



## Appendix B

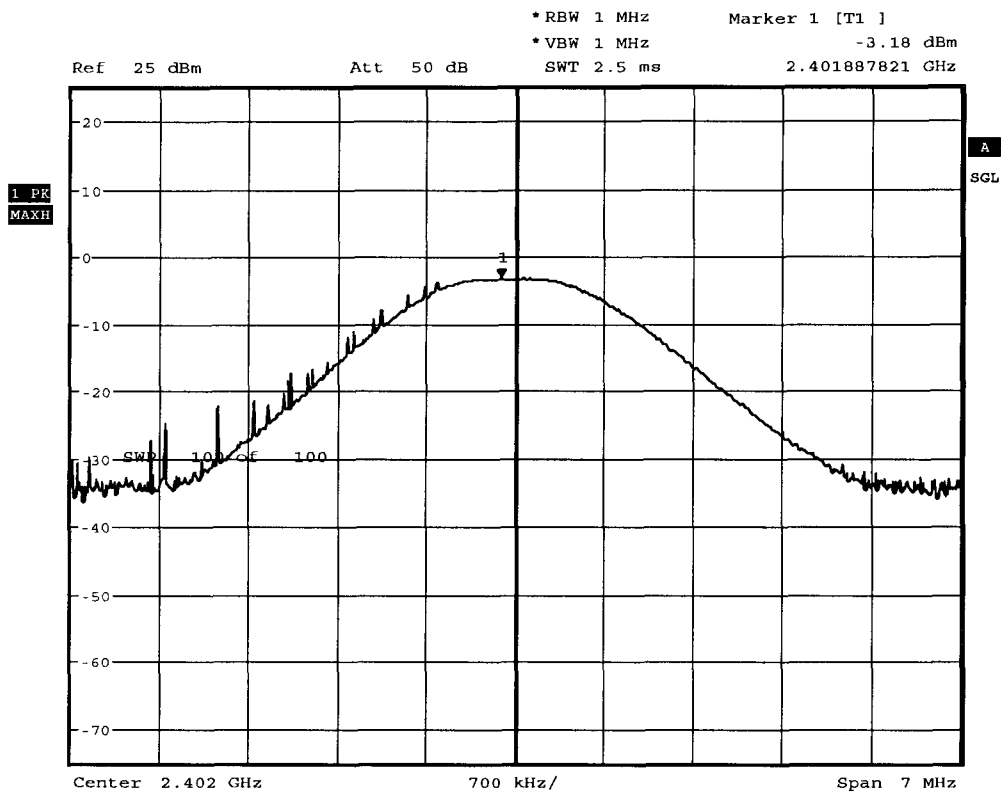
RF power output conducted



FCC part 15.247

Peak output power conducted

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



Date: 11.MAY.2006 06:05:06

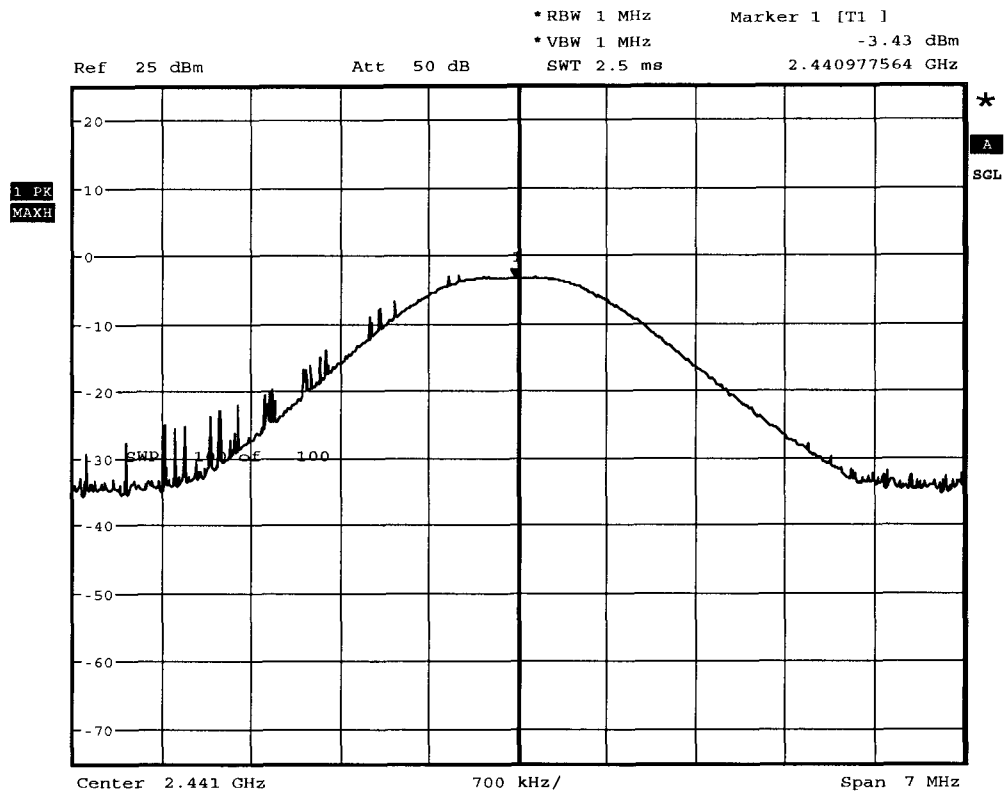
Measurement diagram



FCC part 15.247

Peak output power conducted

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Date: 11.MAY.2006 06:14:08

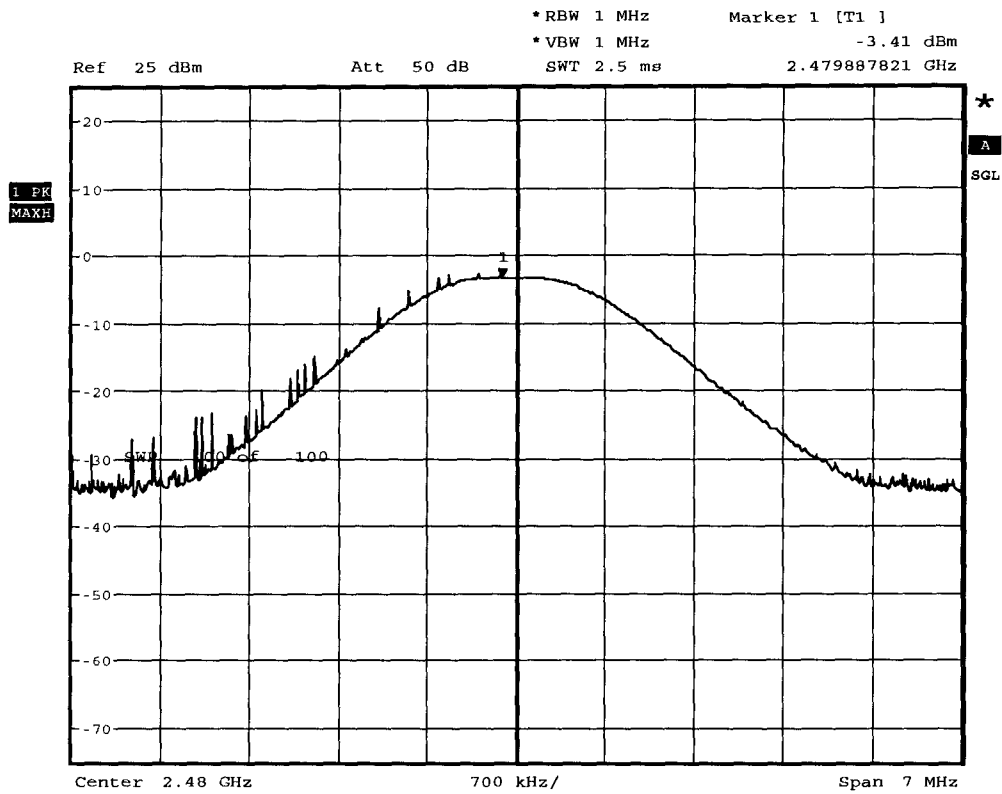
Measurement diagram



FCC part 15.247

Peak output power conducted

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Date: 11.MAY.2006 06:19:58

Measurement diagram



## Appendix C

RF power output radiated (EIRP)



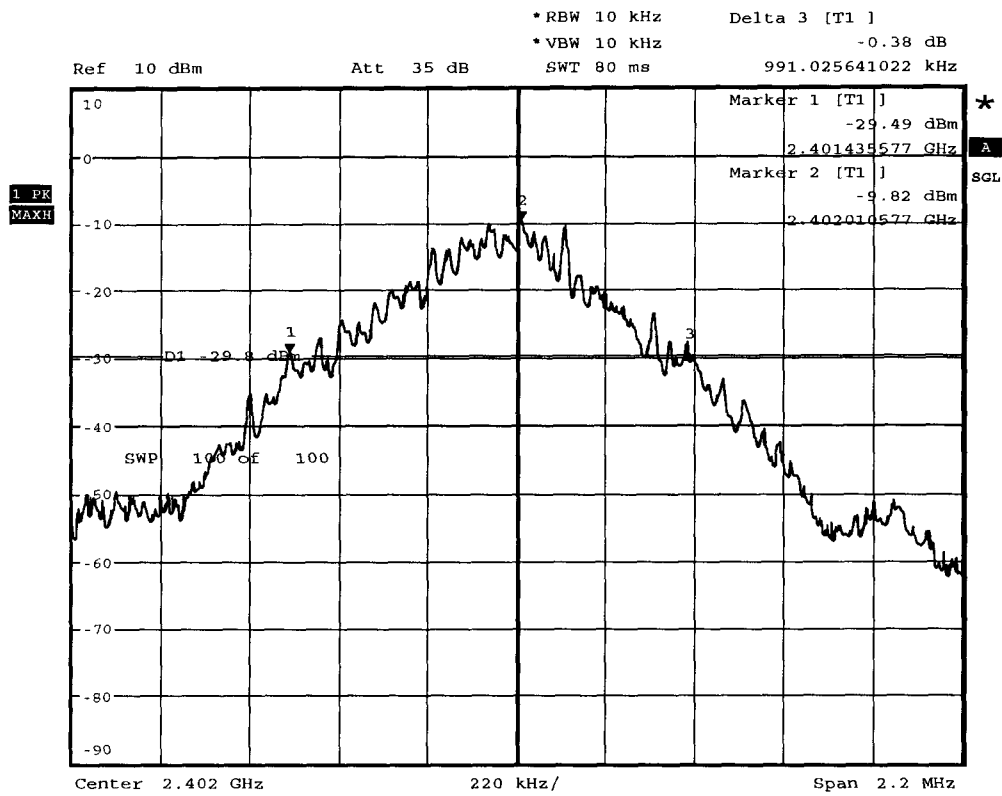
## Appendix D

20 dB bandwidth



FCC part 15.247  
20 dB bandwidth

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



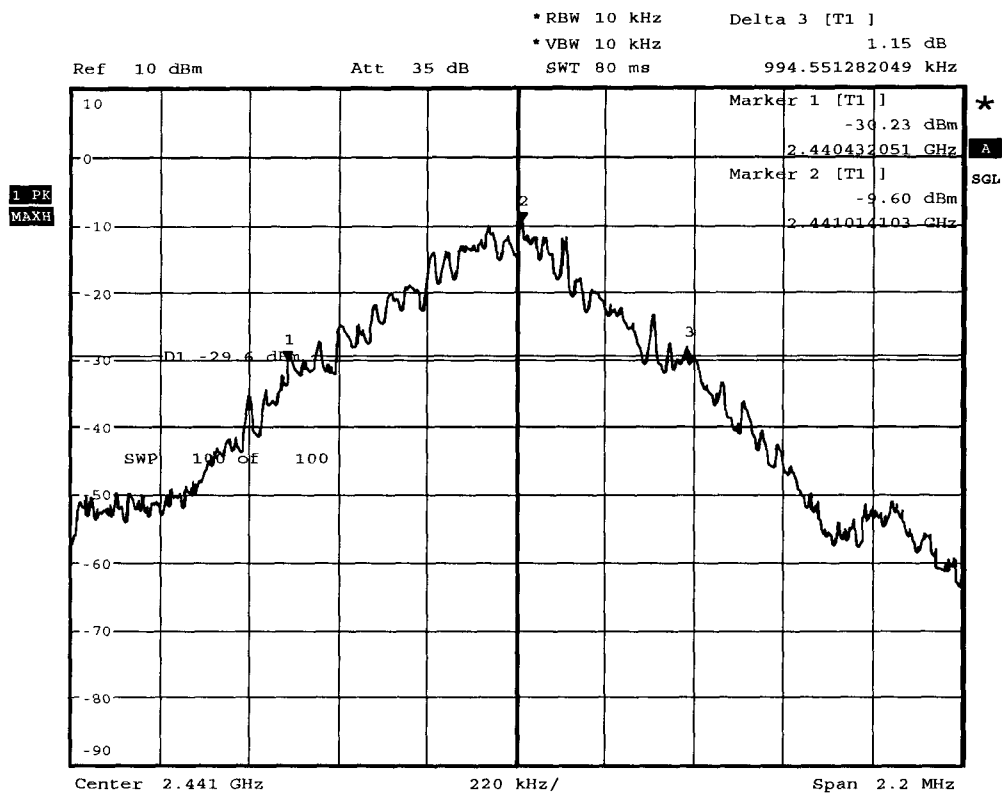
Date: 11.MAY.2006 06:54:53

Measurement diagram



FCC part 15.247  
20 dB bandwidth

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Date: 11.MAY.2006 06:57:16

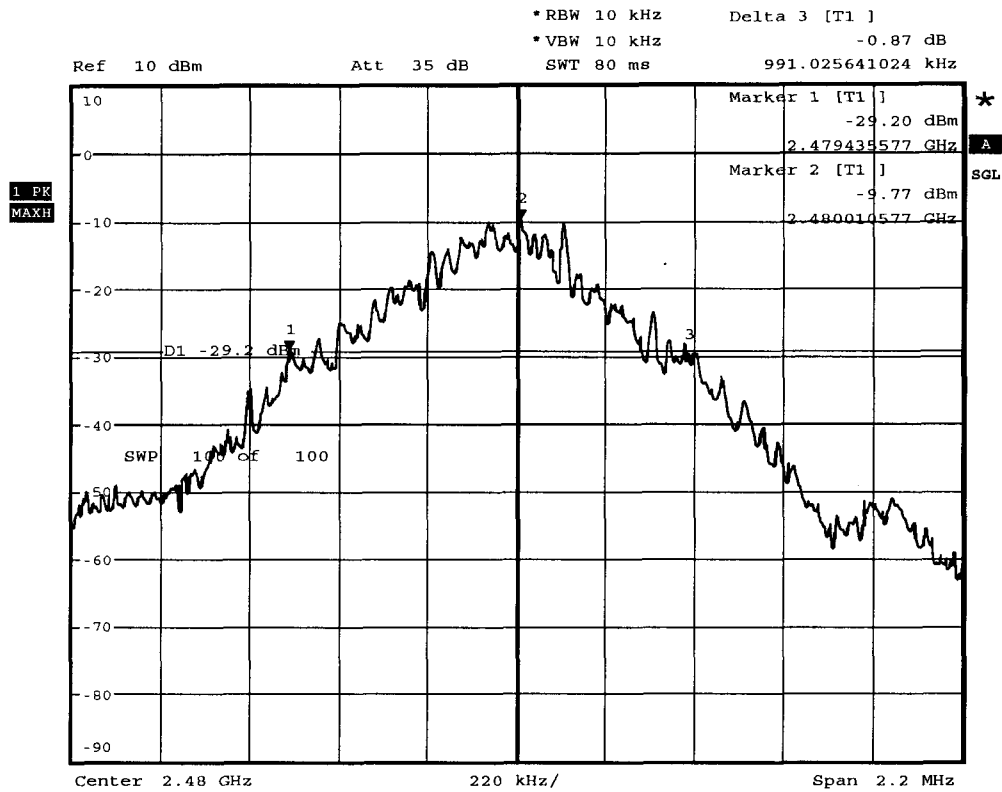
Measurement diagram





FCC part 15.247  
20 dB bandwidth

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Date: 11.MAY.2006 06:52:10

Measurement diagram



## Appendix E

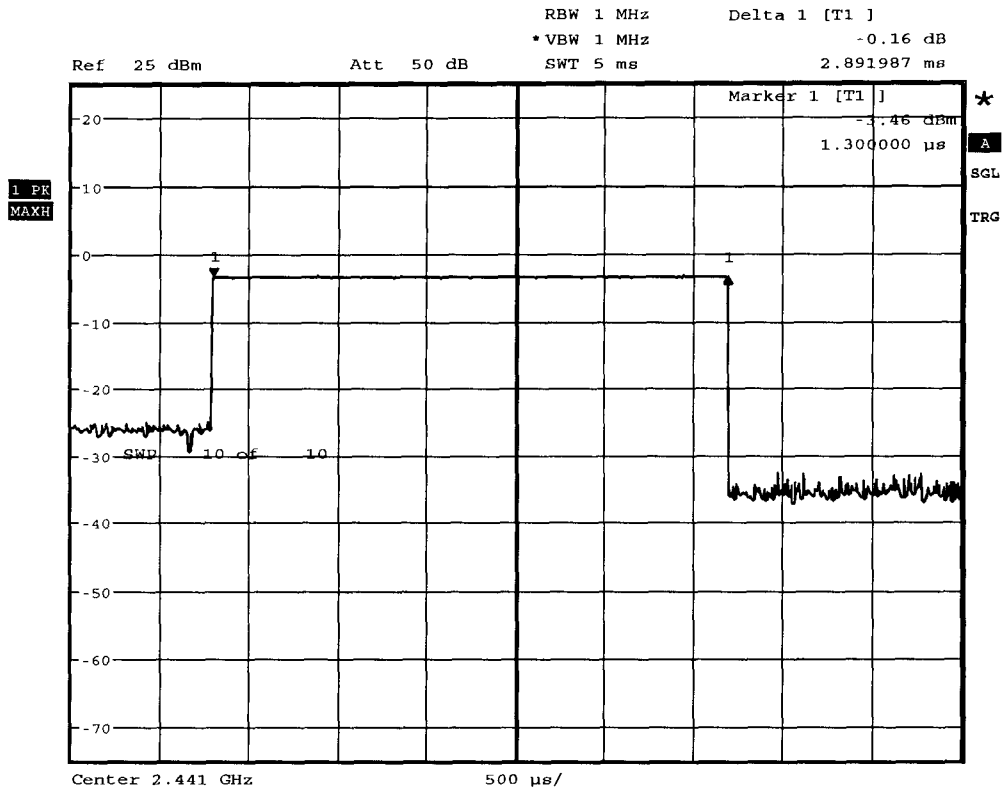
Time of occupancy (dwell time)



FCC part 15.247

Time of occupancy (dwell time)

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Time of occupancy
Comment 2	Channel.: 39 / 2441 MHz (Hopping mode)
Comment 3	55 events * 2.891 ms result: 159 ms



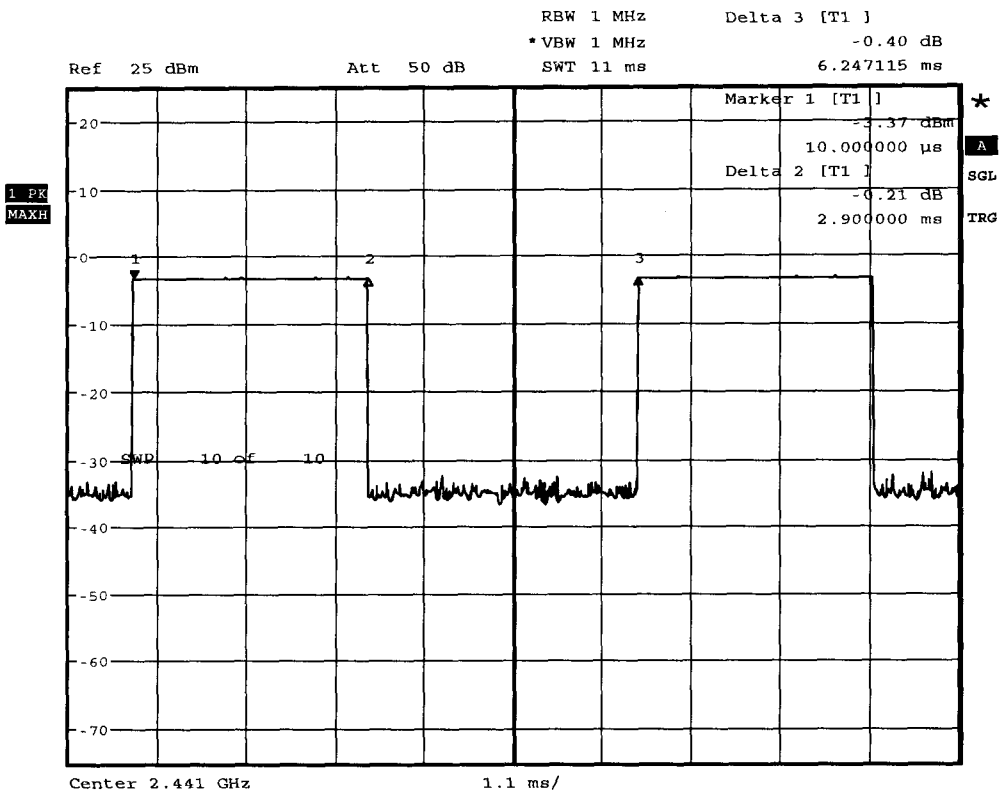
Date: 11.MAY.2006 07:44:46

Measurement diagram



FCC part 15.247  
Duty cycle

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Duty cycle
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	Duty cycle 0.46



Date: 11.MAY.2006 07:07:16

Measurement diagram



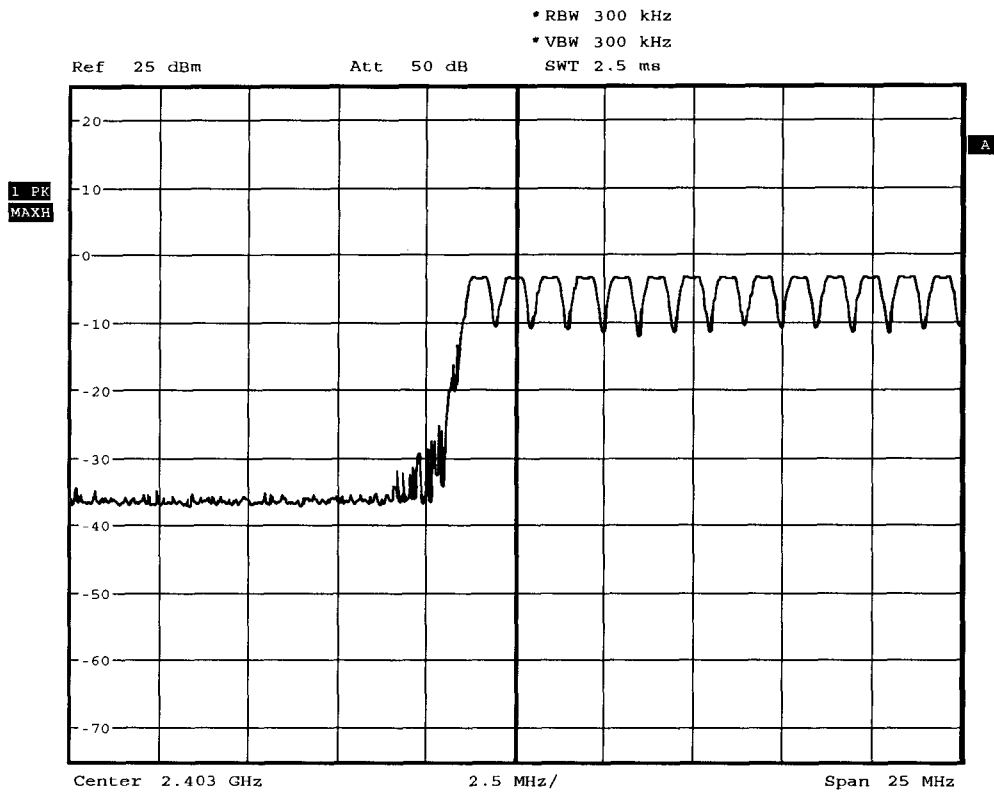
## Appendix F

Number of hopping frequencies



**FCC part 15.247**  
**Number of hopping frequencies**

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	



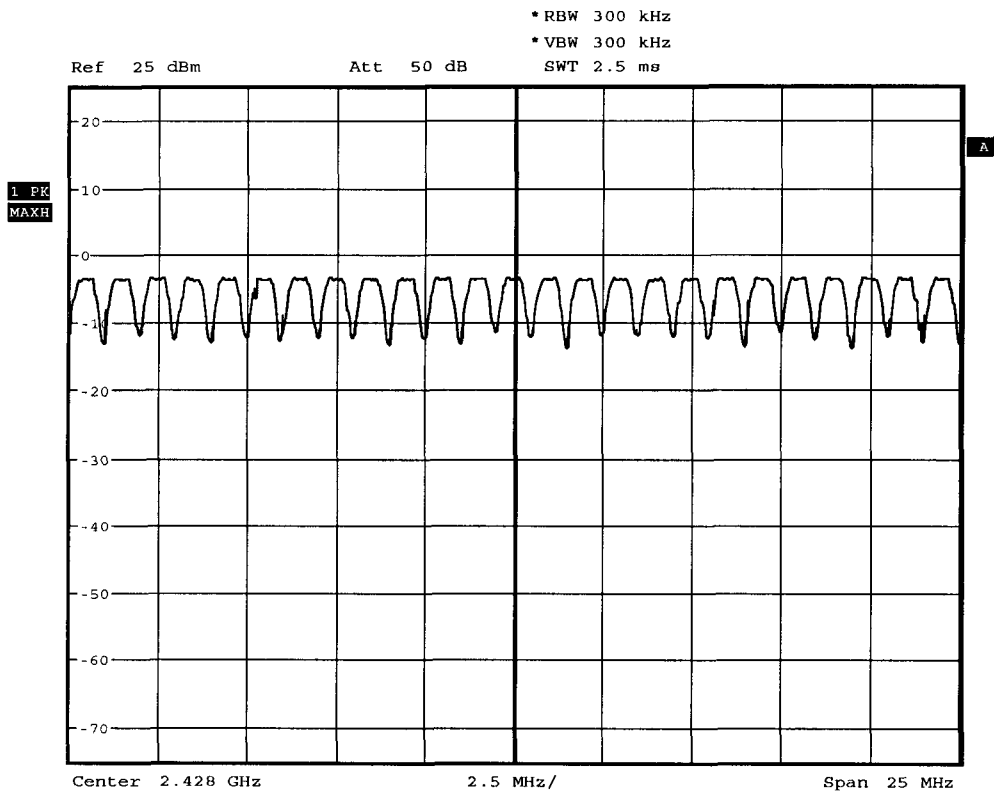
Date: 11.MAY.2006 08:21:44

Measurement diagram



**FCC part 15.247**  
**Number of hopping frequencies**

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	



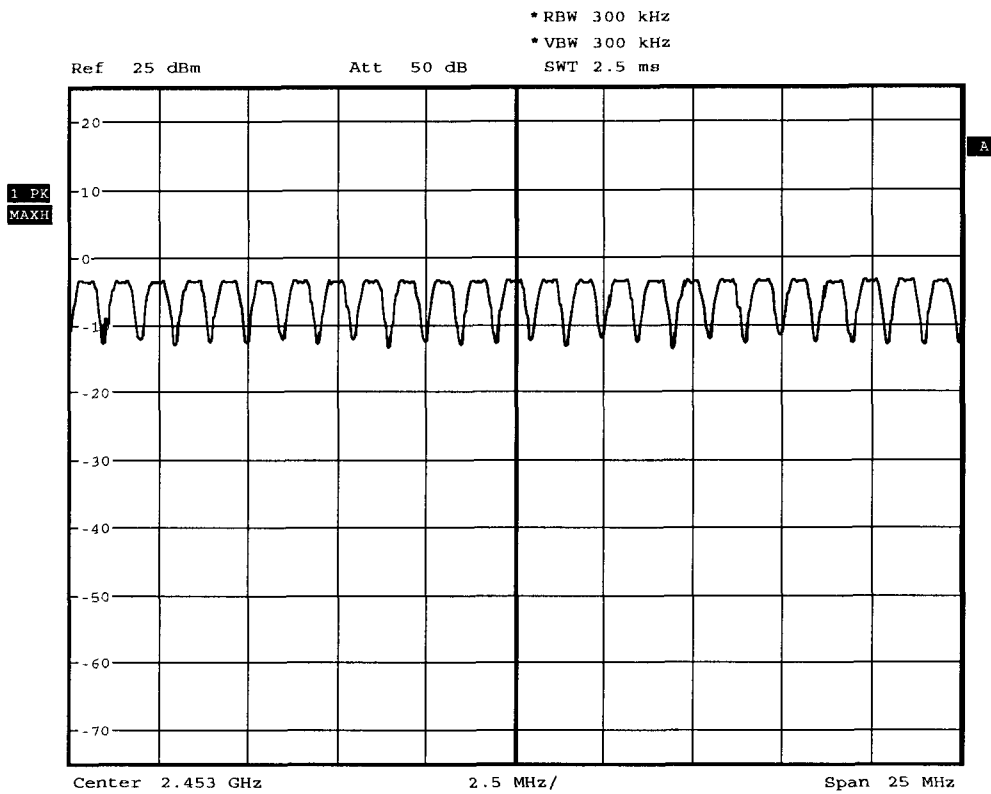
Date: 11.MAY.2006 08:23:29

Measurement diagram



**FCC part 15.247**  
**Number of hopping frequencies**

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.:39-63
Comment 3	



Date: 11.MAY.2006 08:25:03

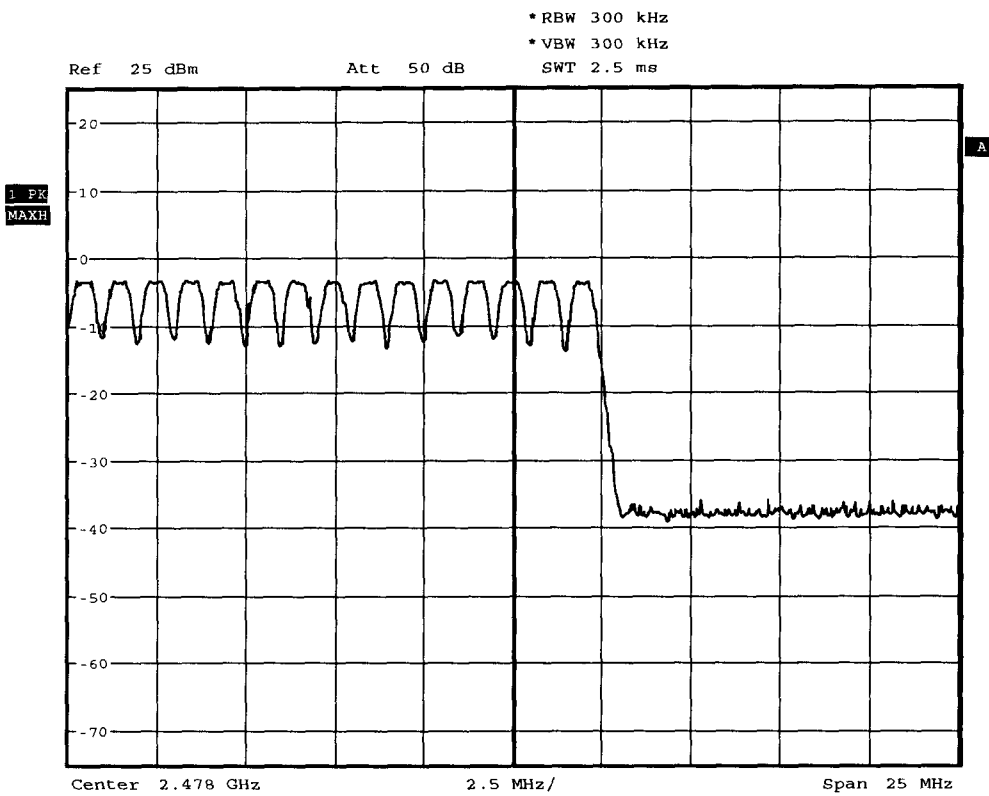
Measurement diagram





**FCC part 15.247**  
**Number of hopping frequencies**

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 64-78
Comment 3	



Date: 11.MAY.2006 08:26:49

Measurement diagram



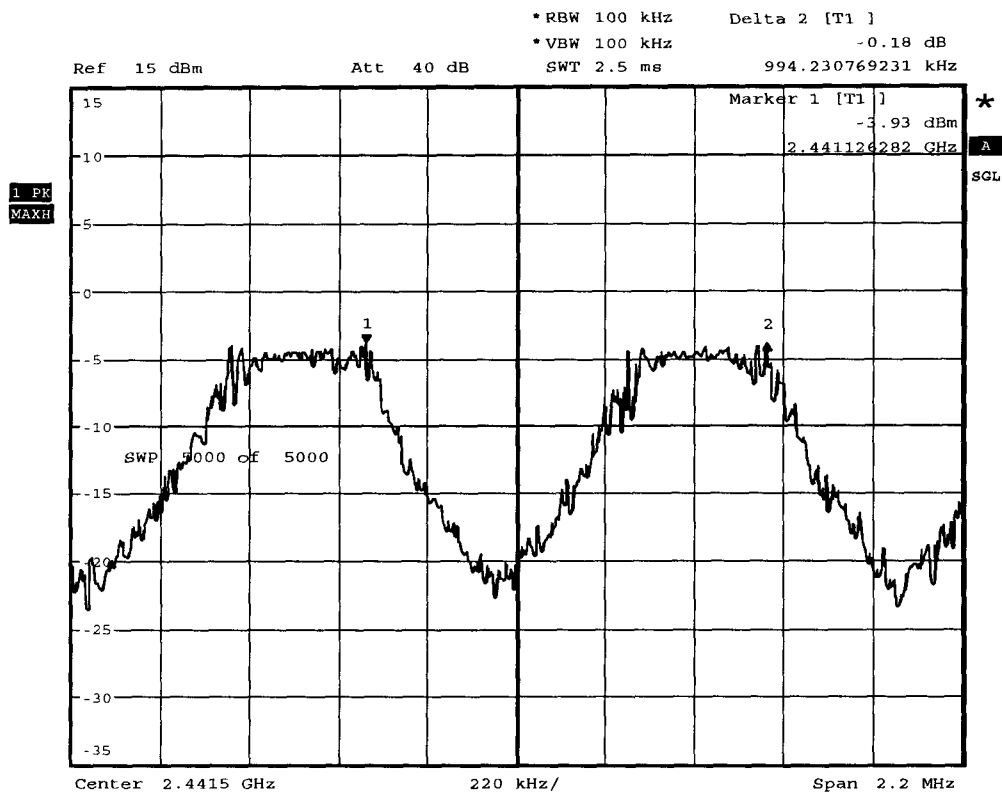
## Appendix G

Carrier frequency separation



FCC part 15.247  
Carrier frequency separation

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Carrier frequency separation
Comment 2	Channel.: 39/40 / 2441/2442 MHz
Comment 3	Hopping mode



Date: 11.MAY.2006 07:05:46

Measurement diagram



## Appendix H

Spurious emission conducted



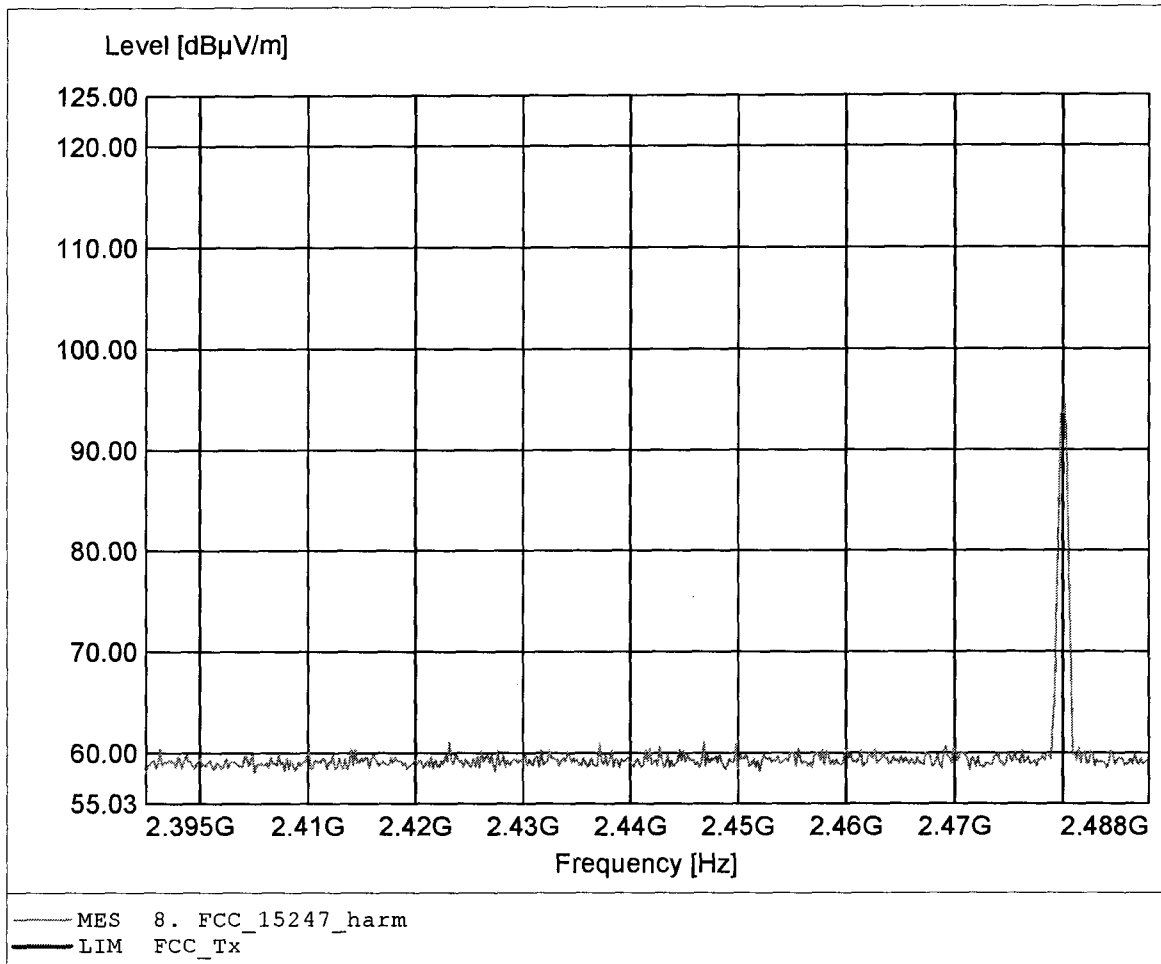
## Appendix I

Spurious emission radiated

**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

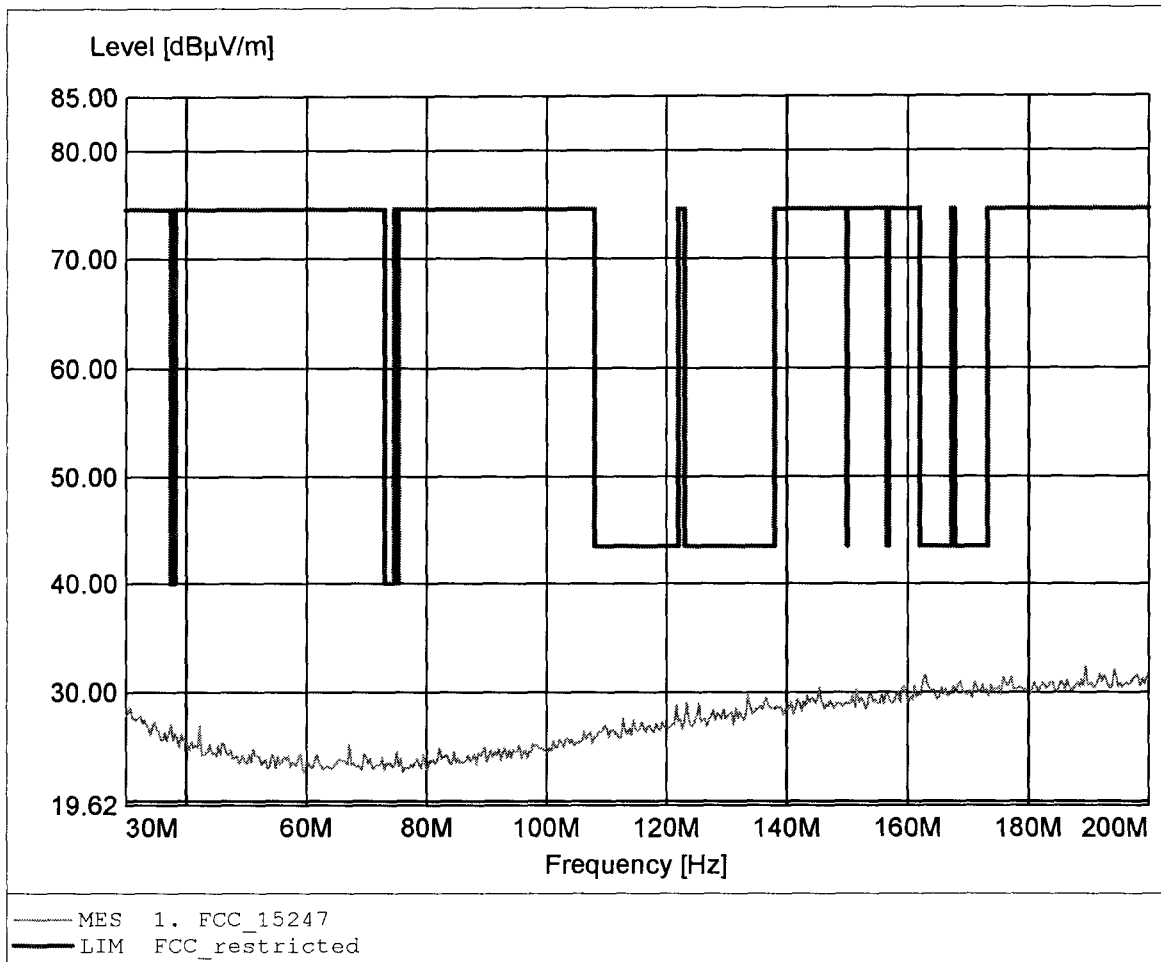
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Emax: 94.58dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

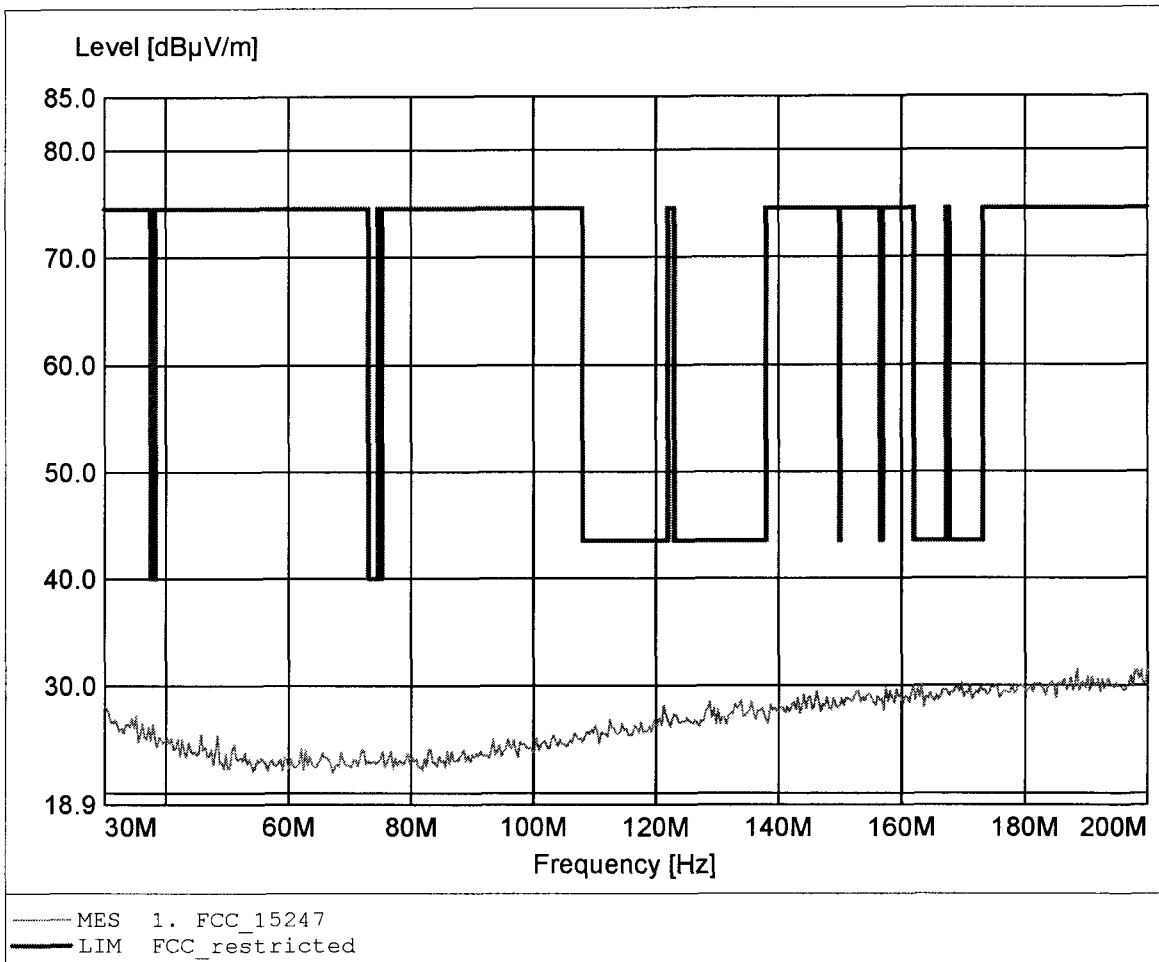
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 189.439MHz, Emax: 32.44dBµV/m, REW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 188.417MHz, Emax: 31.54dBµV/m, REW: 100kHz

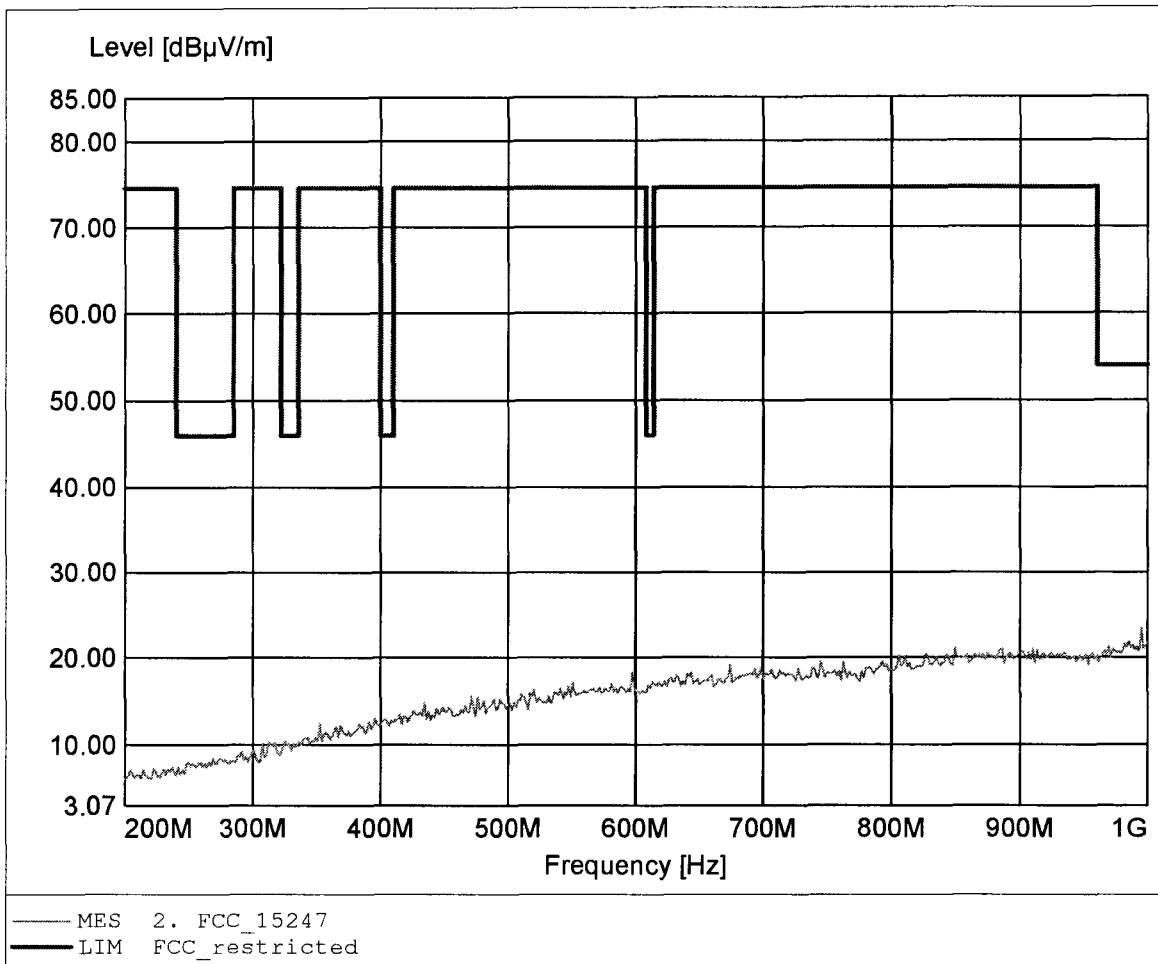




**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

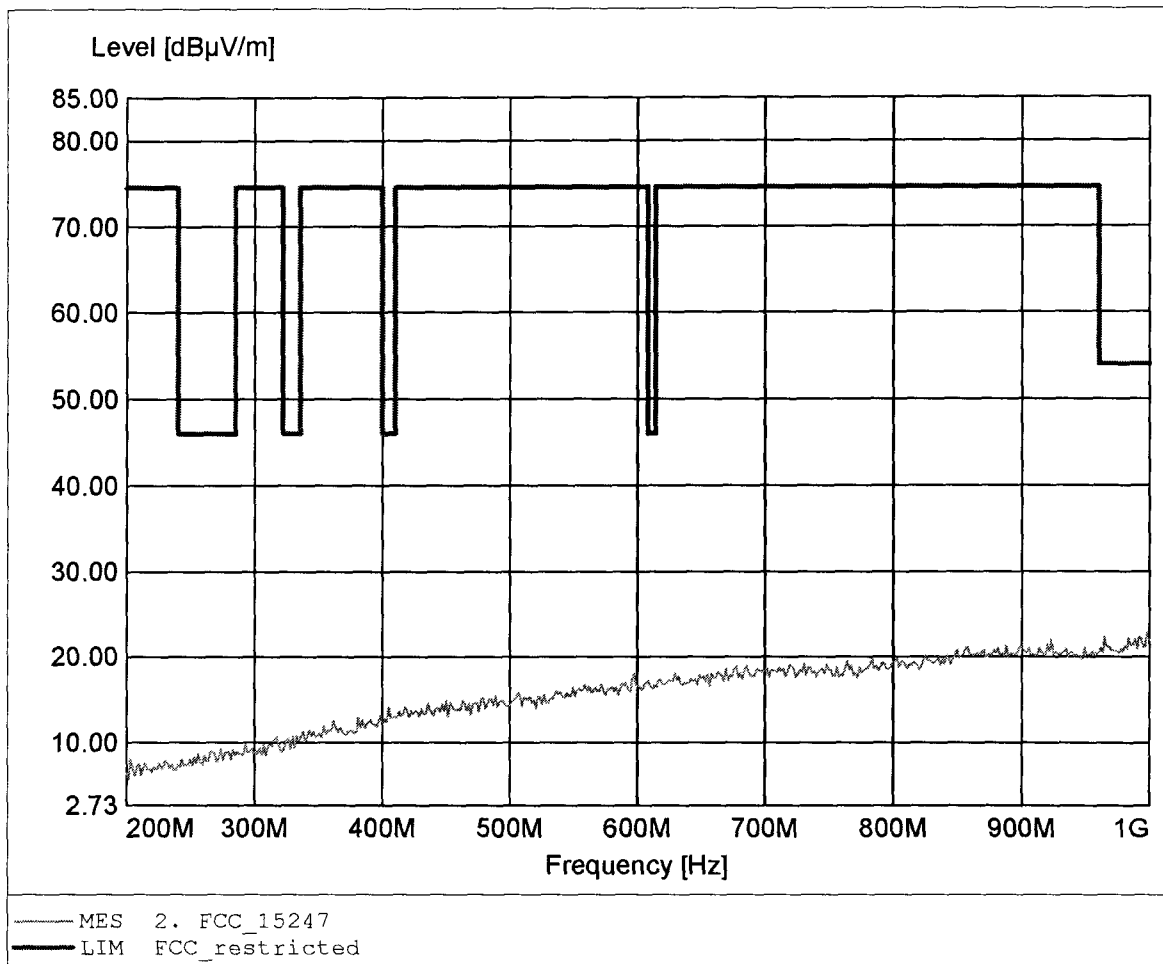
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 995.190MHz, Emax: 23.42dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

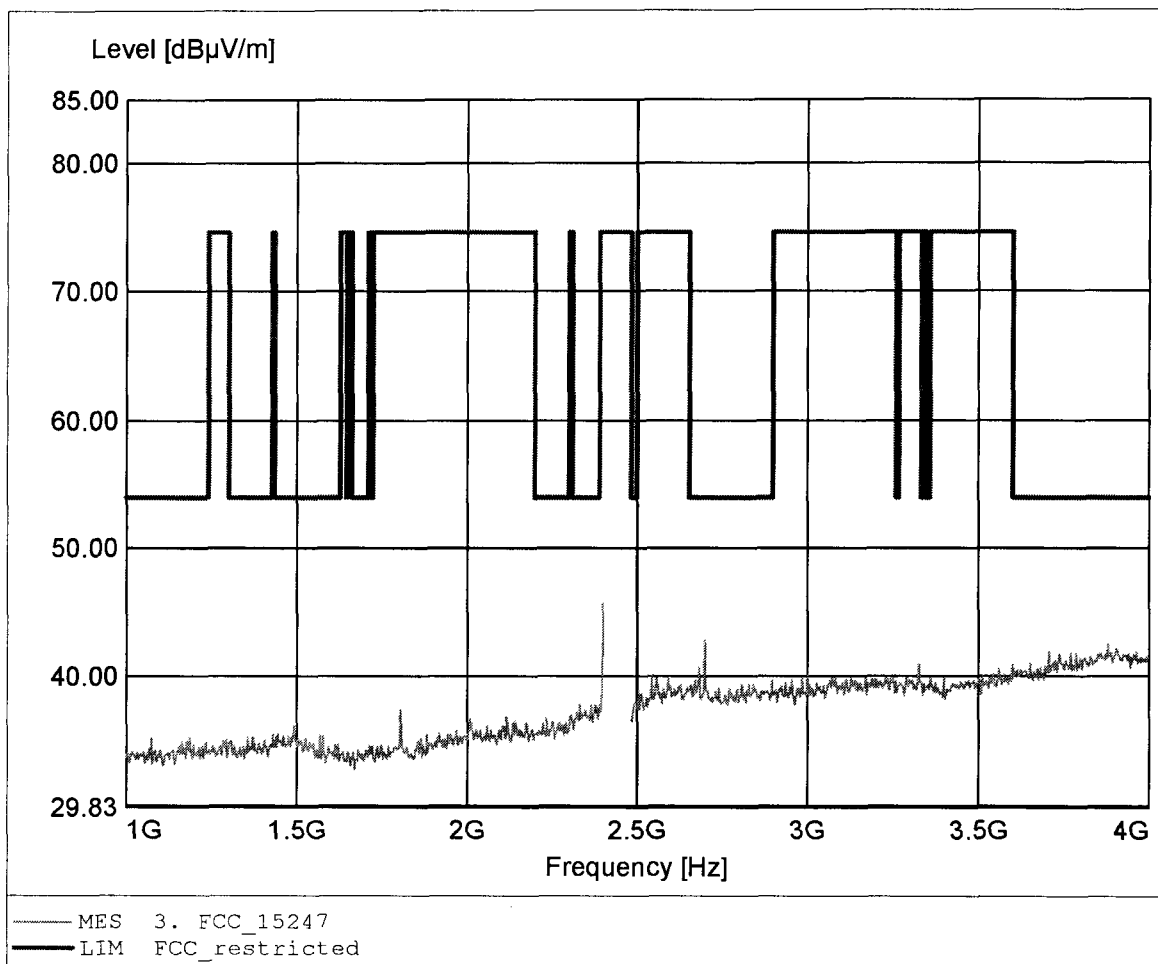
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 998.397MHz, Emax: 22.82dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

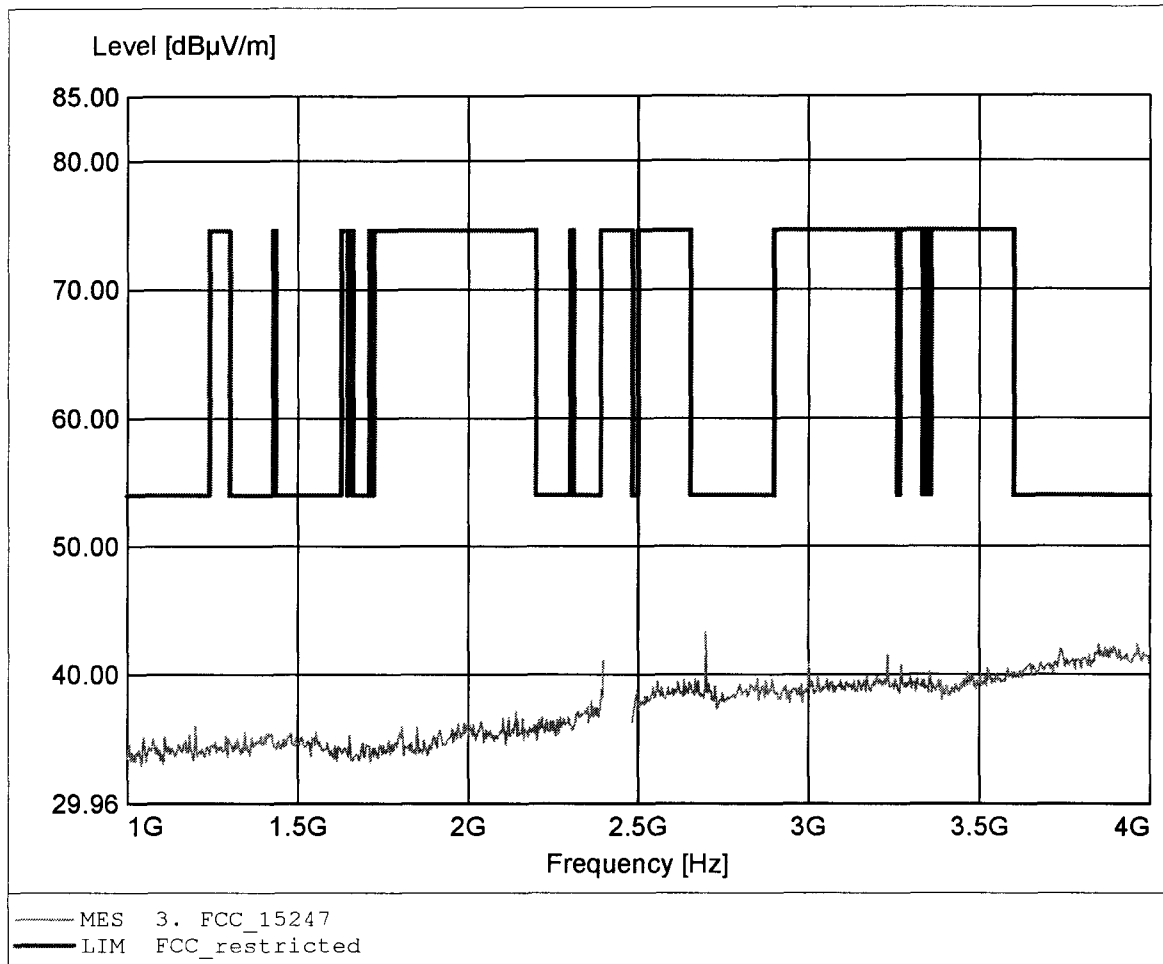
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 45.65dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

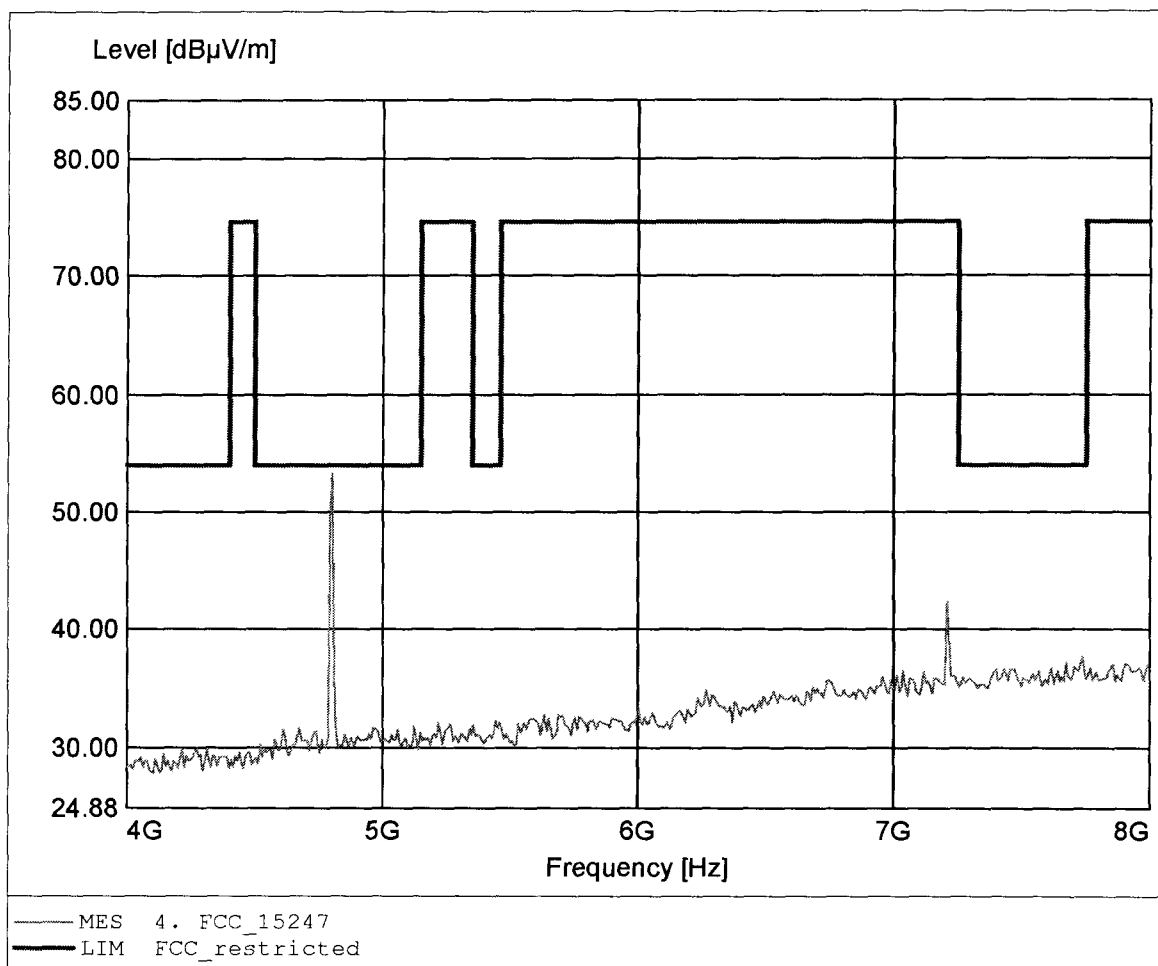
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.699GHz, Emax: 43.28dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

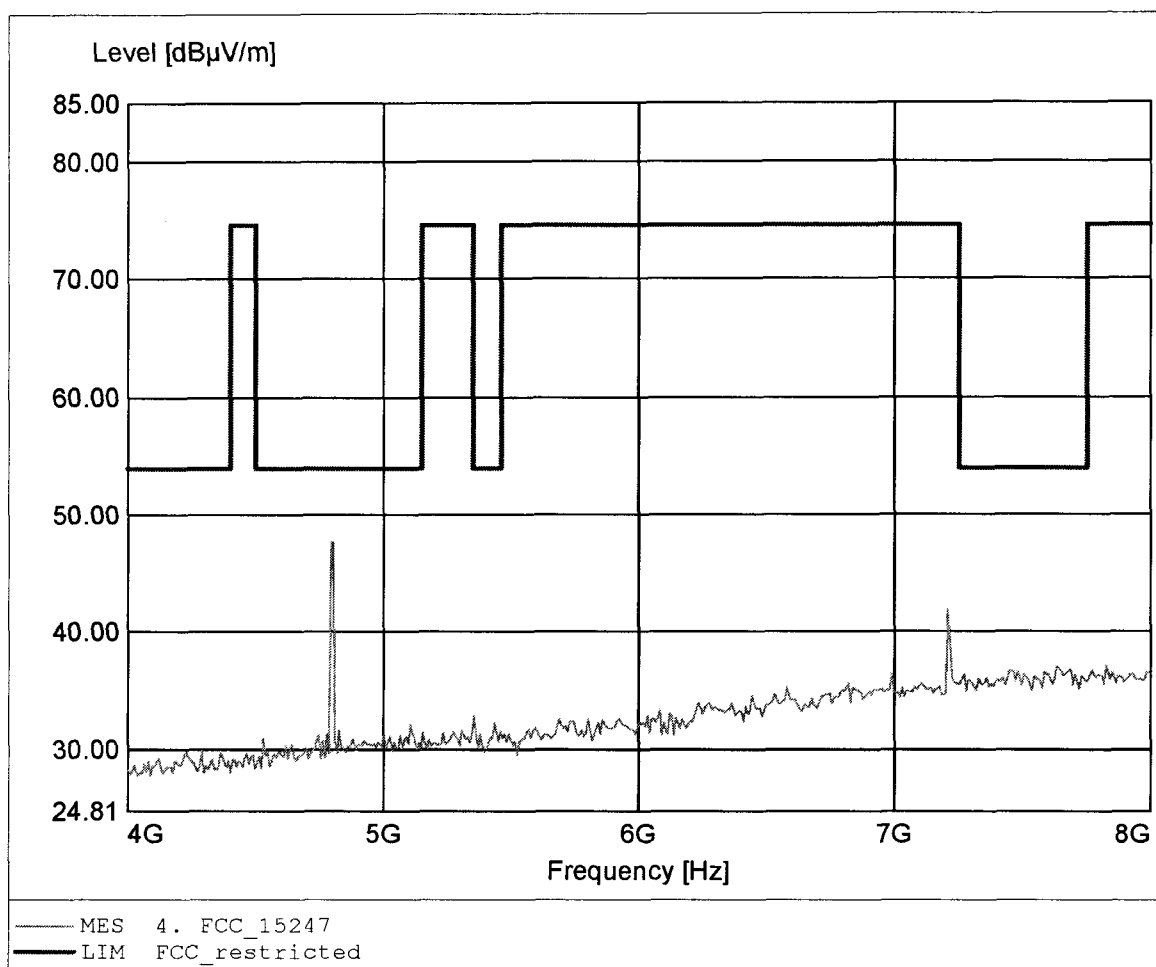
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.802GHz, Emax: 53.27dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

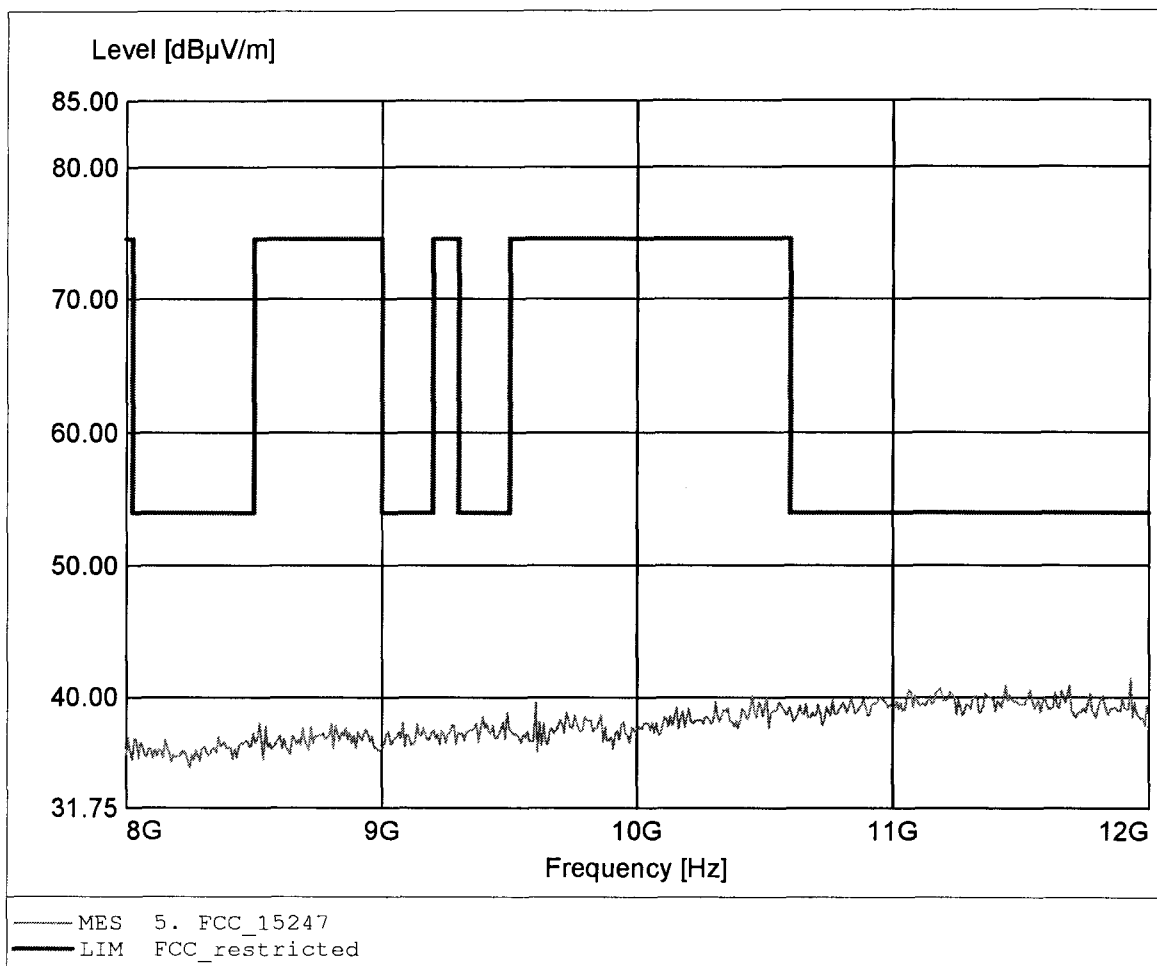
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.794GHz, Emax: 47.66dB $\mu$ V/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

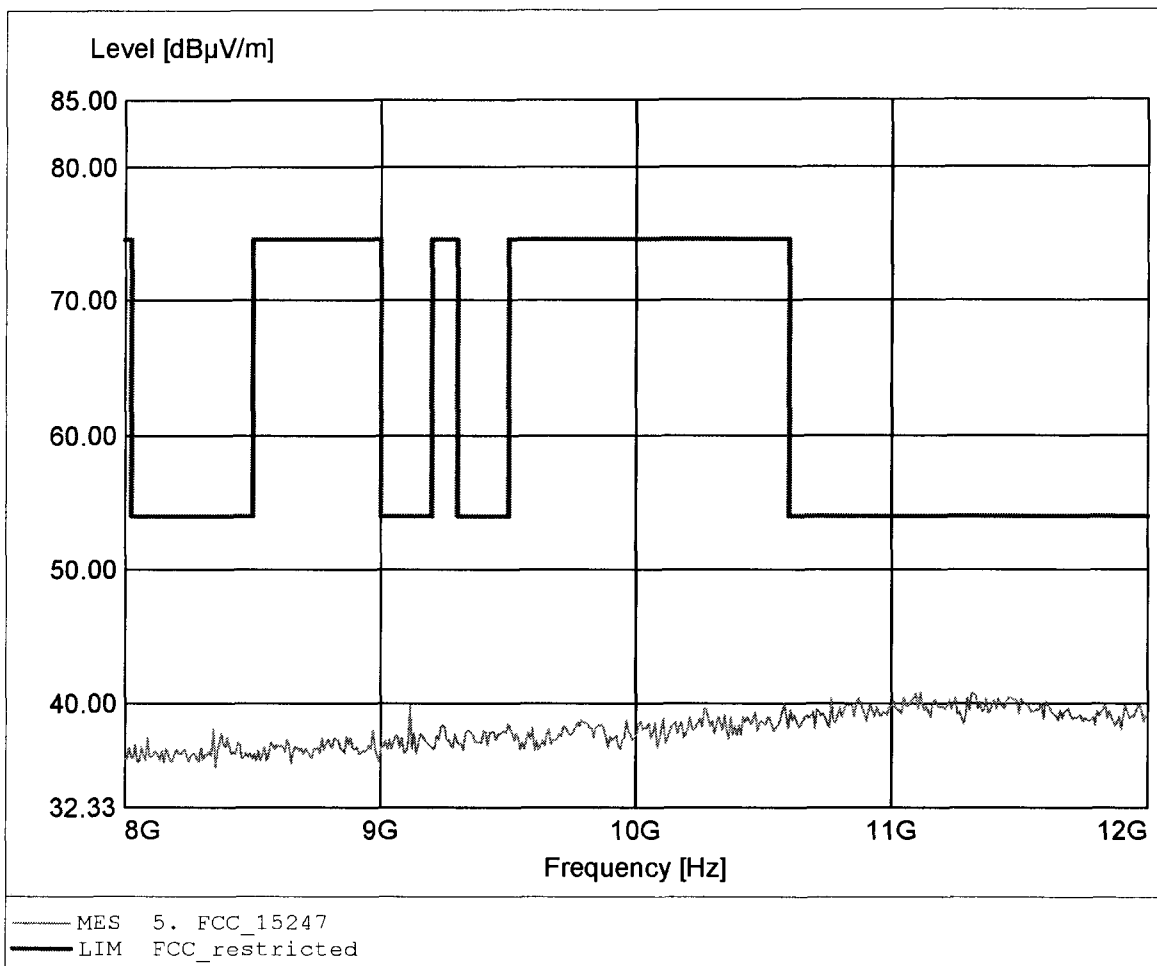
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.928GHz, Emax: 41.43dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.110GHz, Emax: 40.82dBµV/m, REW: 1MHz

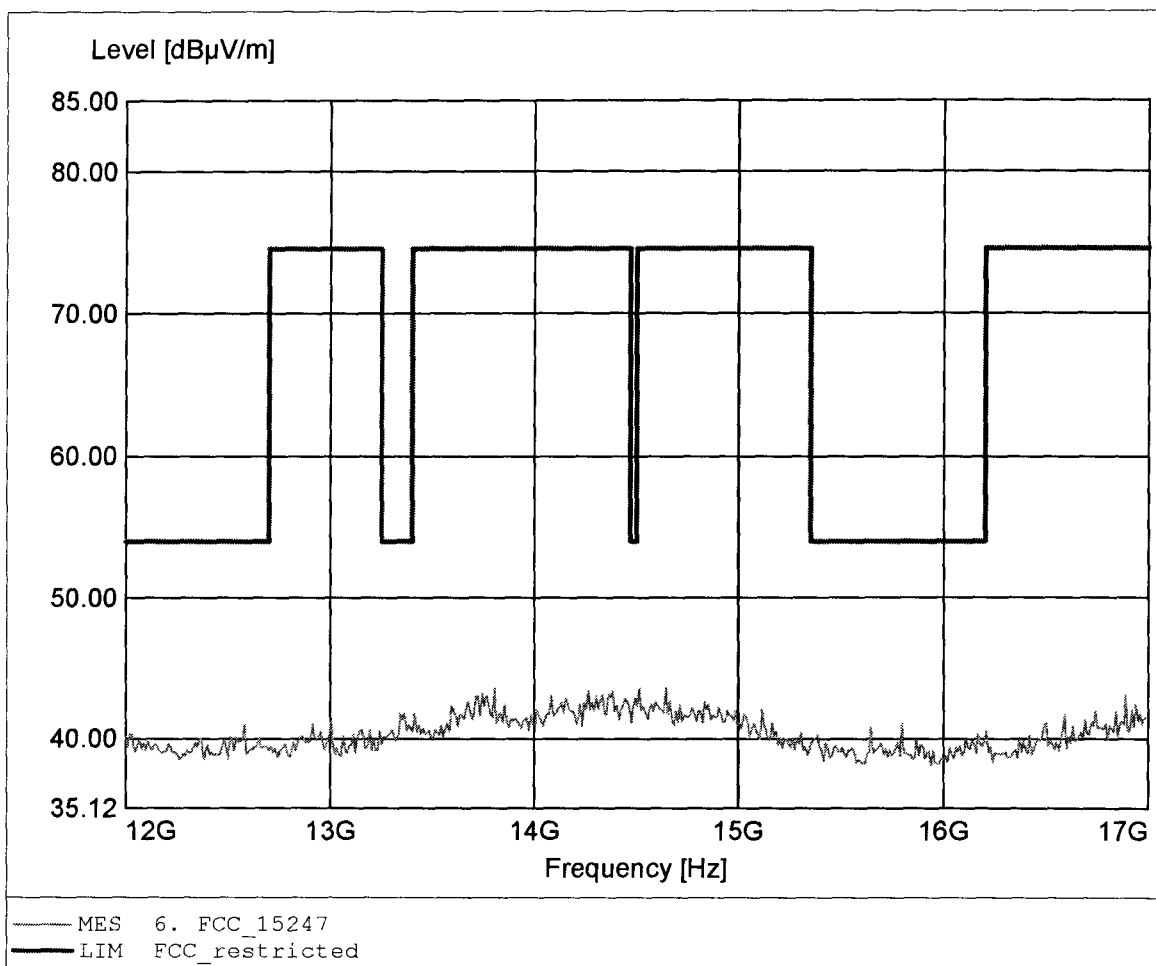




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

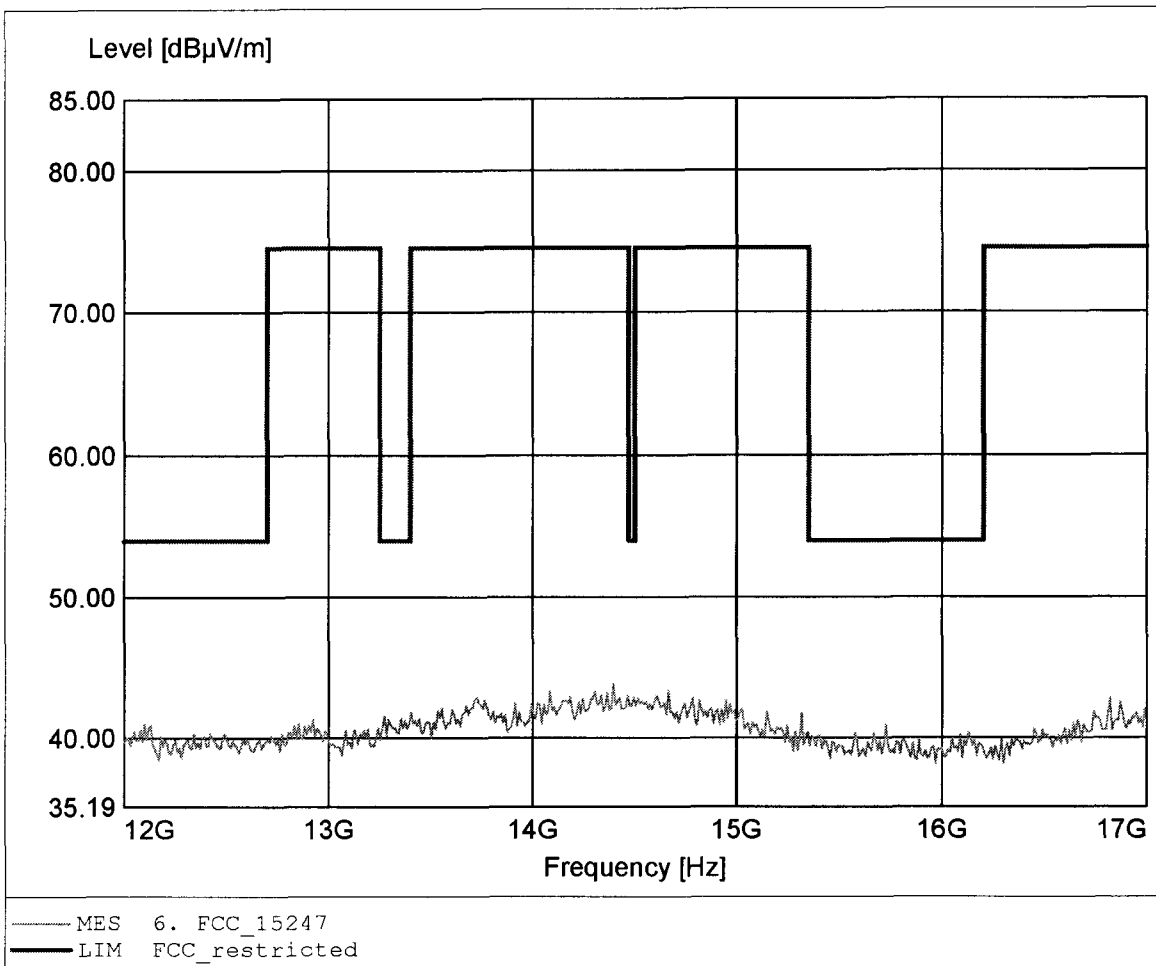
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.515GHz, Emax: 43.60dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

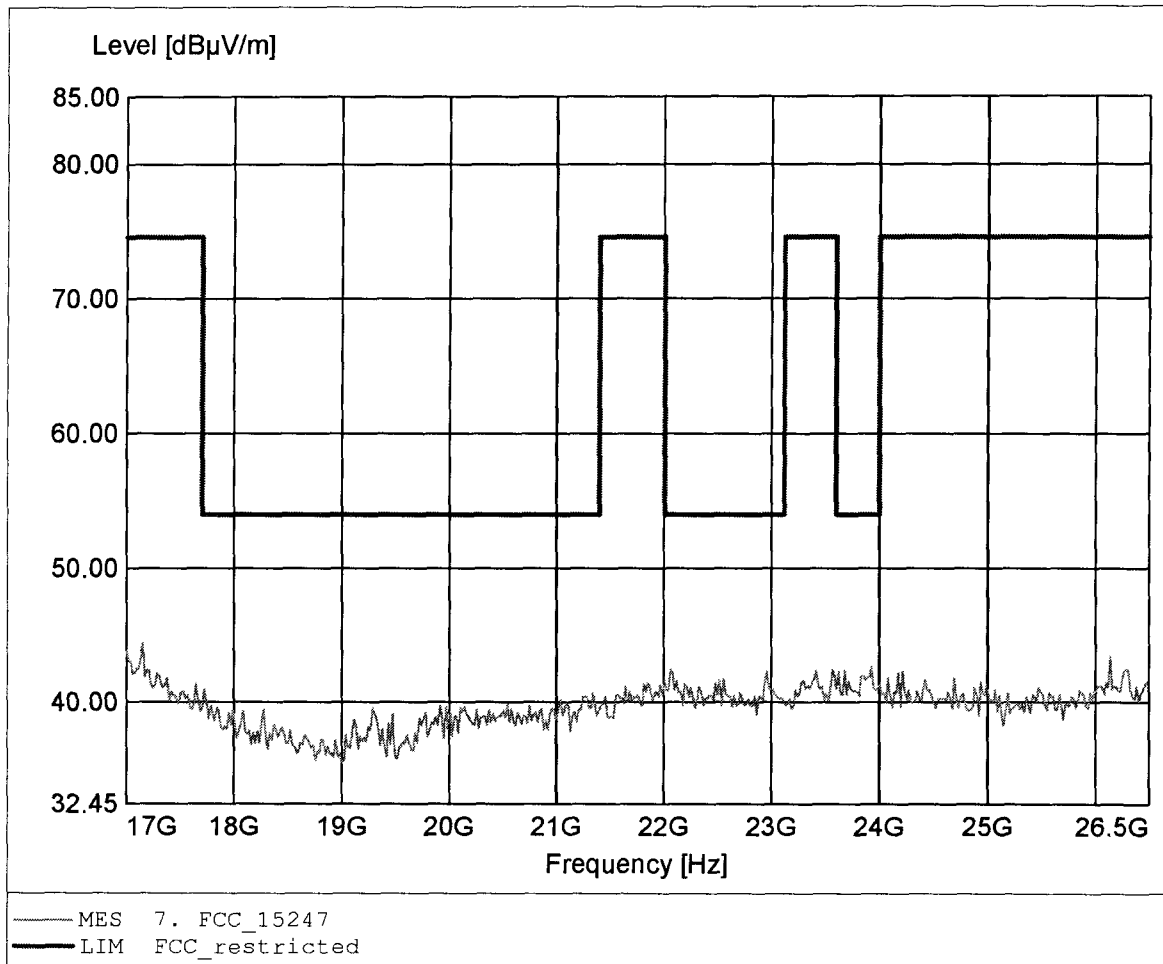
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.395GHz, Emax: 43.78dBµV/m, REW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

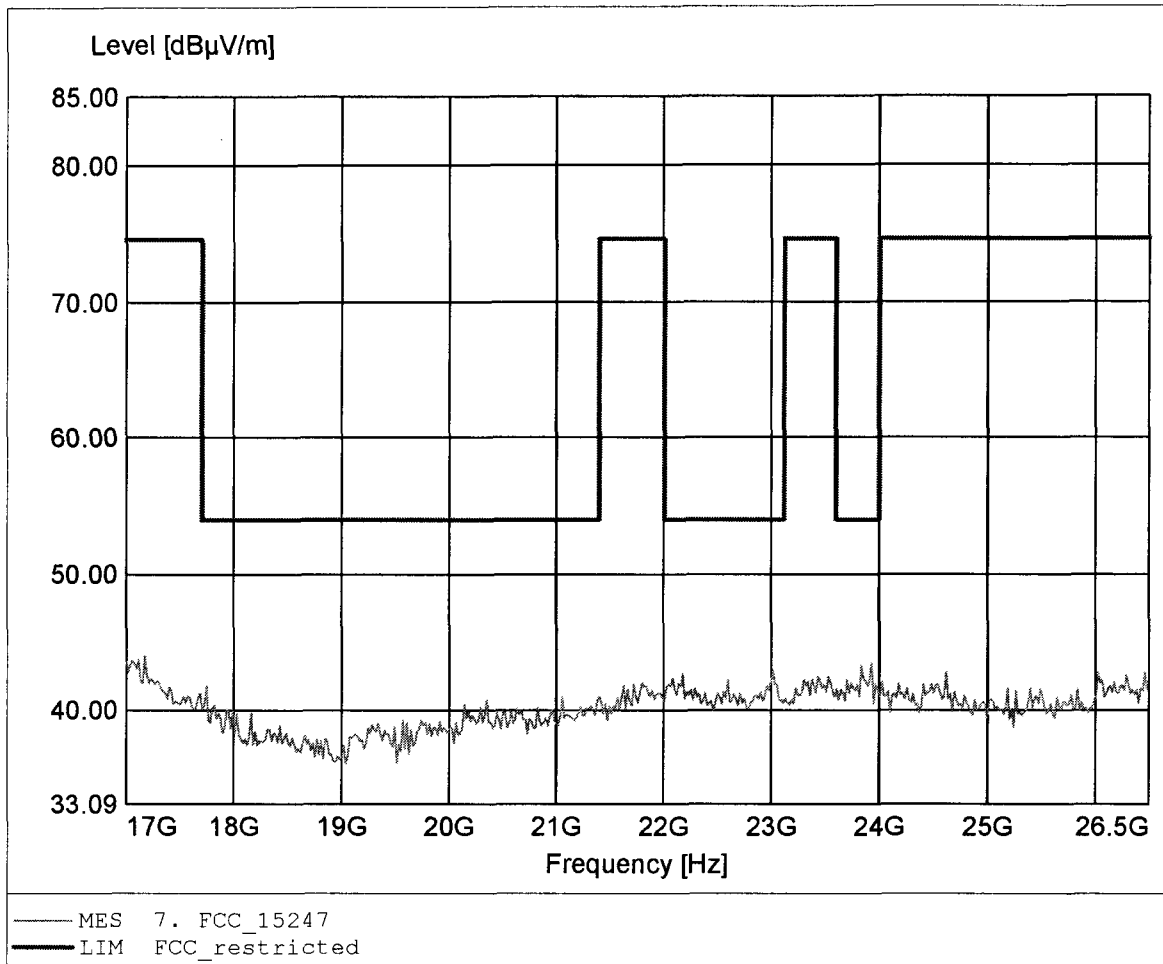
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.152GHz, Emax: 44.39dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

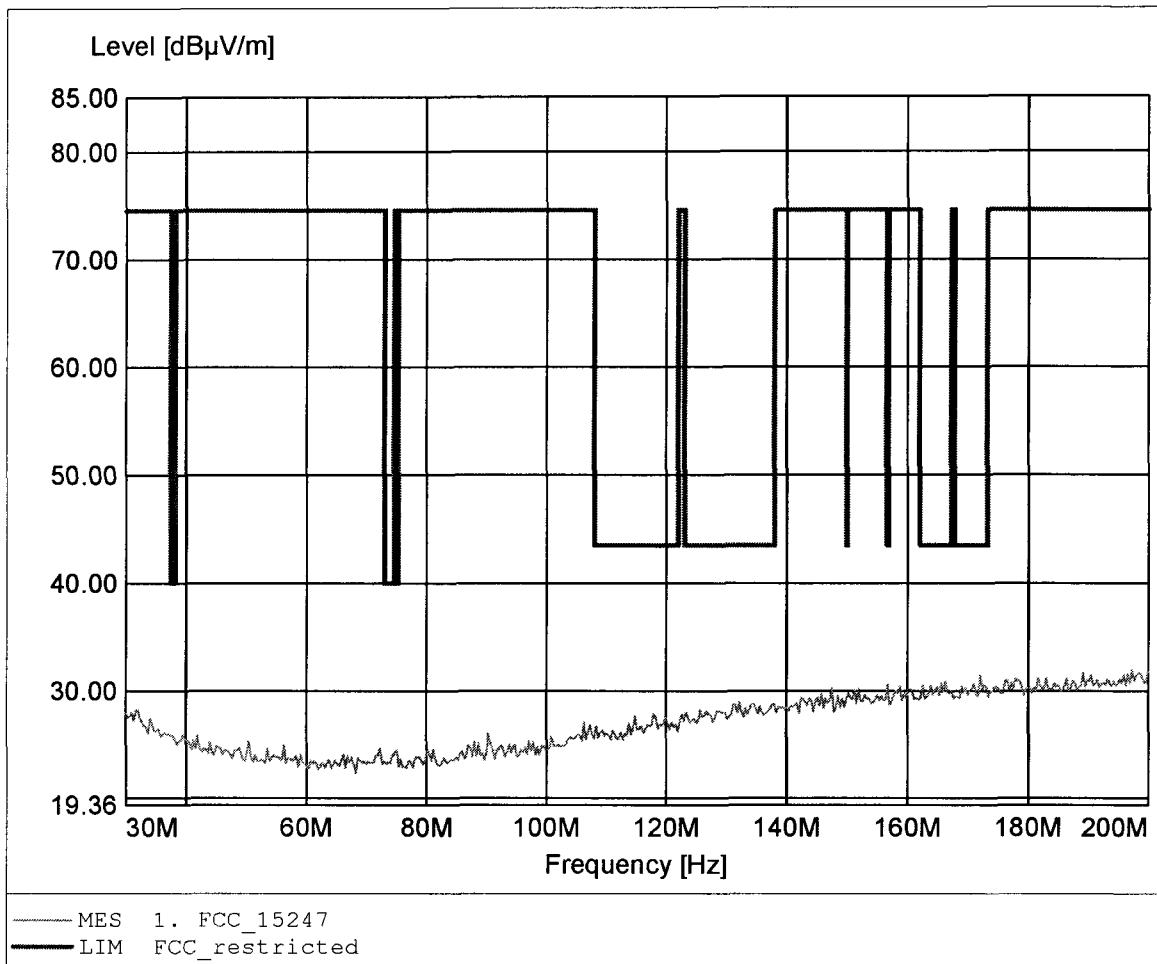
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2402 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.171GHz, Emax: 43.96dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

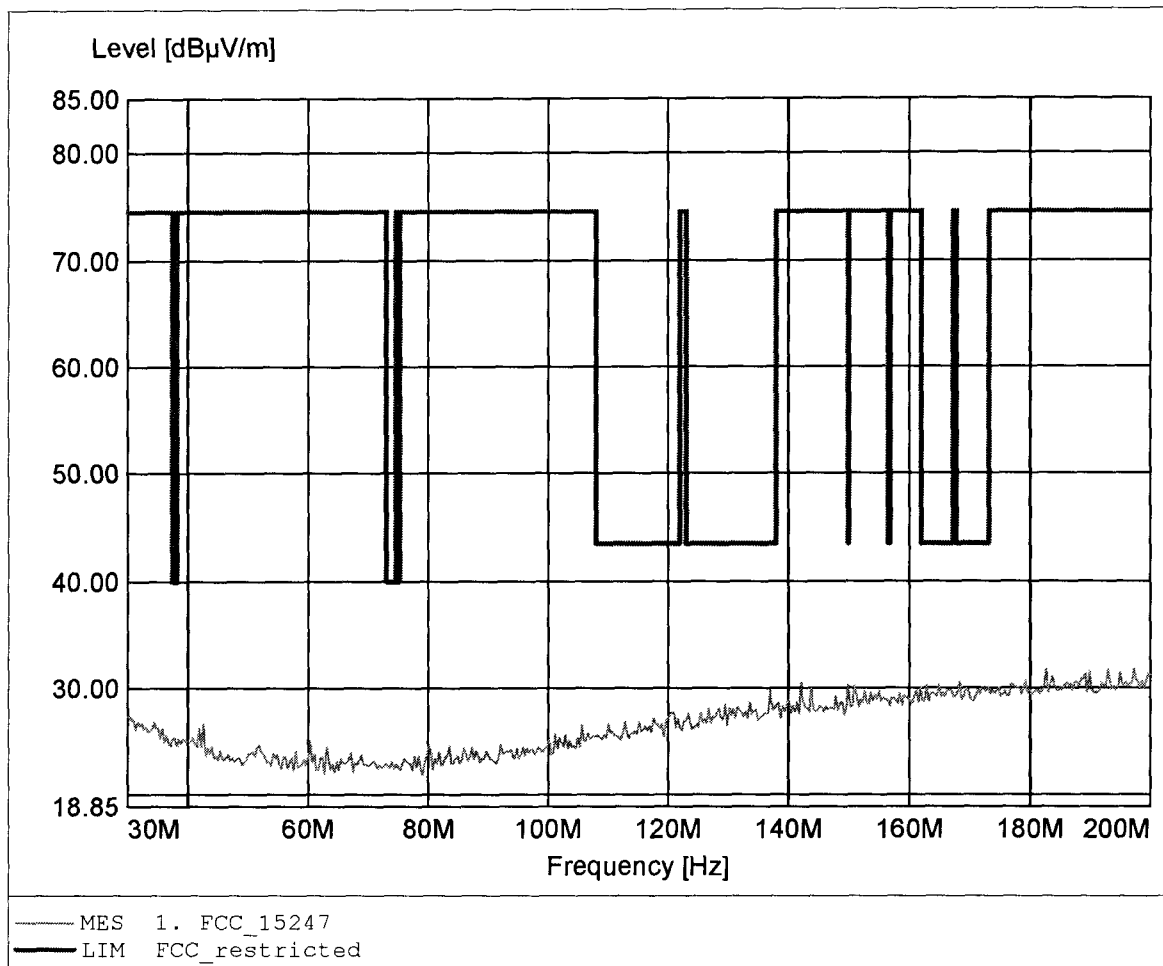
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 197.275MHz, Emax: 31.96dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

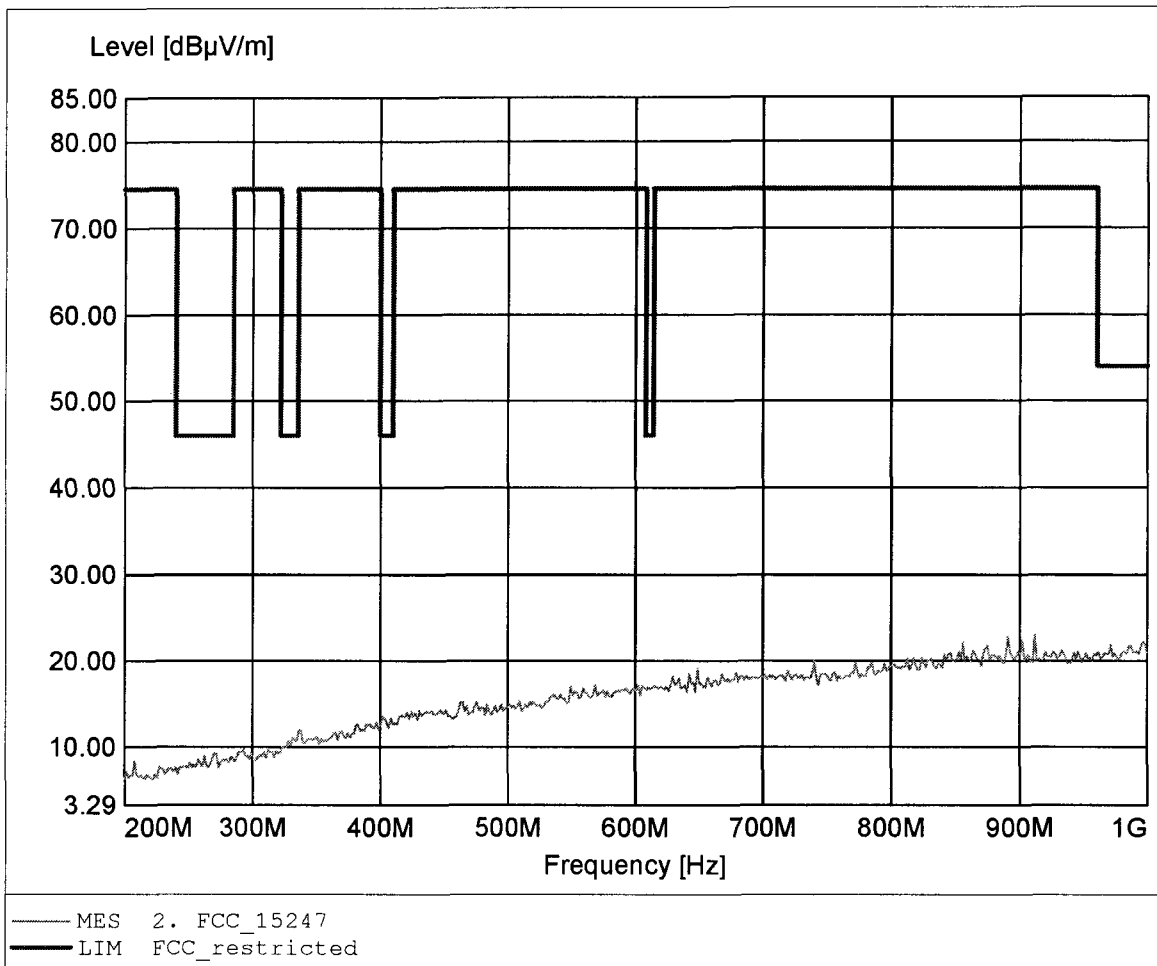
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 197.275MHz, Emax: 31.80dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

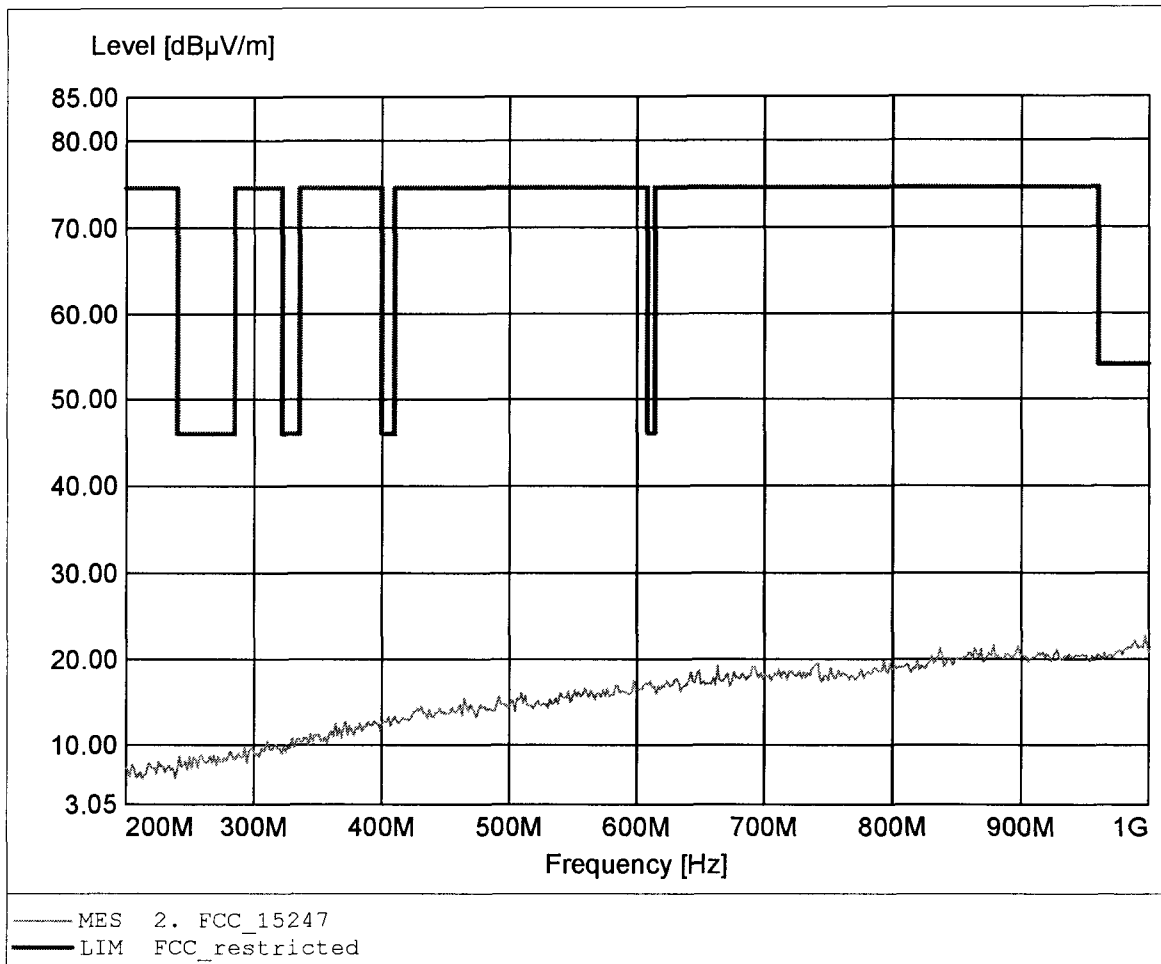
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 911.824MHz, Emax: 23.01dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 996.794MHz, Emax: 22.73dBµV/m, REW: 100kHz

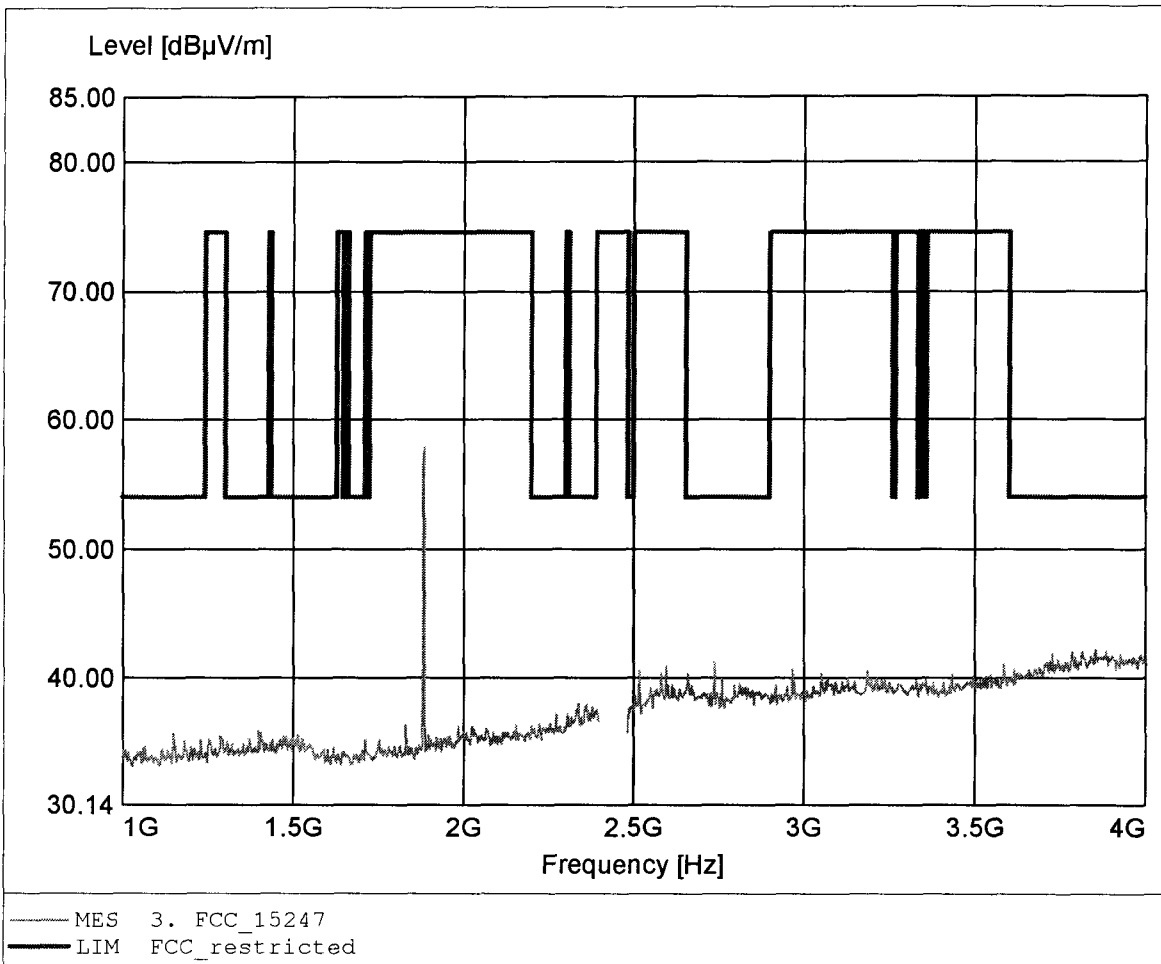




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

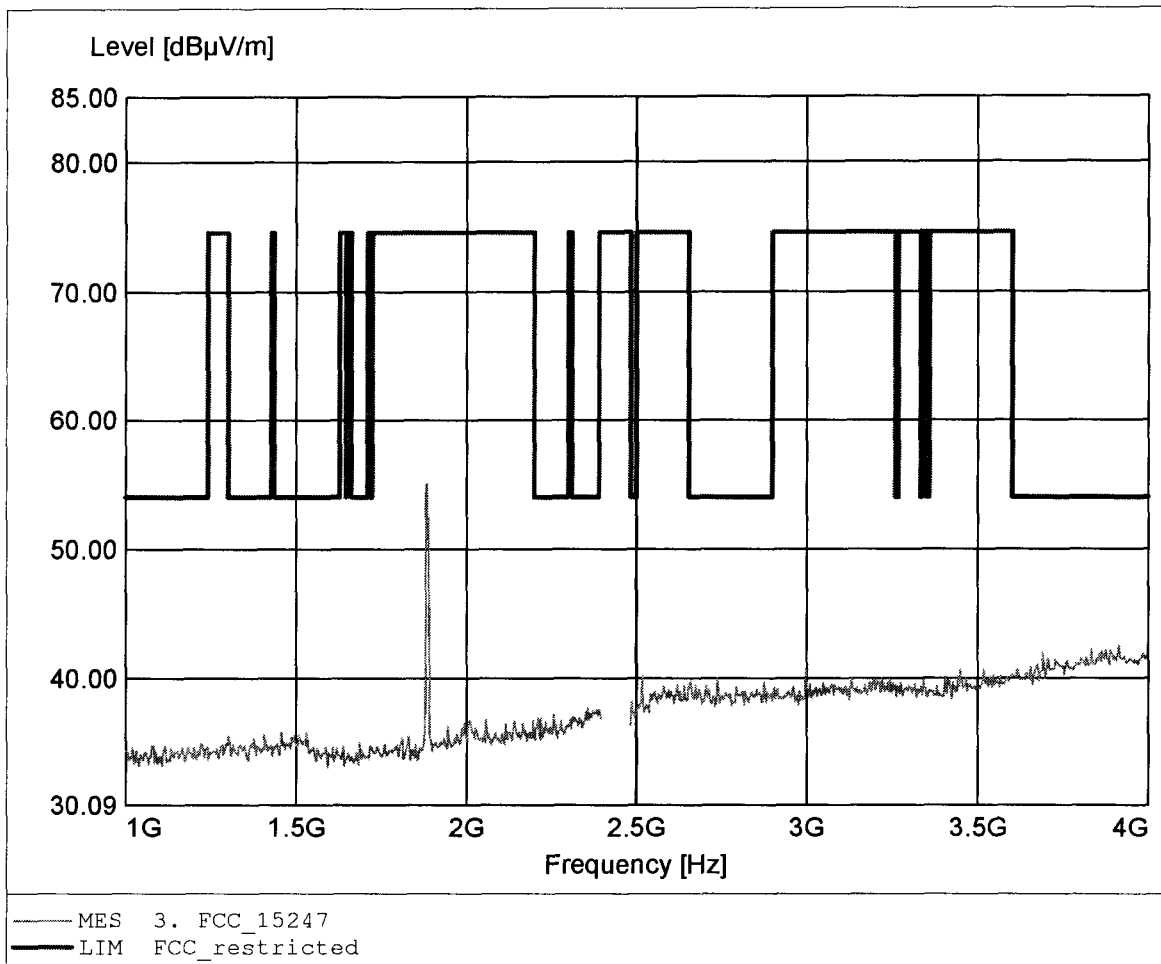
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.884GHz, Emax: 57.83dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

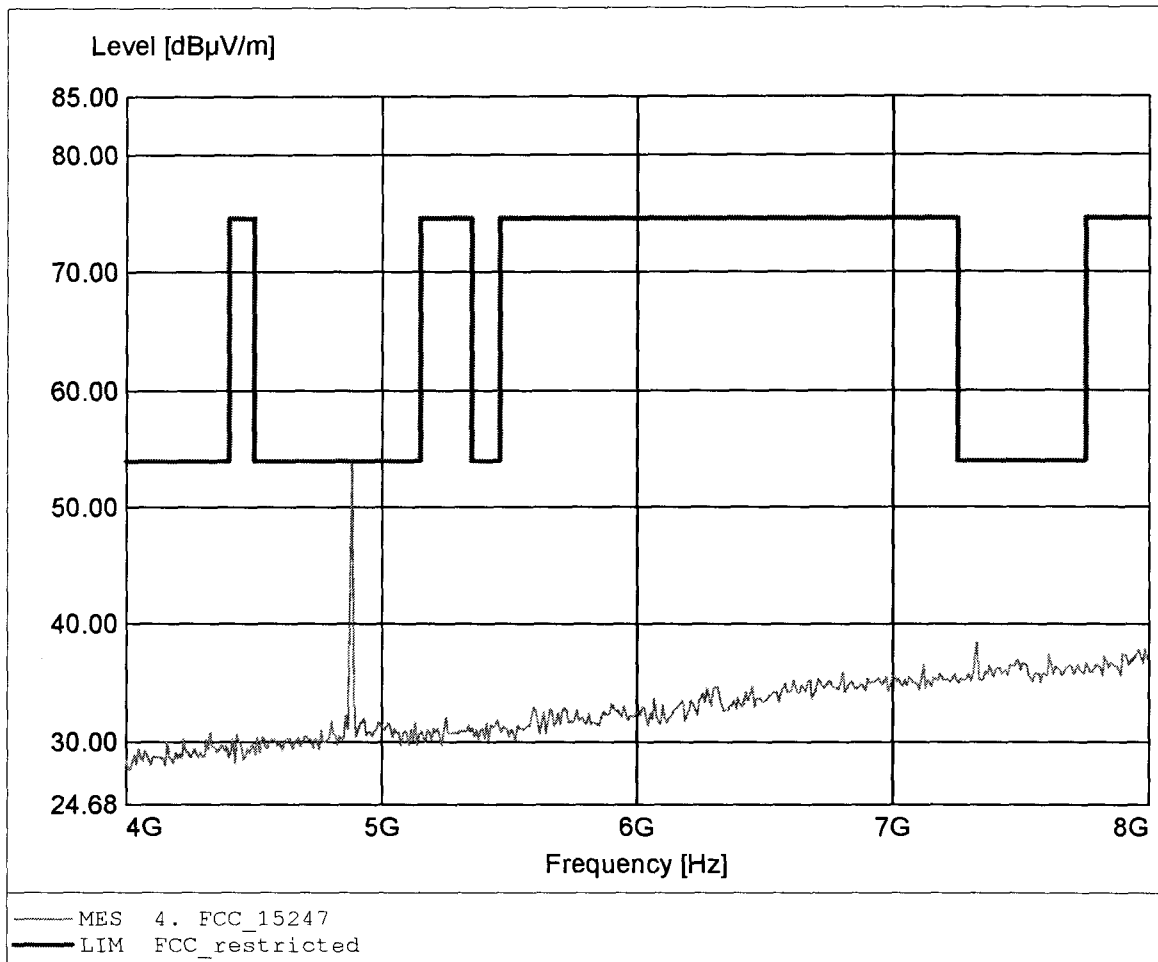
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.884GHz, Emax: 55.05dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

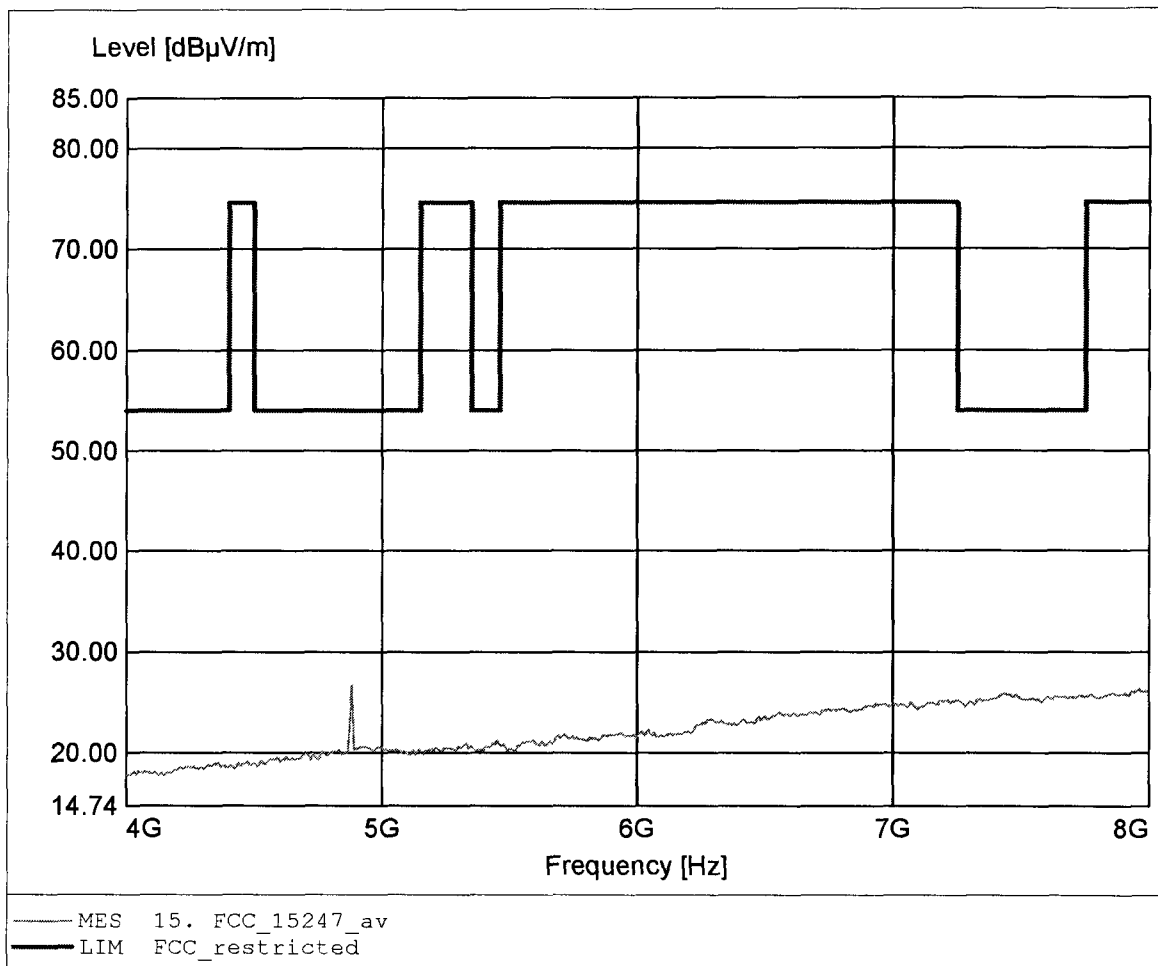
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.882GHz, Emax: 54.15dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

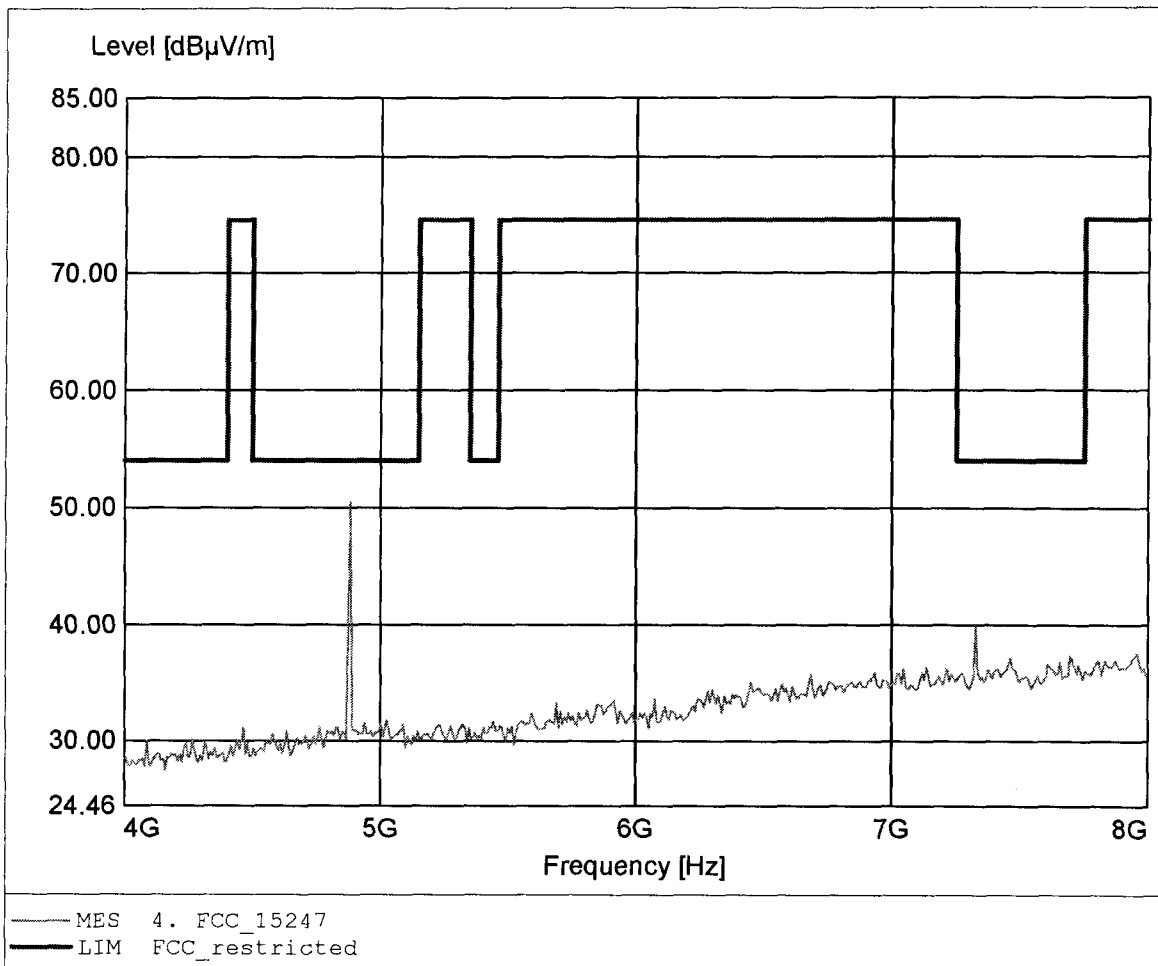
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.882GHz, Emax: 26.71dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

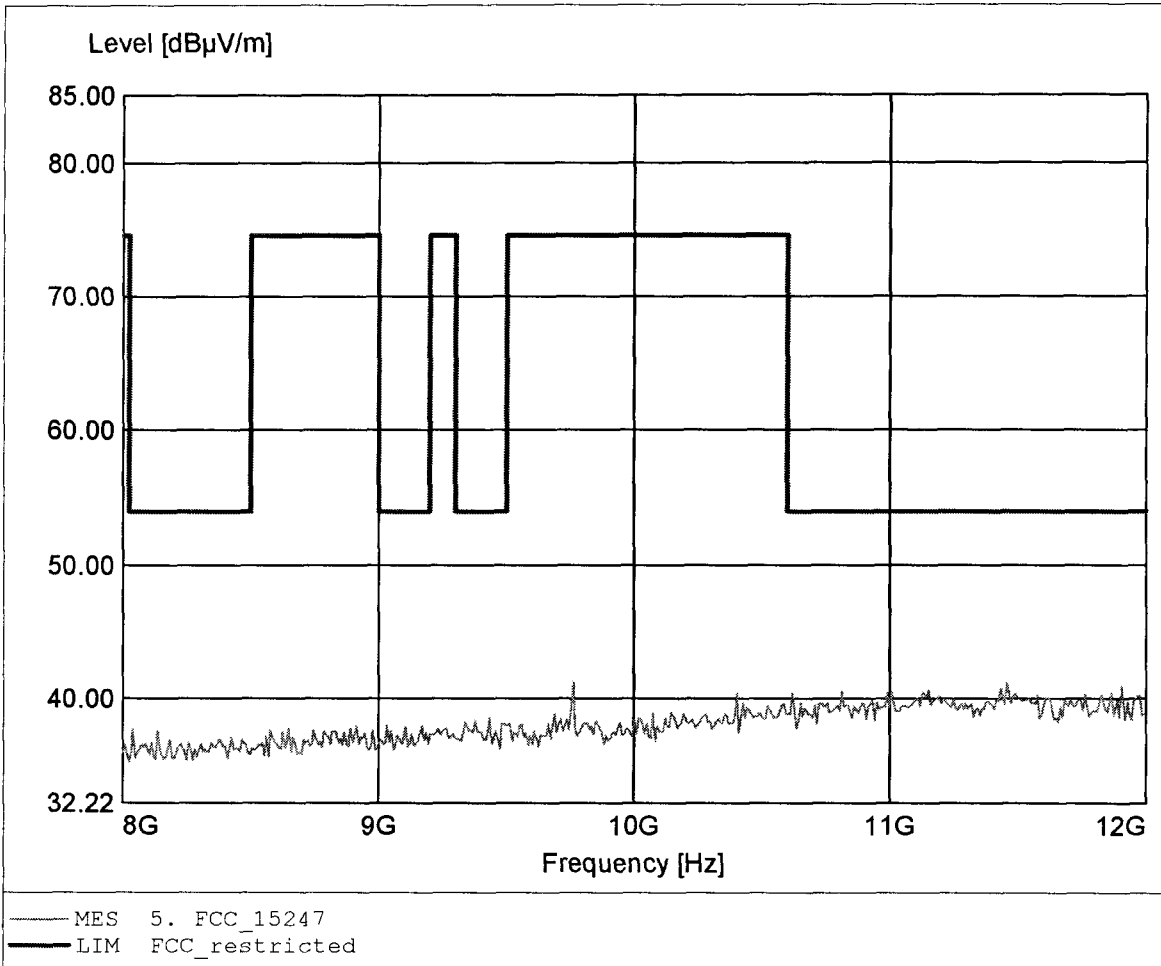
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.882GHz, Emax: 50.52dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

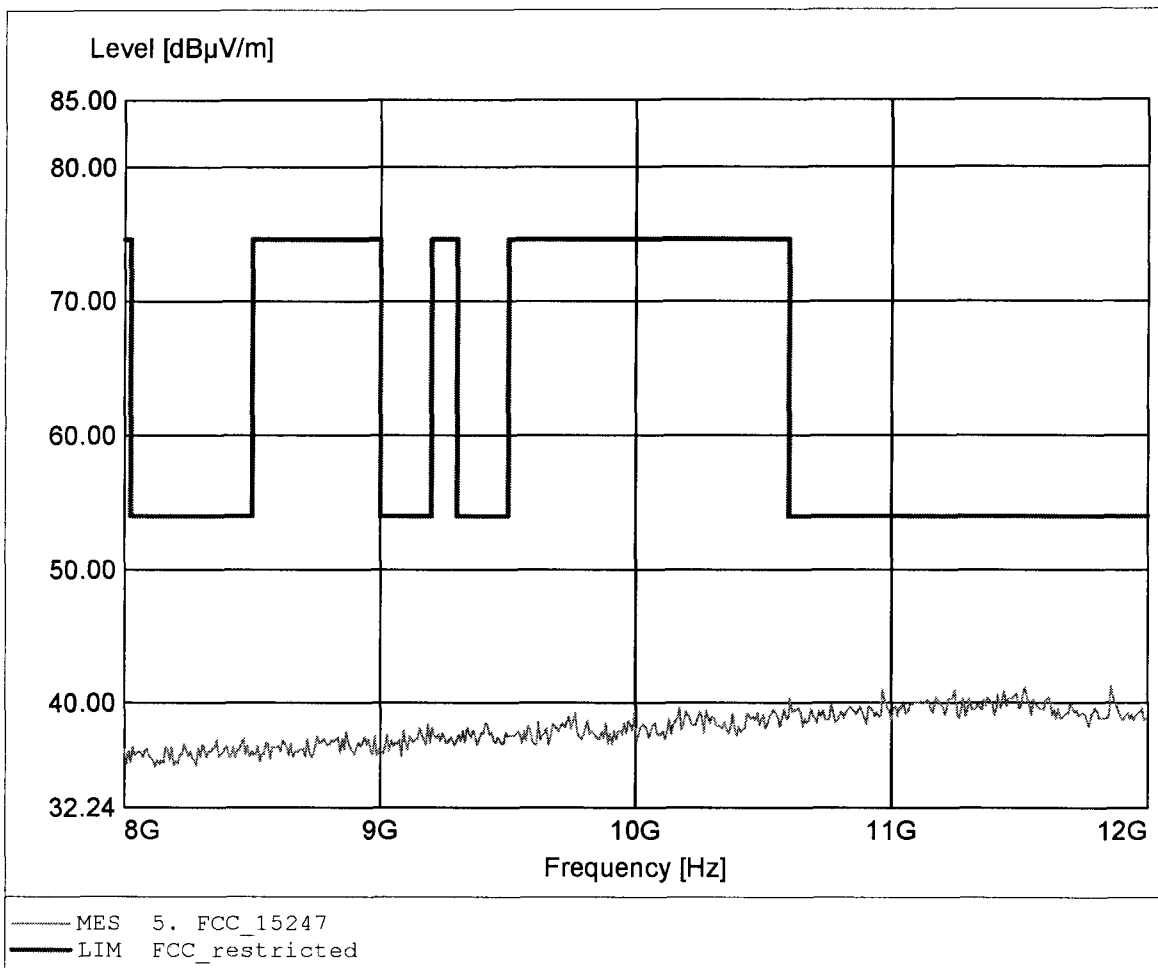
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.764GHz, Emax: 41.24dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

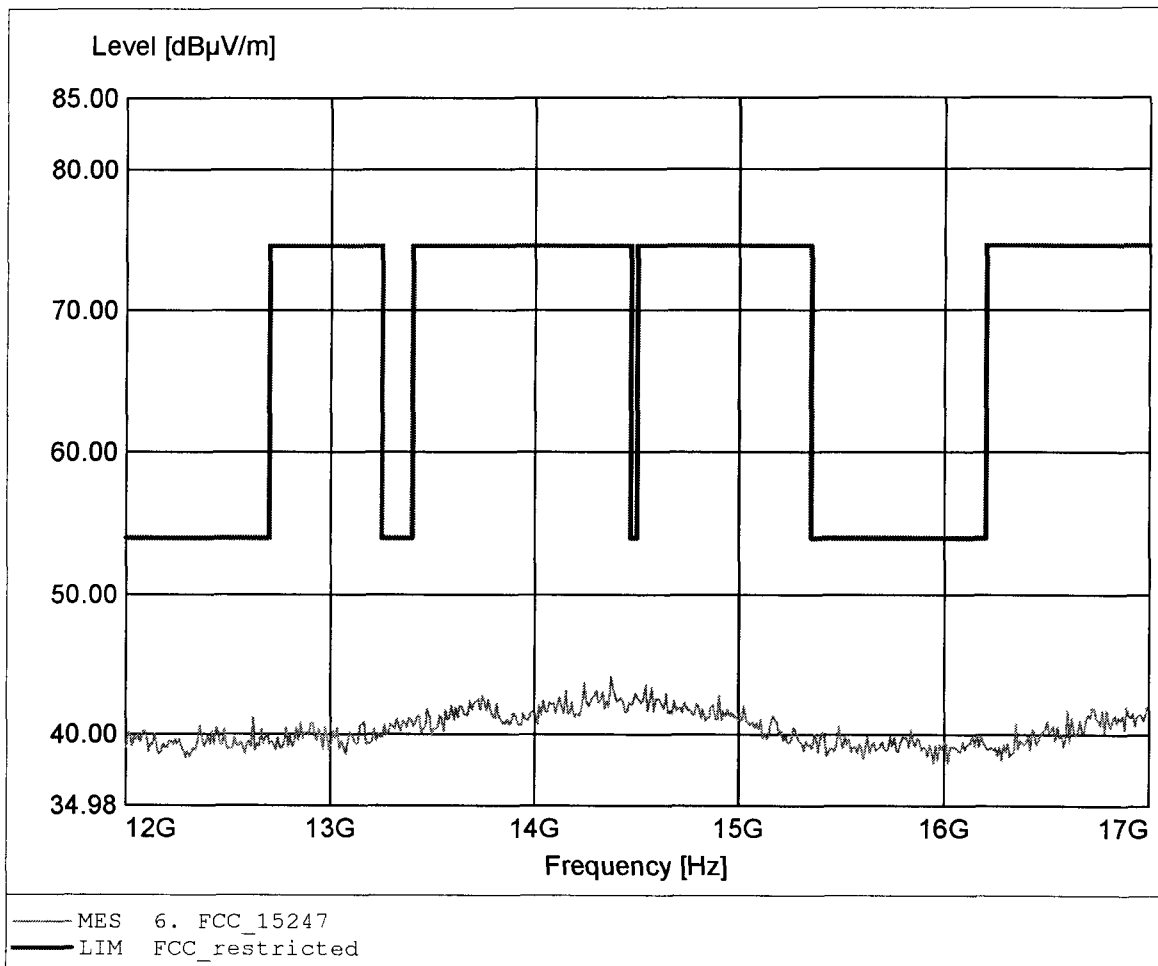
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.856GHz, Emax: 41.27dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.375GHz, Emax: 44.13dBµV/m, REW: 1MHz

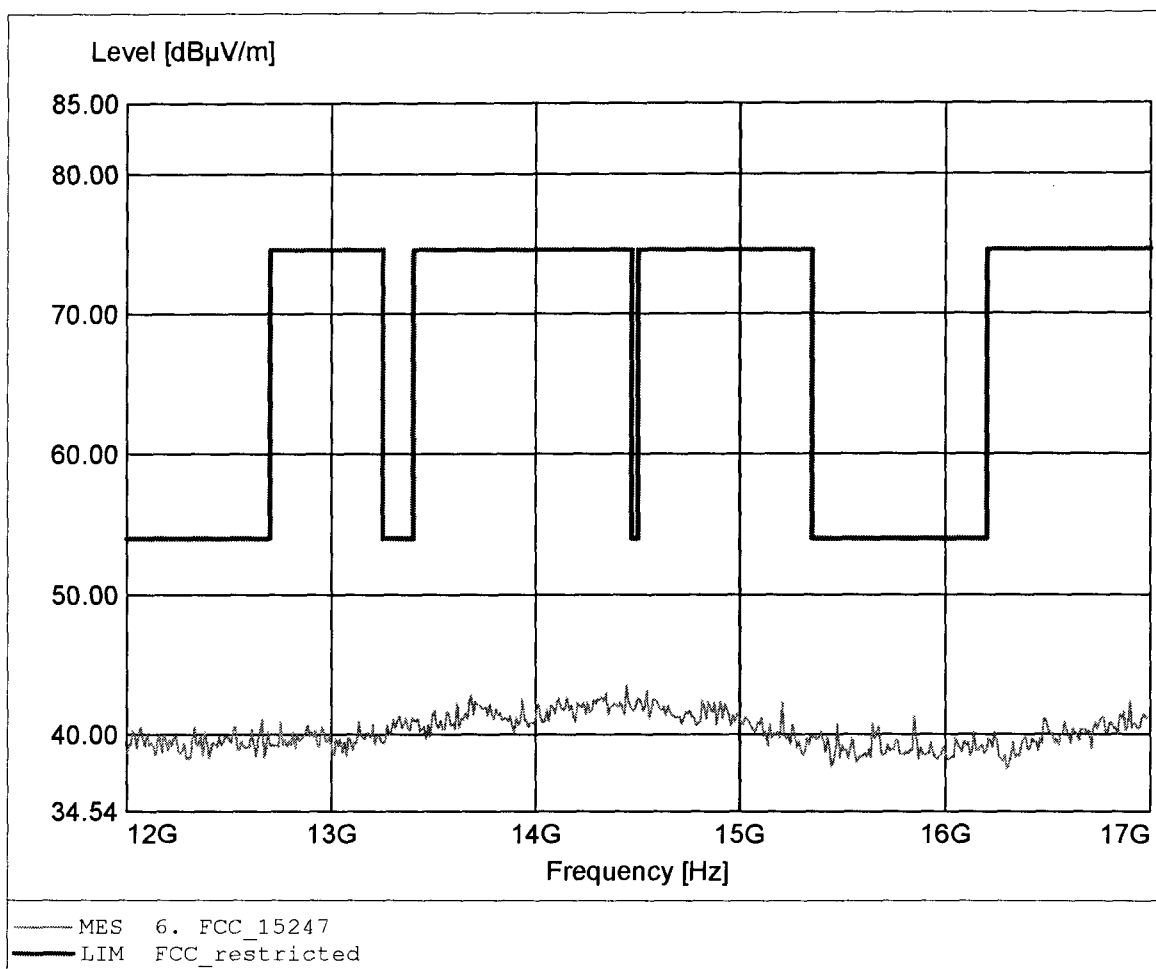




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

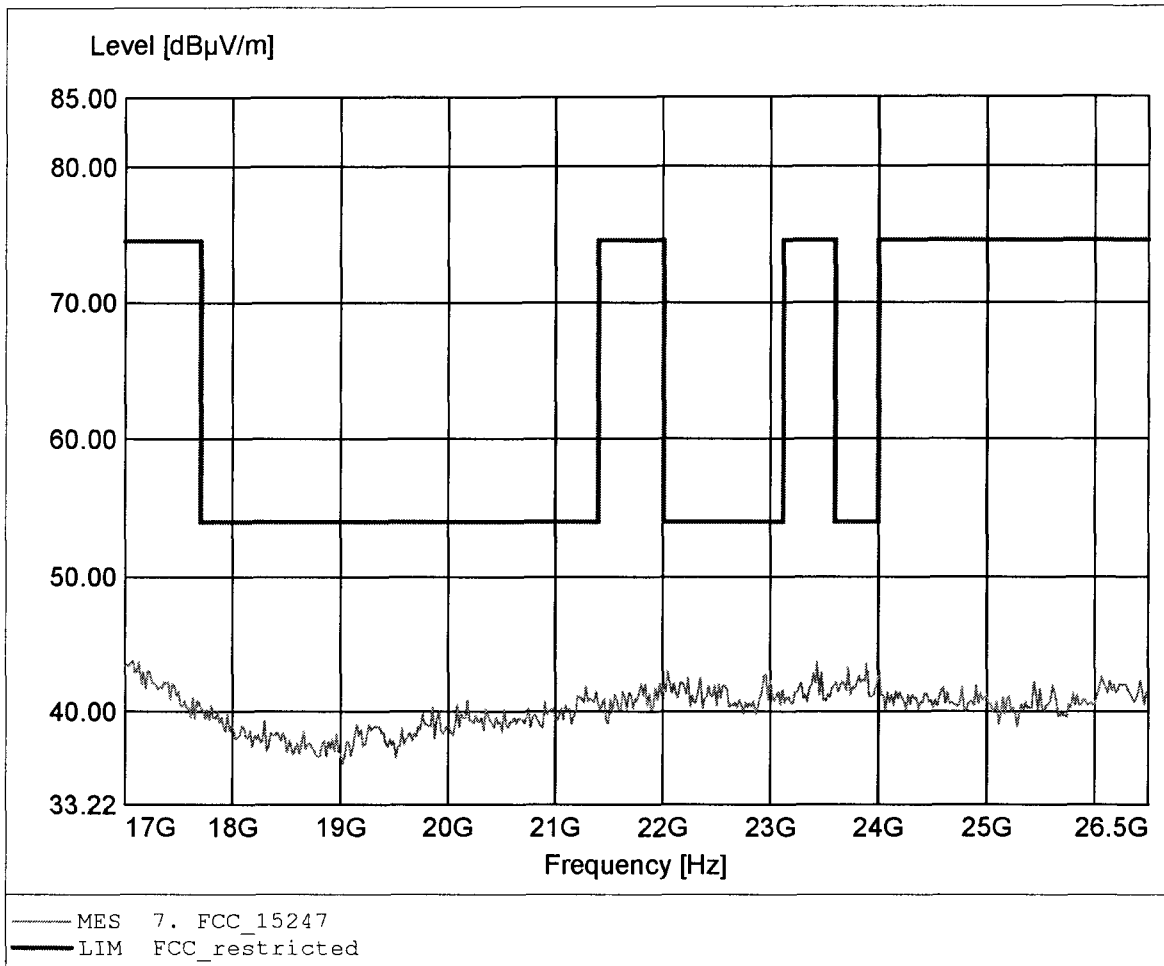
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.445GHz, Emax: 43.55dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

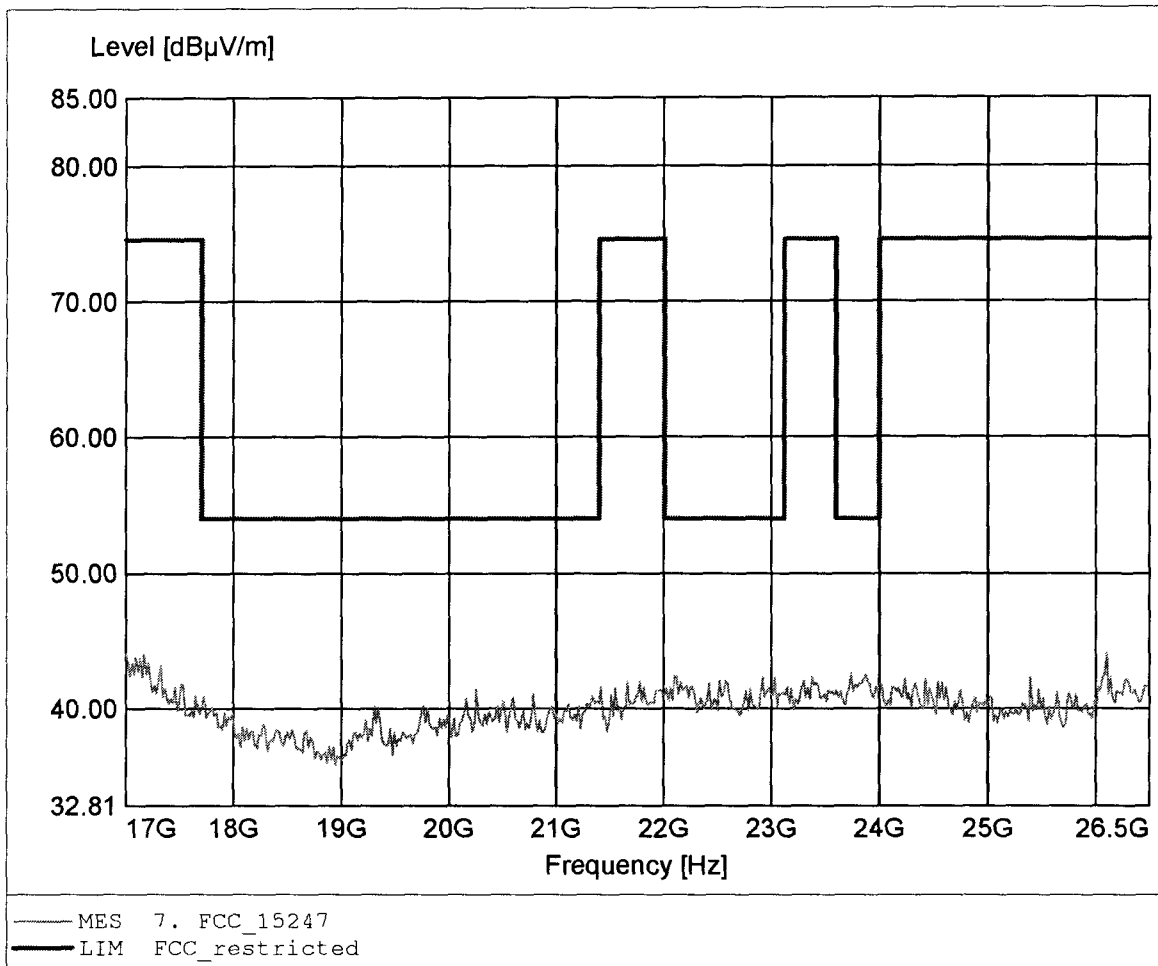
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.076GHz, Emax: 43.78dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

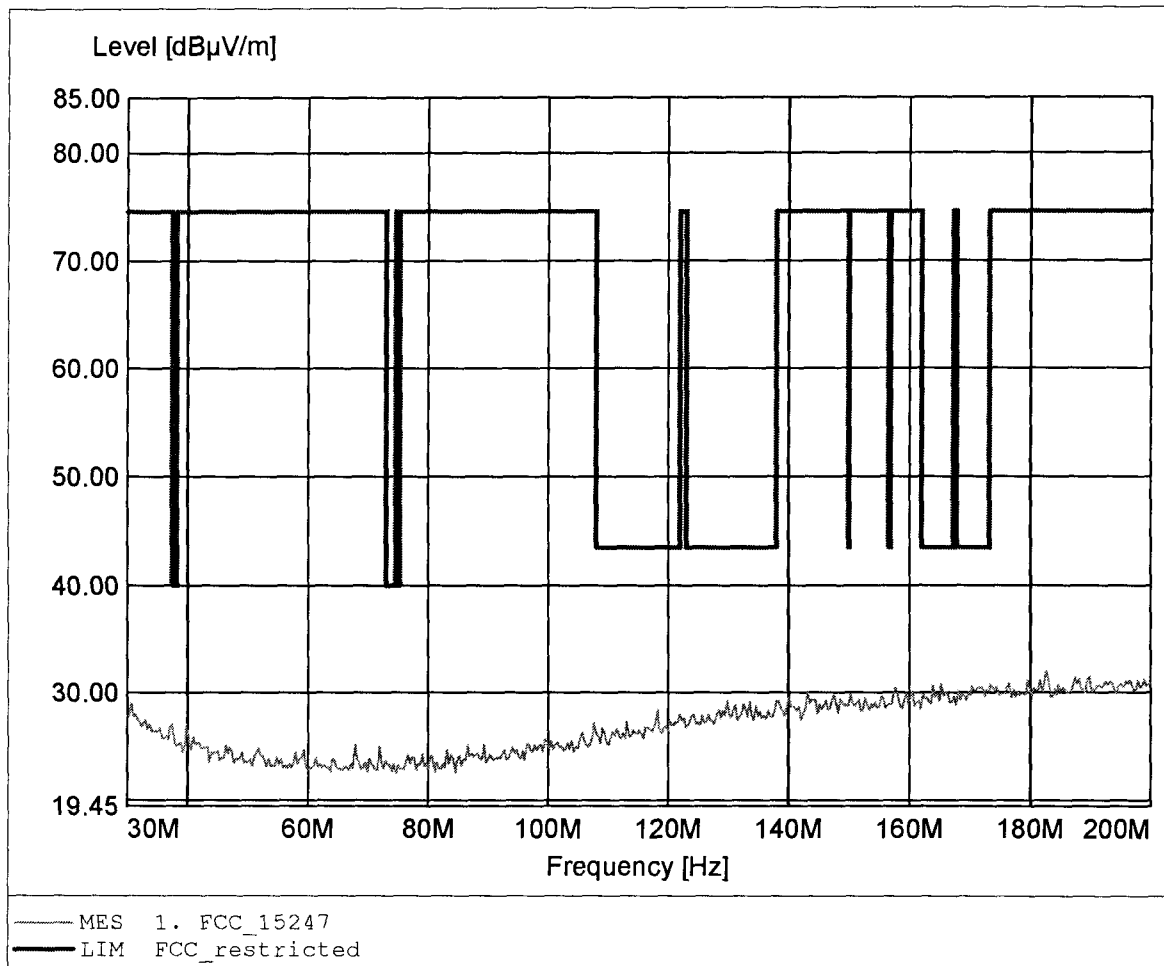
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2441 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.100GHz, Emax: 44.13dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

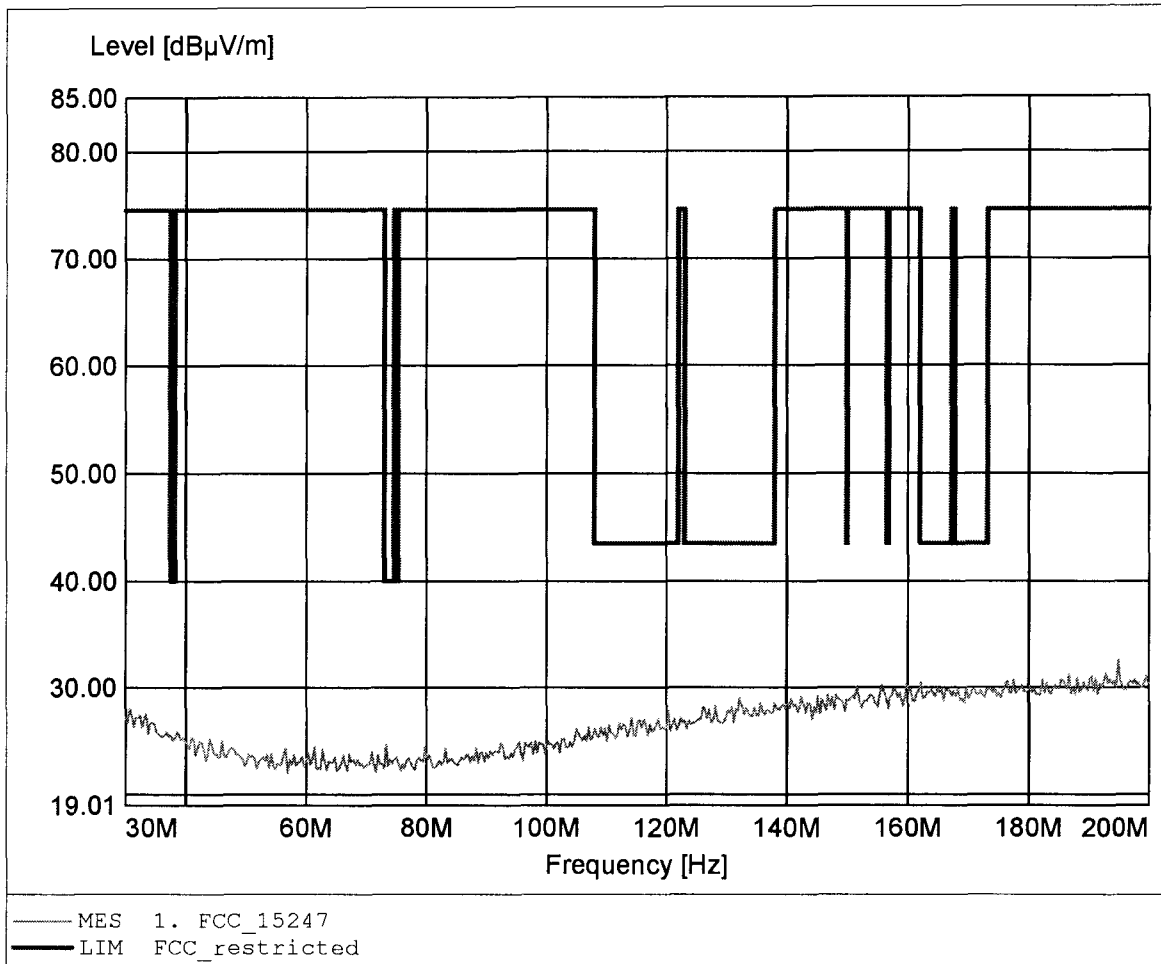
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 182.625MHz, Emax: 32.02dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

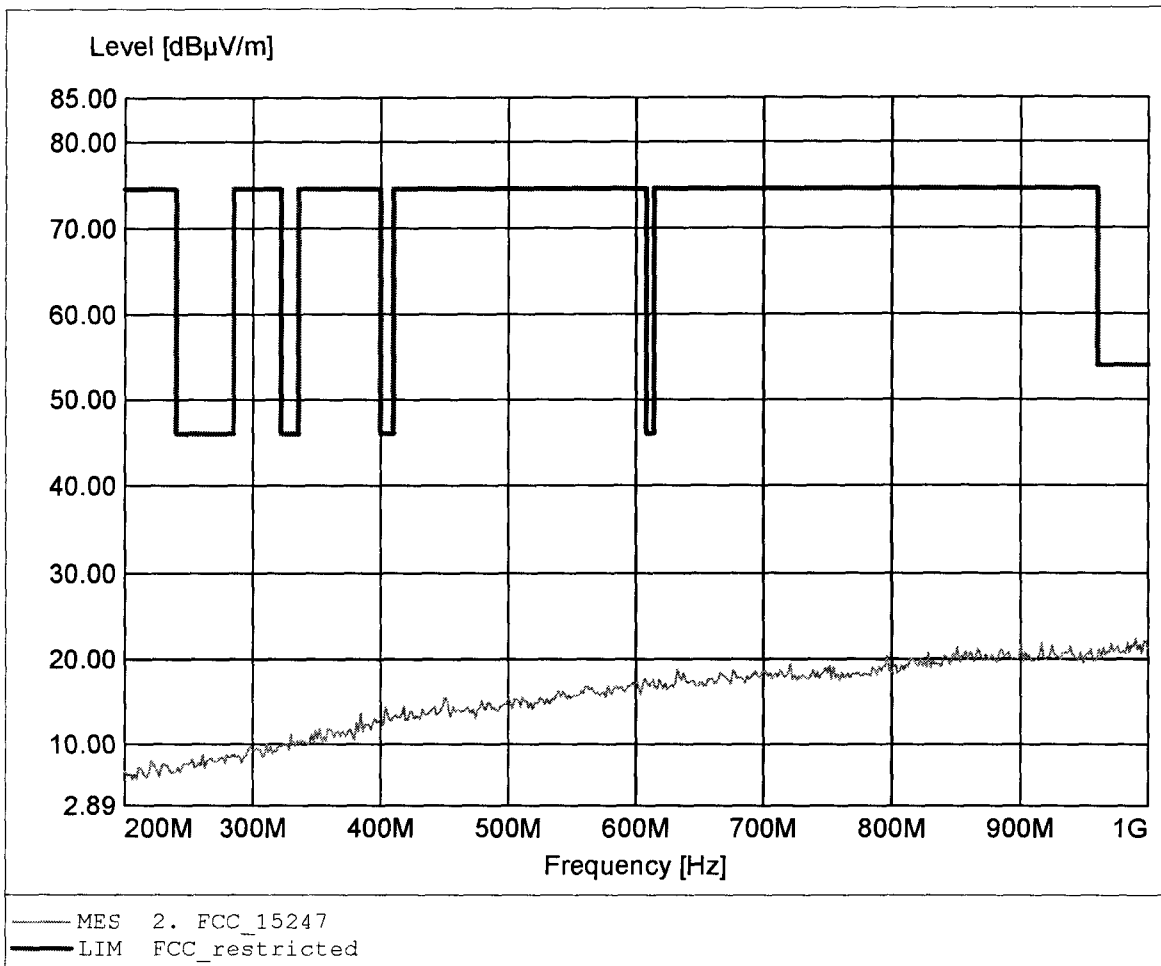
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 194.890MHz, Emax: 32.58dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

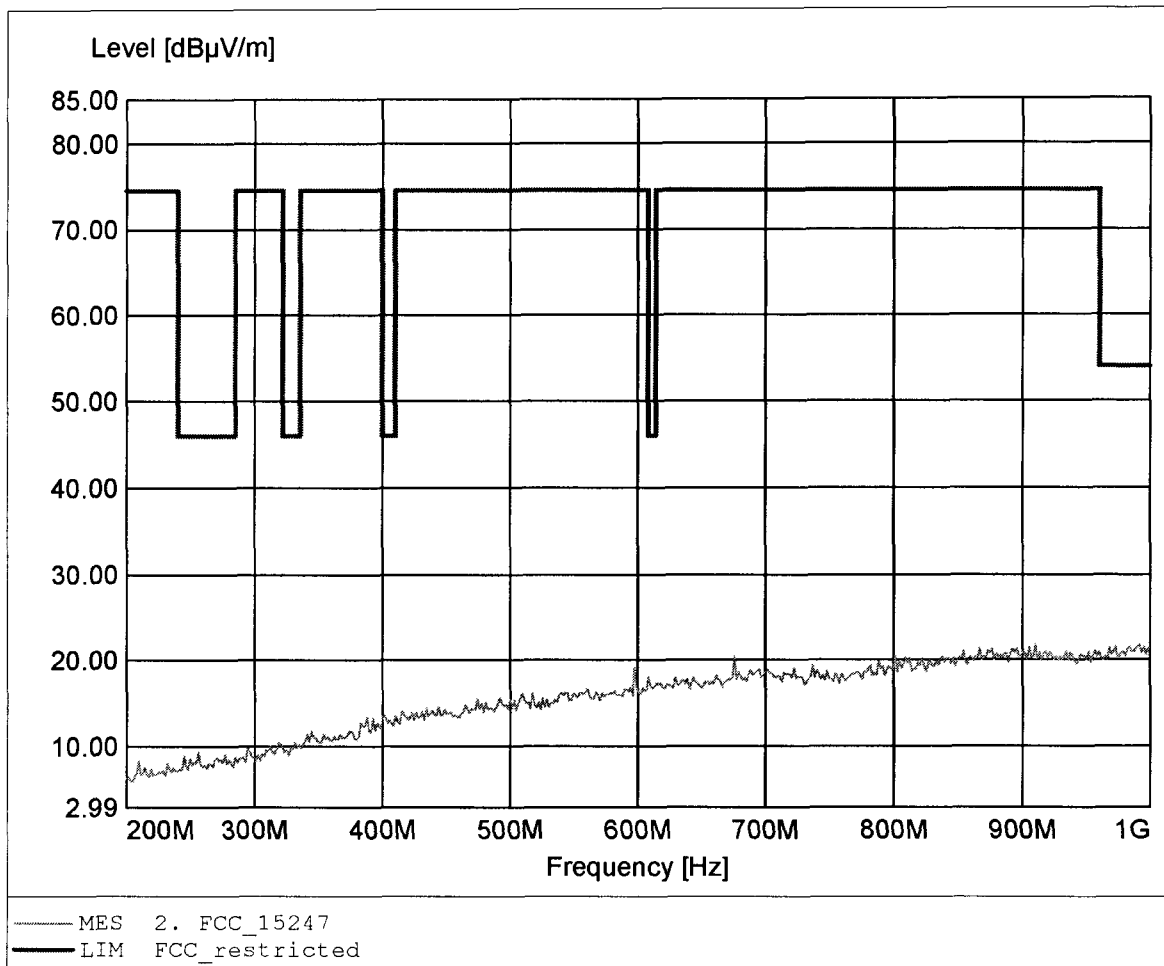
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 990.381MHz, Emax: 22.38dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

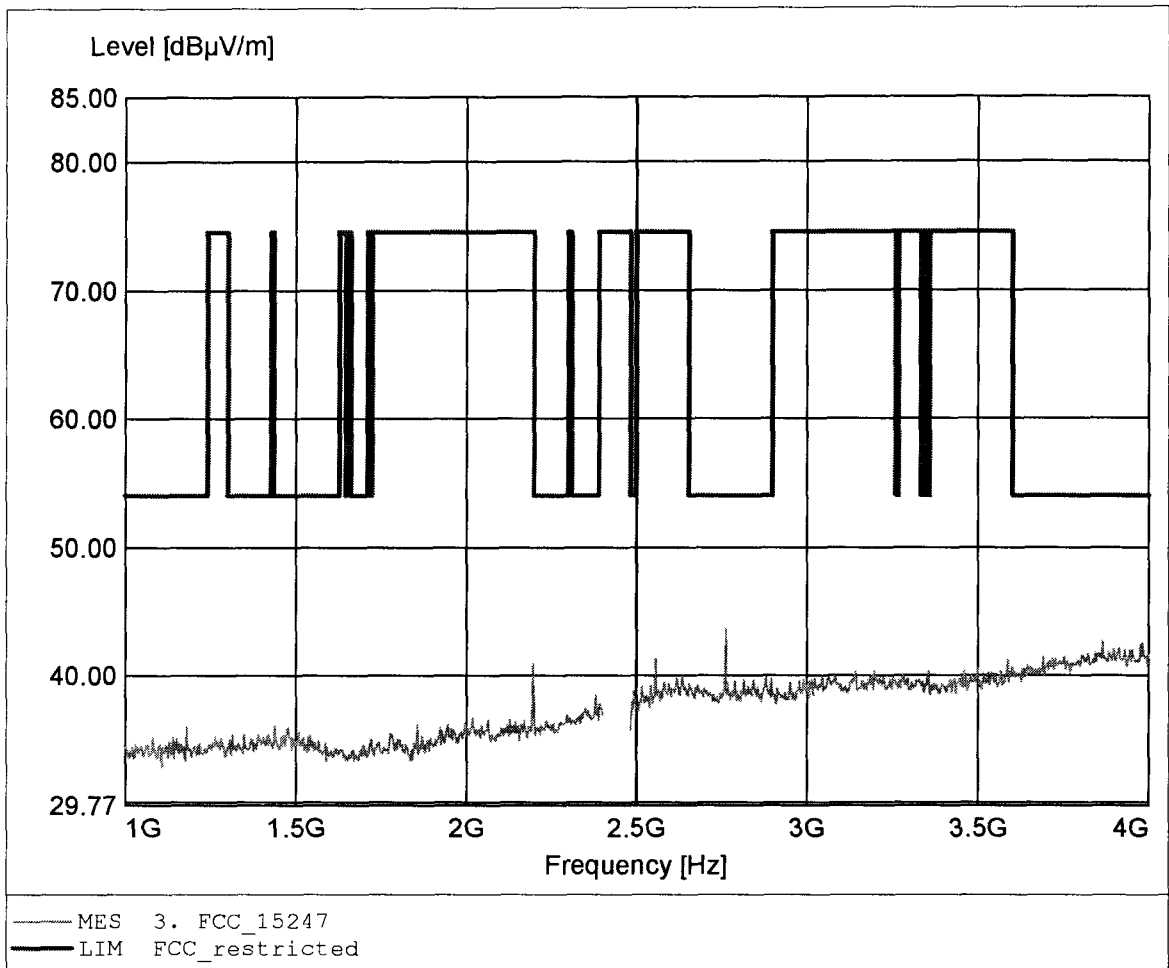
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 910.220MHz, Emax: 21.81dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.763GHz, Emax: 43.71dBµV/m, RBW: 1MHz

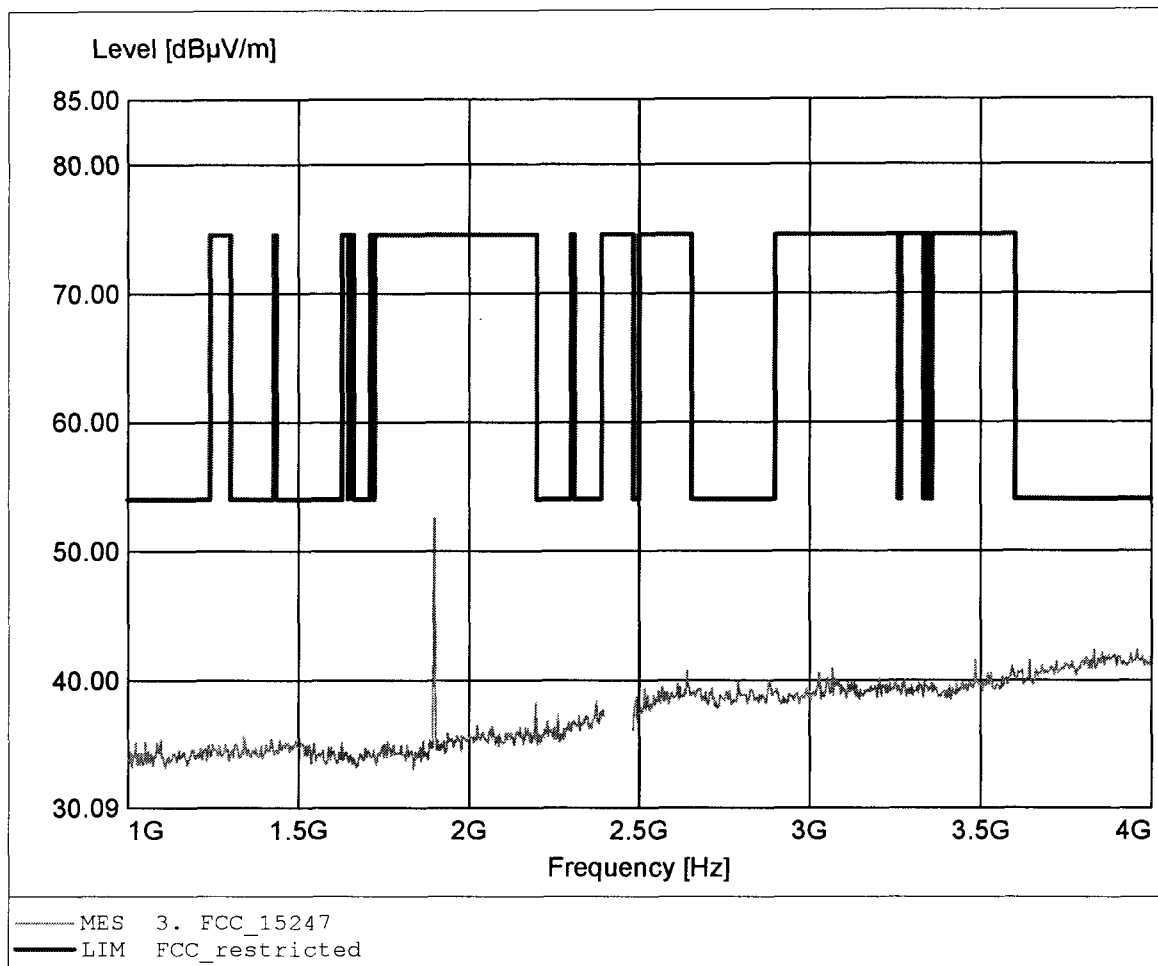




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

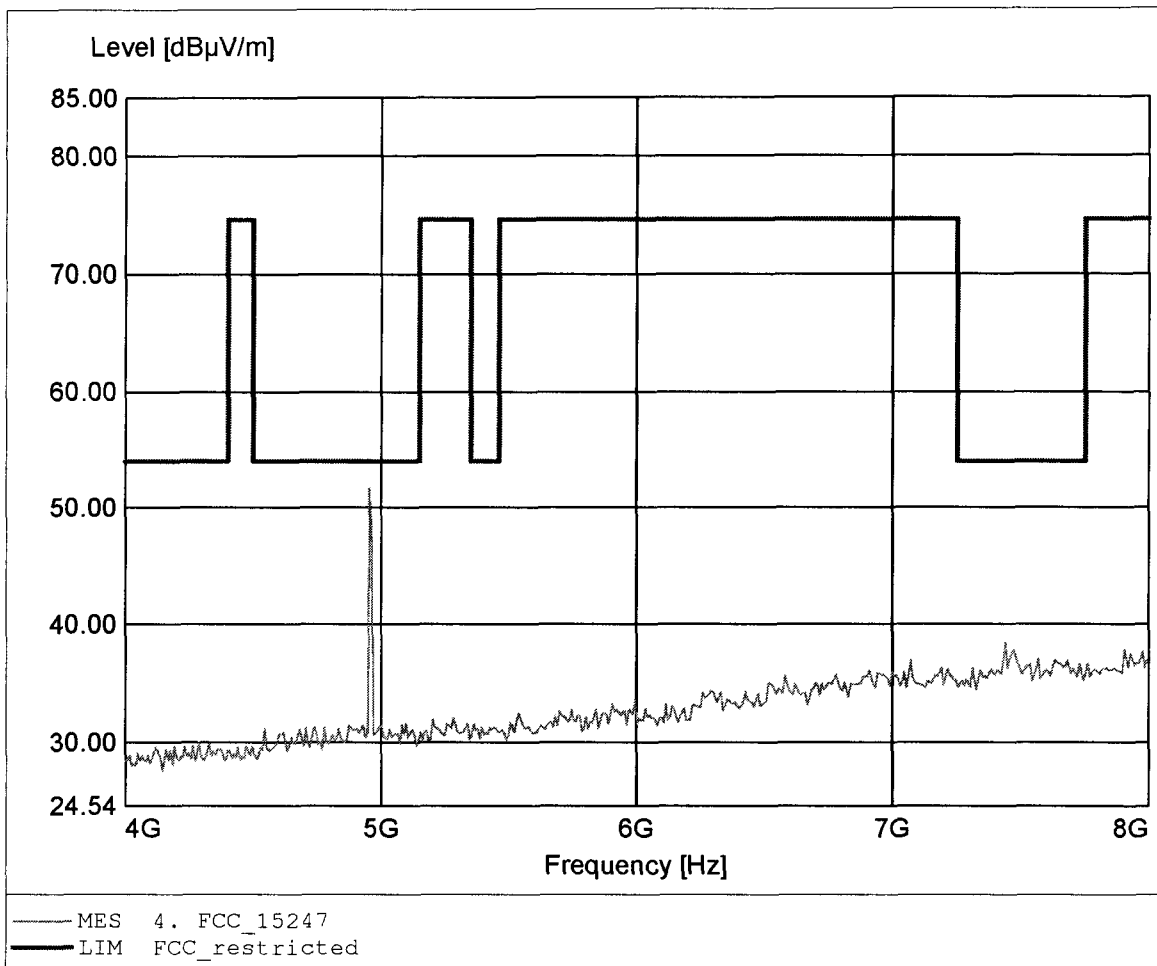
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.898GHz, Emax: 52.53dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

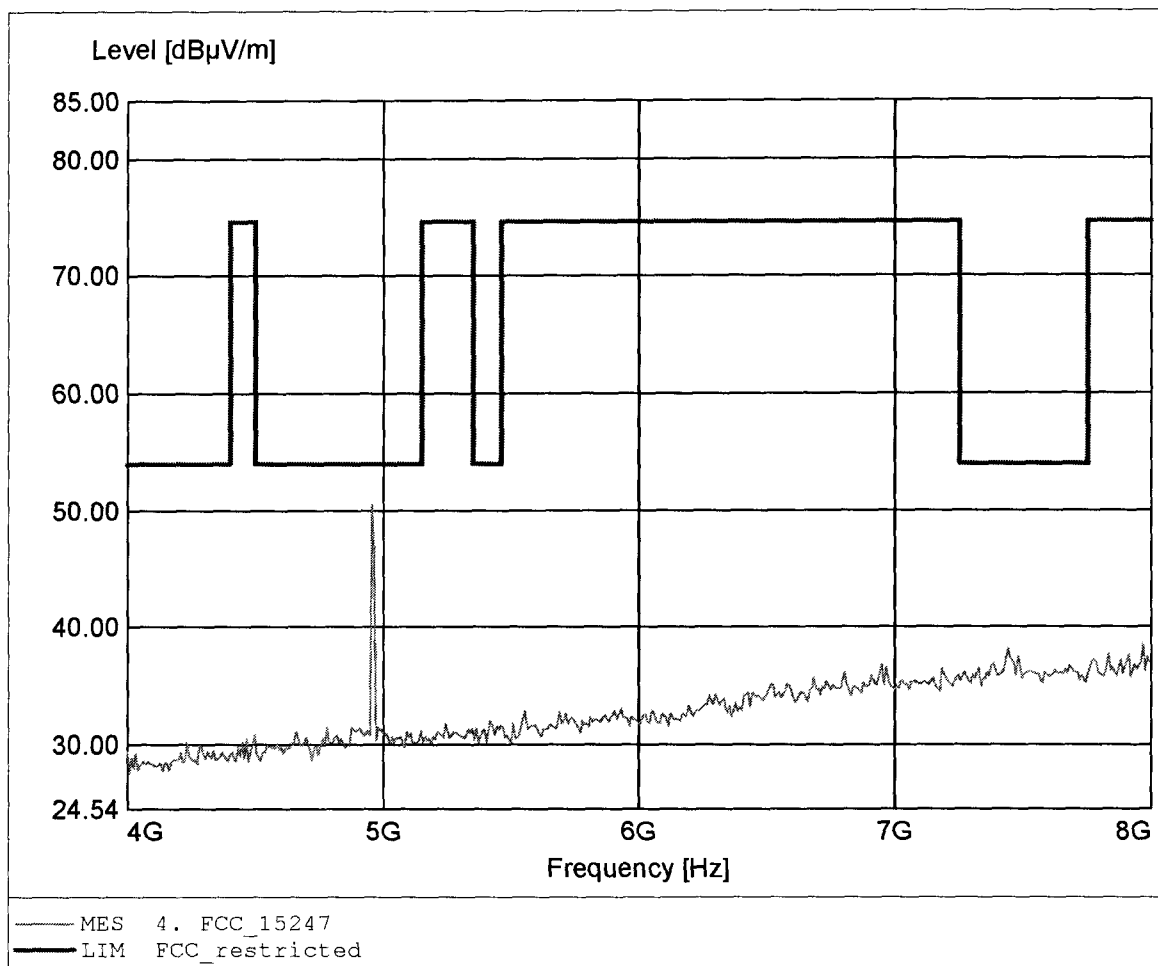
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.954GHz, Emax: 51.63dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

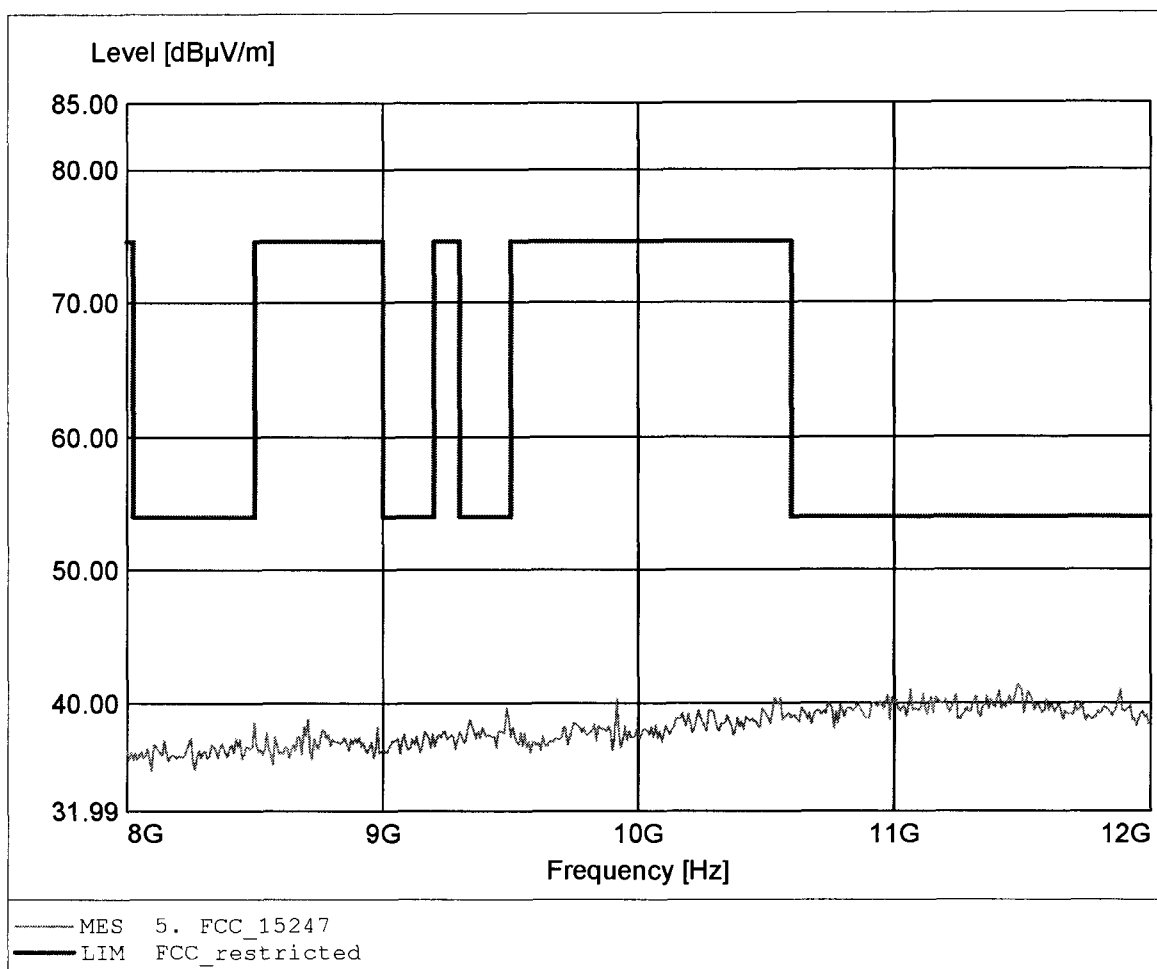
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.954GHz, Emax: 50.49dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

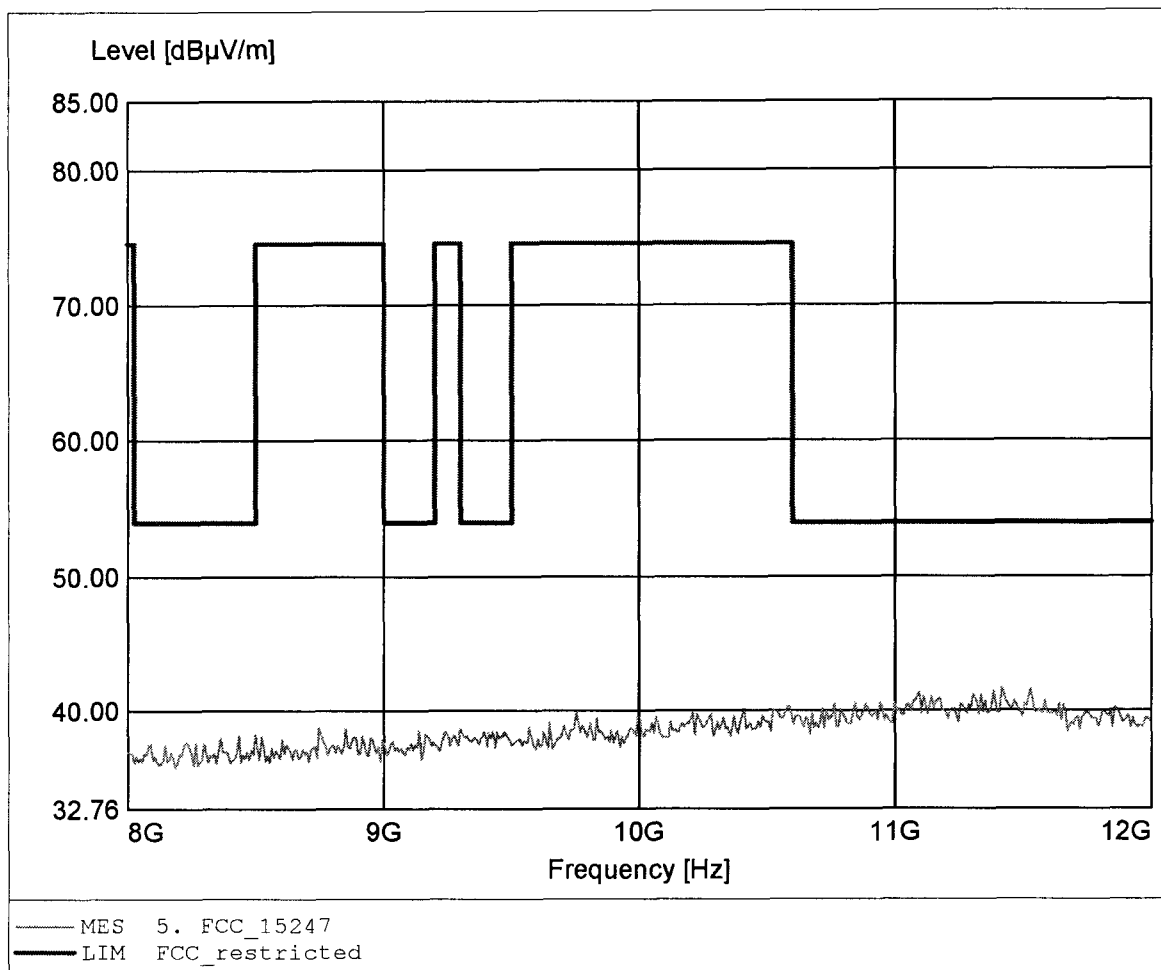
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.479GHz, Emax: 41.37dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

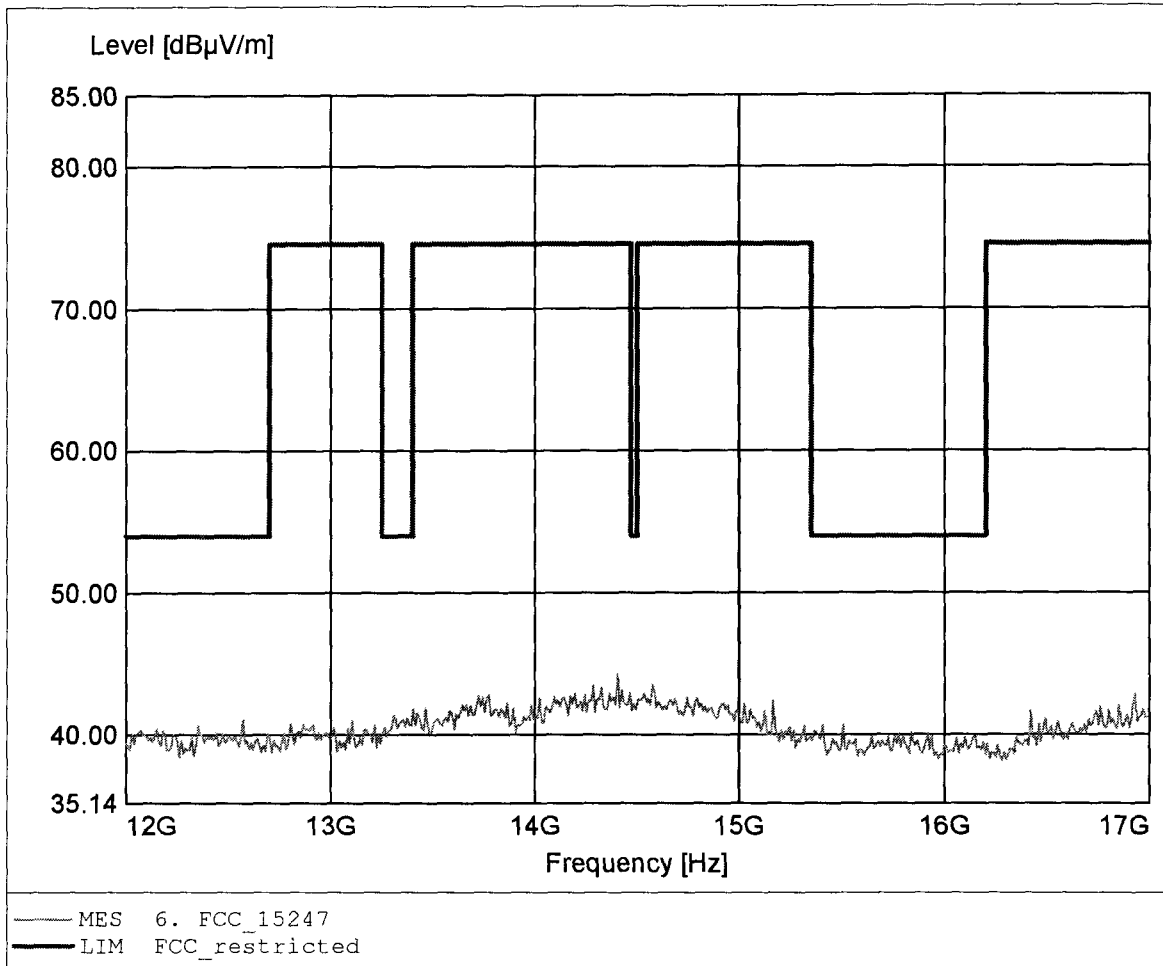
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.415GHz, Emax: 41.67dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

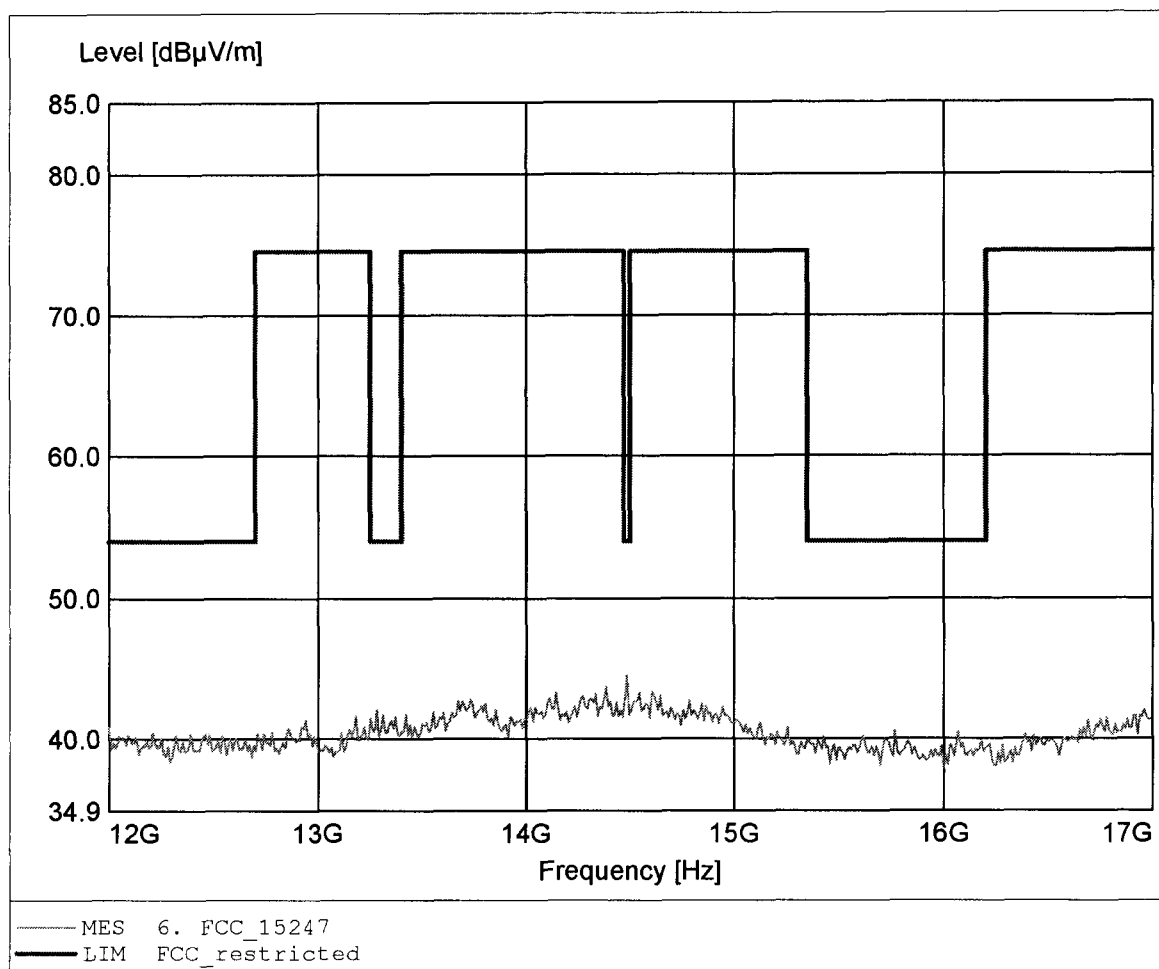
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.405GHz, Emax: 44.33dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

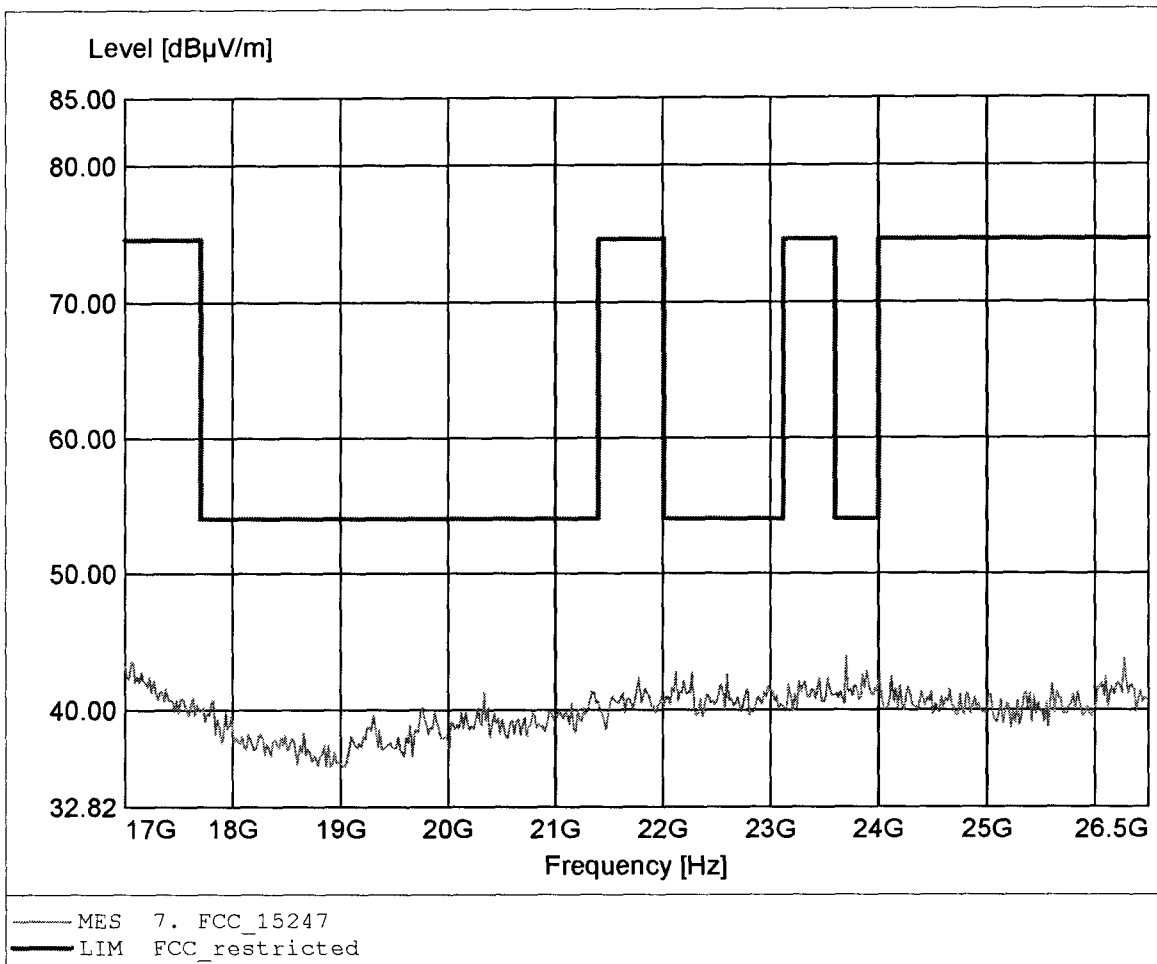
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.485GHz, Emax: 44.55dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 23.701GHz, Emax: 43.91dBµV/m, RBW: 1MHz

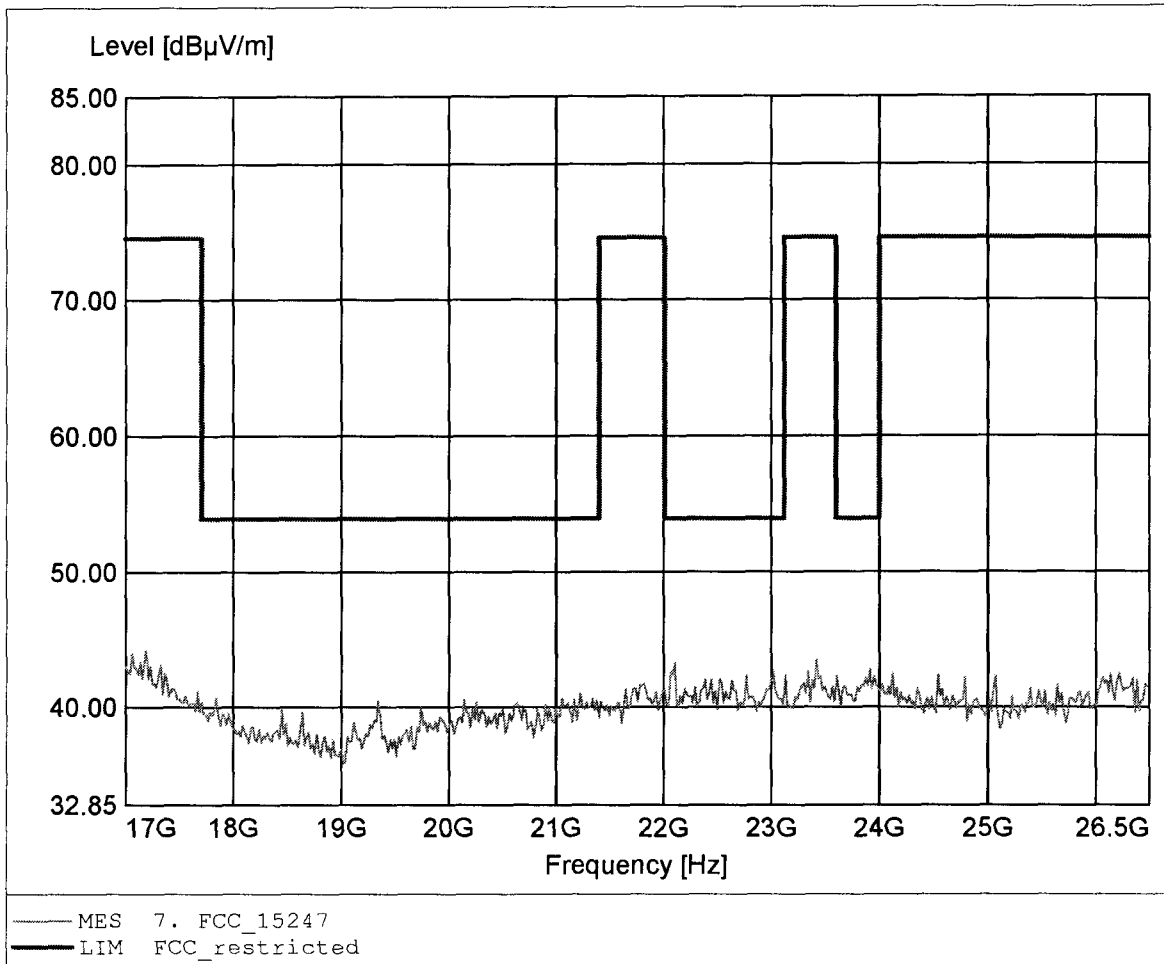




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / 2480 MHz  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.190GHz, Emax: 44.16dB $\mu$ V/m, RBW: 1MHz





## Appendix J

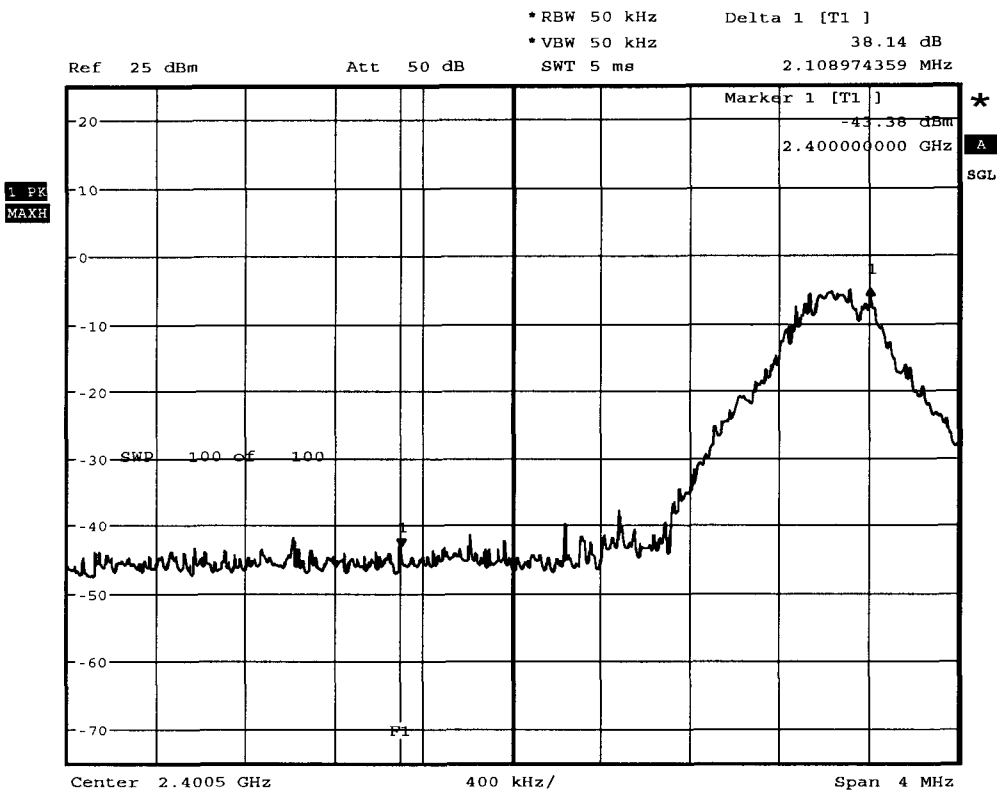
Band-edge compliance



FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Single frequency mode



Date: 11.MAY.2006 07:18:00

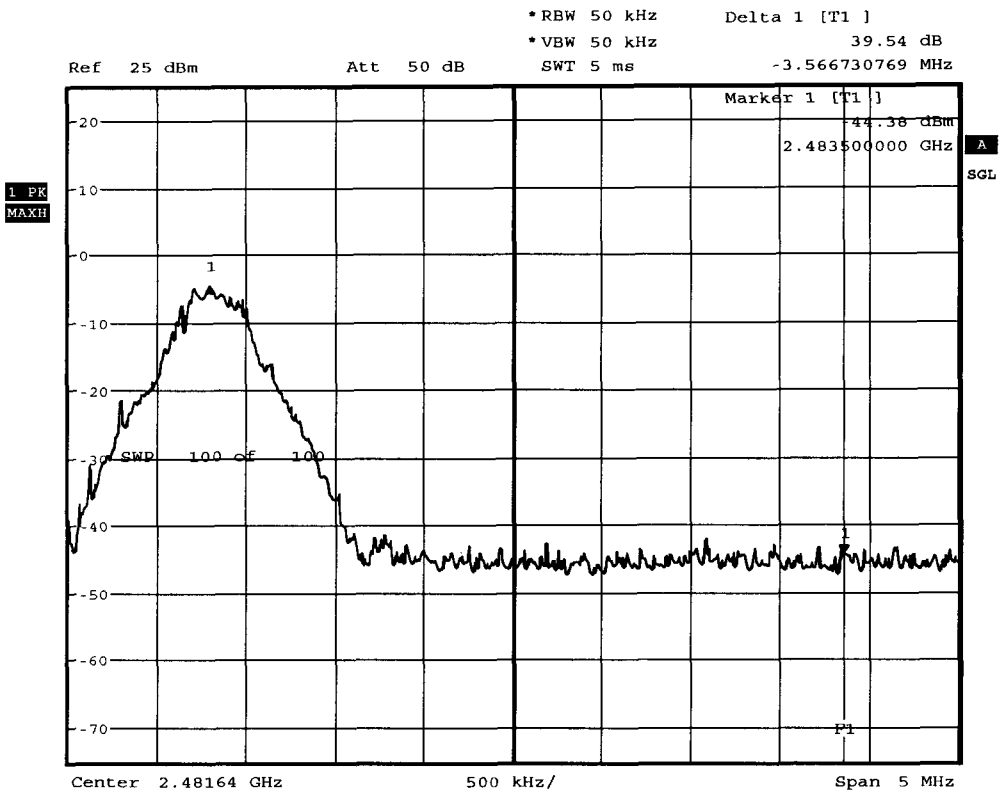
Measurement diagram



**FCC part 15.247**

**Band-edge compliance of RF conducted emissions**

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Hopping mode



Date: 11.MAY.2006 07:25:24

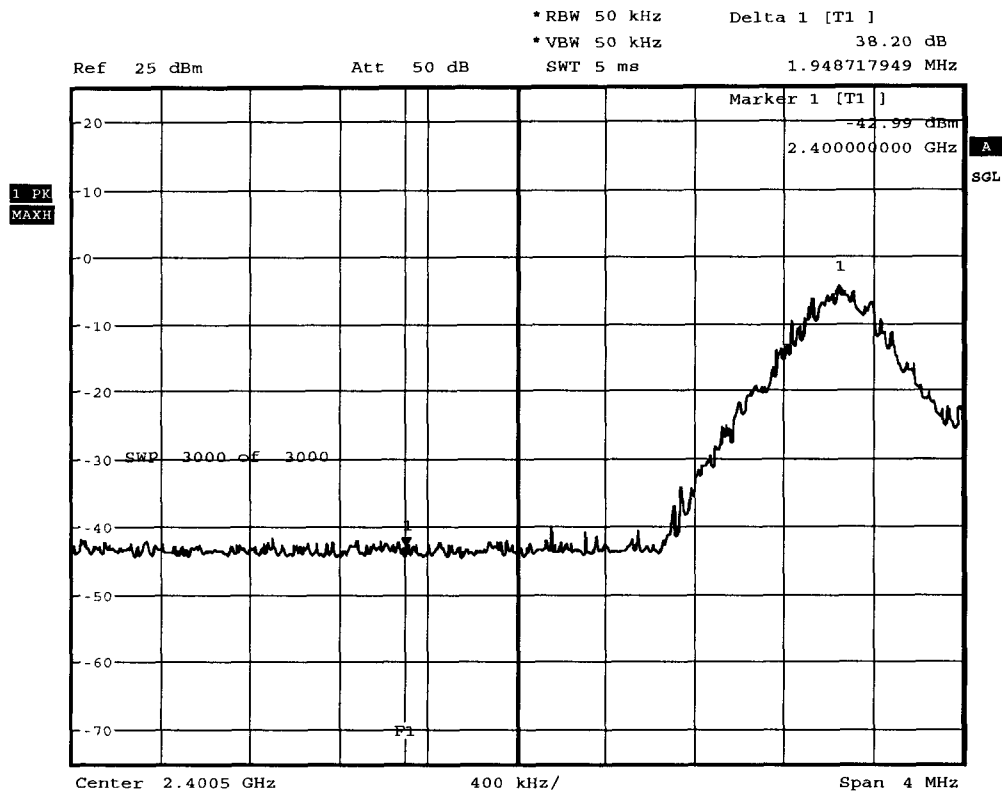
Measurement diagram



FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Hopping mode



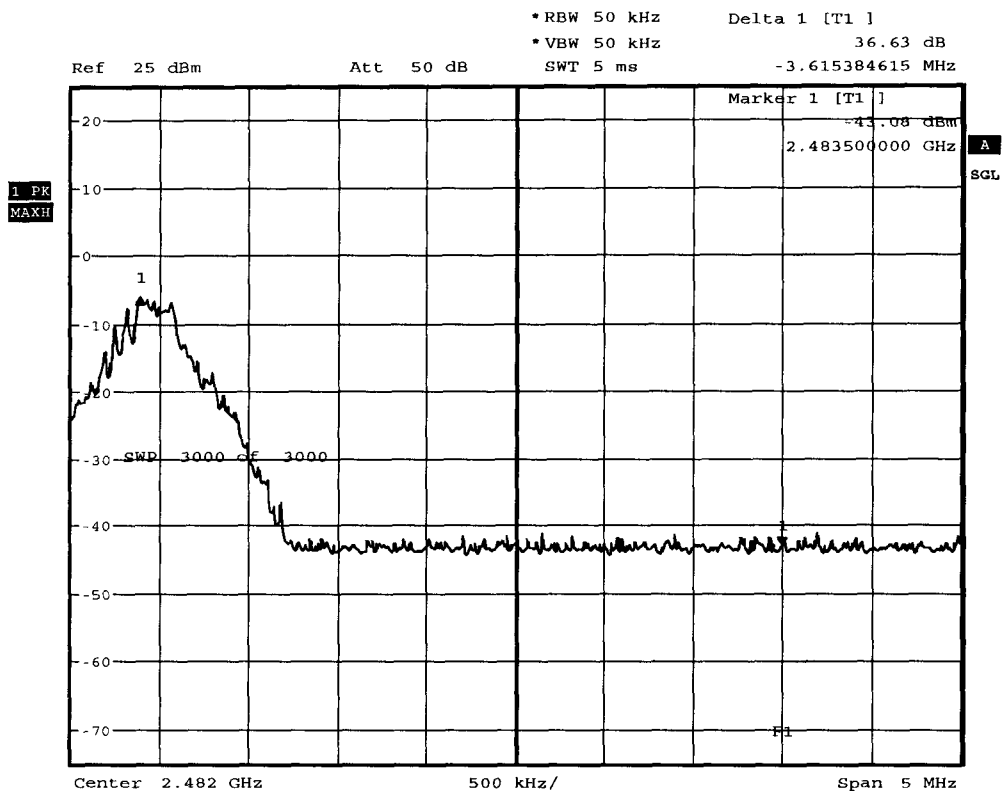
Date: 11.MAY.2006 07:15:12

Measurement diagram



**FCC part 15.247**  
**Band-edge compliance of RF conducted emissions**

EUT	Laser Distance Meter with Bluetooth
Model	Leica DISTO A6
Approval Holder	Leica Geosystems AG
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Hopping mode



Date: 11.MAY.2006 07:23:51

Measurement diagram



## Appendix K

AC power line conducted emissions

## Appendix L

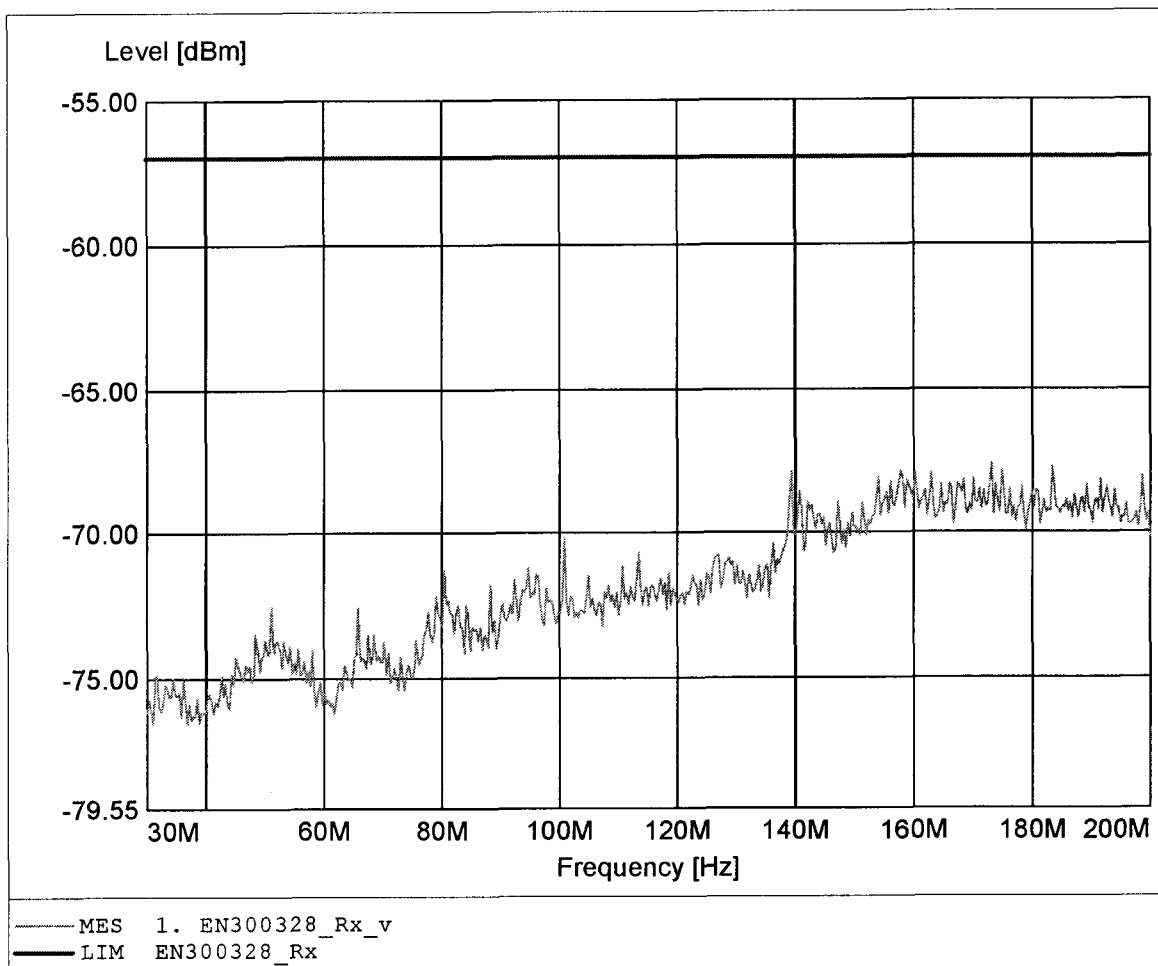
Receiver radiated emissions



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

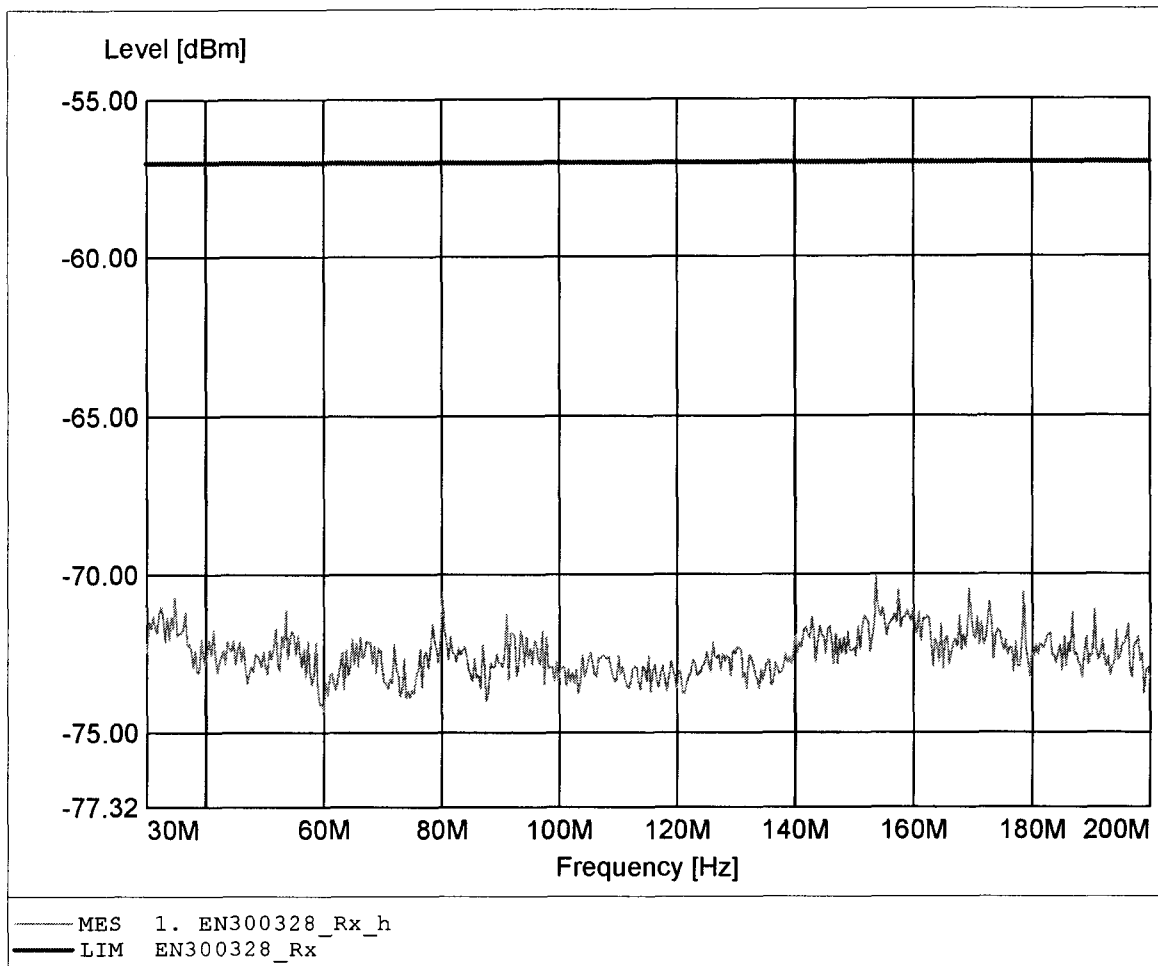
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 3m, Ant.: HK 116, ampl.: None  
Comment 2: Freq:173.086MHz Pmax:-67.62dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

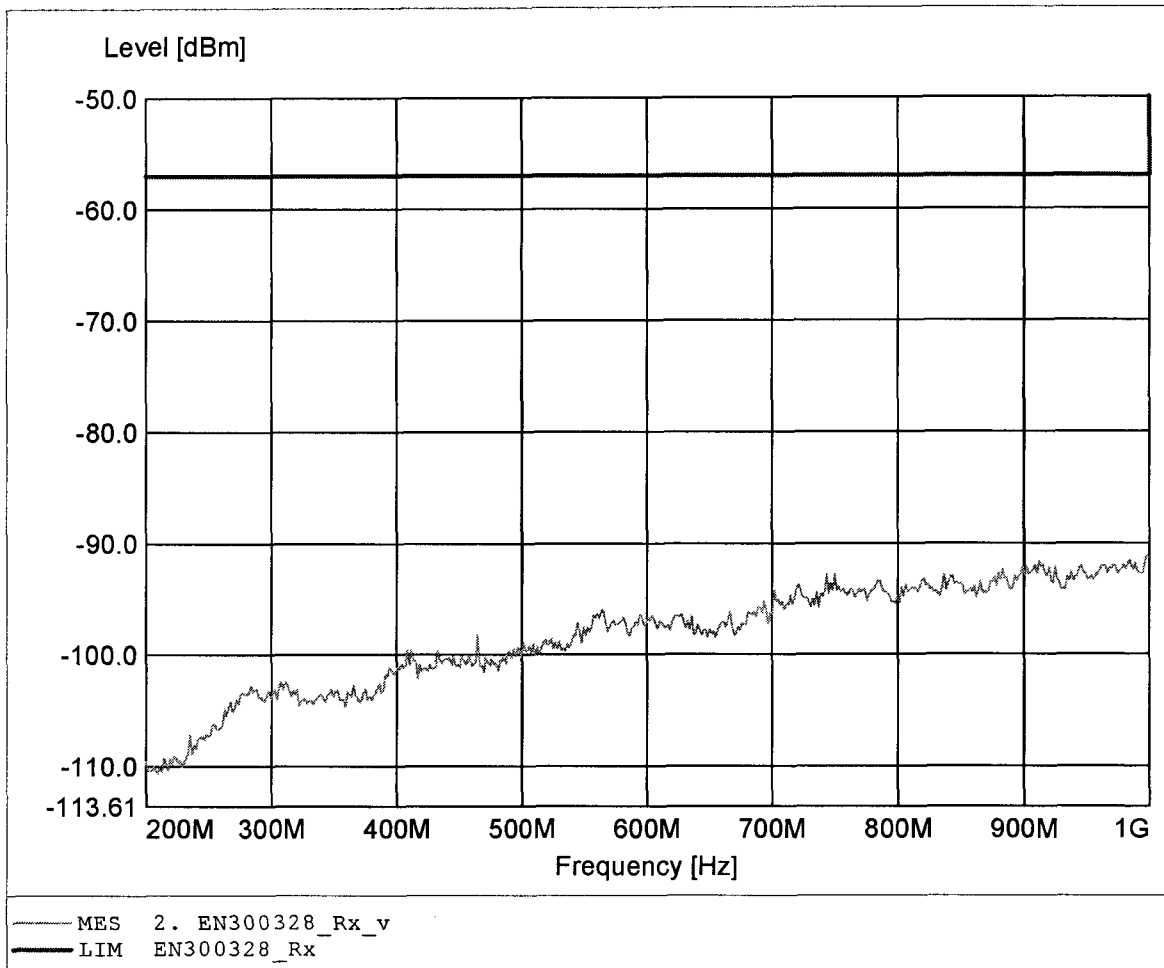
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 3m, Ant.: HK 116, ampl.: None  
Comment 2: Freq:153.667MHz Pmax:-70.09dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

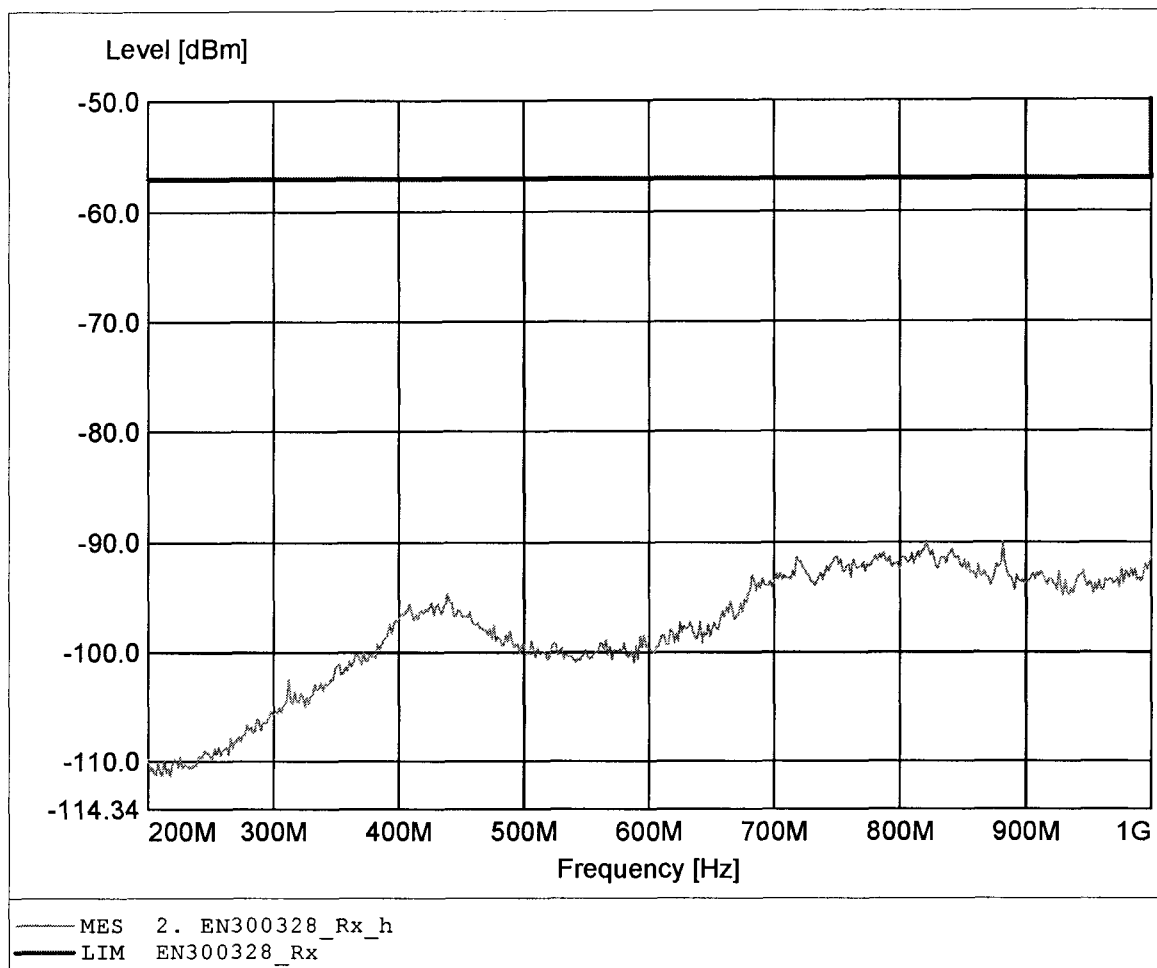
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.: 0.1-1GHz  
Comment 2: Freq:998.397MHz Pmax:-91.05dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

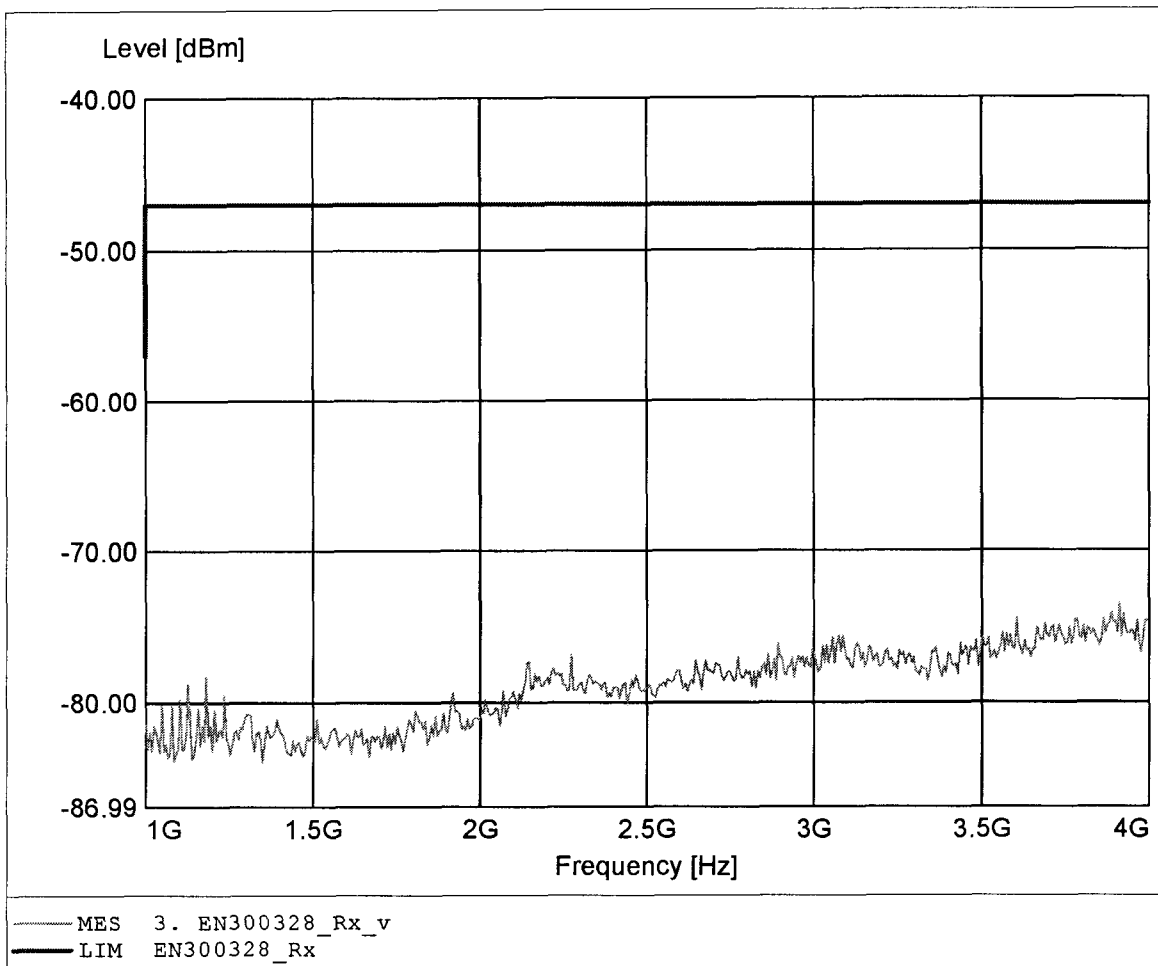
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.: 0.1-1GHz  
Comment 2: Freq:820.441MHz Pmax:-89.92dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

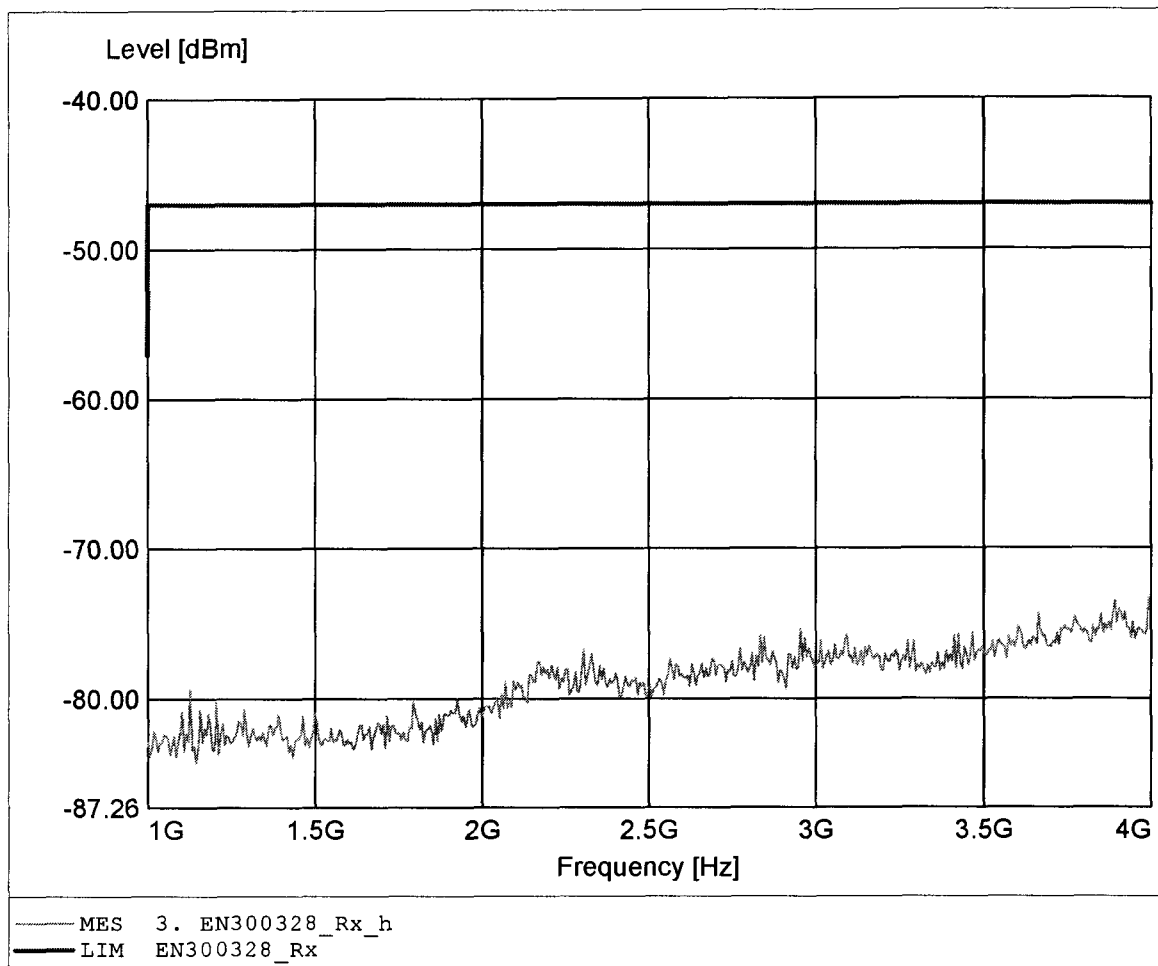
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 1-4GHz  
Comment 2: Freq:3.910GHz Pmax:-73.50dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

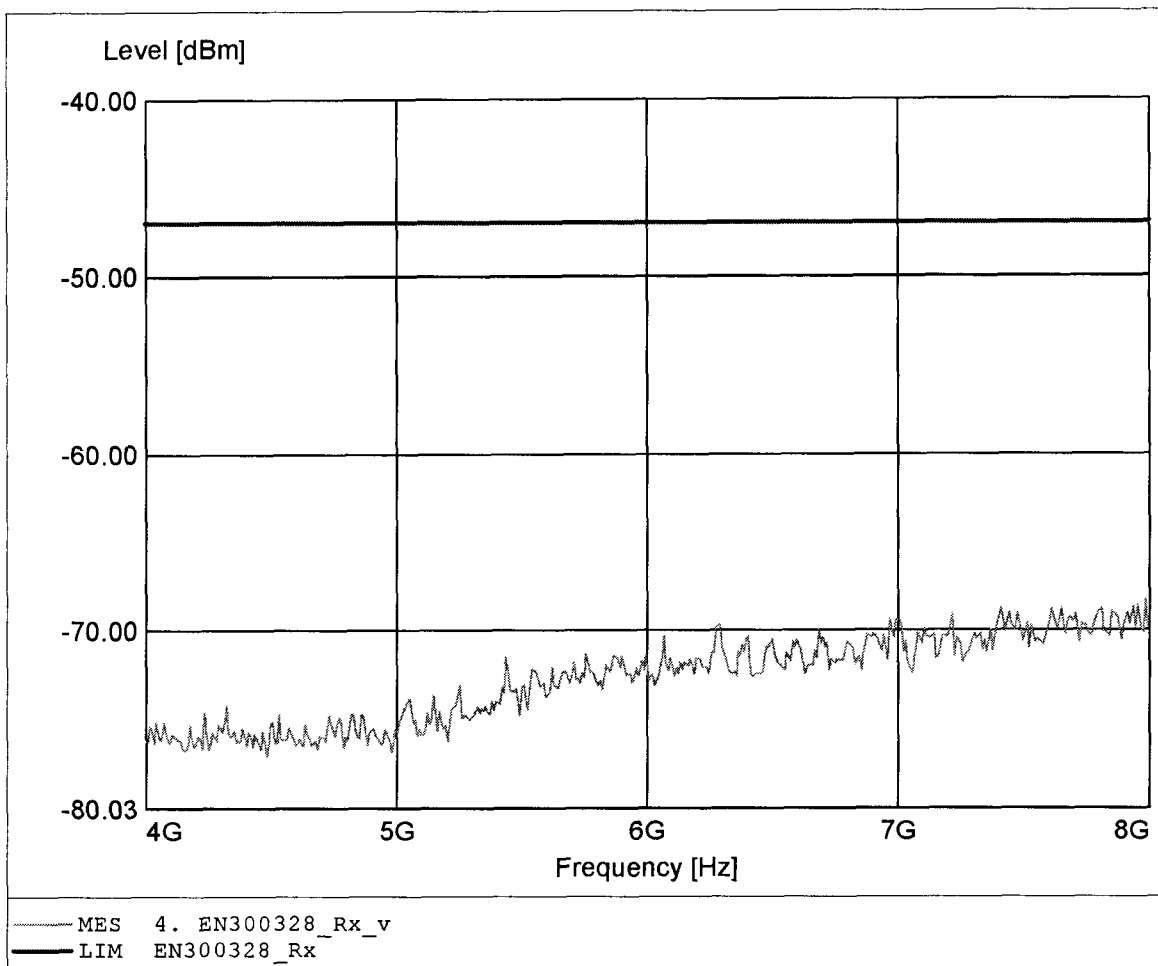
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 1-4GHz  
Comment 2: Freq:3.994GHz Pmax:-73.38dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

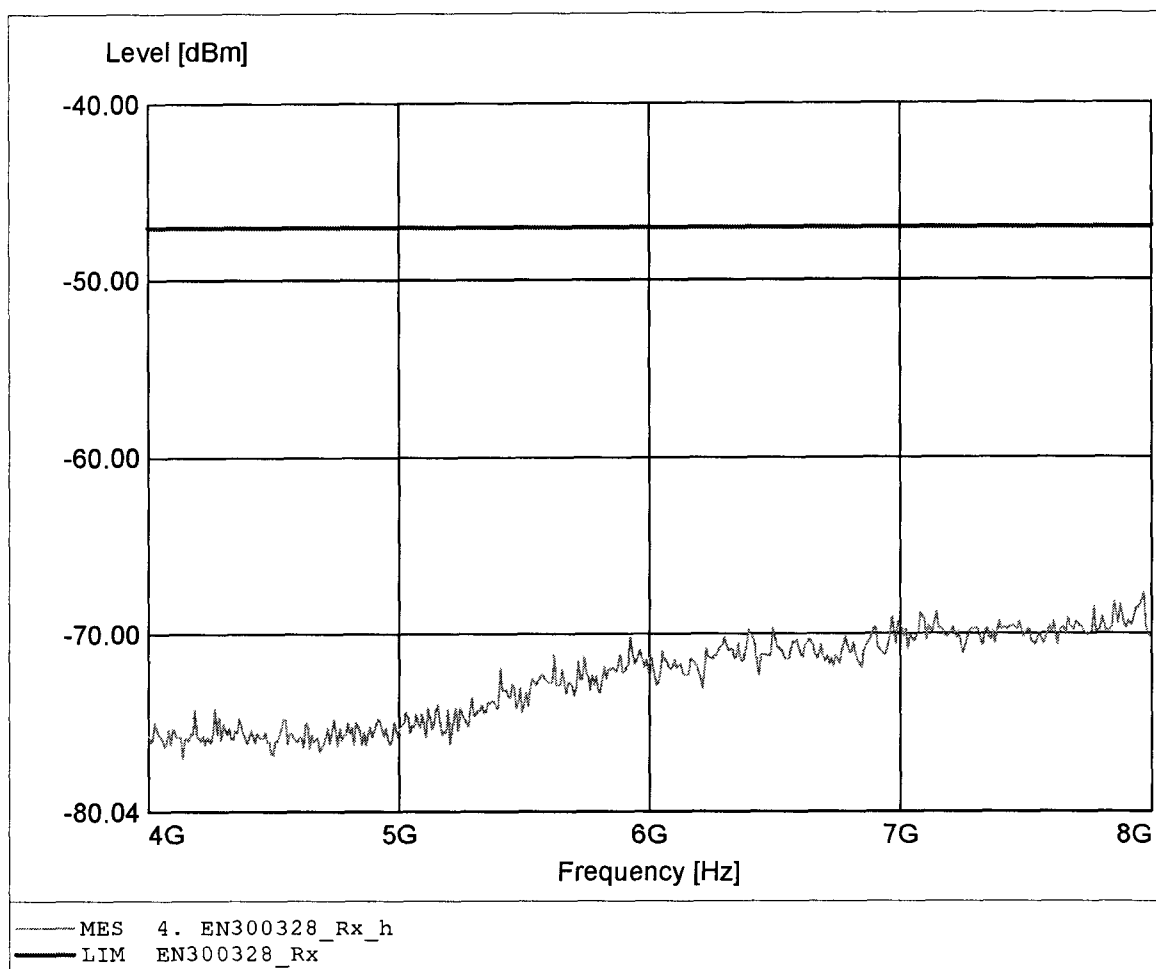
Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 4-8GHz  
Comment 2: Freq:7.984GHz Pmax:-68.35dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 4-8GHz  
Comment 2: Freq:7.968GHz Pmax:-67.68dBm RBW: 100 kHz

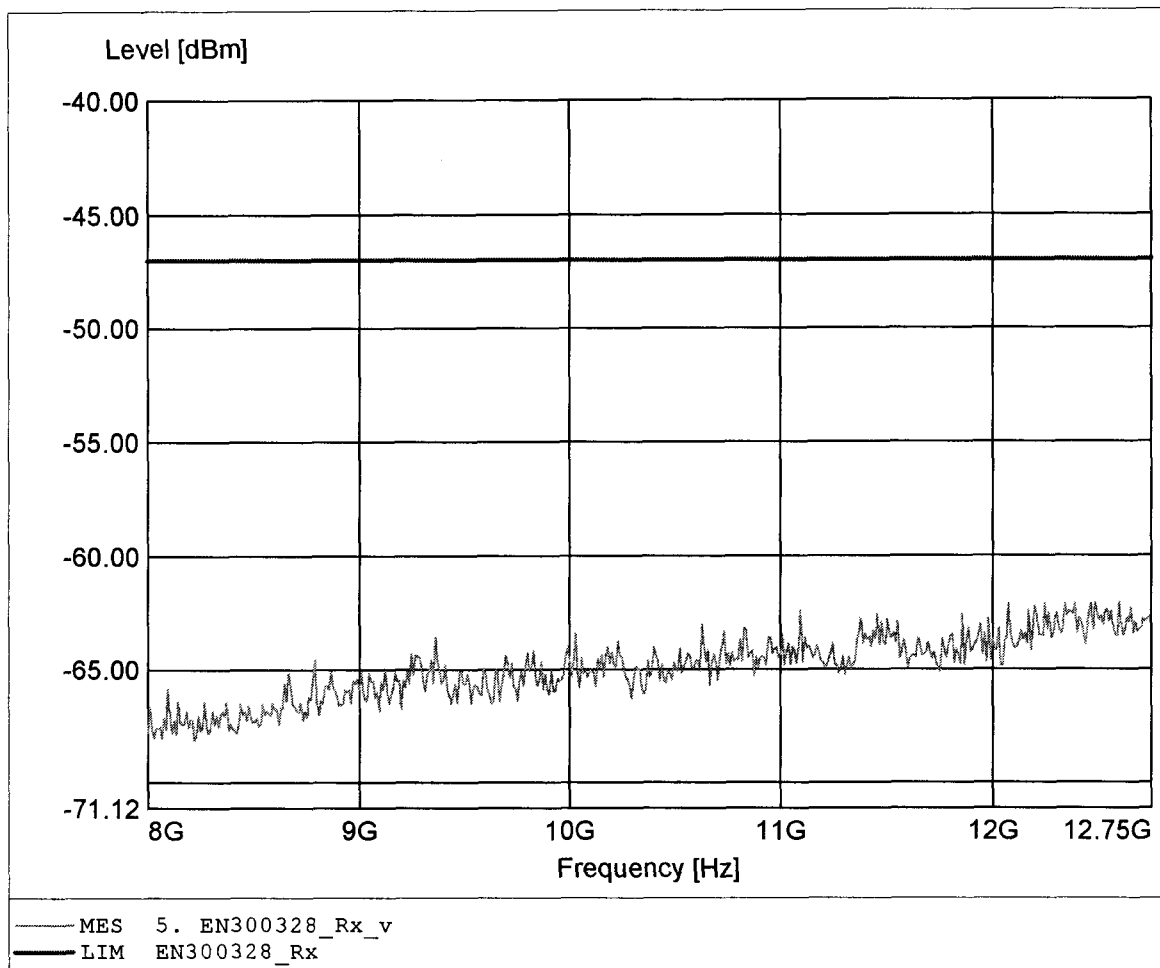




**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 8-18GHz  
Comment 2: Freq:12.598GHz Pmax:-62.06dBm RBW: 100 kHz



**Spurious emissions under normal conditions**

**in accordance to the EN 300 328**

Approval Holder: Leica Geosystems AG  
EUT: Laser Distance Meter with Bluetooth  
Model: Leica DISTO A6  
Test Site / Operator: ETS / Mr. Hoppe  
Test Condition: 25°C / Unom: 3.0 V DC / Receive mode  
Test Specification: Fully anechoic chamber / mode: RX  
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 8-18GHz  
Comment 2: Freq:12.569GHz Pmax:-62.83dBm RBW: 100 kHz

