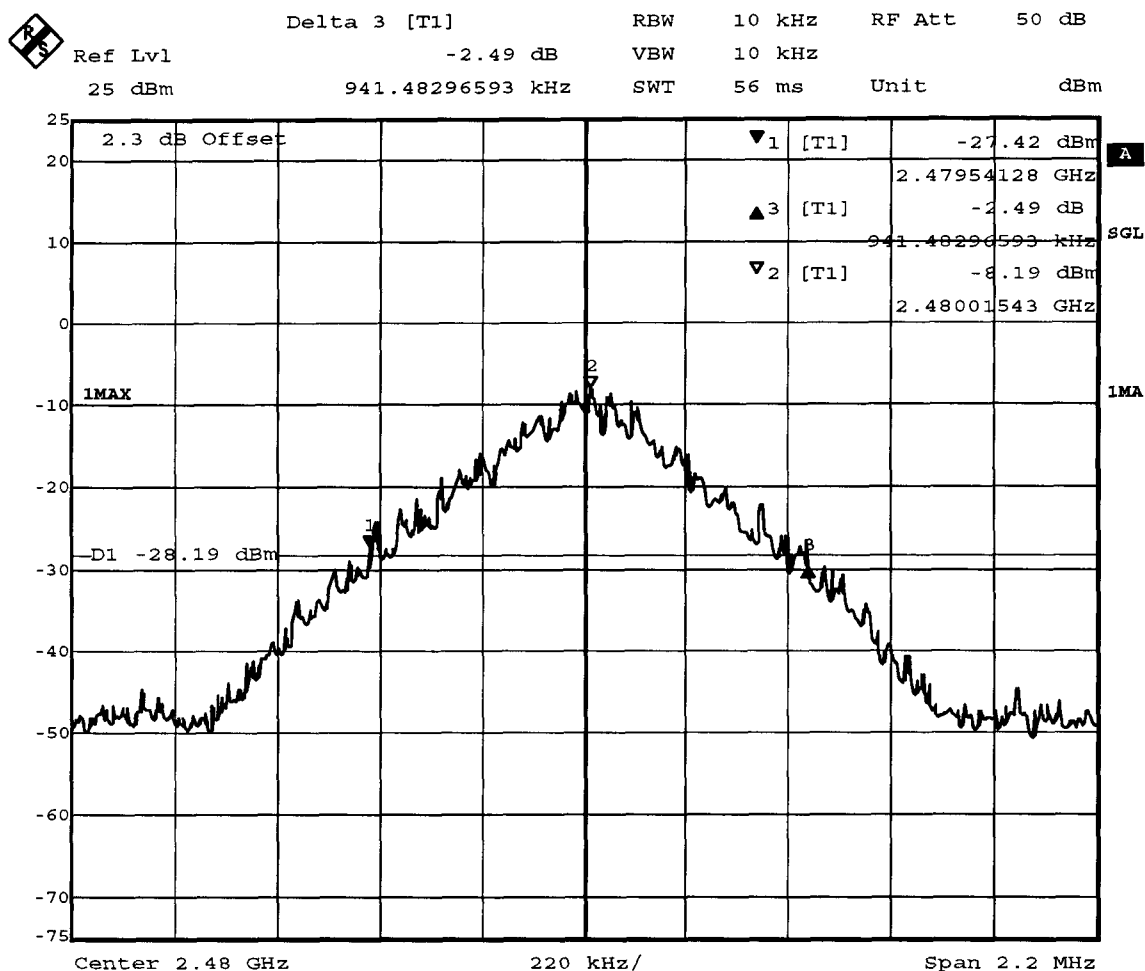


Date: 28.APR.2006 11:12:56

Measurement diagram

FCC part 15.247
20 dB bandwidth

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | 20 dB bandwidth |
| Comment 1 | Channel.: 78 / 2480 MHz |
| Comment 2 | |



Date: 28.APR.2006 11:17:05

Measurement diagram

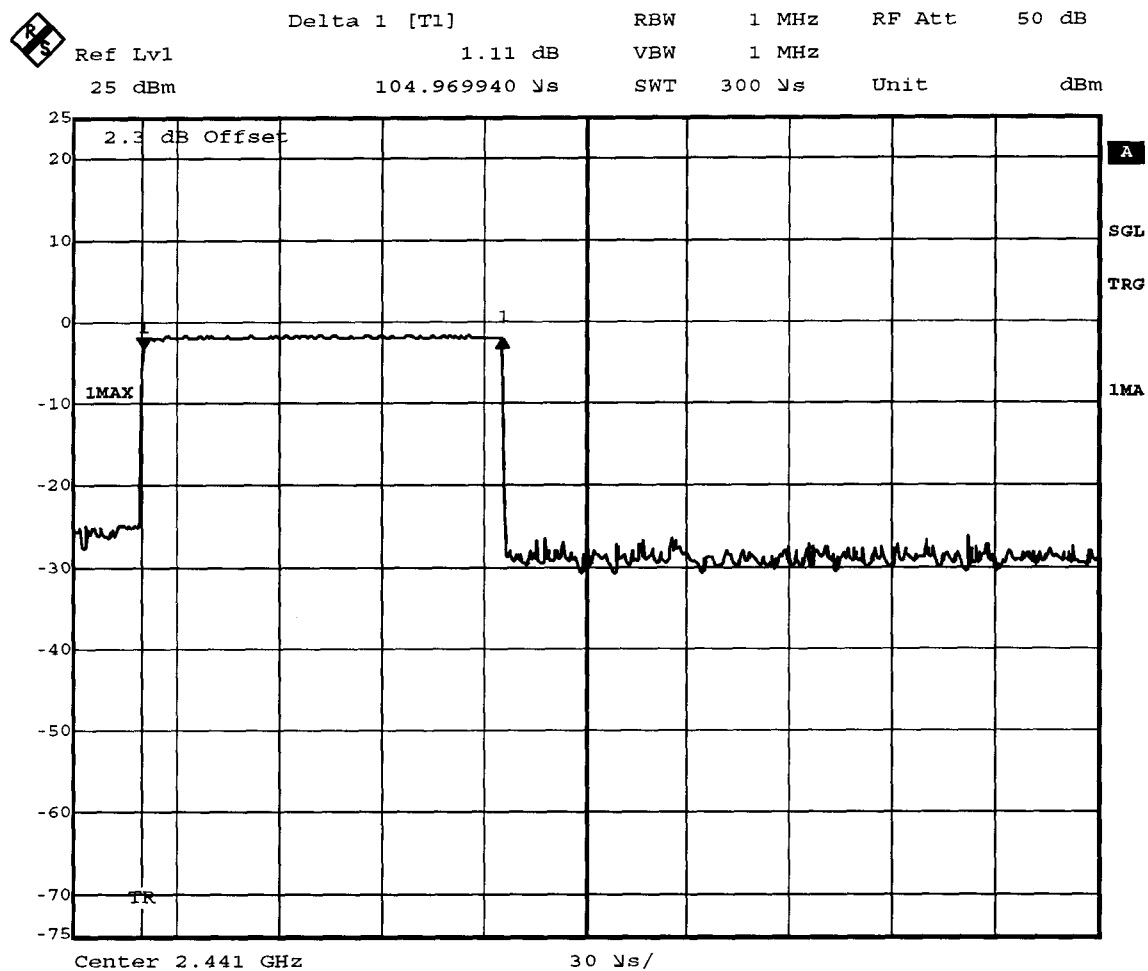
Appendix E

Time of occupancy (dwell time)

FCC part 15.247

Time of occupancy inquiry

| | |
|-----------------------|--------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Time of occupancy inquiry |
| Comment 1 | Channel: 39 / 2441 MHz |
| Comment 2 | 930 events* 0.105ms result: 97,65 ms |



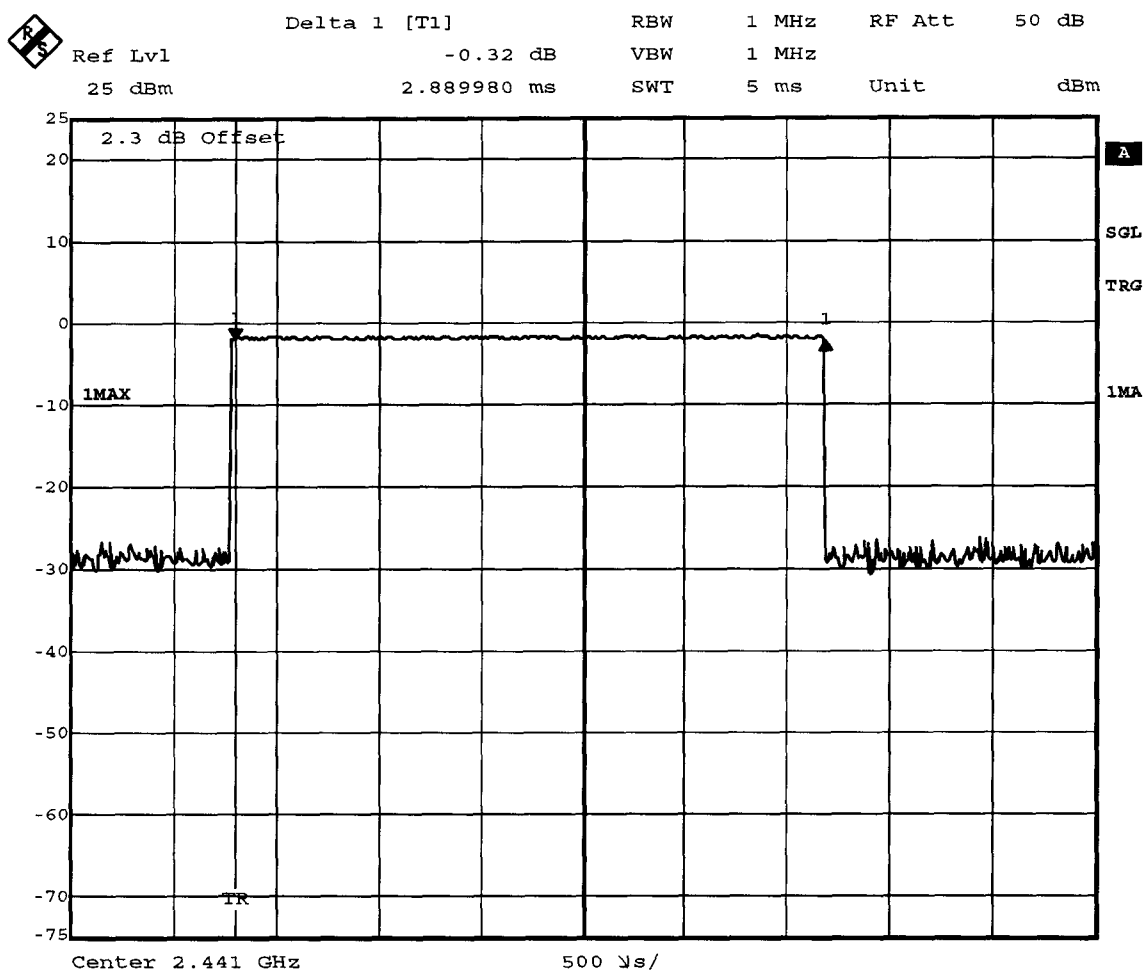
Date: 28.APR.2006 12:57:35

Measurement diagram

FCC part 15.247

Time of occupancy (dwell time)

| | |
|-----------------------|--|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Time of occupancy |
| Comment 1 | Channel.: 39 / 2441 MHz (Hopping mode) |
| Comment 2 | 61 events * 2.889 ms result: 176.229 ms |



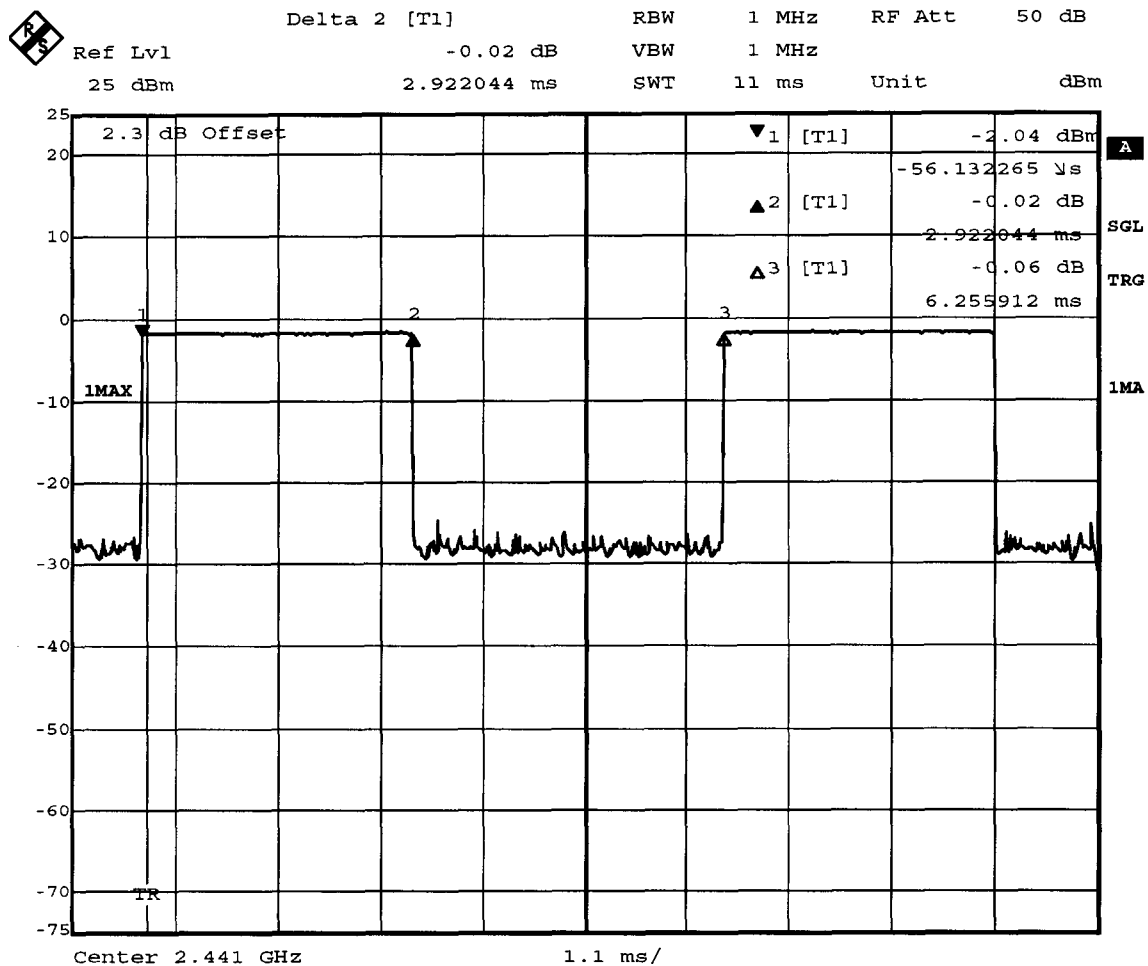
Date: 28.APR.2006 12:06:59

Measurement diagram

FCC part 15.247

Duty cycle

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(b) |
| Test Case | Duty cycle |
| Comment 1 | Channel.: 39 / 2441 MHz |
| Comment 2 | Duty_cycle 0.48 |



Date: 28.APR.2006 11:34:19

Measurement diagram

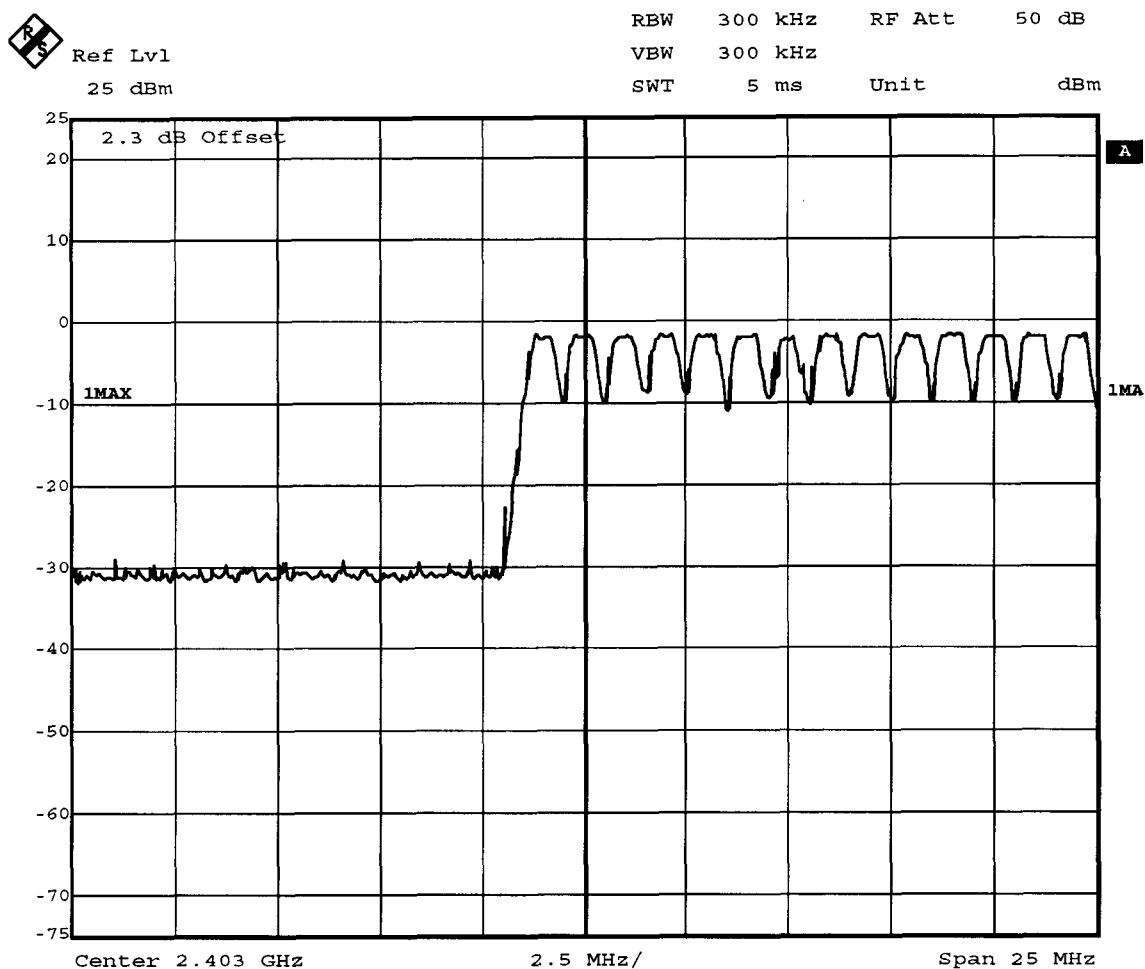
Appendix F

Number of hopping frequencies

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies |
| Comment 1 | Channel.: 0-13 |
| Comment 2 | |



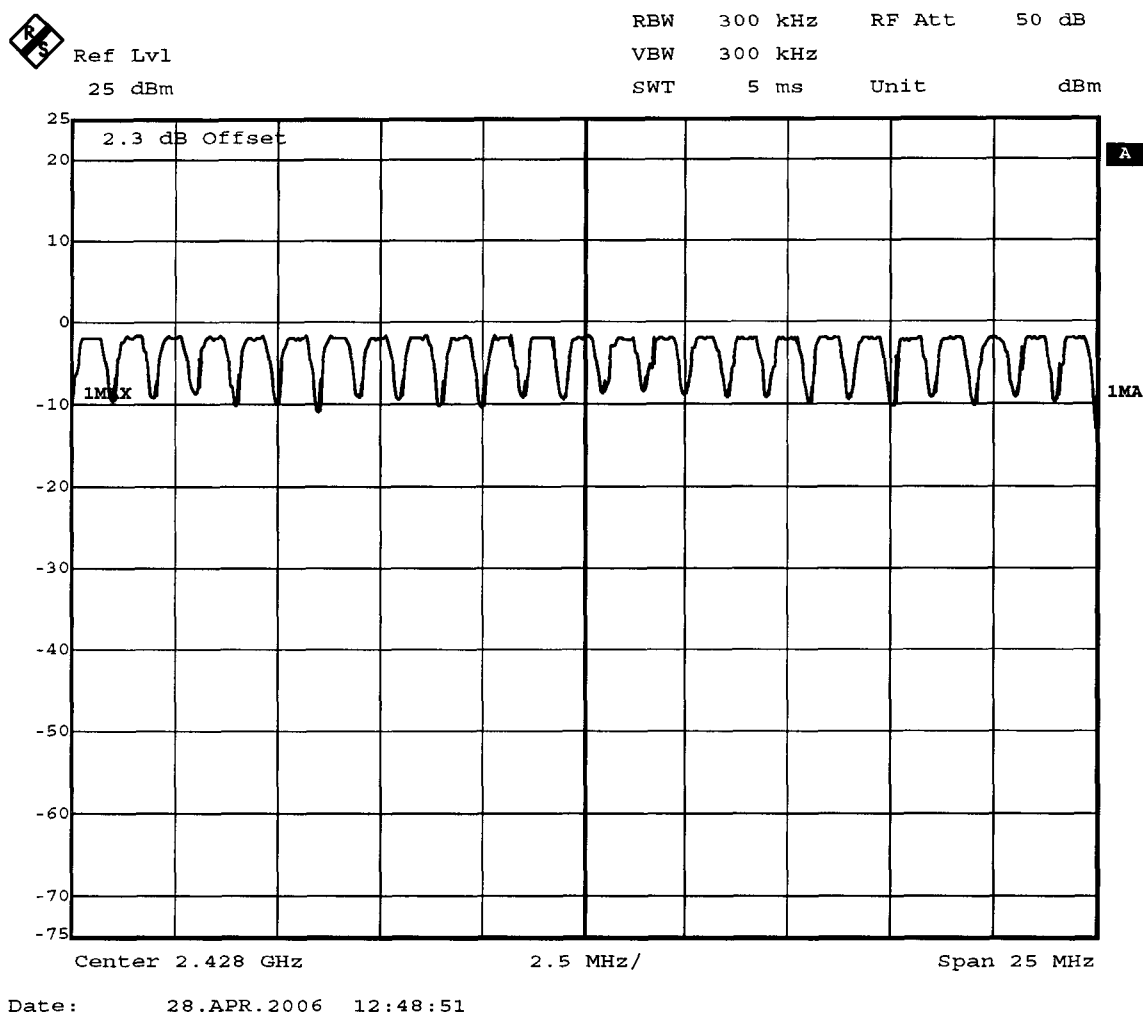
Date: 28.APR.2006 12:45:42

Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies |
| Comment 1 | Channel.: 14-38 |
| Comment 2 | |

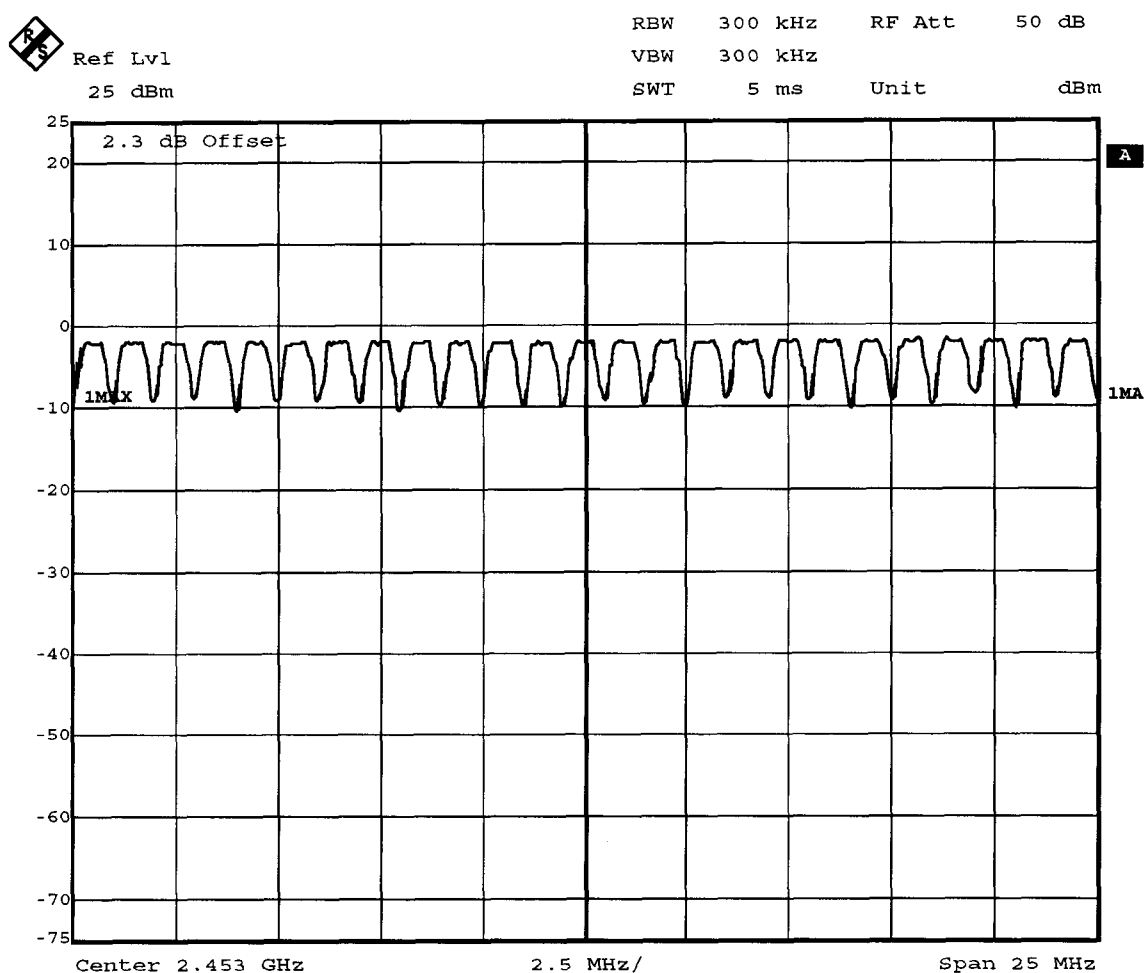


Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies |
| Comment 1 | Channel.:39-63 |
| Comment 2 | |



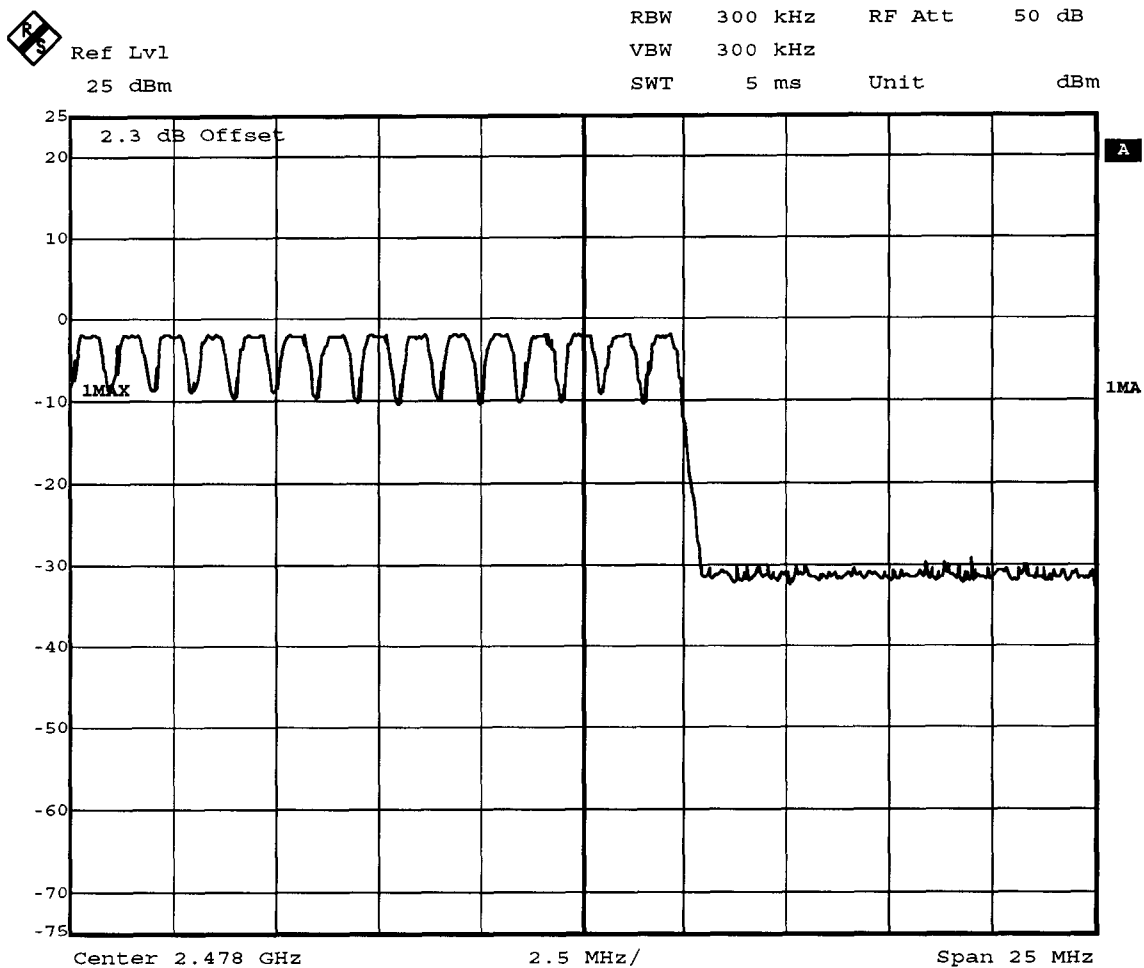
Date: 28.APR.2006 12:51:44

Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies |
| Comment 1 | Channel.: 64-78 |
| Comment 2 | |



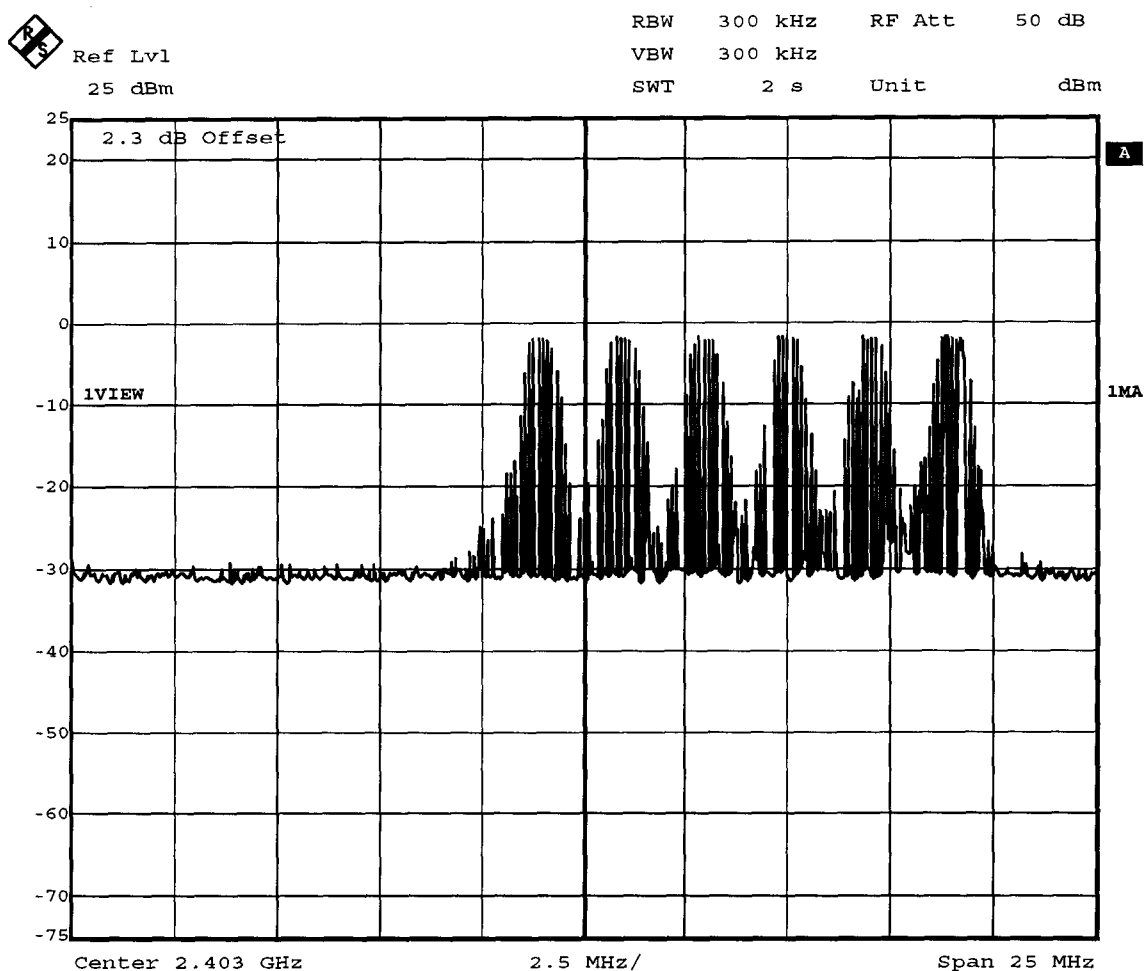
Date: 28.APR.2006 12:54:02

Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|-------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies (1-6) |
| Comment 1 | master inquiry mode |
| Comment 2 | |



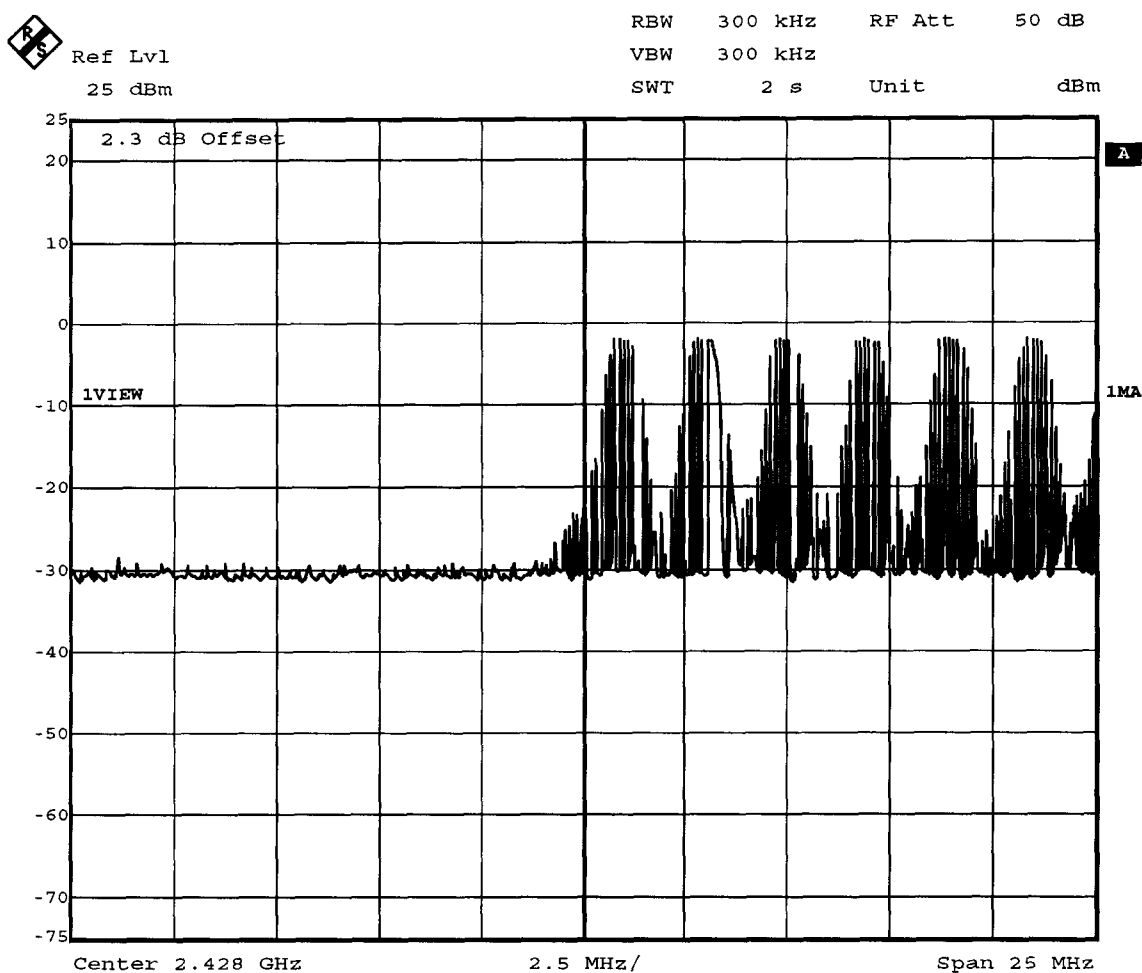
Date: 28.APR.2006 15:37:18

Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|--------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies (7-12) |
| Comment 1 | master inquiry mode |
| Comment 2 | |



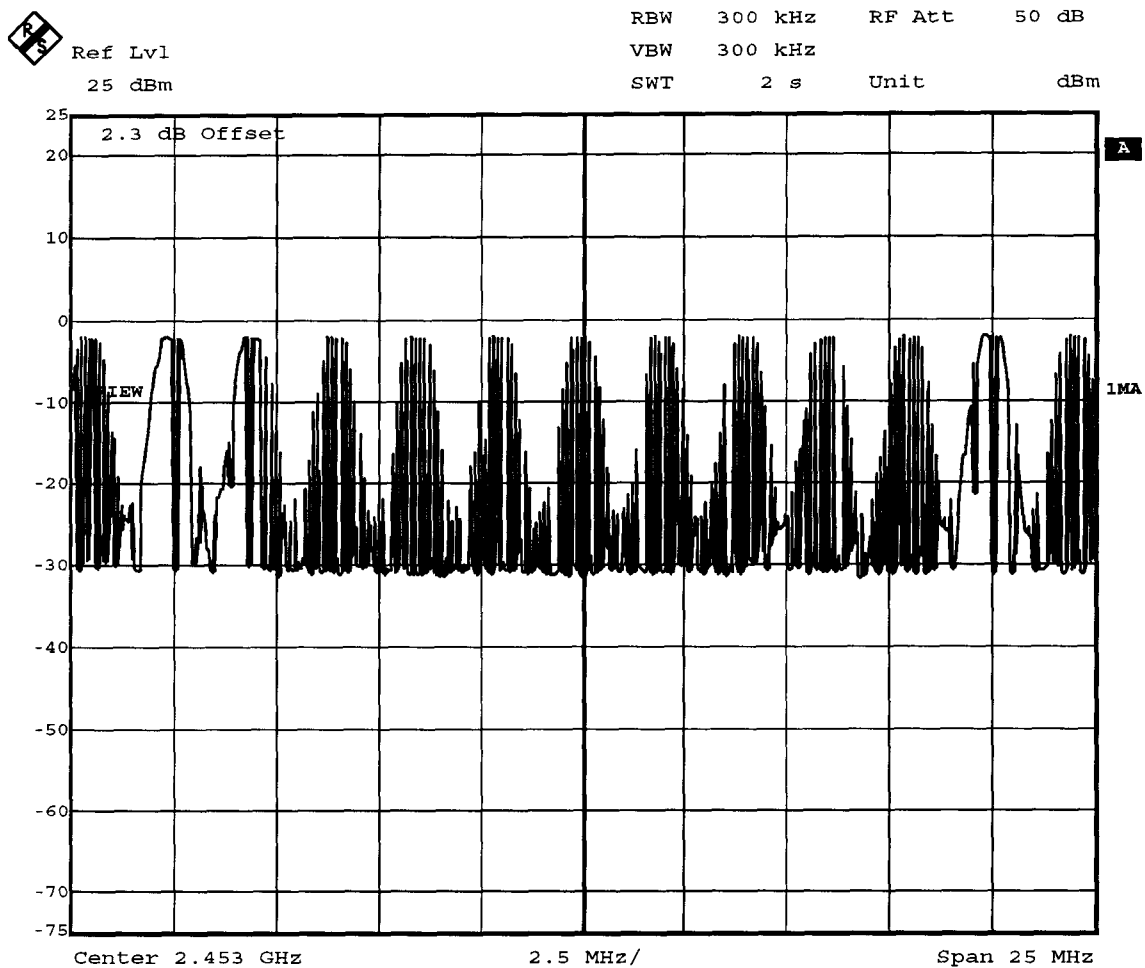
Date: 28.APR.2006 15:39:11

Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|---------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies (13-25) |
| Comment 1 | master inquiry mode |
| Comment 2 | |



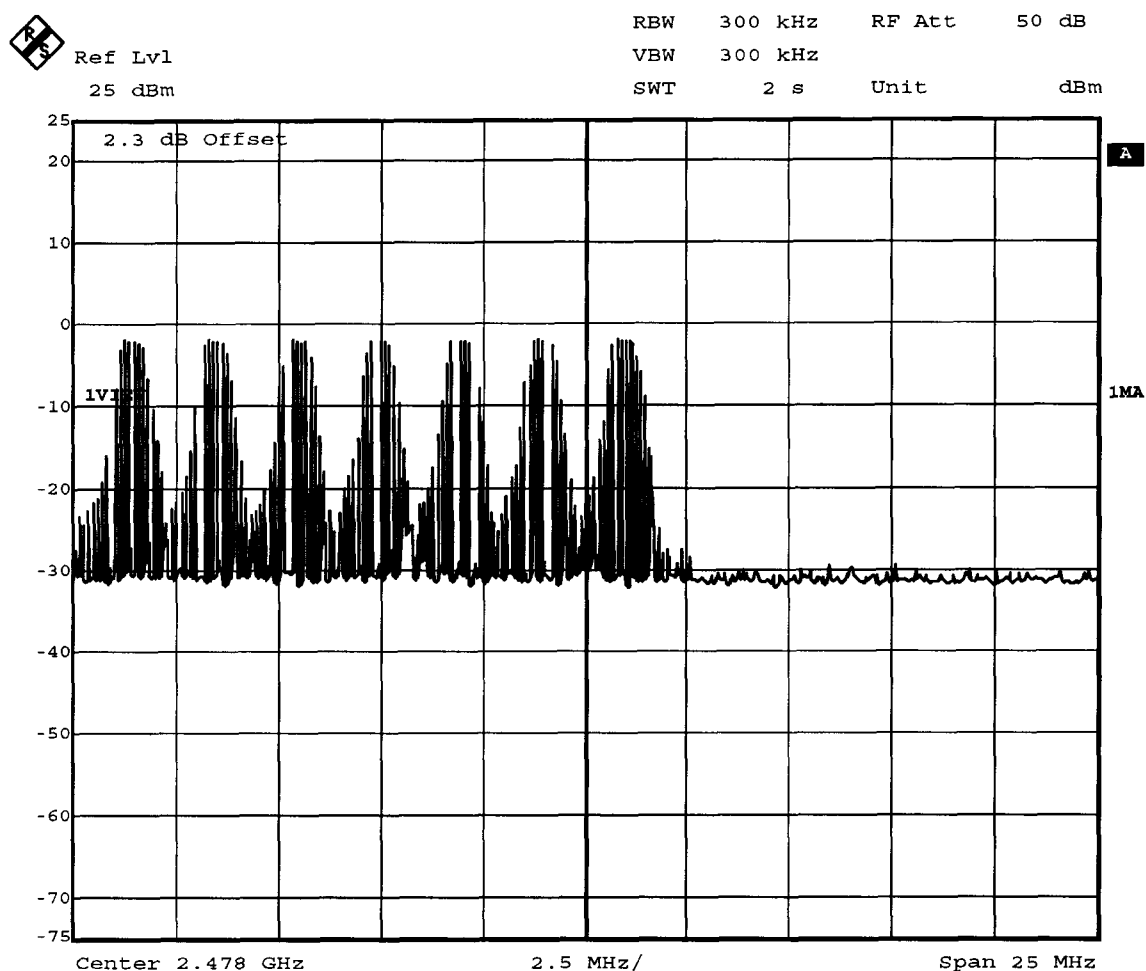
Date: 28.APR.2006 15:42:02

Measurement diagram

FCC part 15.247

Number of hopping frequencies

| | |
|-----------------------|---------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(a) |
| Test Case | Number of hopping frequencies (26-32) |
| Comment 1 | master inquiry mode |
| Comment 2 | |



Date: 28.APR.2006 15:44:18

Measurement diagram

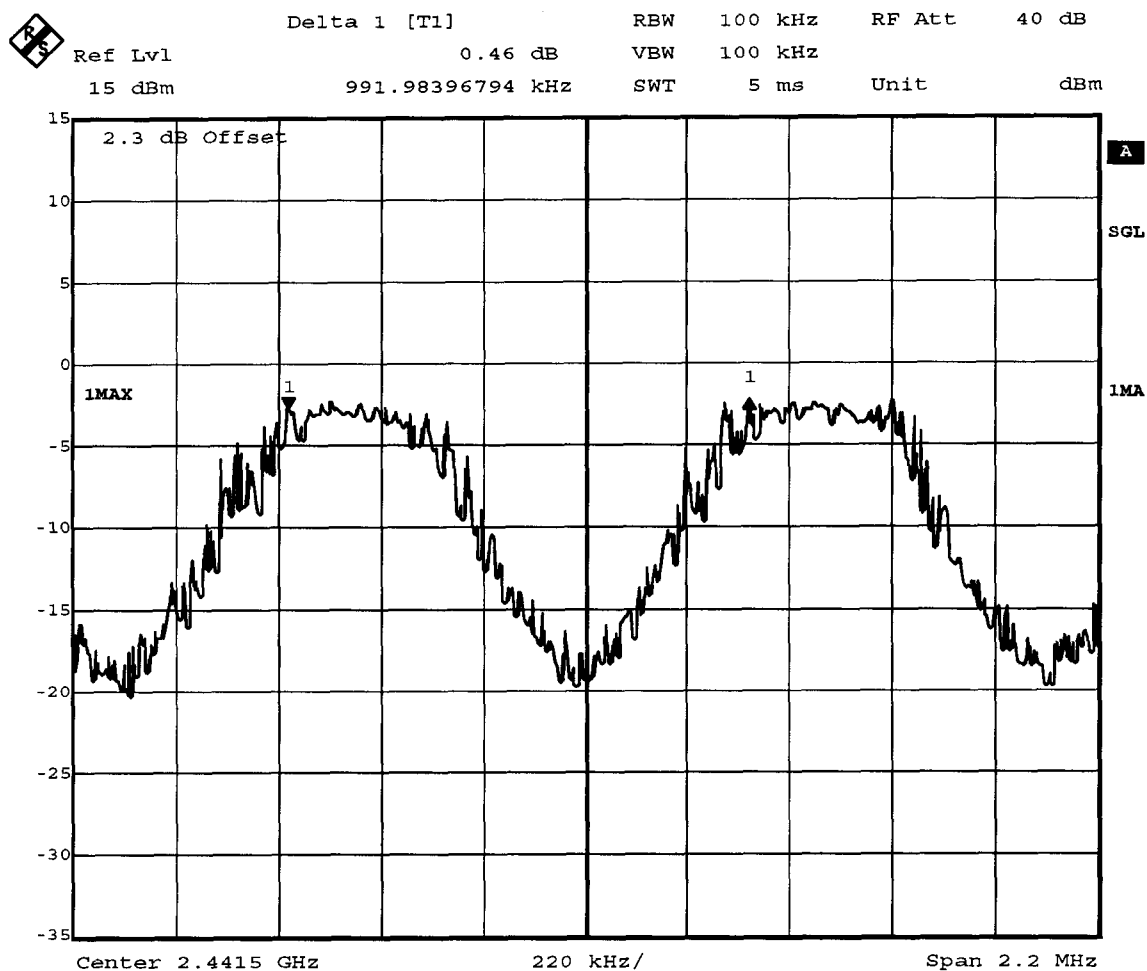
Appendix G

Carrier frequency separation

FCC part 15.247

Carrier frequency separation

| | |
|-----------------------|------------------------------------|
| EUT | Medical device |
| Model | Spirolab III |
| Approval Holder | MIR Medical International Research |
| Temperature / Voltage | 25°C |
| Test Site / Operator | ETS Dr. Genz GmbH |
| Test Specification | FCC part 15 section 247(b) |
| Test Case | Carrier frequency separation |
| Comment 1 | Channel.: 39/40 / 2441/2442 MHz |
| Comment 2 | Hopping mode |



Date: 28.APR.2006 11:25:21

Measurement diagram

Appendix H

Spurious emission conducted

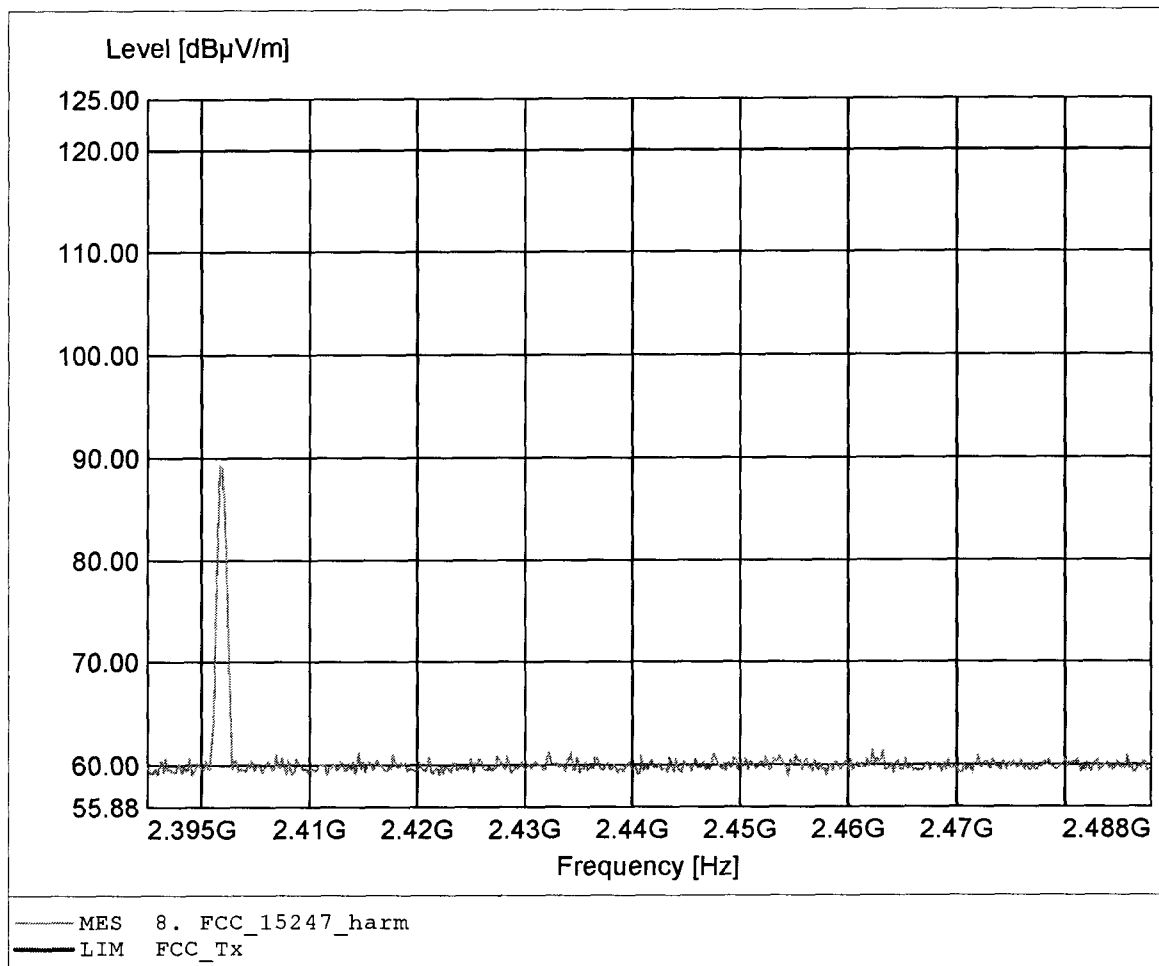
Appendix I

Spurious emission radiated

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

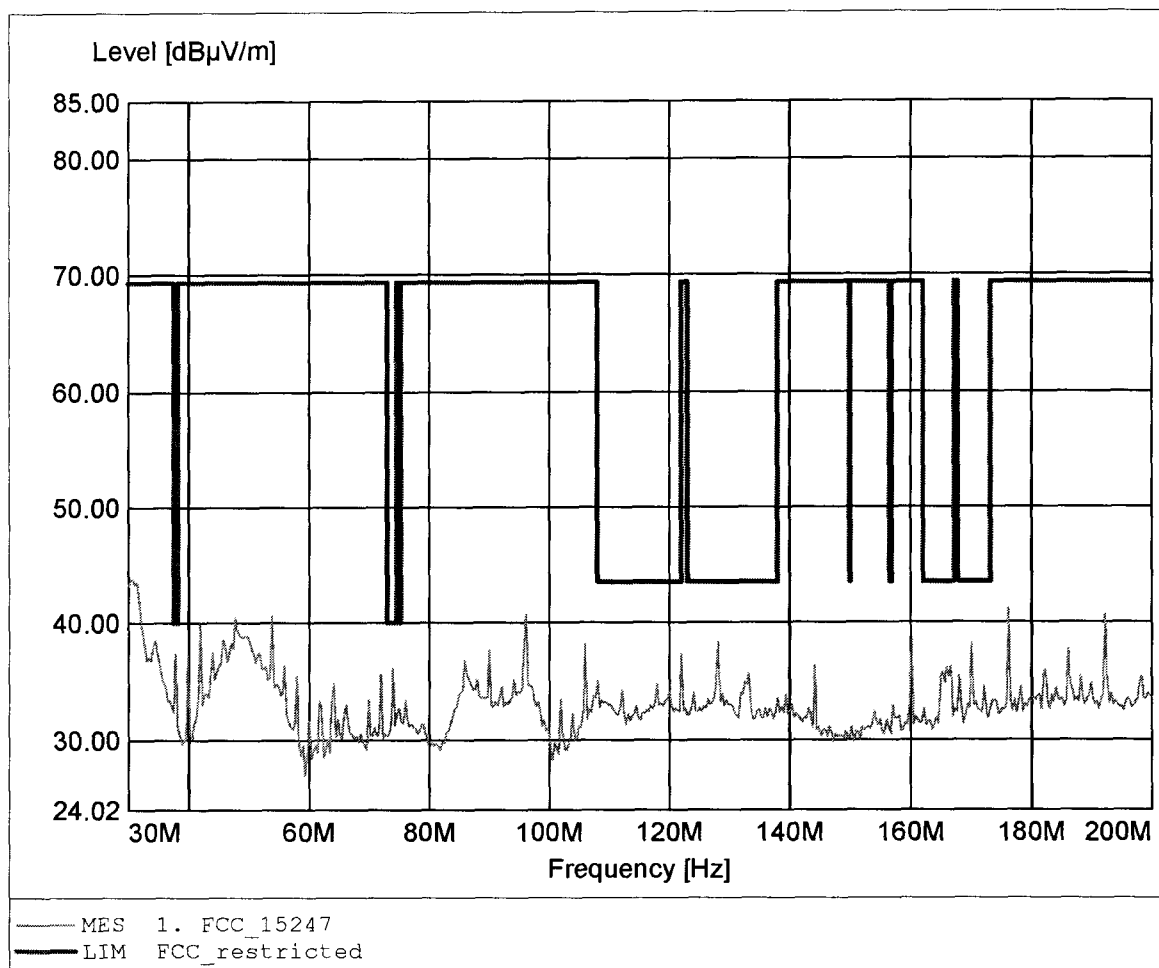
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Emax: 89.34dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

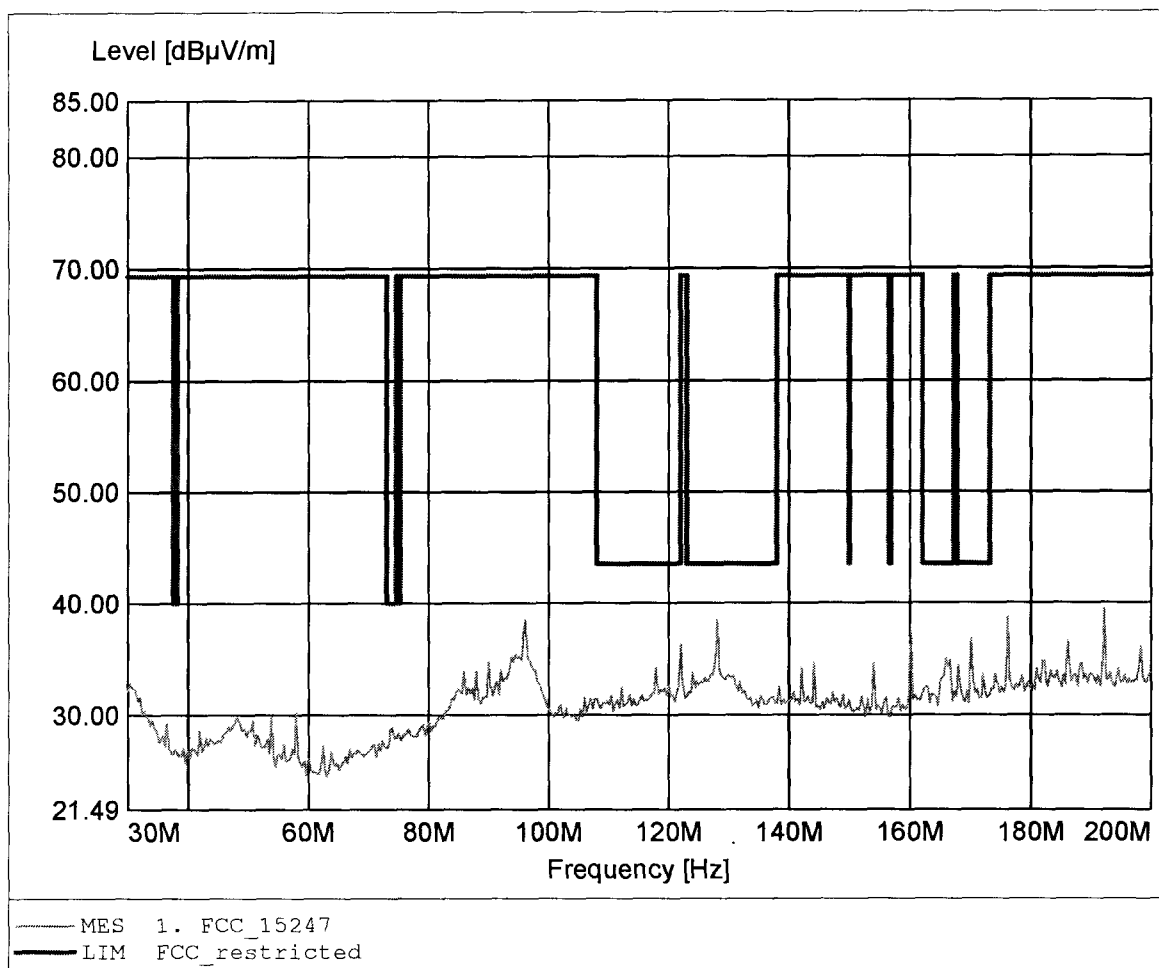
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.341MHz, Emax: 43.78dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

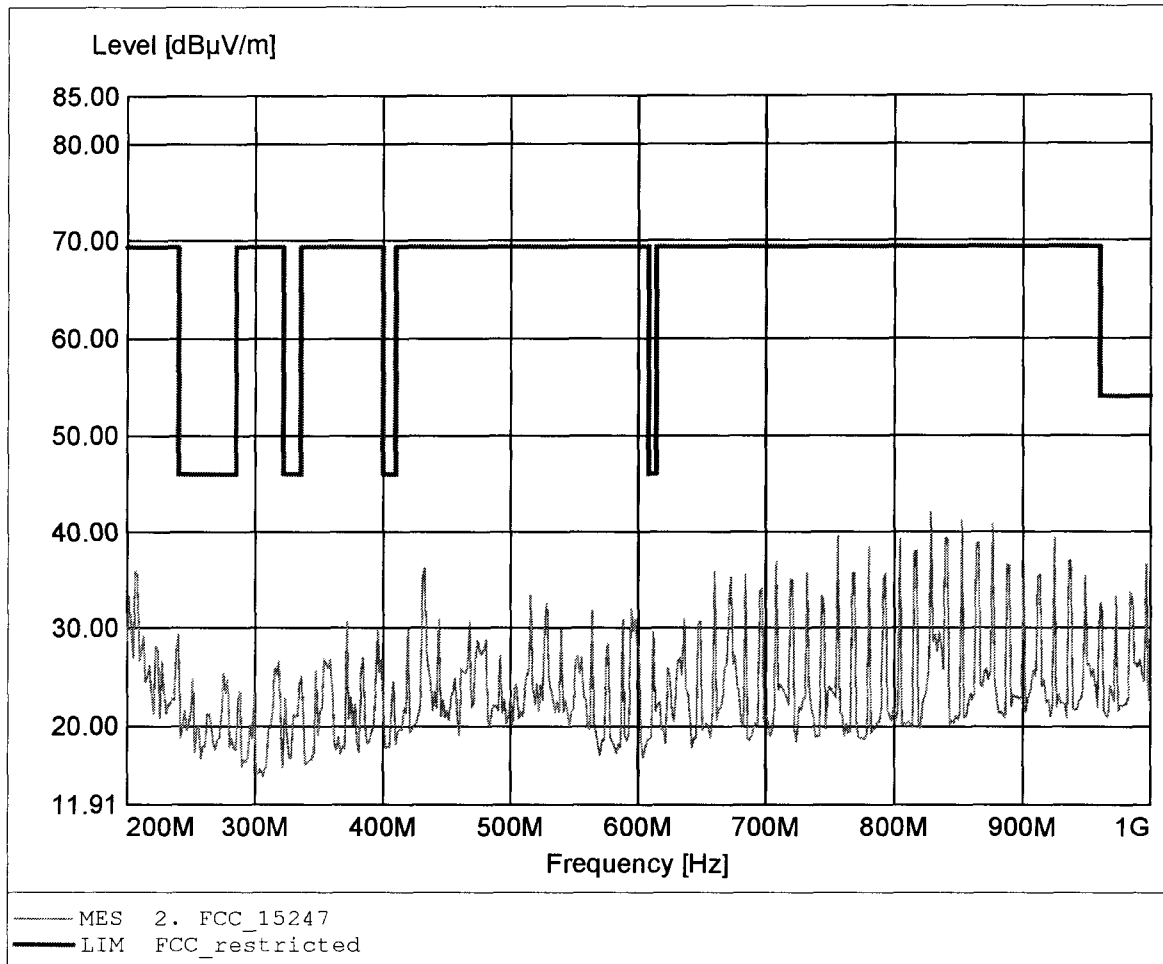
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 39.41dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

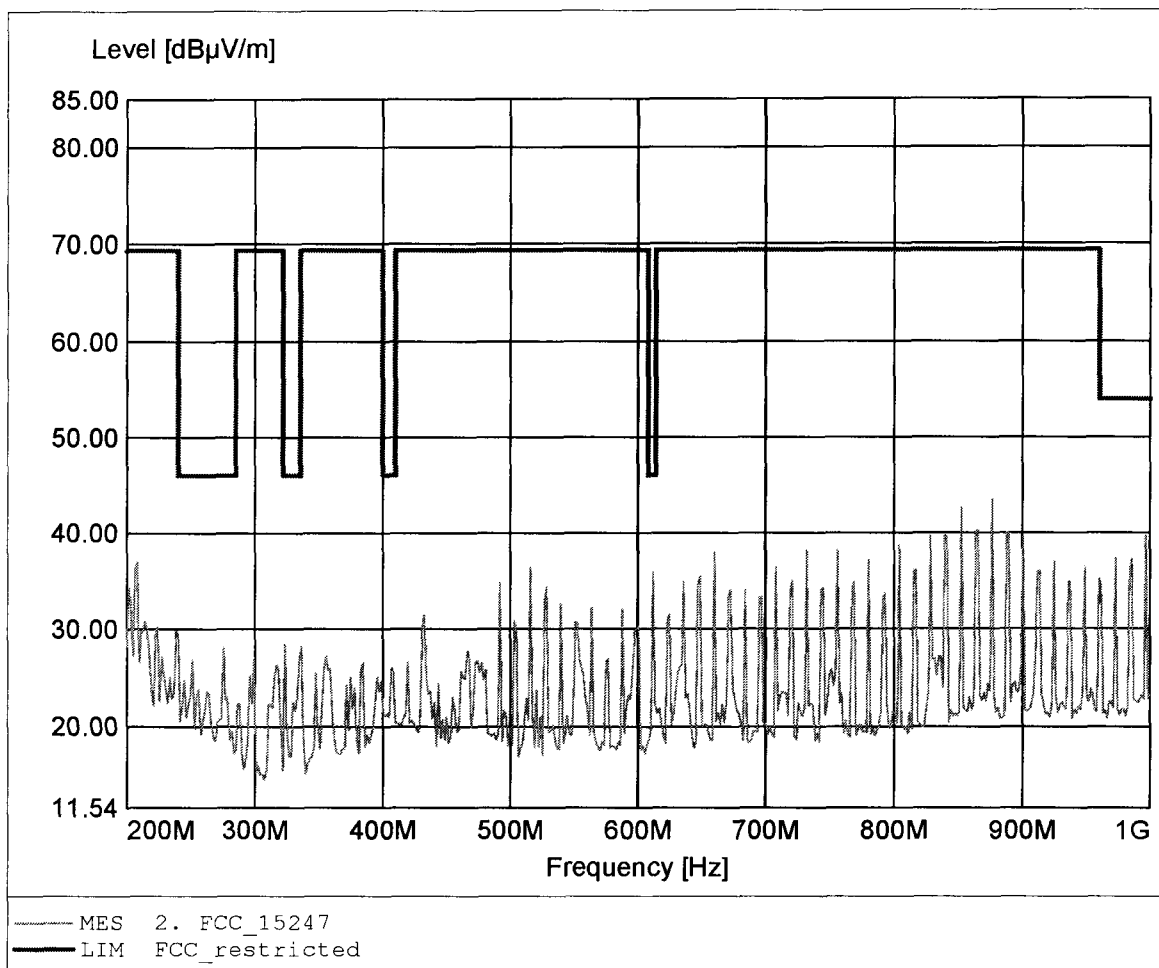
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 828.457MHz, Emax: 42.09dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

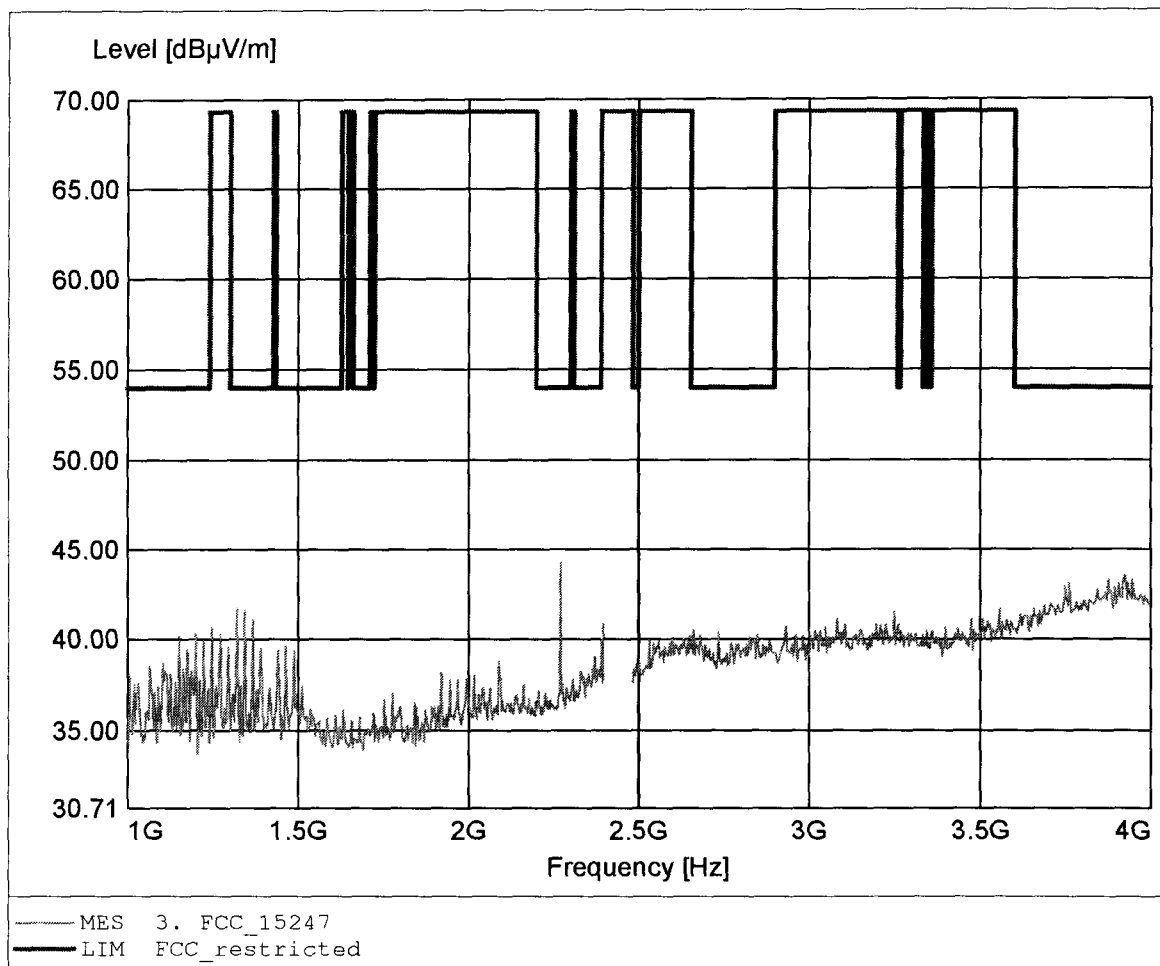
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 876.553MHz, Emax: 43.50dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

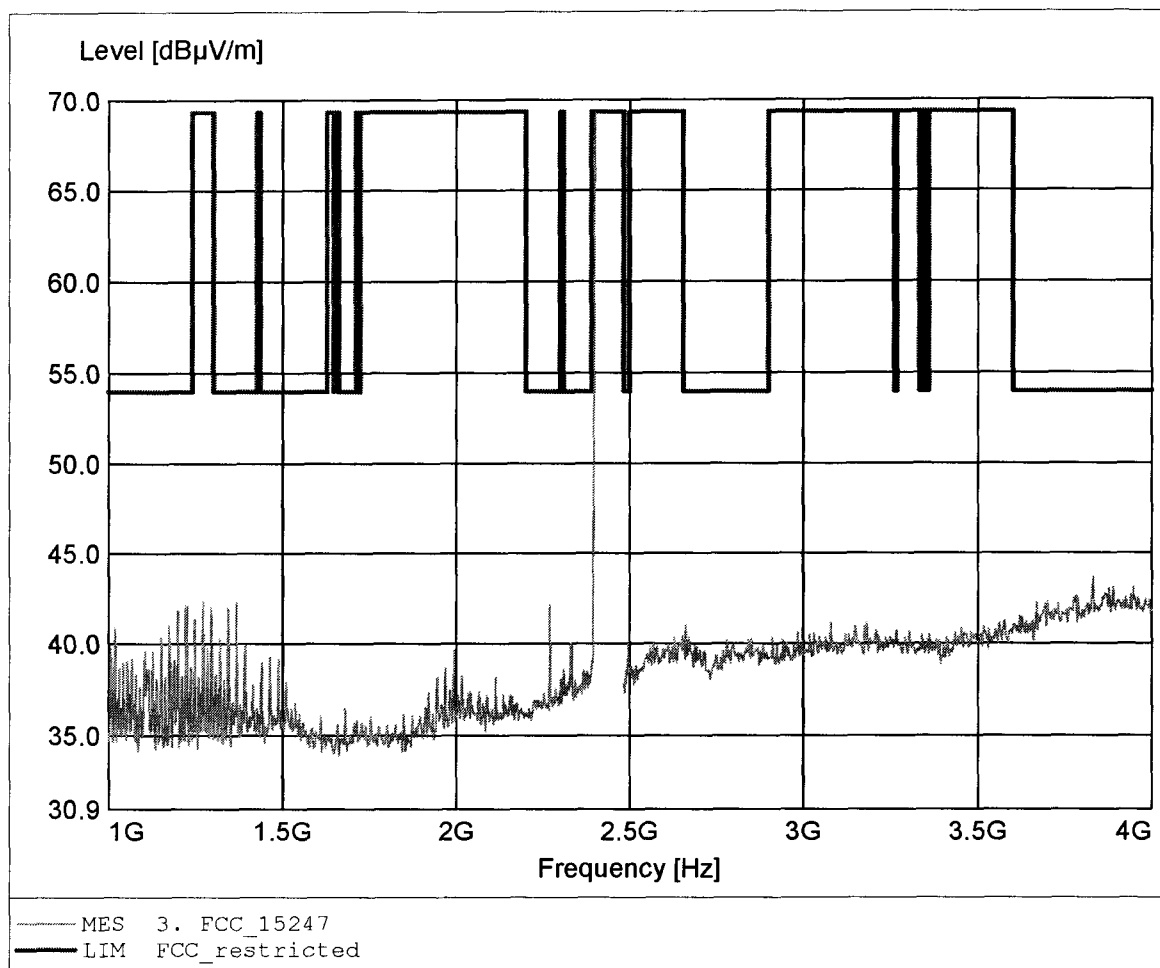
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.271GHz, Emax: 44.27dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

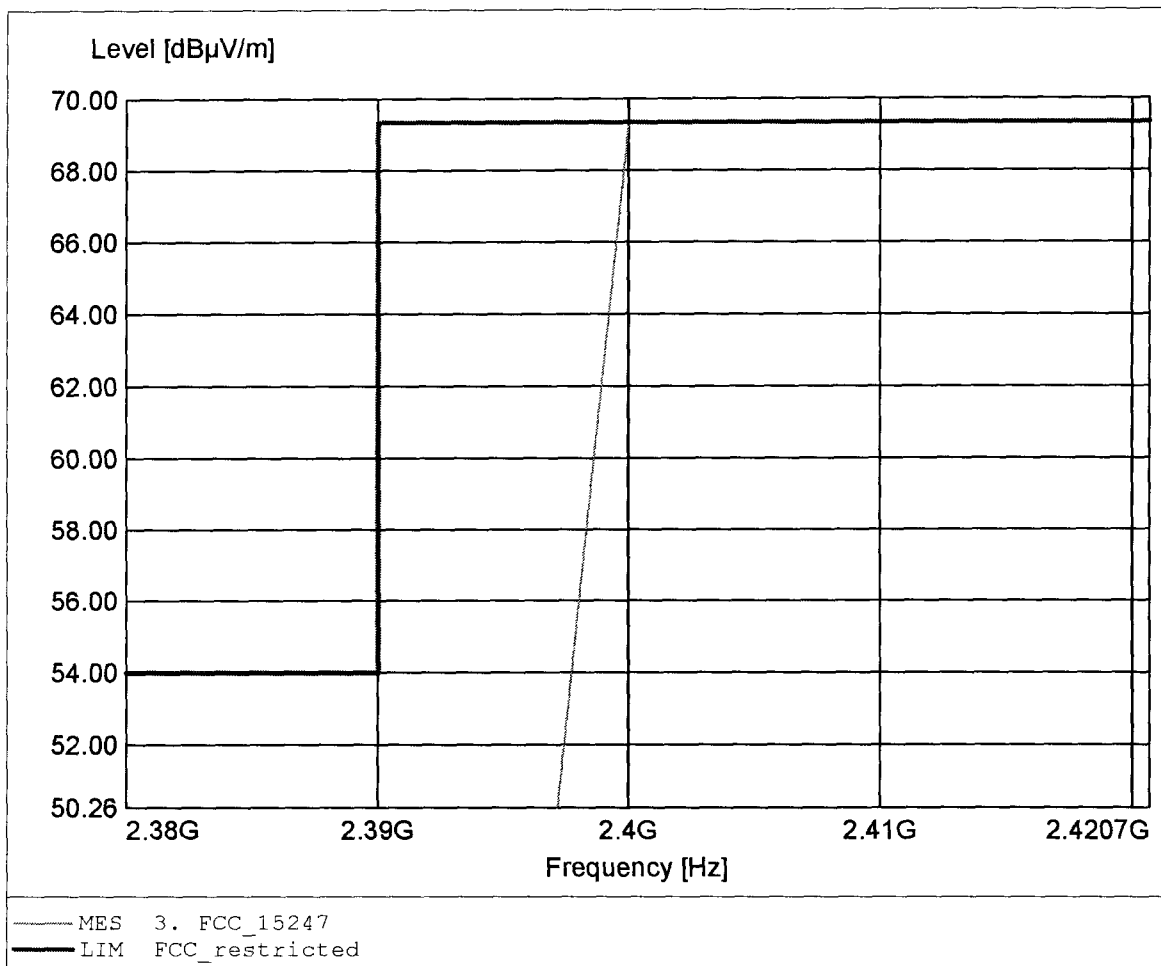
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 69.26dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

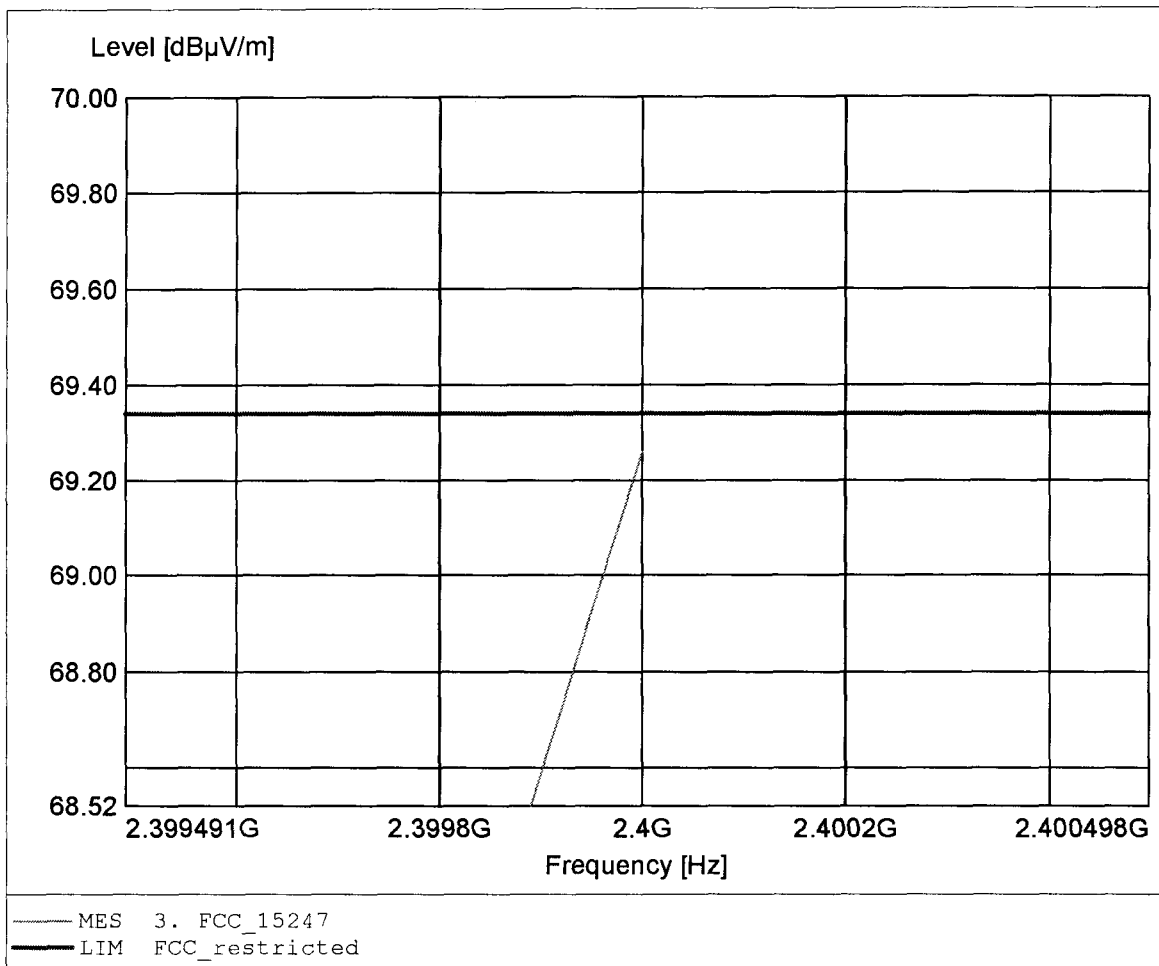
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 69.26dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

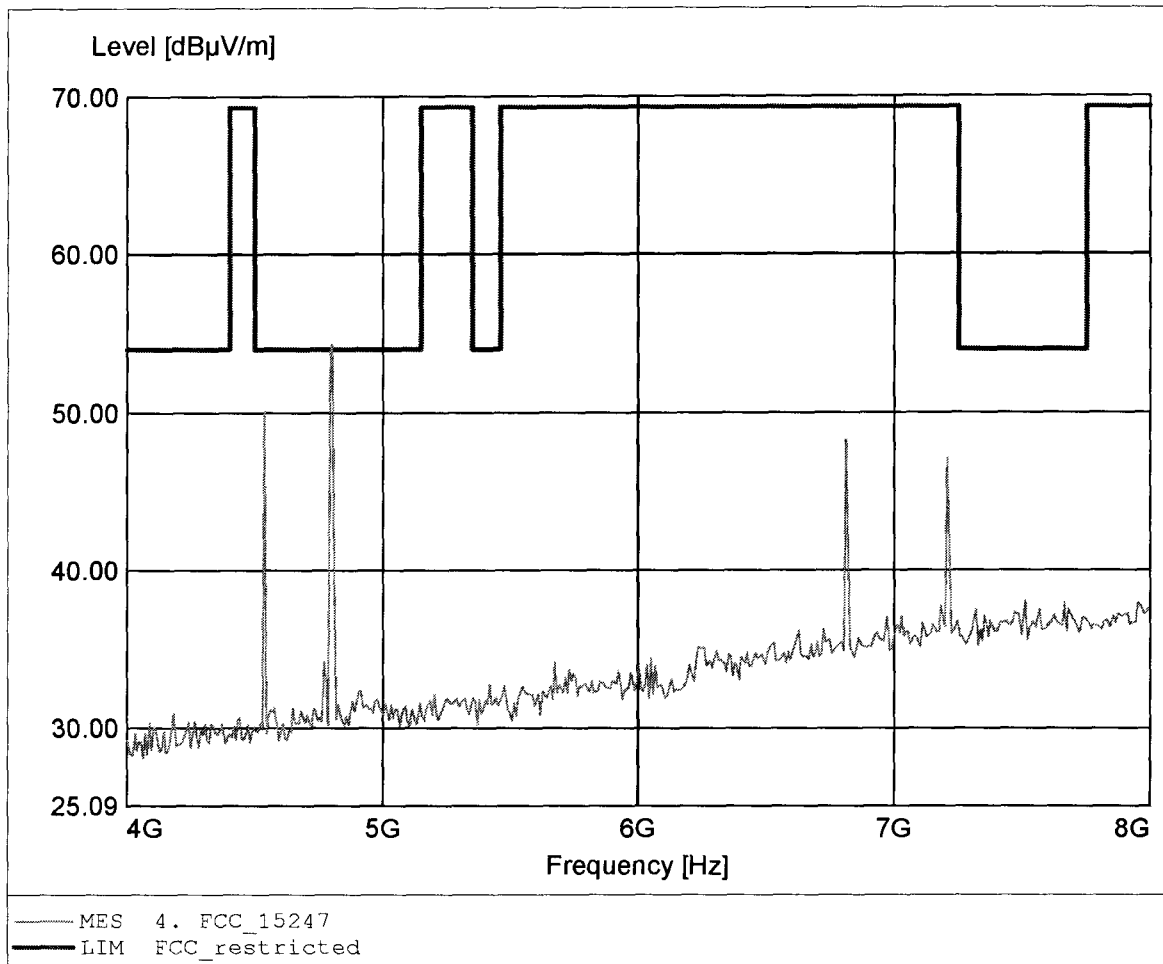
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 69.26dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

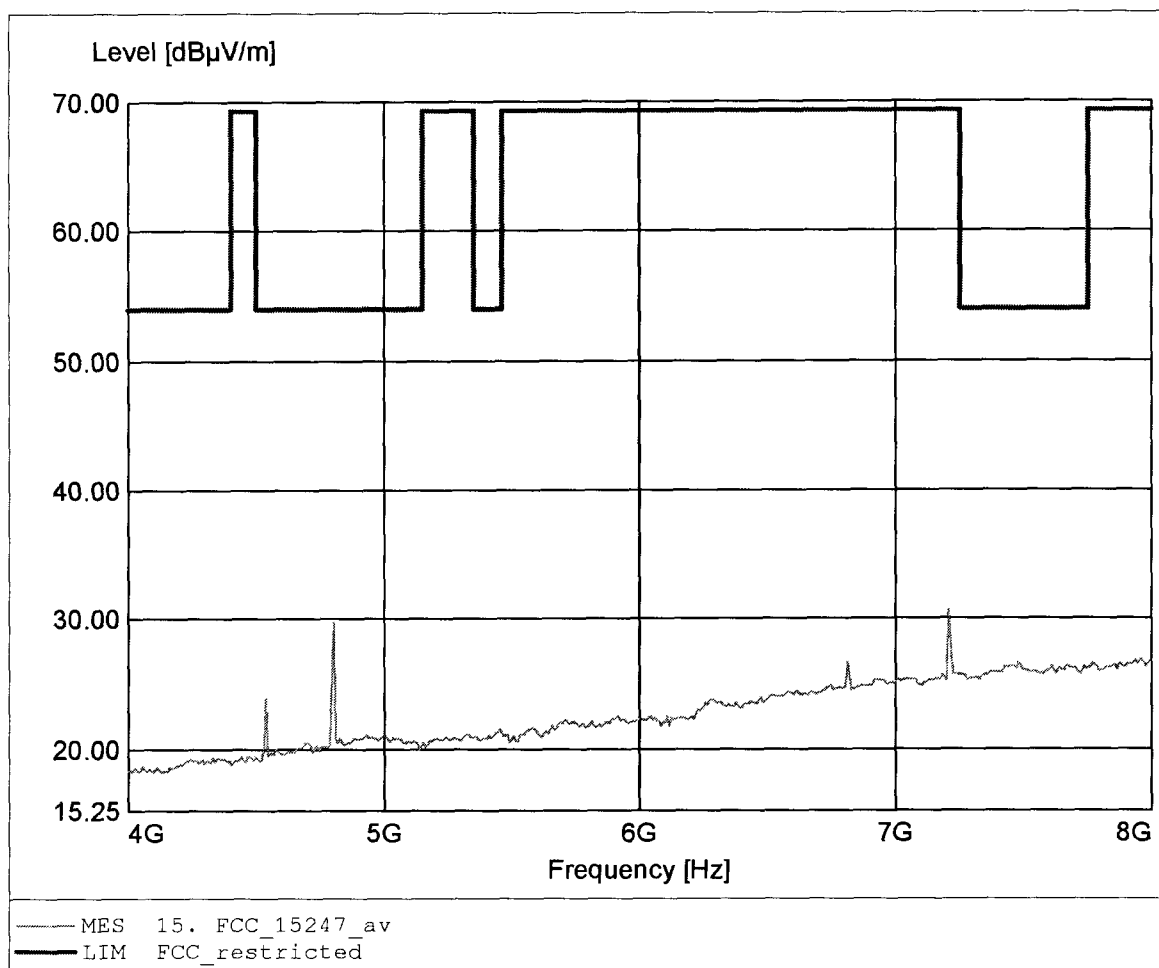
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 54.32dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

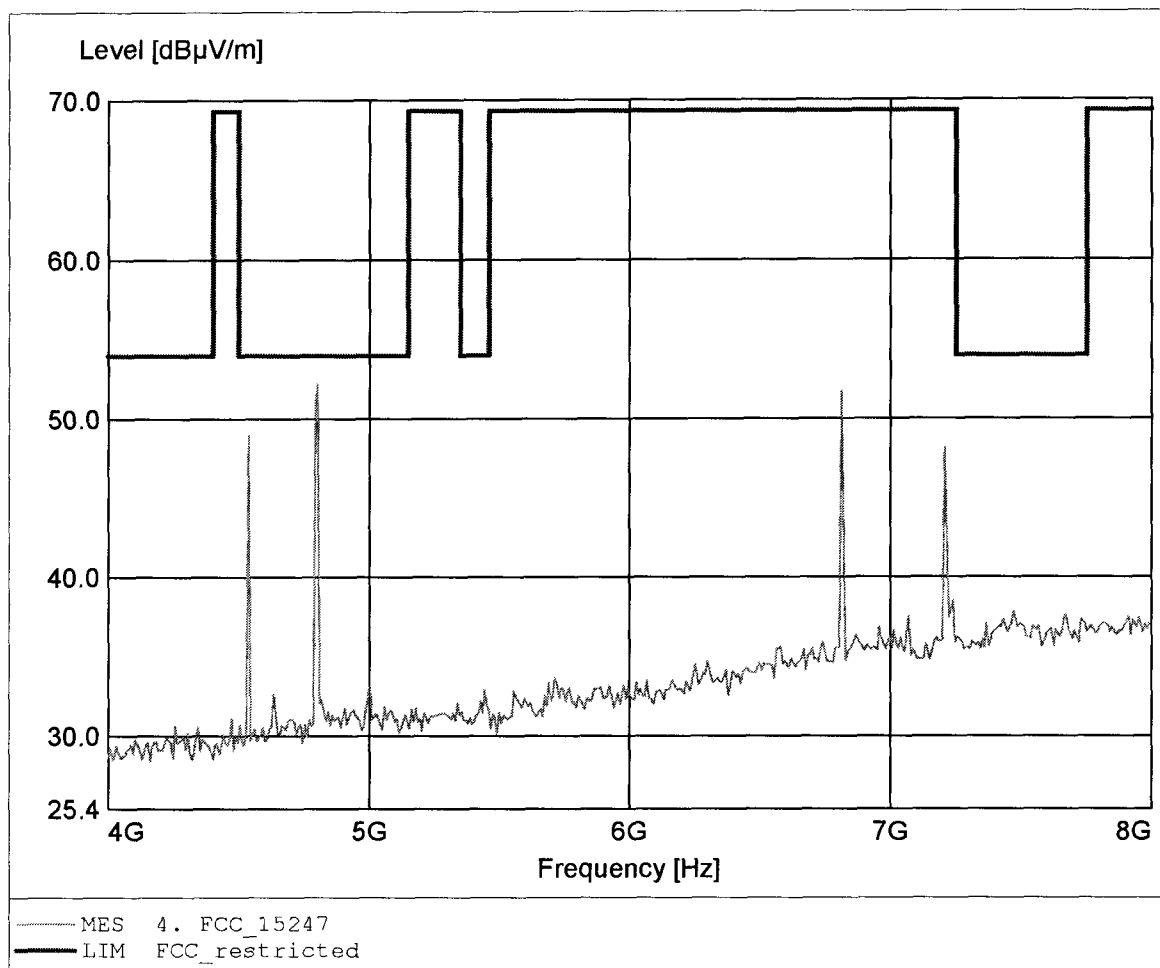
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.206GHz, Emax: 30.64dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

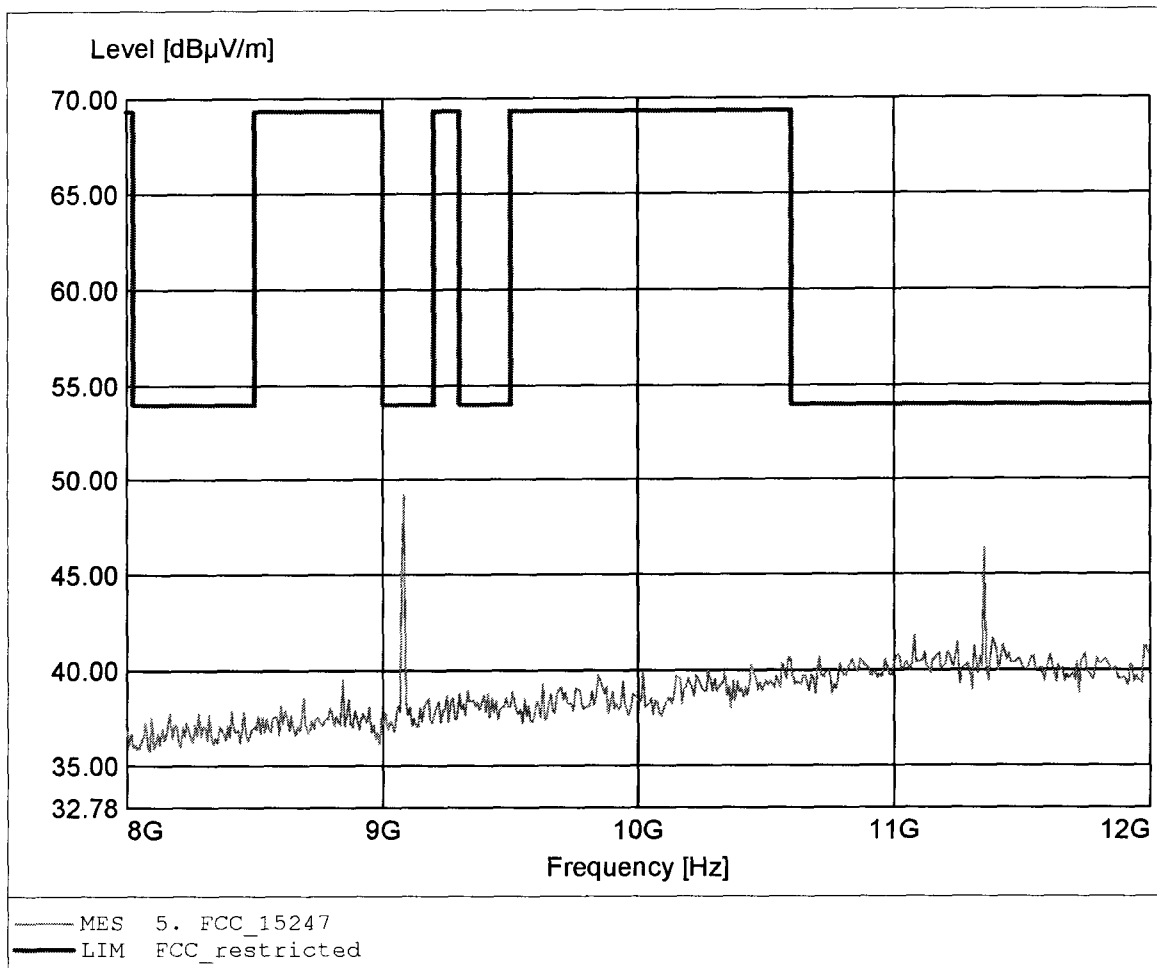
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 52.23dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

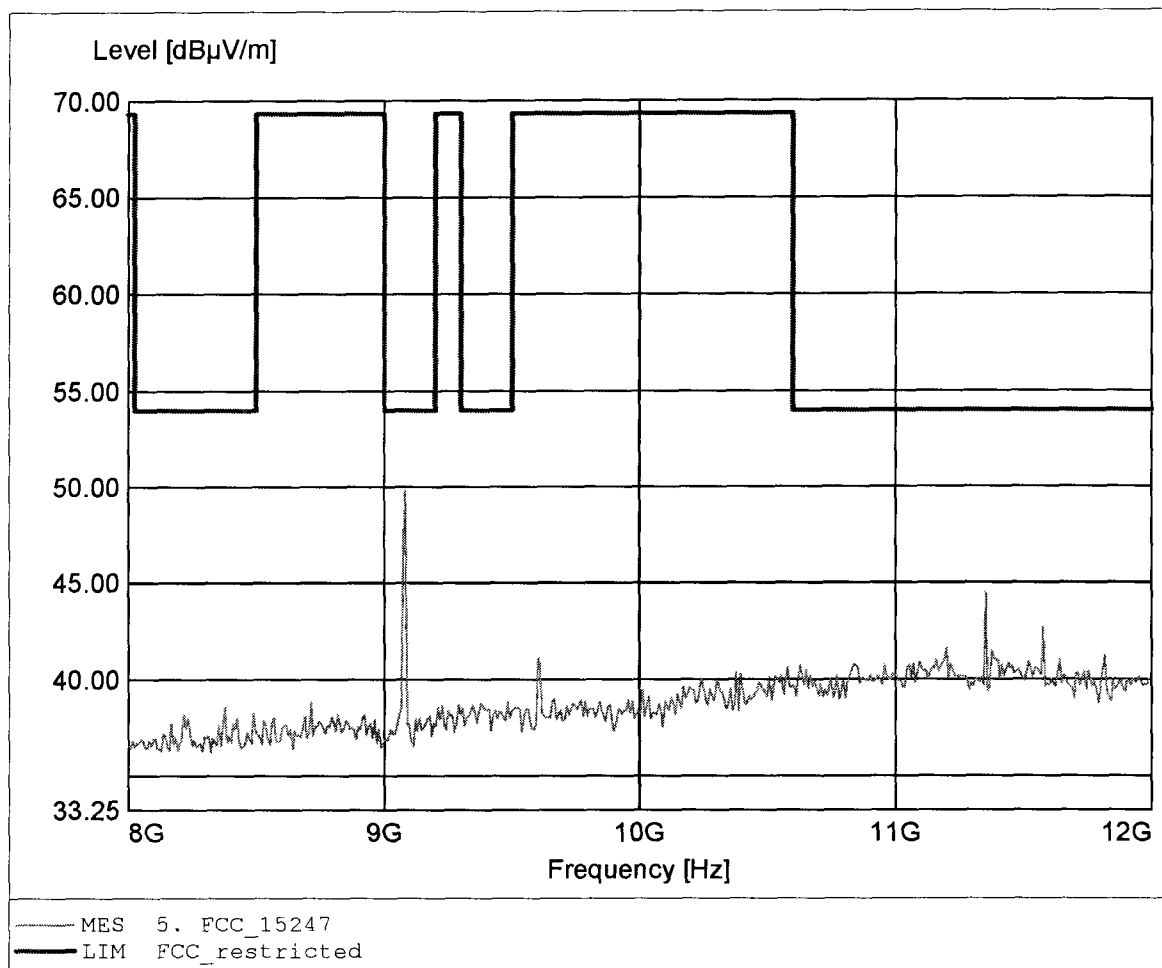
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.082GHz, Emax: 49.24dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

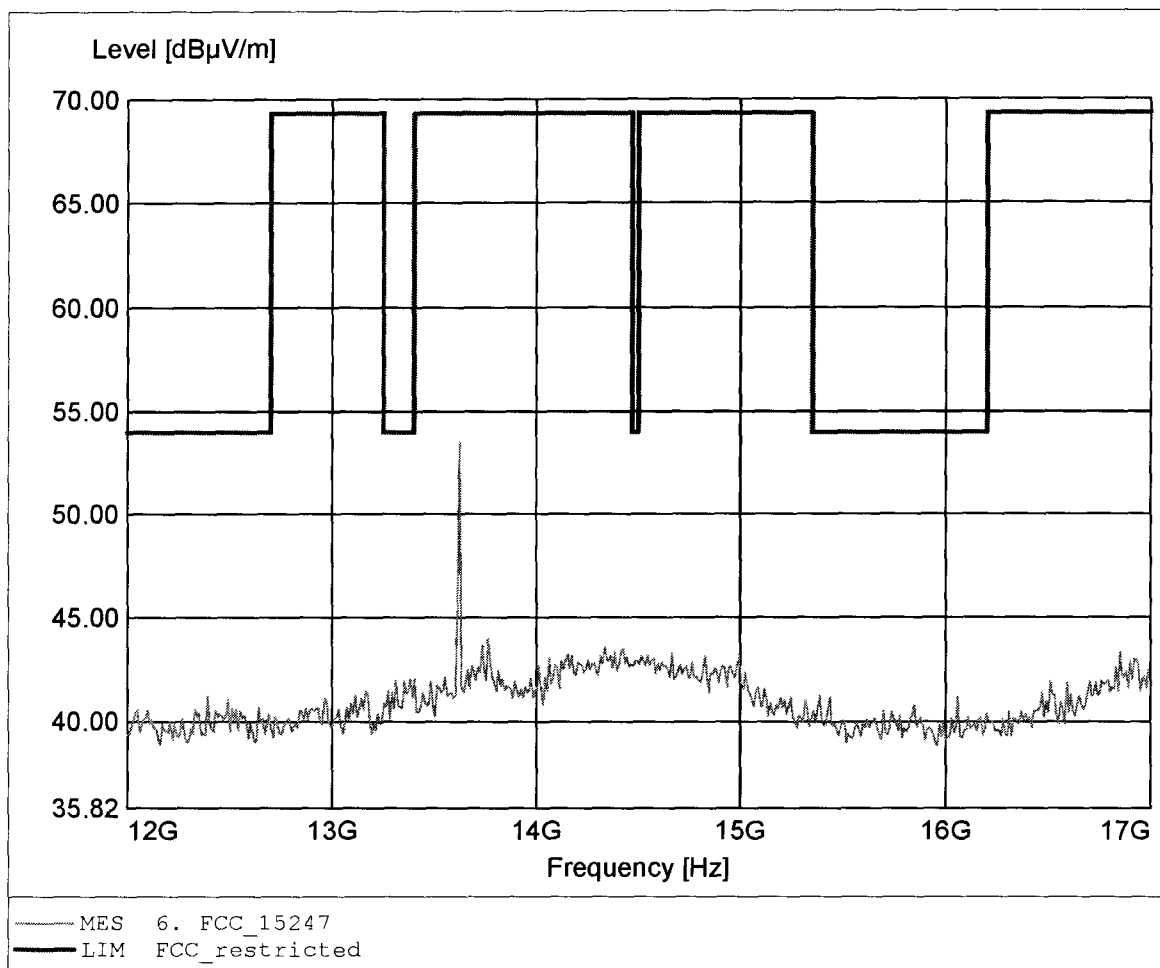
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.082GHz, Emax: 49.83dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

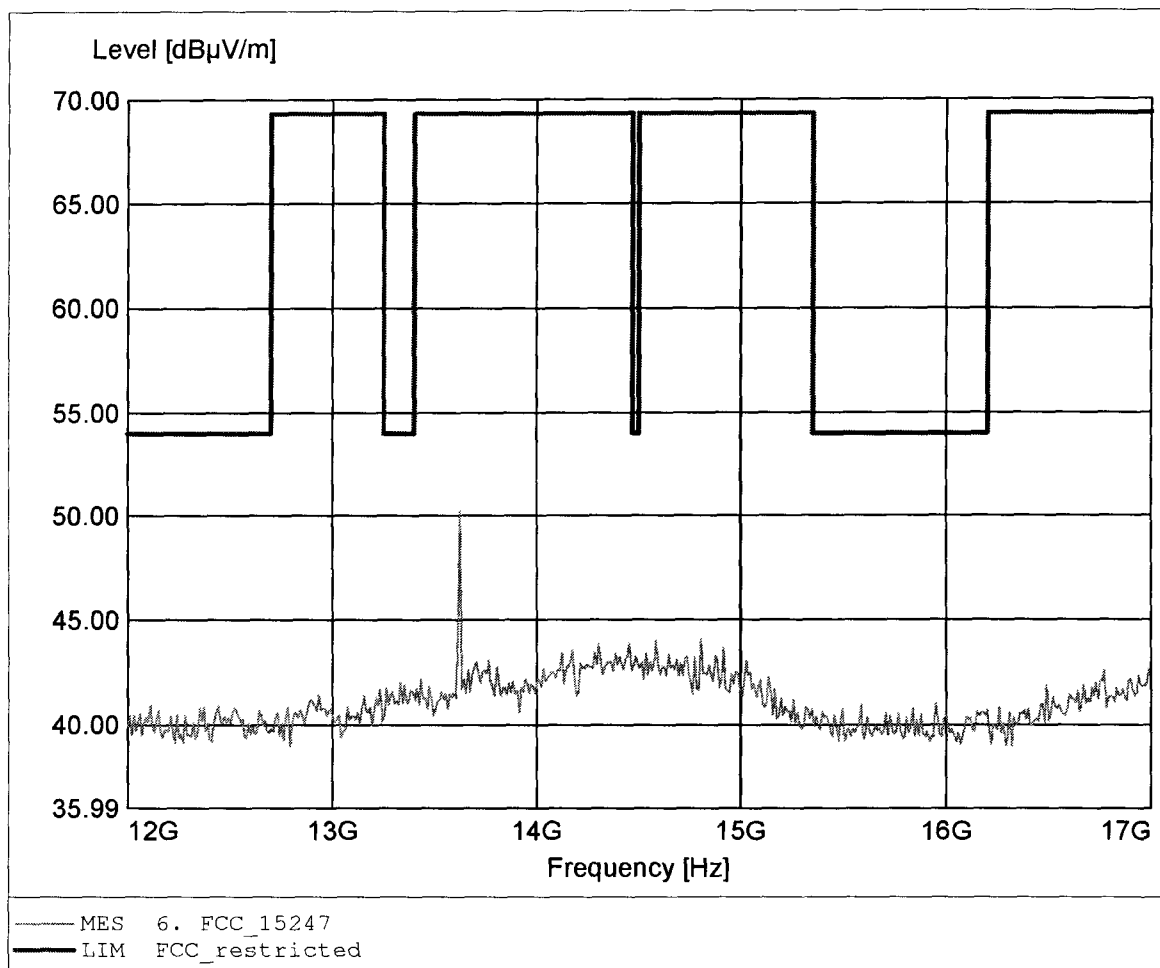
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.623GHz, Emax: 53.53dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

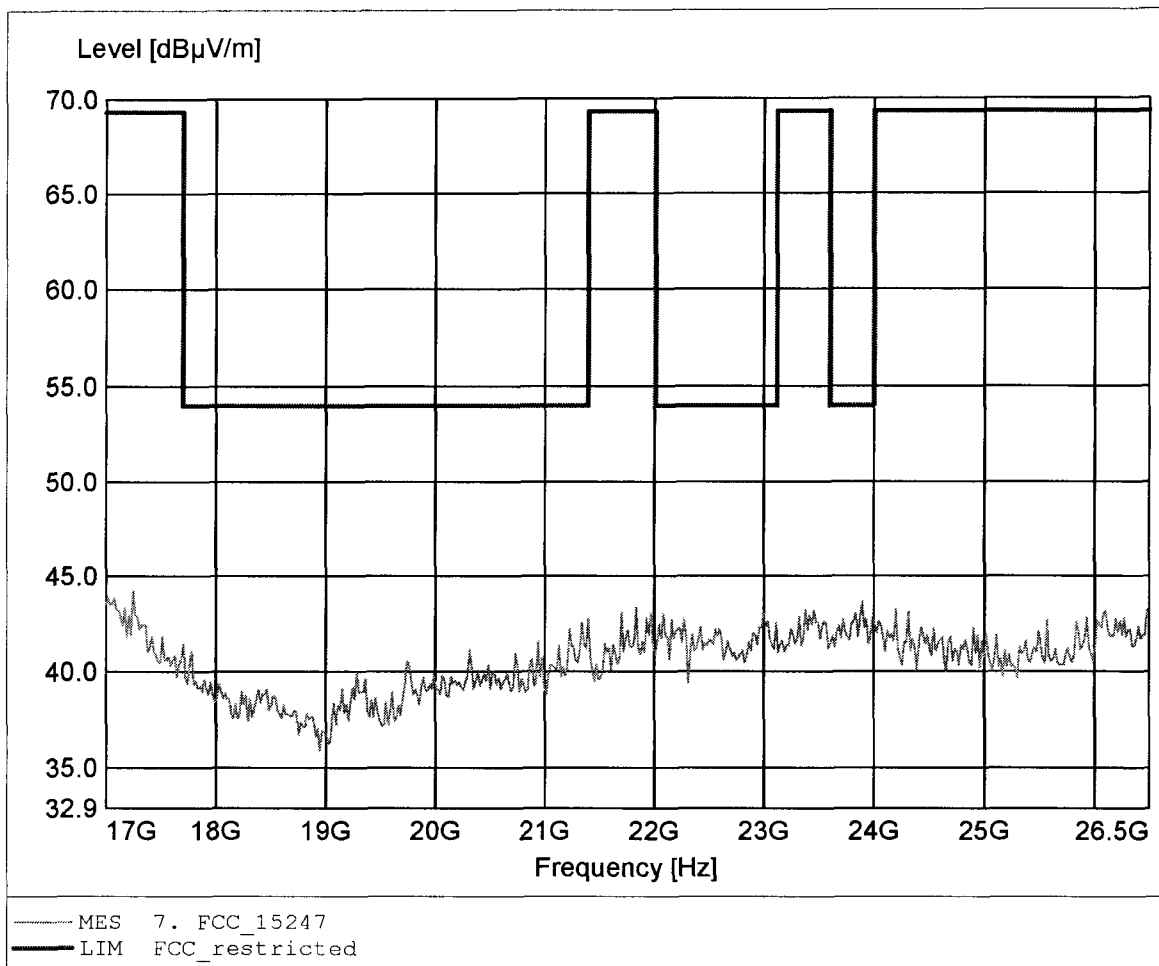
Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.623GHz, Emax: 50.25dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.247GHz, Emax: 44.24dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: MIR Medical International Research
EUT / Ch.: Medical device / 2402
Model: Spirolab III
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 120 V AC (AC/DC-adapter)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 45.80dBµV/m, RBW: 1MHz

