



## Appendix B

Coordination with fixed microwave service

# UTAM, Inc.

## SECTION 15.307(b) AFFIDAVIT

I, Michael Stima, Managing Director of UTAM, Inc., hereby swear and affirm that:

KIRK Telecom, A/S

is a participating member of UTAM, Inc. in good standing for purposes of Section 15.307(b) of the FCC rules.

Subscribed to and sworn this 12th day of July, 2005



Michael Stima, Managing Director  
UTAM, Inc.  
1170 U.S. Hwy 22  
P.O. Box 8126  
Bridgewater, New Jersey 08807  
Tel: (508) 526-3636

Affidavit #: KIRK071205



## Appendix C

Reference to Subpart B



## Appendix D

Labeling requirements

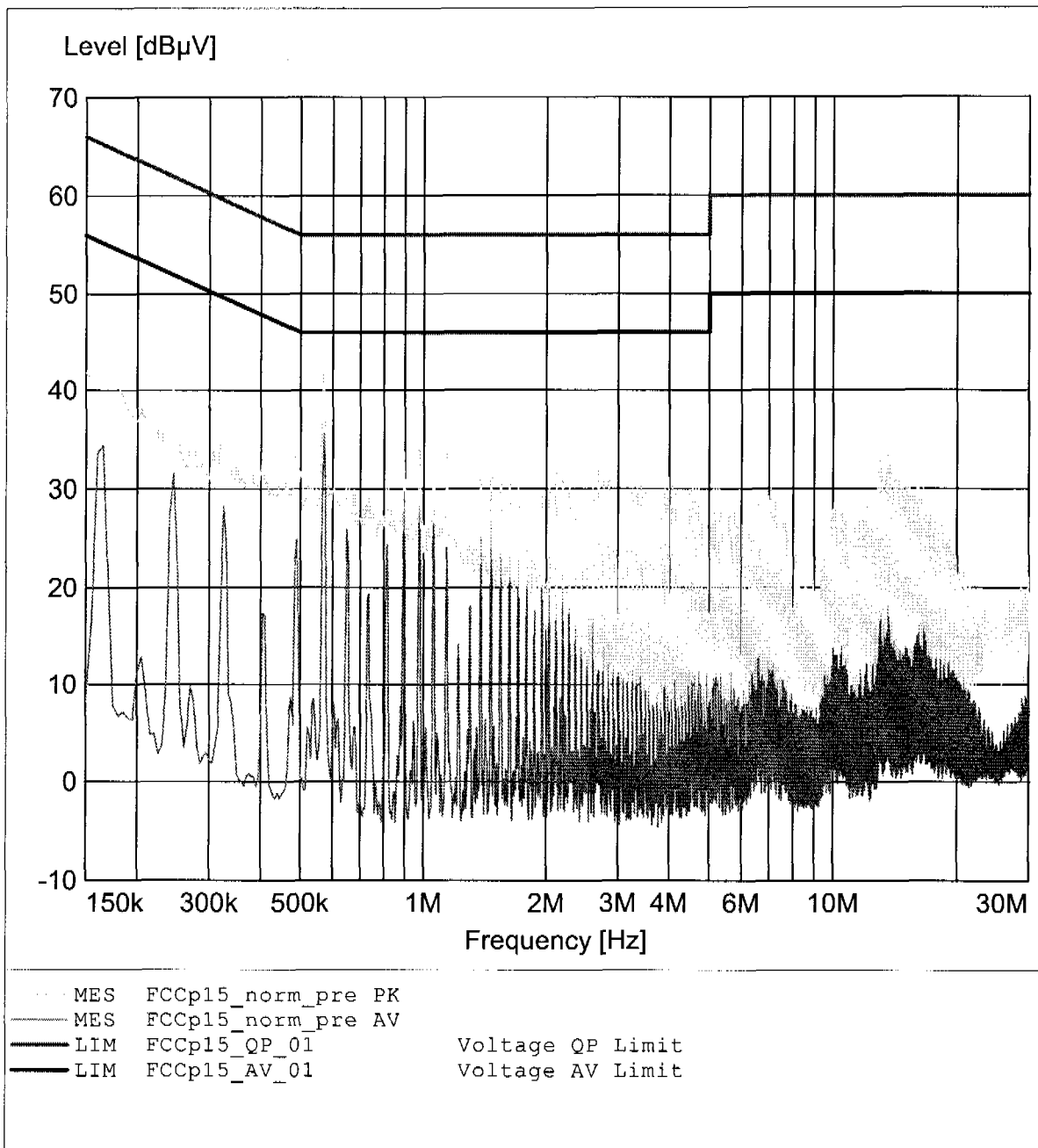


## Appendix E

Conducted limits AC Power line

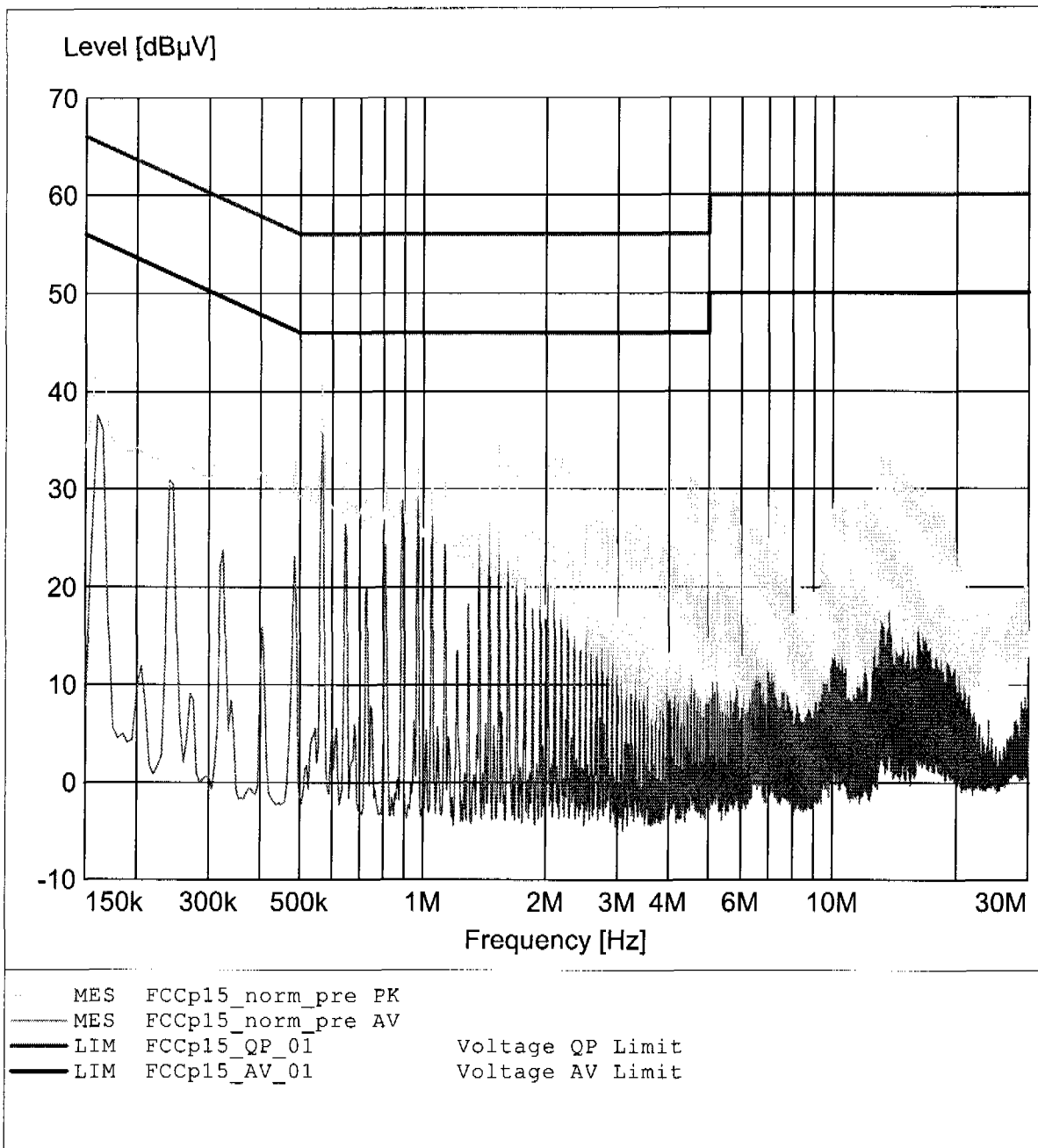
**EMI voltage test in the ac-mains according to FCC part 15**

EUT: Kirk UPCS (Dect based) Base Station (RFP)  
 Manufacturer: Kirk telecom A/S  
 Operating Condition: Unom: 120 V AC , Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: RFP4 1G9



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

EUT: Kirk UPCS (Dect based) Base Station (RFP)  
Manufacturer: Kirk telecom A/S  
Operating Condition: Unom: 120 V AC , Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Pflug  
Test Specification: V-Network: ESH2-Z5 (N)  
Comment: model: RFP4 1G9





## Appendix F

Emission band width



### FCC Part 15.303(b) Emission bandwidth

Test procedure ANSI 63.17-1998 6.1.3  
 UPCS

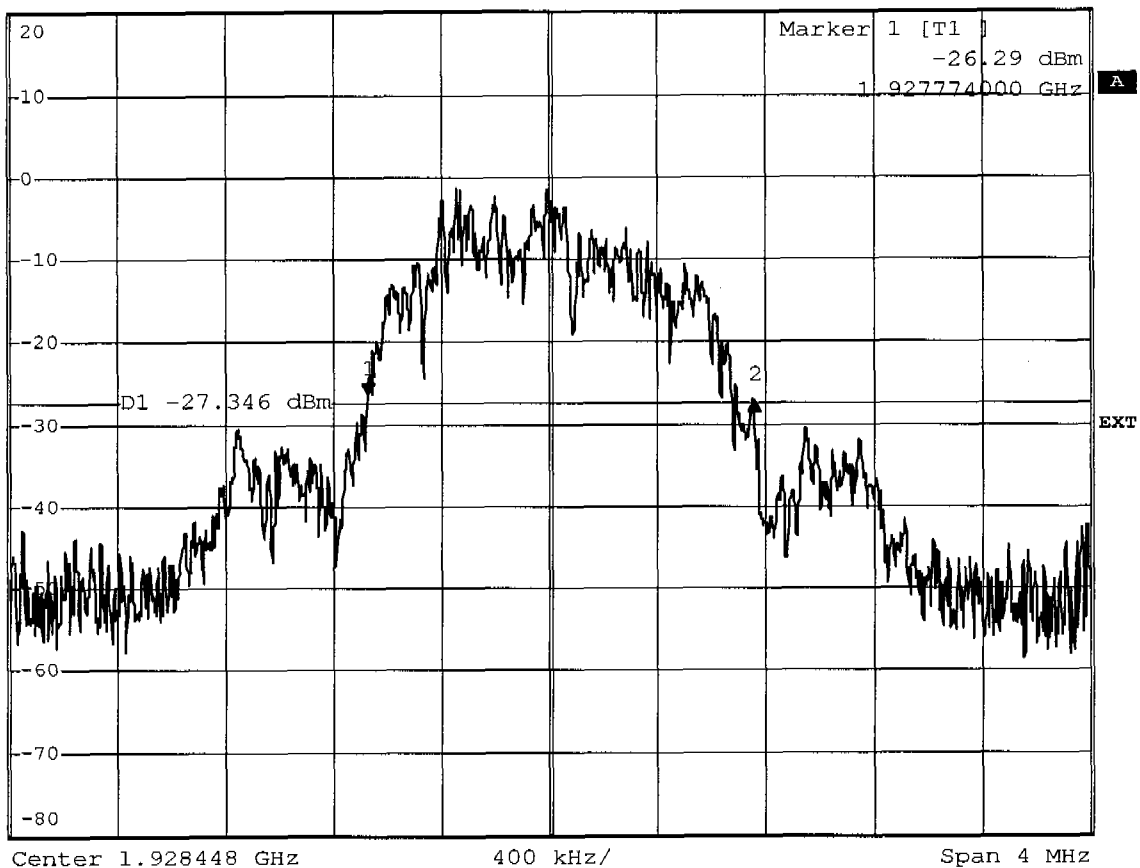
EUT Kirk UPCS (Dect based) Base Sation (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature 23°C  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.3 Emission bandwidth

Measured Bandwidth Emission Bandwidth = 1.43MHz  
 Max. Permitted BW Limit = 2.5 MHz

Test result Verdict = PASS



Emission Bandwidth \*RBW 10 kHz Delta 2 [T1 ]  
 \*VW 30 kHz -0.82 dB  
 Ref 20 dBm \*Att 30 dB SWT 40 ms 1.432000000 MHz



Comment: Ansi C63.17-1998 6.1.3  
 Date: 5.JUL.2005 08:07:24

Measurement diagram



**Additional values as required for the detailed threshold monitoring bandwidth test  
ANSI C63.17-1988 7.4.2**

**-6 dB points**

Lower frequency : 1928.04MHz  
Higher frequency : 1928.738MHz

**-12 dB points**

Lower frequency : 1927.864MHz  
Higher frequency : 1929.018MHz

---

Measurement diagram

### FCC Part 15.303(b) Emission bandwidth

#### Test procedure ANSI 63.17-1998 6.1.3 UPCS

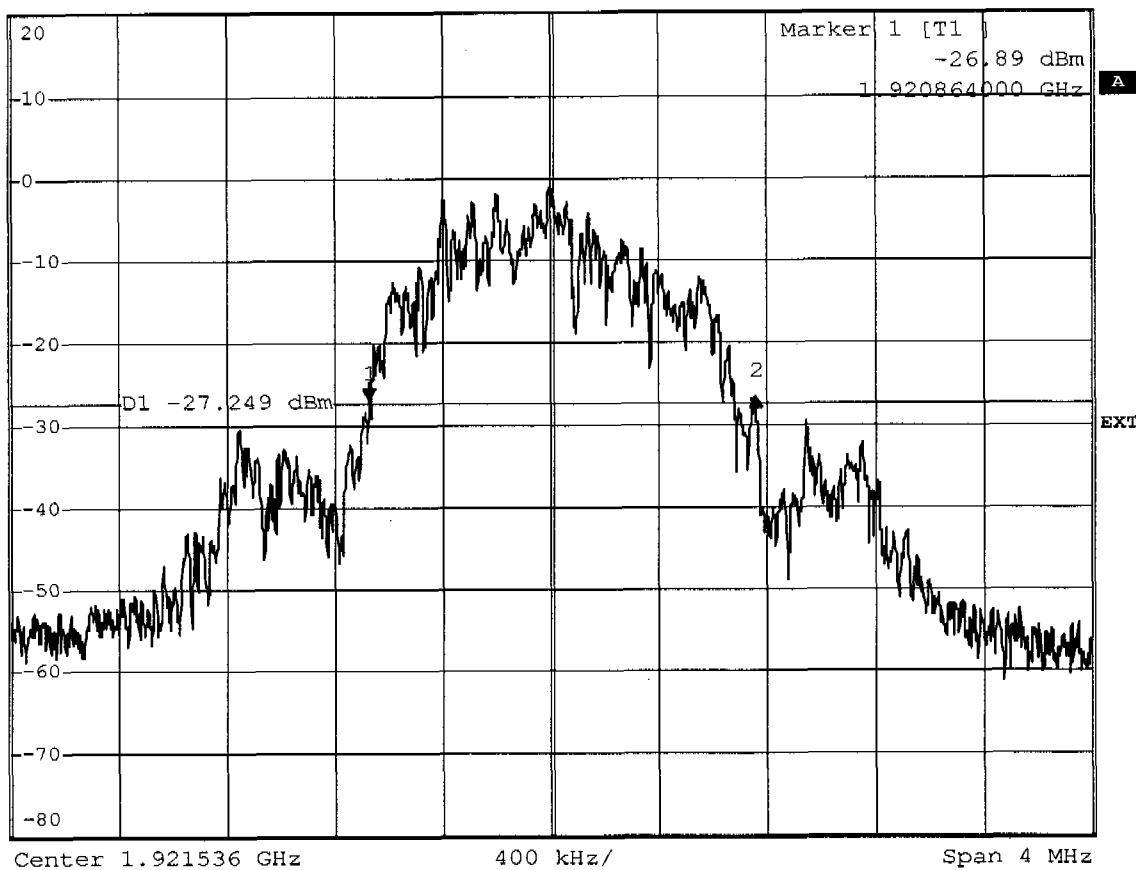
EUT Kirk UPCS (Dect based) Base Sation (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature 23°C  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.3 Emission bandwidth

Measured Bandwidth Emission Bandwidth = 1.43MHz  
 Max. Permitted BW Limit = 2.5 MHz

Test result Verdict = PASS



Emission Bandwidth \*RBW 10 kHz Delta 2 [T1 ]  
 \*VBW 30 kHz 0.22 dB  
 Ref 20 dBm \*Att 30 dB SWT 40 ms 1.434000000 MHz



Comment: Ansi C63.17-1998 6.1.3  
 Date: 5.JUL.2005 08:12:06

Measurement diagram



**Additional values as required for the detailed threshold monitoring bandwidth test  
ANSI C63.17-1988 7.4.2**

**-6 dB points**

Lower frequency : 1921.13MHz  
Higher frequency : 1921.712MHz

**-12 dB points**

Lower frequency : 1920.954MHz  
Higher frequency : 1922.106MHz

---

Measurement diagram

### FCC Part 15.303(b) Emission bandwidth

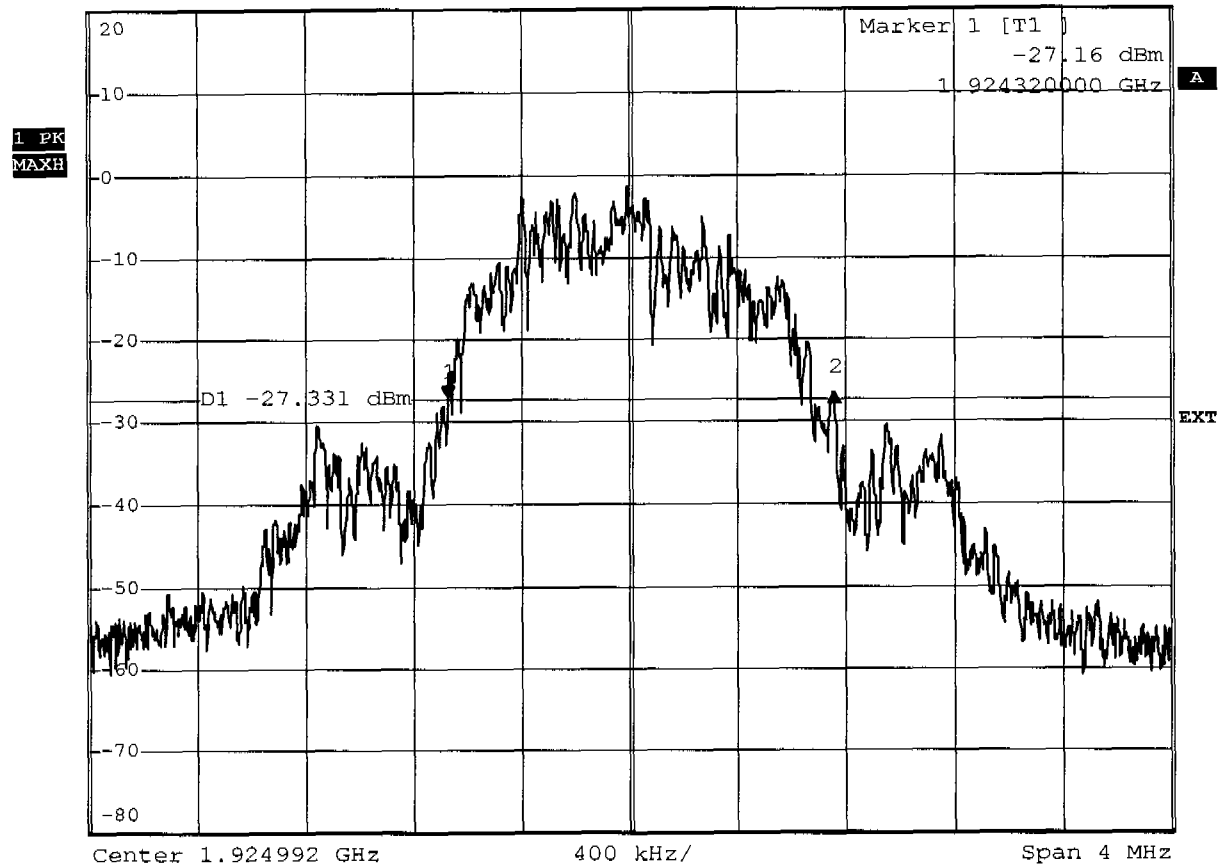
#### Test procedure ANSI 63.17-1998 6.1.3 UPCS

EUT Kirk UPCS (Dect based) Base Sation (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature 23°C  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.3 Emission bandwidth

Measured Bandwidth Emission Bandwidth = 1.43MHz  
 Max. Permitted BW Limit = 2.5 MHz

Test result Verdict = PASS

 Emission Bandwidth \*RBW 10 kHz Delta 2 [T1 ]  
 Ref 20 dBm \*Att 30 dB \*VBW 30 kHz 0.49 dB  
 SWT 40 ms 1.430000000 MHz



Comment: Ansi C63.17-1998 6.1.3  
 Date: 5.JUL.2005 08:11:03

Measurement diagram



**Additional values as required for the detailed threshold monitoring bandwidth test  
ANSI C63.17-1988 7.4.2**

**-6 dB points**

Lower frequency : 1924.586MHz  
Higher frequency : 1925.27MHz

**-12 dB points**

Lower frequency : 1924.408MHz  
Higher frequency : 1925.564MHz

---

Measurement diagram



## Appendix G

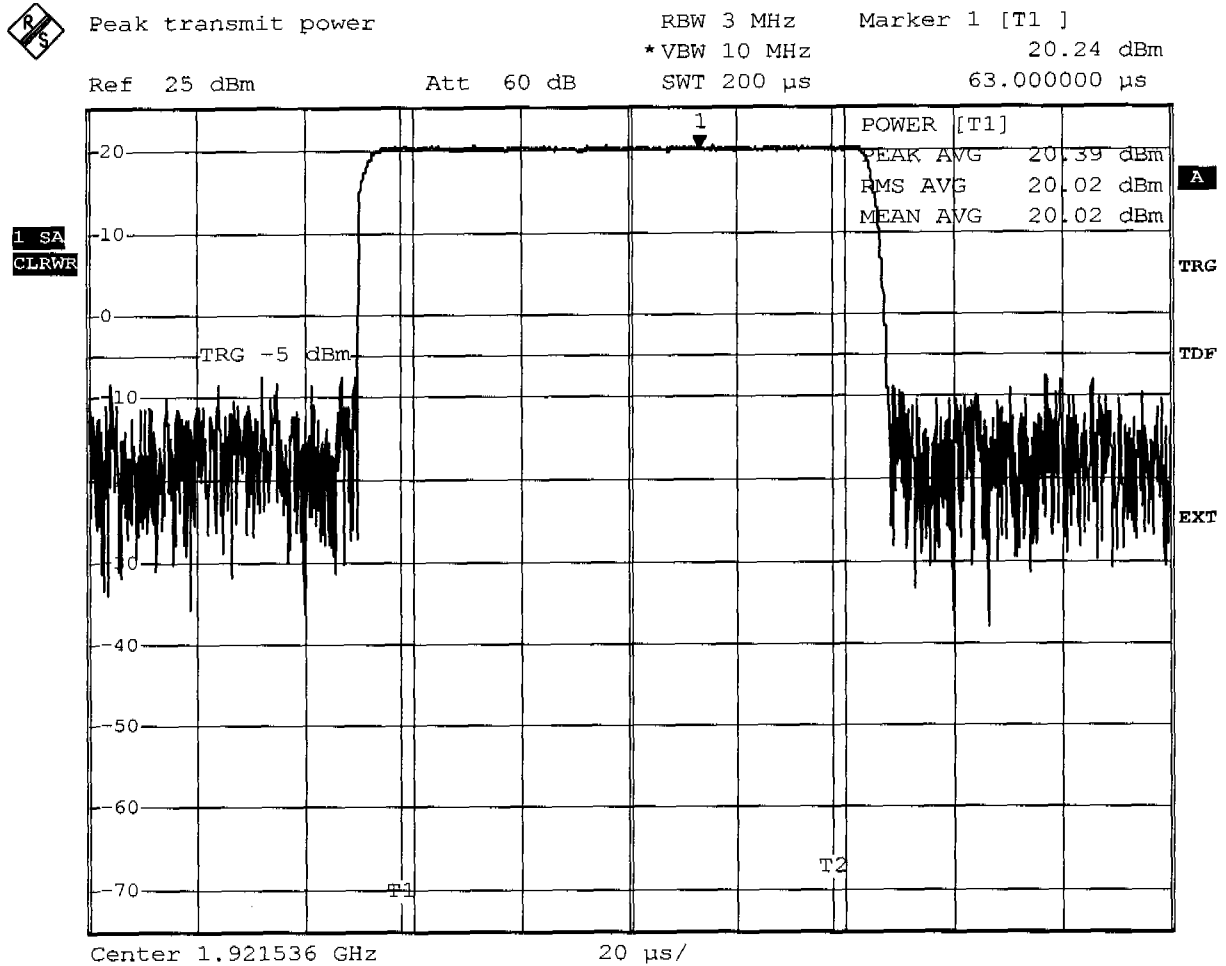
Peak Transmit Power

### FCC Part 15.319(c) Peak Transmit Power limit

#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Unom  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,39 dBm  
 Test result Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 14:03:31

Measurement diagram





### FCC Part 15.319(c) Peak Transmit Power limit

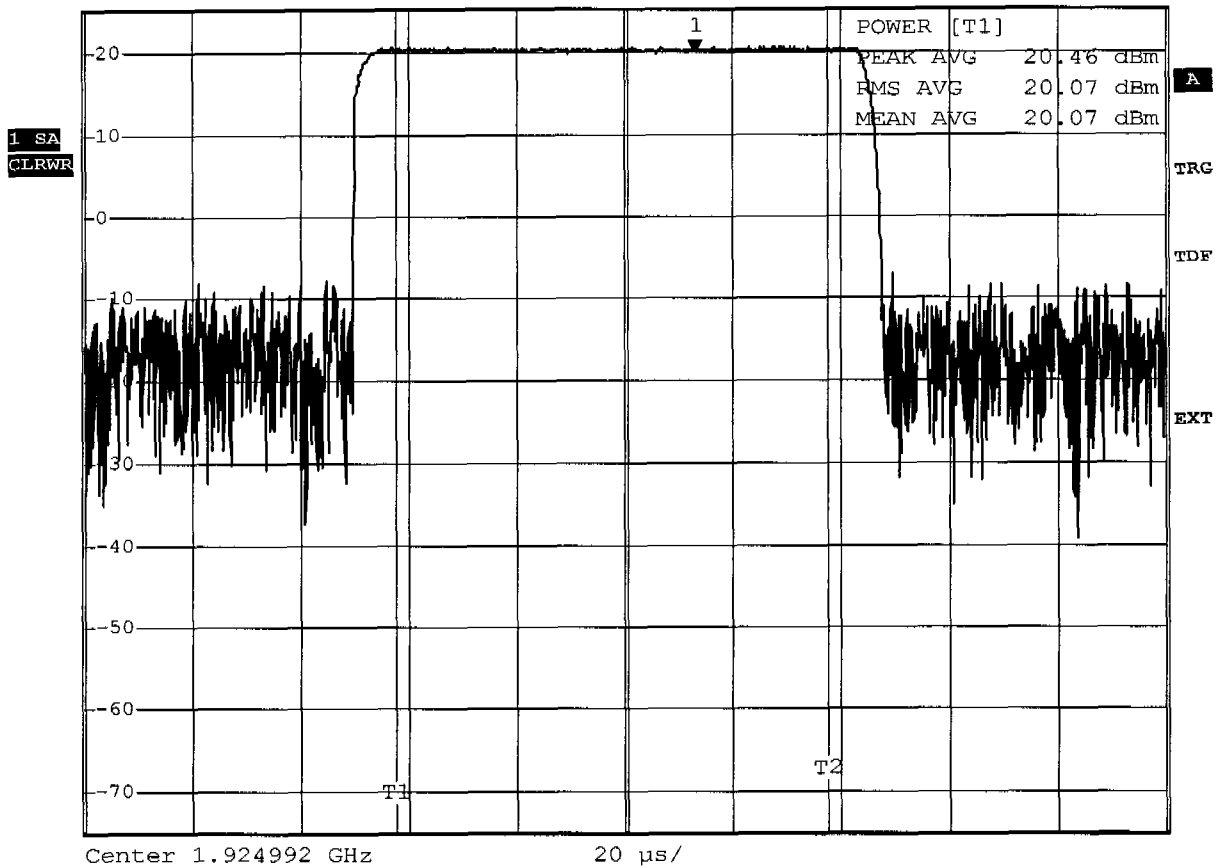
#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Unom  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,46 dBm  
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1 ]  
 \*VBW 10 MHz 20.00 dBm  
 Ref 25 dBm Att 60 dB SWT 200 µs 63.000000 µs



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 13:50:36

Measurement diagram



### FCC Part 15.319(c) Peak Transmit Power limit

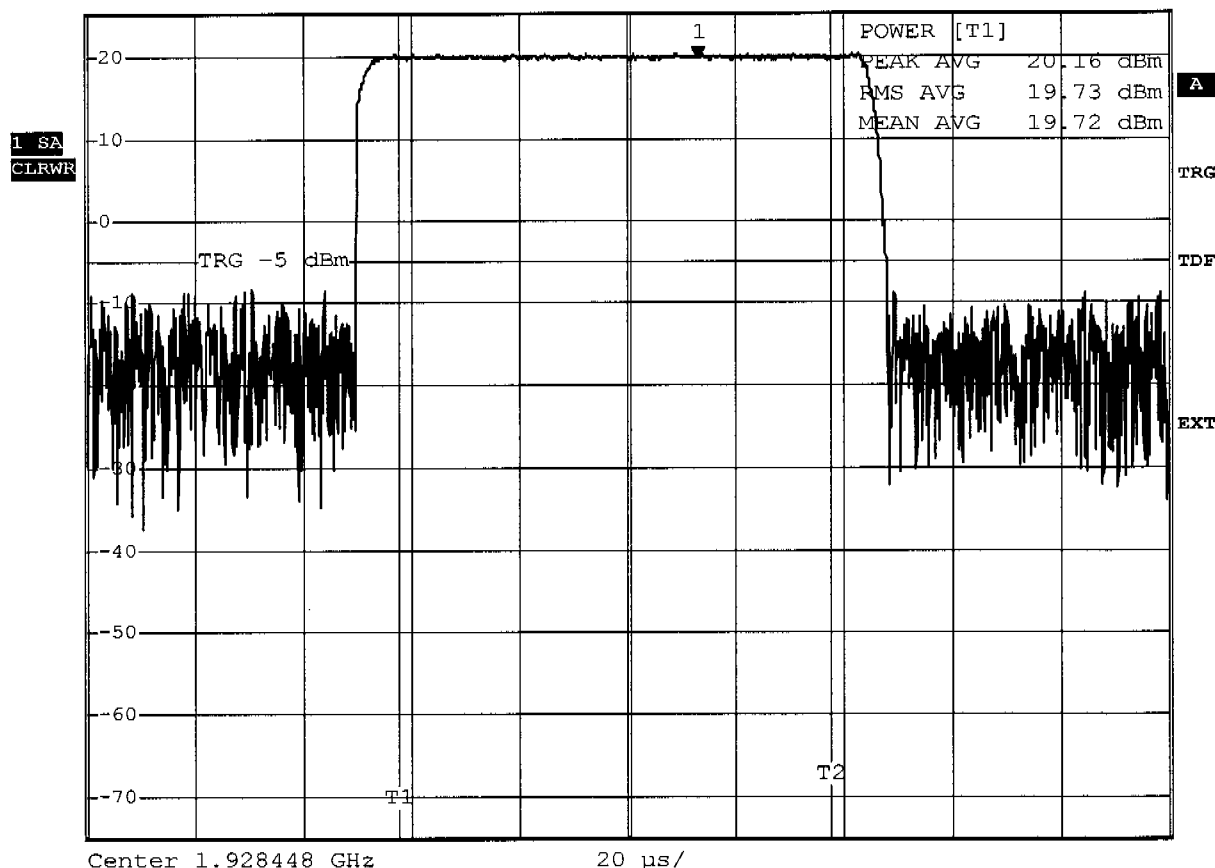
#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Unom  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,16 dBm  
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 19.54 dBm  
 \*VBW 10 MHz 63.000000 µs  
 Ref 25 dBm Att 60 dB SWT 200 µs



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 14:09:29

Measurement diagram



### FCC Part 15.319(c) Peak Transmit Power limit

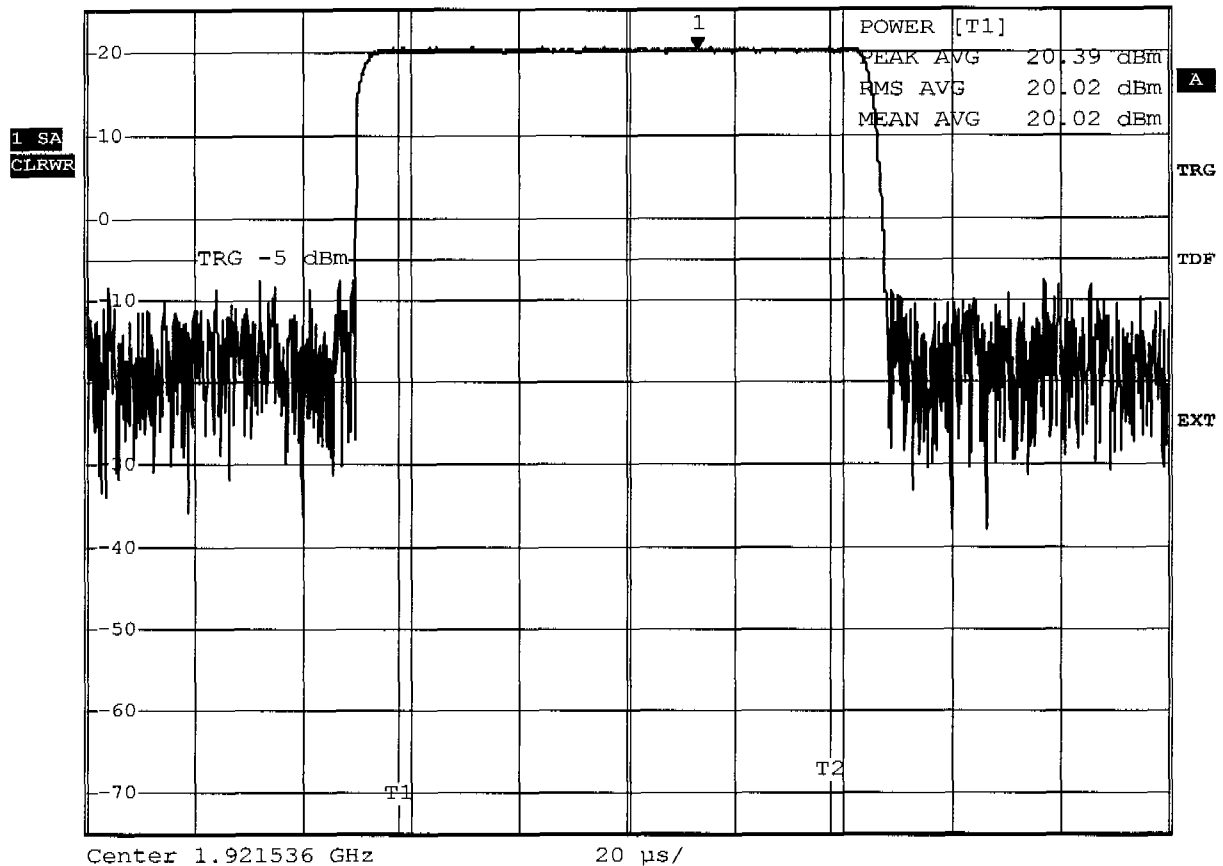
#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Umin  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1,434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,39 dBm  
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 20.24 dBm  
 \*VBW 10 MHz  
 Ref 25 dBm Att 60 dB SWT 200 µs 63.000000 µs



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 14:03:31

Measurement diagram

### FCC Part 15.319(c) Peak Transmit Power limit

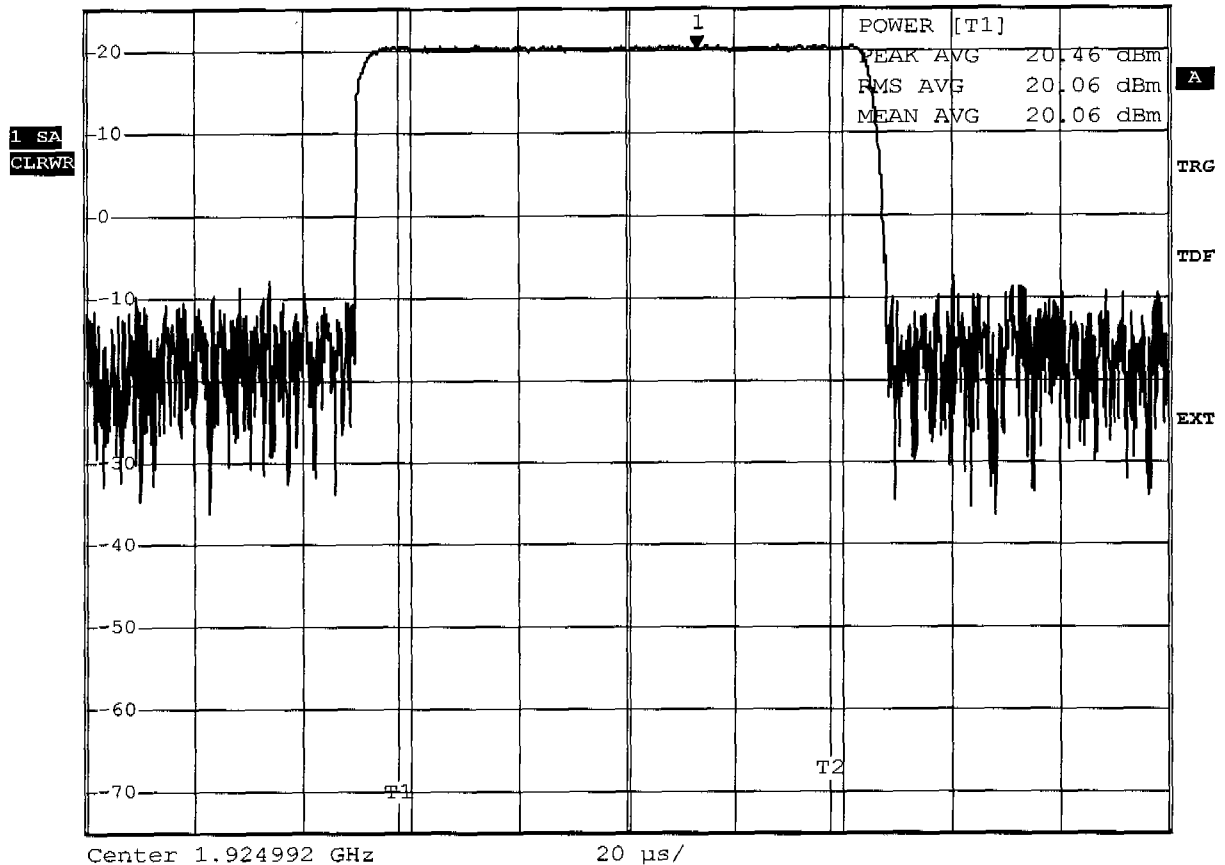
Test procedure ANSI 63.17-1998 6.1.2  
 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Umin  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,46 dBm  
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 20.24 dBm  
 \*VBW 10 MHz 63.000000 µs  
 Ref 25 dBm Att 60 dB SWT 200 µs



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 13:46:35

Measurement diagram

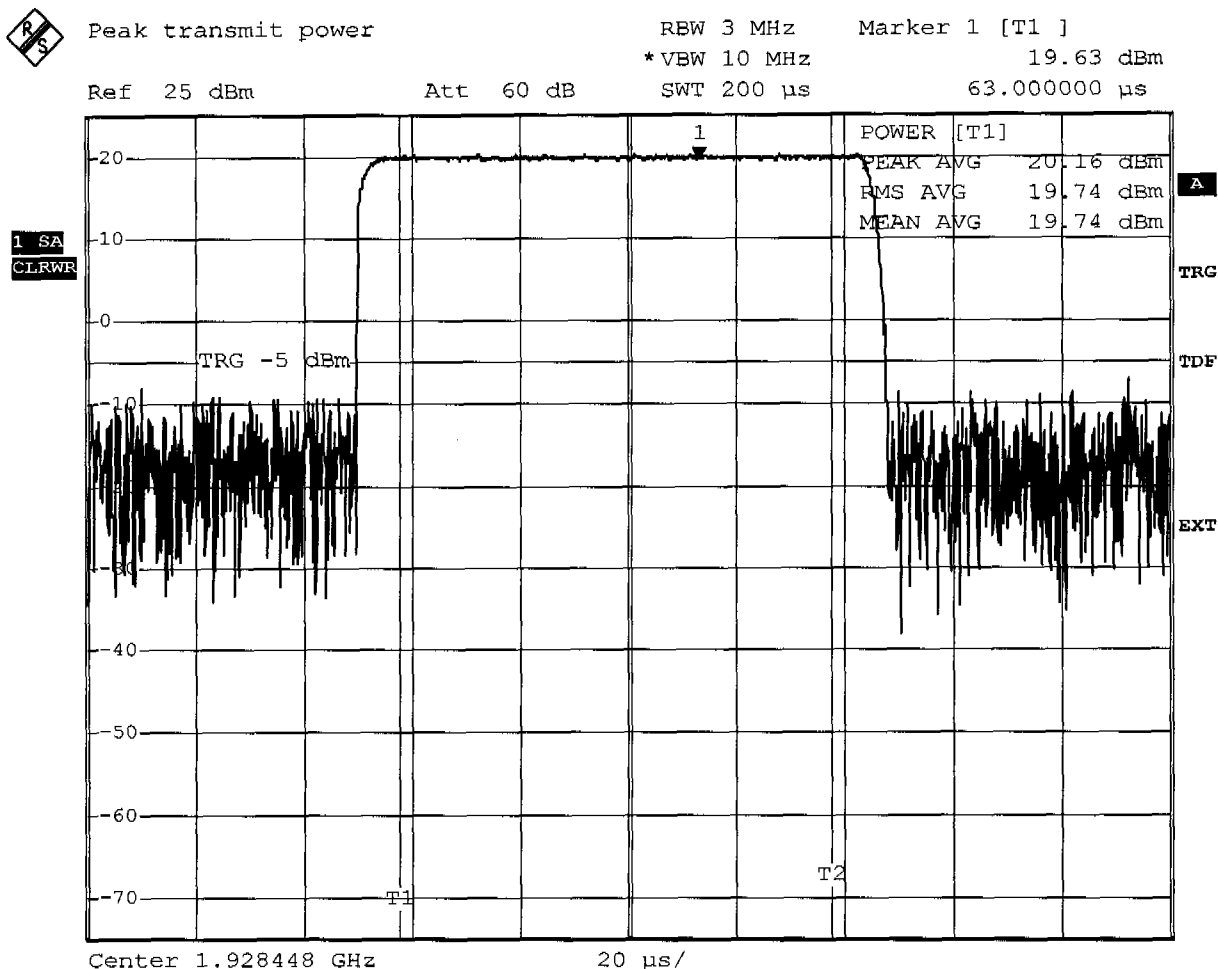


### FCC Part 15.319(c) Peak Transmit Power limit

#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Umin  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,16 dBm  
 Test result Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 14:07:35

Measurement diagram

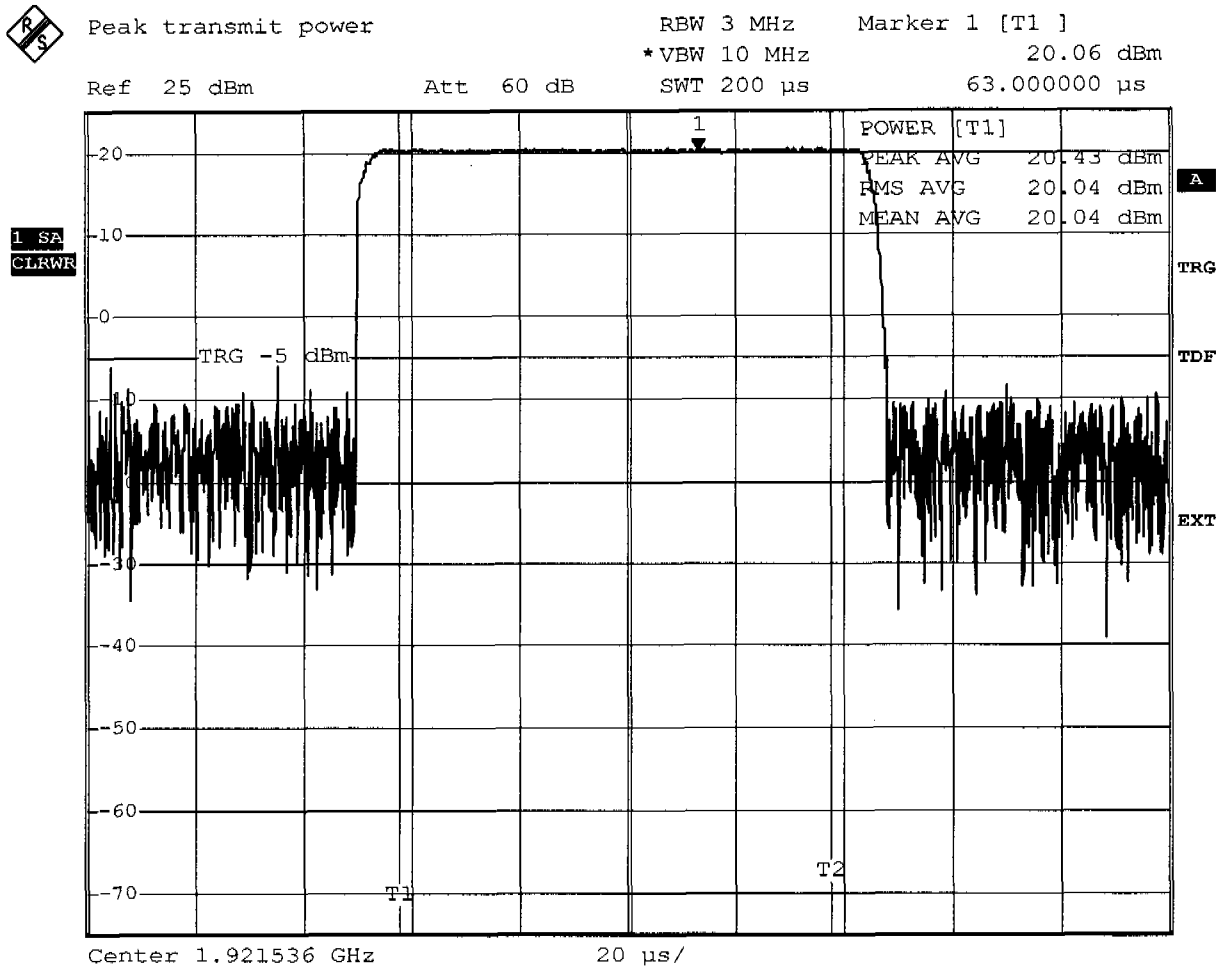


### FCC Part 15.319(c) Peak Transmit Power limit

Test procedure ANSI 63.17-1998 6.1.2  
 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Umax  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,43 dBm  
 Test result Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 14:05:10

Measurement diagram



### FCC Part 15.319(c) Peak Transmit Power limit

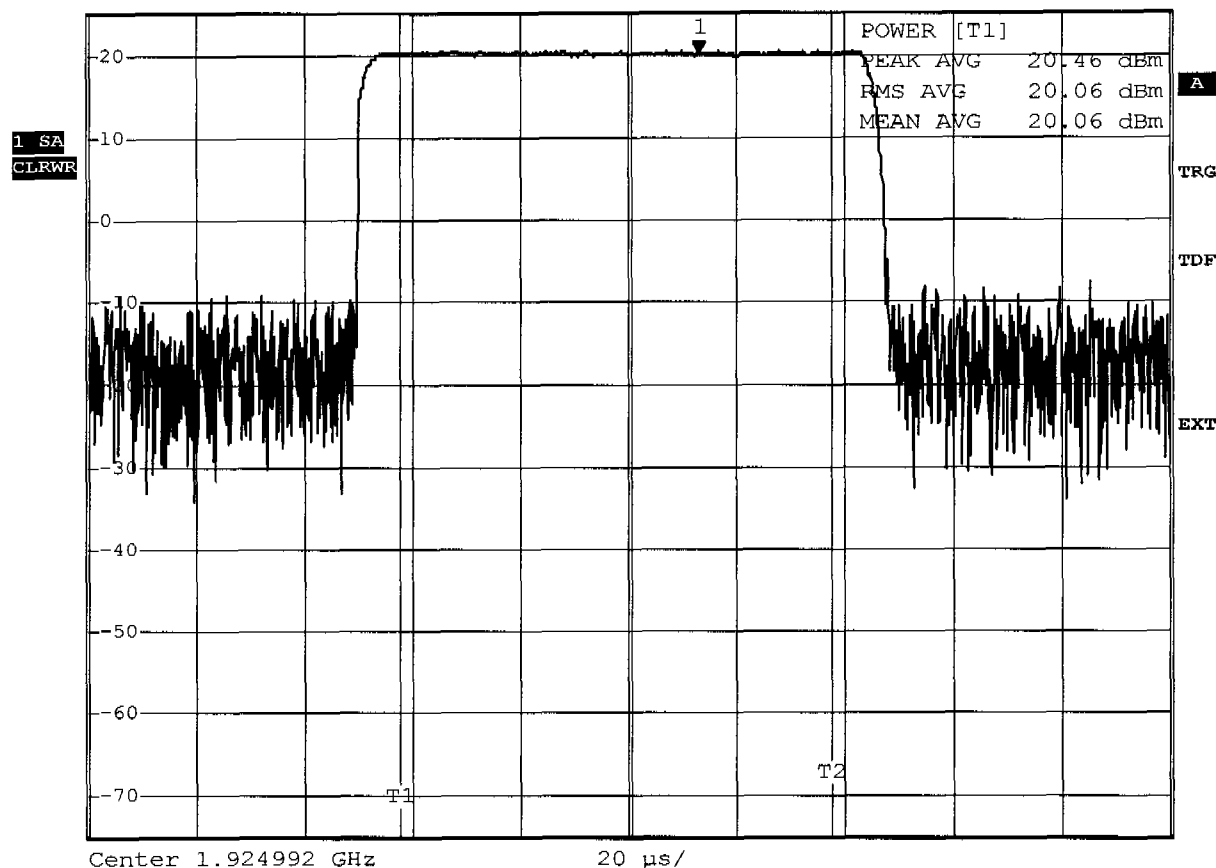
#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Umax  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,45 dBm  
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 20.03 dBm  
 \*VBW 10 MHz  
 Ref 25 dBm Att 60 dB SWT 200 µs 63.000000 µs



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 13:54:09

Measurement diagram



### FCC Part 15.319(c) Peak Transmit Power limit

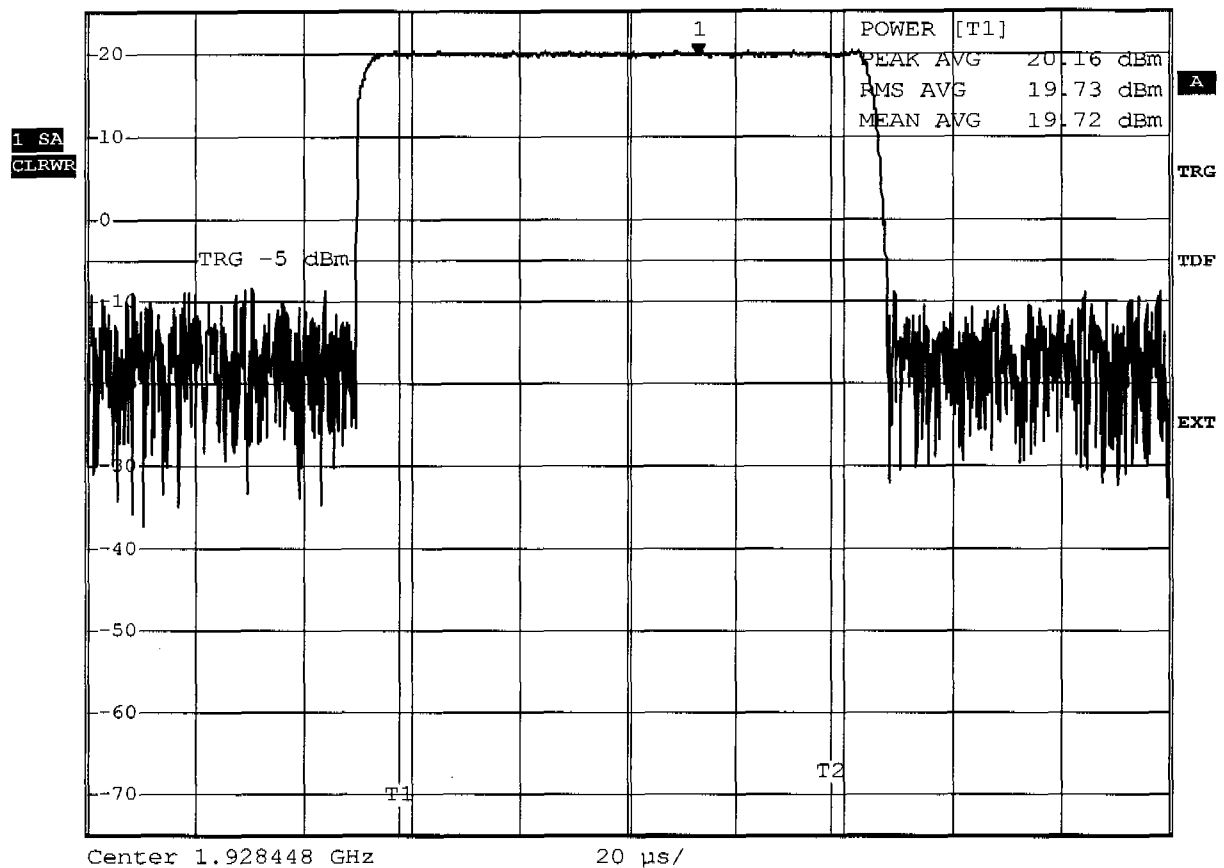
#### Test procedure ANSI 63.17-1998 6.1.2 UPCS

EUT Kirk UPCS (Dect based) Base Station (RFP)  
 Model RFP4 1G9  
 Applicant Kirk telecom A/S  
 Temperature / Voltage 23°C / Umax  
 Test Site / Operator ETS Reichenwalde  
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.434MHz  
 Max. Permitted Power 20,78 dBm  
 Measured Power 20,16 dBm  
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 19.54 dBm  
 \*VBW 10 MHz 63.000000 µs  
 Ref 25 dBm Att 60 dB SWT 200 µs



Comment: Ansi C63.17-1998 6.1.2  
 Date: 7.AUG.2005 14:09:29

Measurement diagram





## Appendix H

Power spectral density

### FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5  
 UPCS

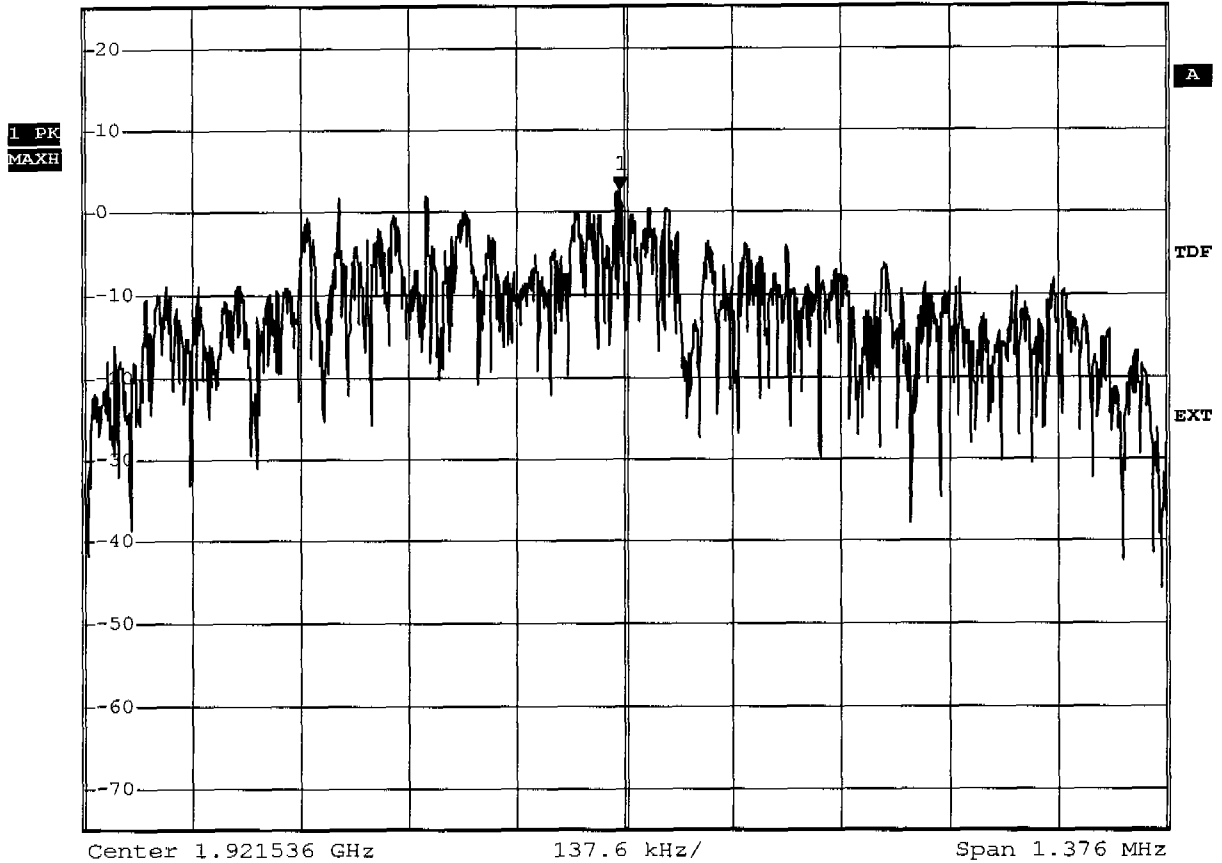
EUT	Kirk UPCS (Dect based) Base Station (RFP)
Model	RFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Test step 1 initial condition



Power Spectral Densit

\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 3 kHz      2.66 dBm  
 Ref 25 dBm      \*Att 40 dB      SWT 180 ms      1.921531184 GHz



Comment: Ansi C63.17-1998 6.1.5  
 Date: 6.JUL.2005 11:48:53

Measurement diagram

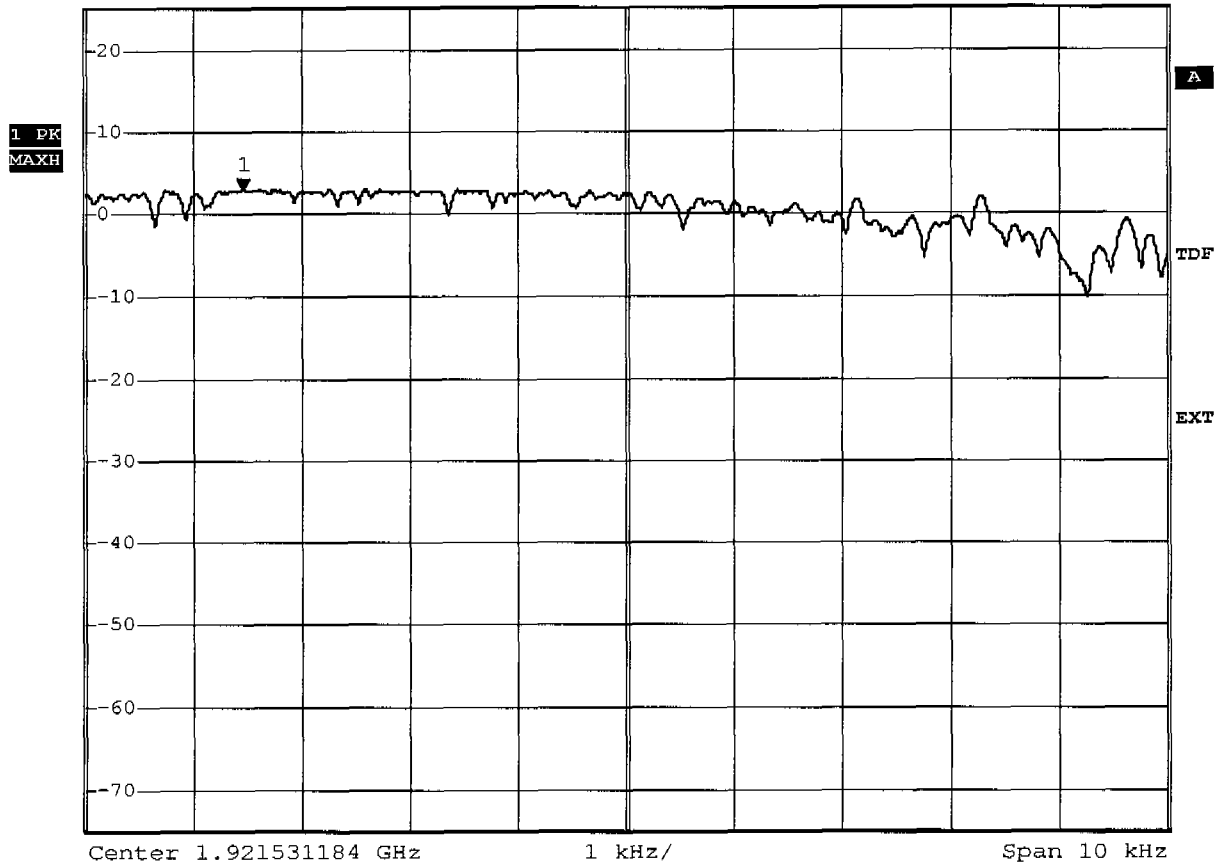
## FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5  
 UPCS

EUT	Kirk UPCS (Dect based) Base Station (RFP)
Model	RFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Measured Maximum	2.828 dBm
Value in mW	1.918mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit      \*RBW 3 kHz      Marker 1 [T1 ]  
 Ref 25 dBm      \*Att 40 dB      \*VBW 3 kHz      2.83 dBm  
 SWT 10 ms      1.921527644 GHz



Comment: Ansi C63.17-1998 6.1.5  
 Date: 6.JUL.2005 11:49:12

Measurement diagram

### FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5  
 UPCS

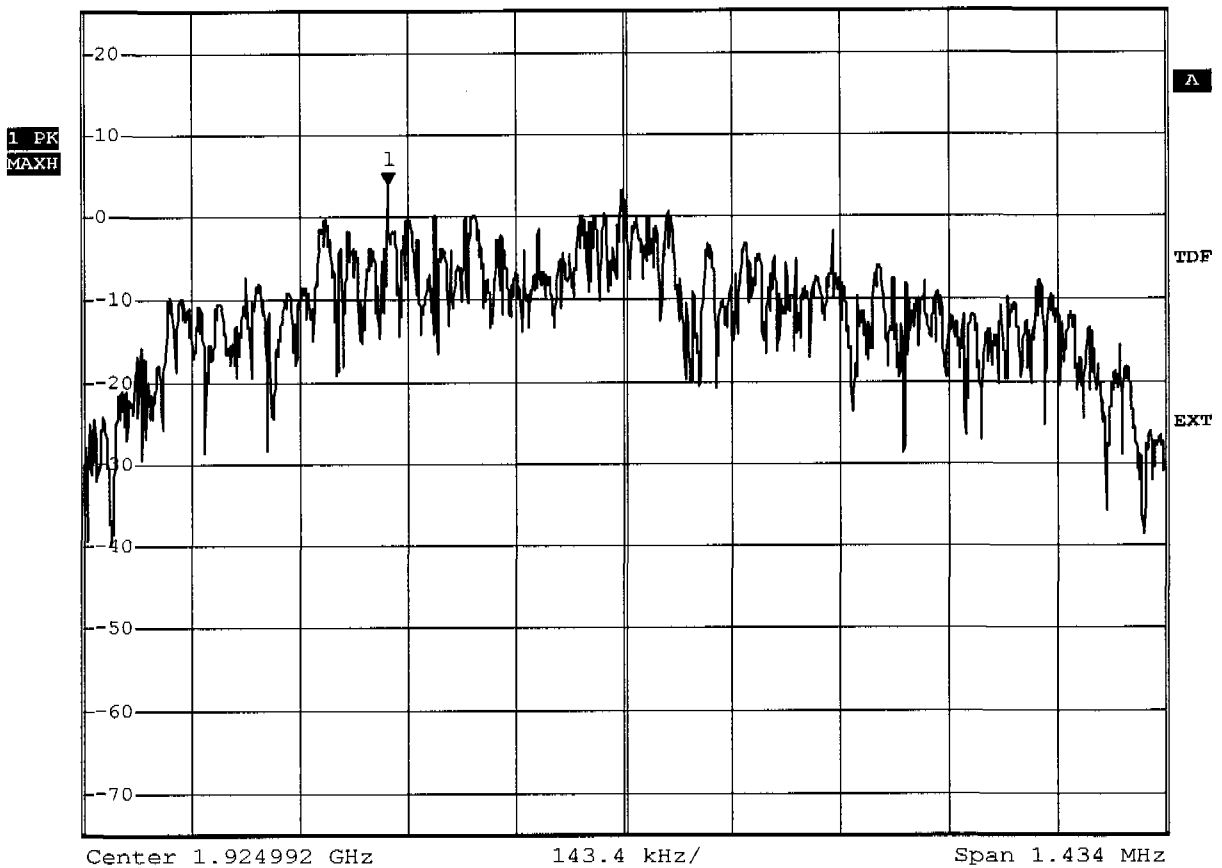
EUT	Kirk UPCS (Dect based) Base Station (RFP)
Model	RFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Test step 1 initial condition



Power Spectral Densit

\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 3 kHz      3.79 dBm  
 Ref 25 dBm      \*Att 40 dB      SWT 175 ms      1.924679388 GHz



Comment: Ansi C63.17-1998 6.1.5  
 Date: 5.JUL.2005 08:18:17

Measurement diagram

## FCC Part 15.319(d) Power spectral density

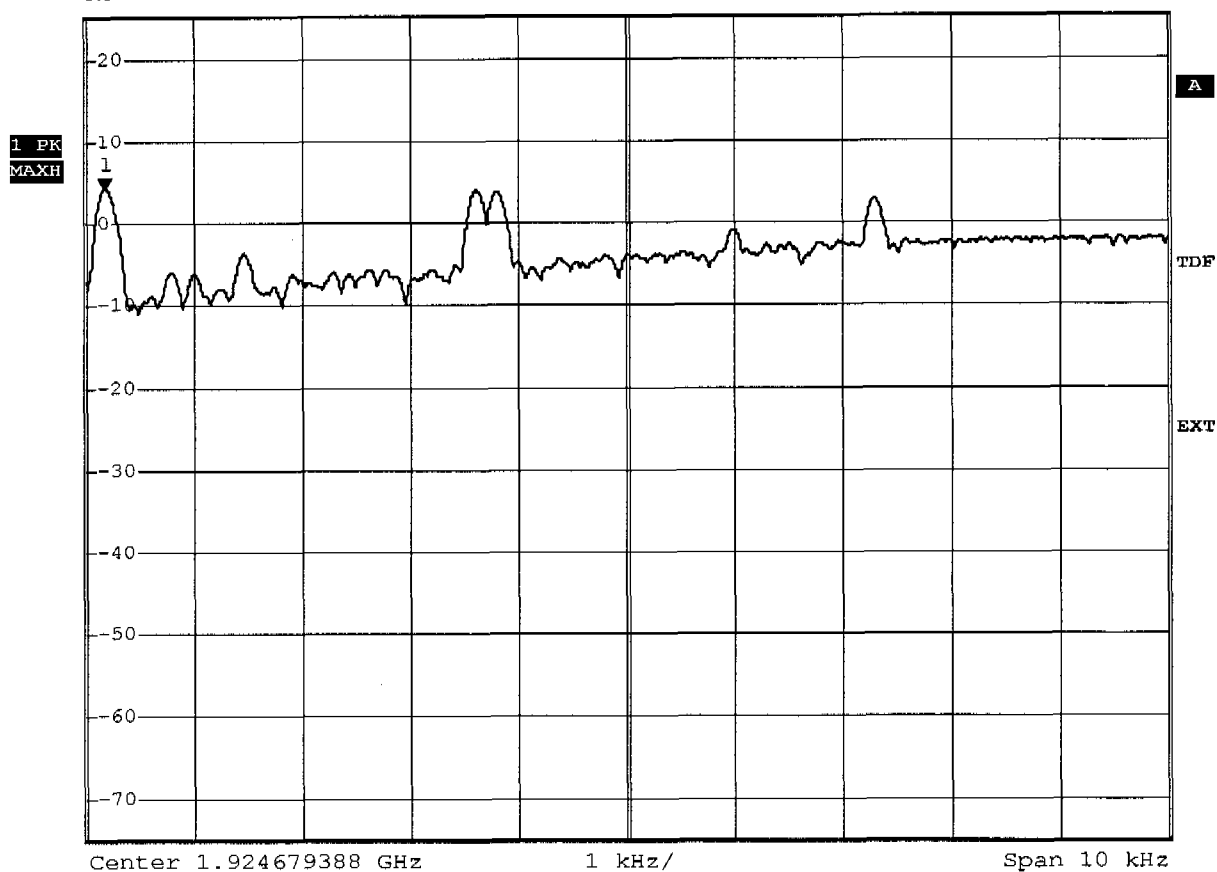
### Test procedure ANSI 63.17-1998 6.1.5 UPCS

EUT	Kirk UPCS (Dect based) Base Station (RFP)
Model	RFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum Value in mW	4.164 dBm
Maximal permitted Test result	2.609mW
	limit=3mW
	Verdict = PASS



Power Spectral Densit      \*RBW 3 kHz      Marker 1 [T1 ]  
 Ref 25 dBm      \*Att 40 dB      \*VBW 3 kHz      4.16 dBm  
 SWT 10 ms      1.924674573 GHz



Comment: Ansi C63.17-1998 6.1.5  
 Date: 5.JUL.2005 08:18:43

#### Measurement diagram

### FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5  
 UPCS

EUT	Kirk UPCS (Dect based) Base Station (RFP)
Model	RFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

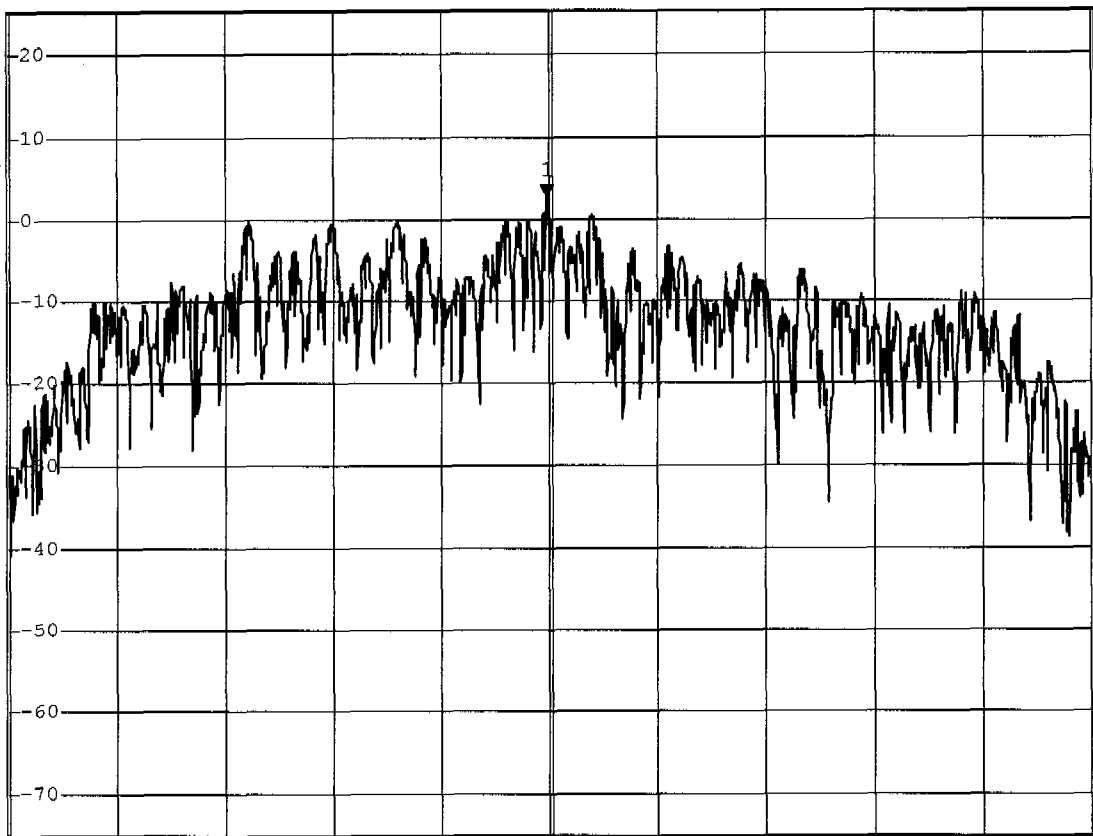
Test step 1 initial condition



Power Spectral Densit

\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 3 kHz      2.73 dBm  
 Ref 25 dBm      \*Att 40 dB      SWT 175 ms      1.928445132 GHz

1 PK  
 MAXH



Center 1.928448 GHz      143.4 kHz/      Span 1.434 MHz

Comment: Ansi C63.17-1998 6.1.5  
 Date: 5.JUL.2005 08:15:57

Measurement diagram



### FCC Part 15.319(d) Power spectral density

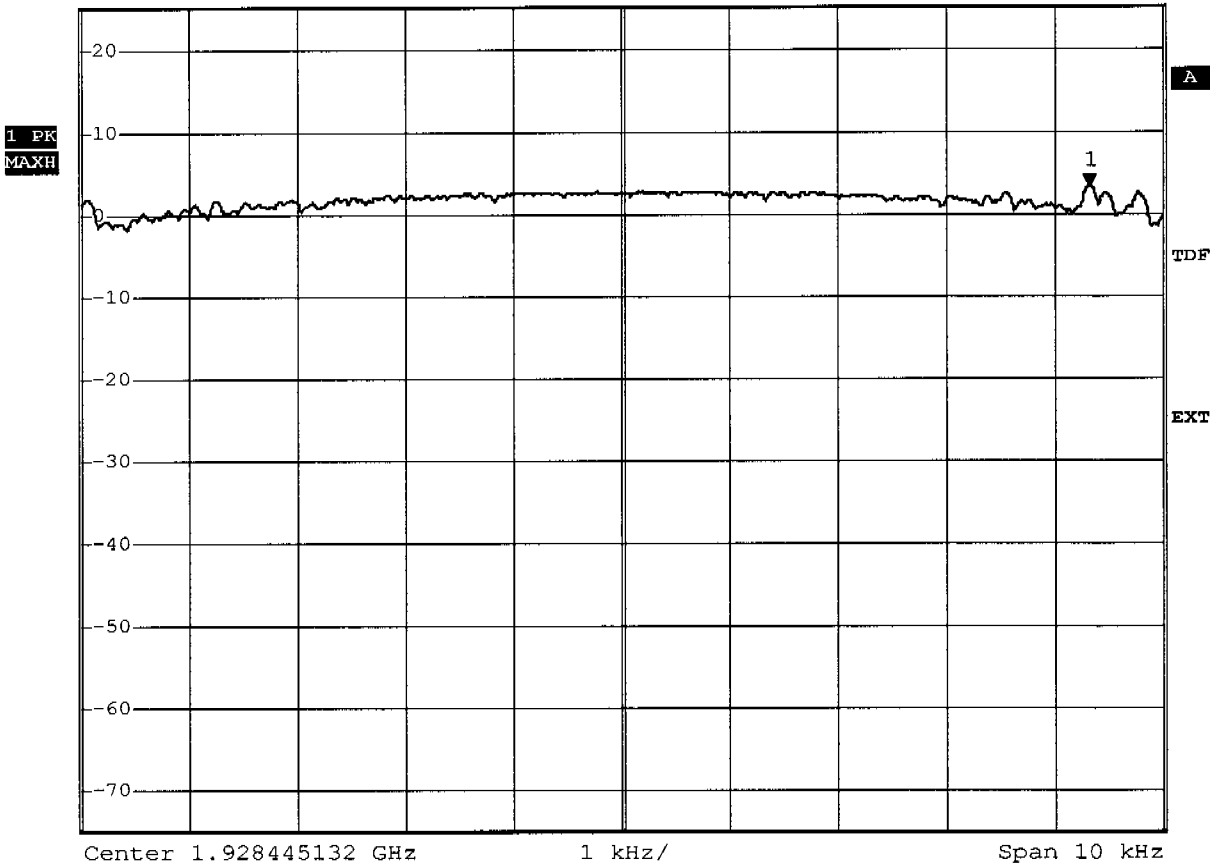
Test procedure ANSI 63.17-1998 6.1.5  
UPCS

EUT	Kirk UPCS (Dect based) Base Station (RFP)
Model	RFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Measured Maximum	3.448 dBm
Value in mW	2.212mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

\*RBW 3 kHz      Marker 1 [T1 ]      3.45 dBm  
 \*VBW 3 kHz  
 Ref 25 dBm      \*Att 40 dB      SWT 10 ms      1.928449457 GHz



Comment: Ansi C63.17-1998 6.1.5  
 Date: 5.JUL.2005 08:16:34

Measurement diagram



## Appendix I

Directional gain of the antenna

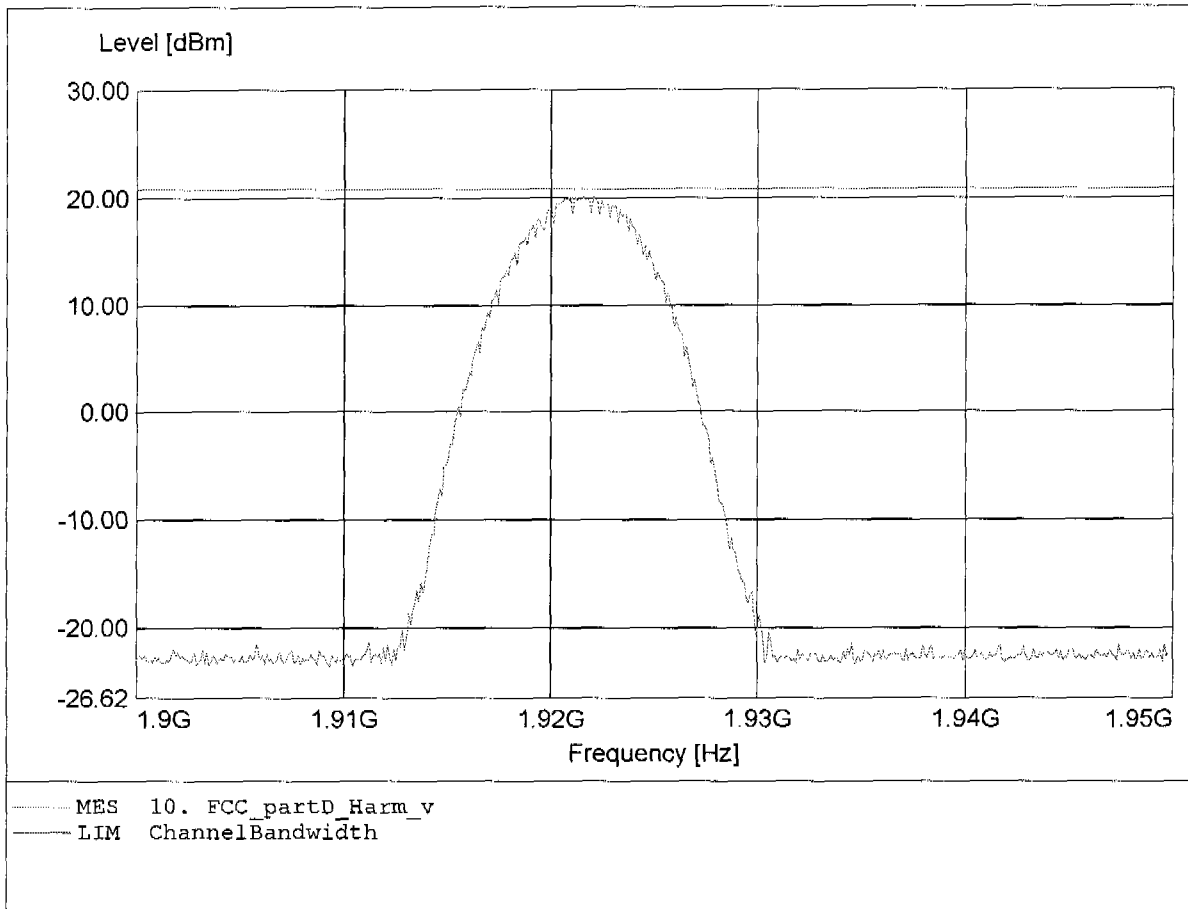


## Appendix J

Radio frequency radiation exposure

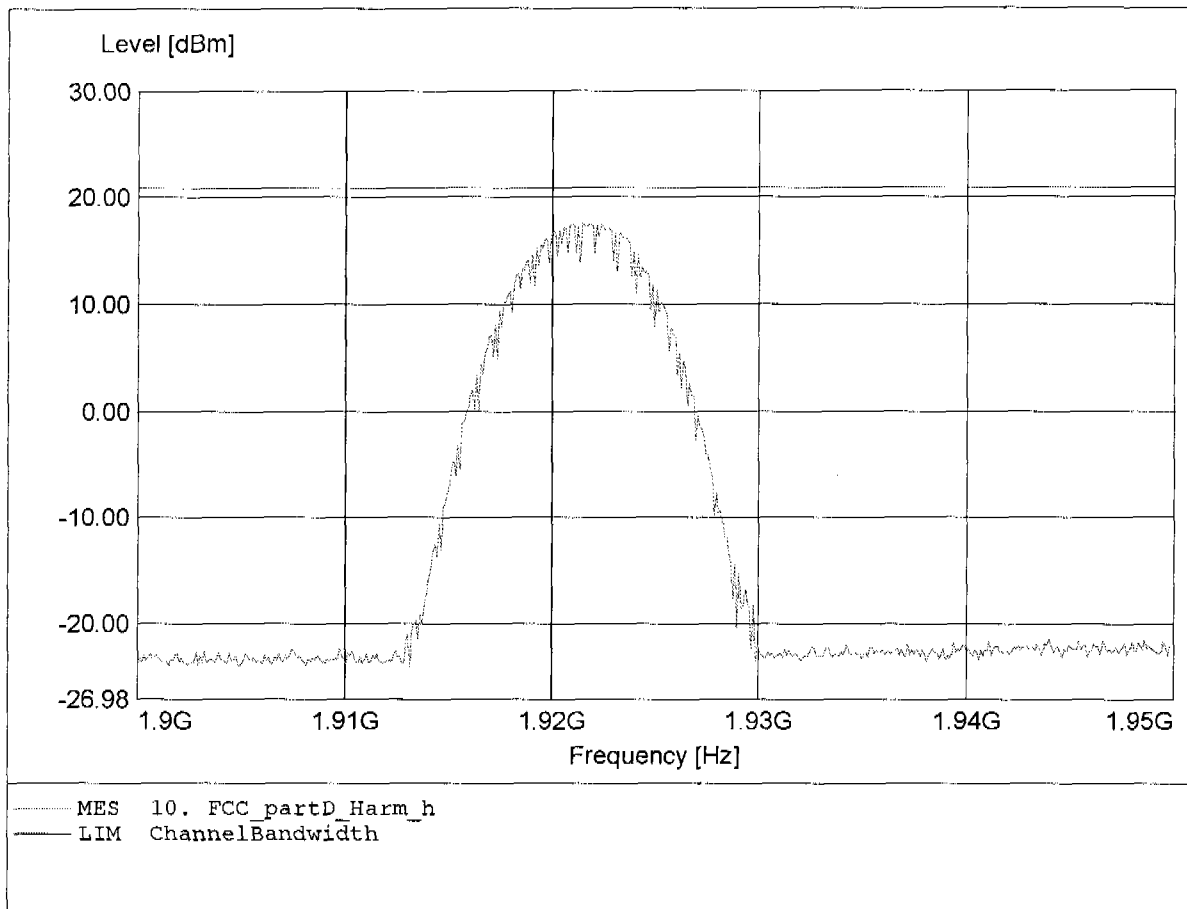
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 1 / 1921.536 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.921GHz Pmax:20.09dBm RBW: 5 MHz



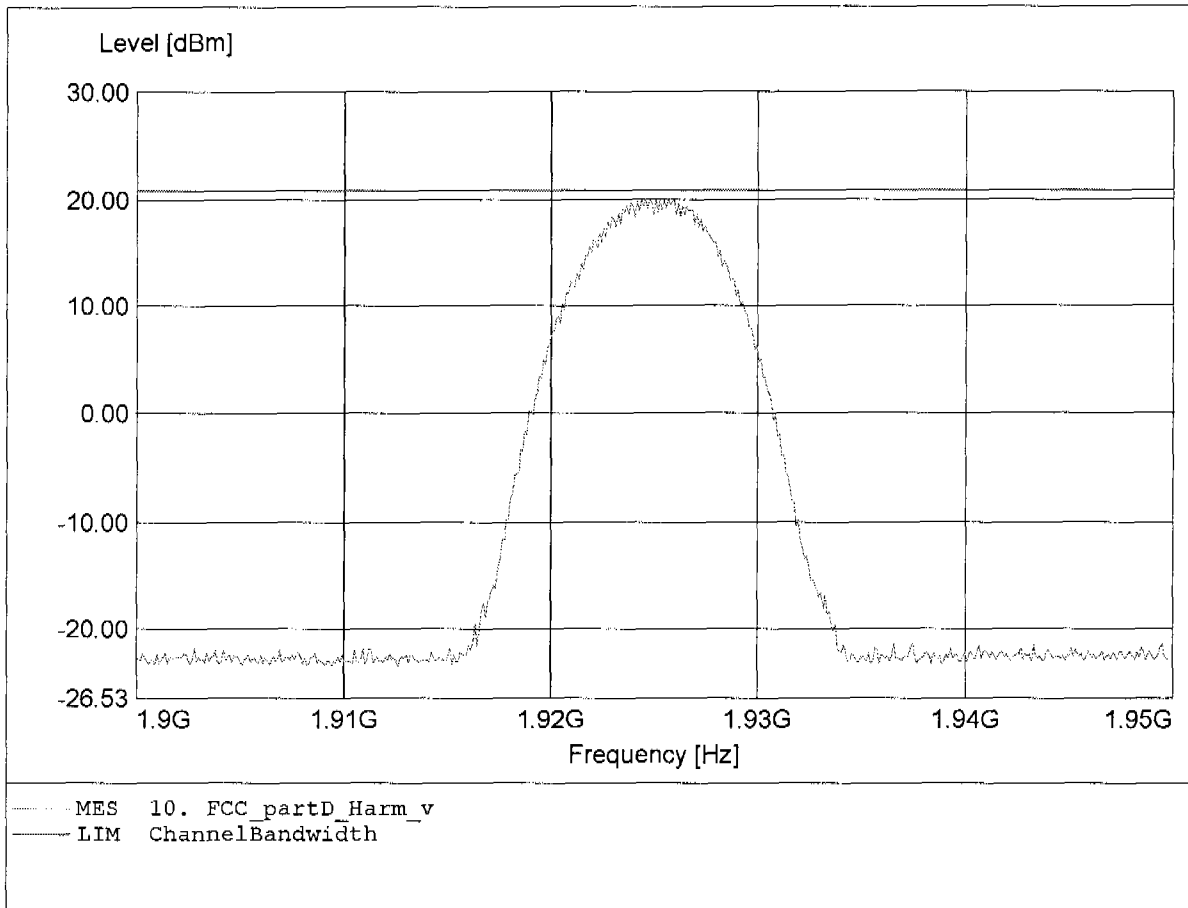
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 1 / 1921.536 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.922GHz Pmax:17.48dBm RBW: 5 MHz



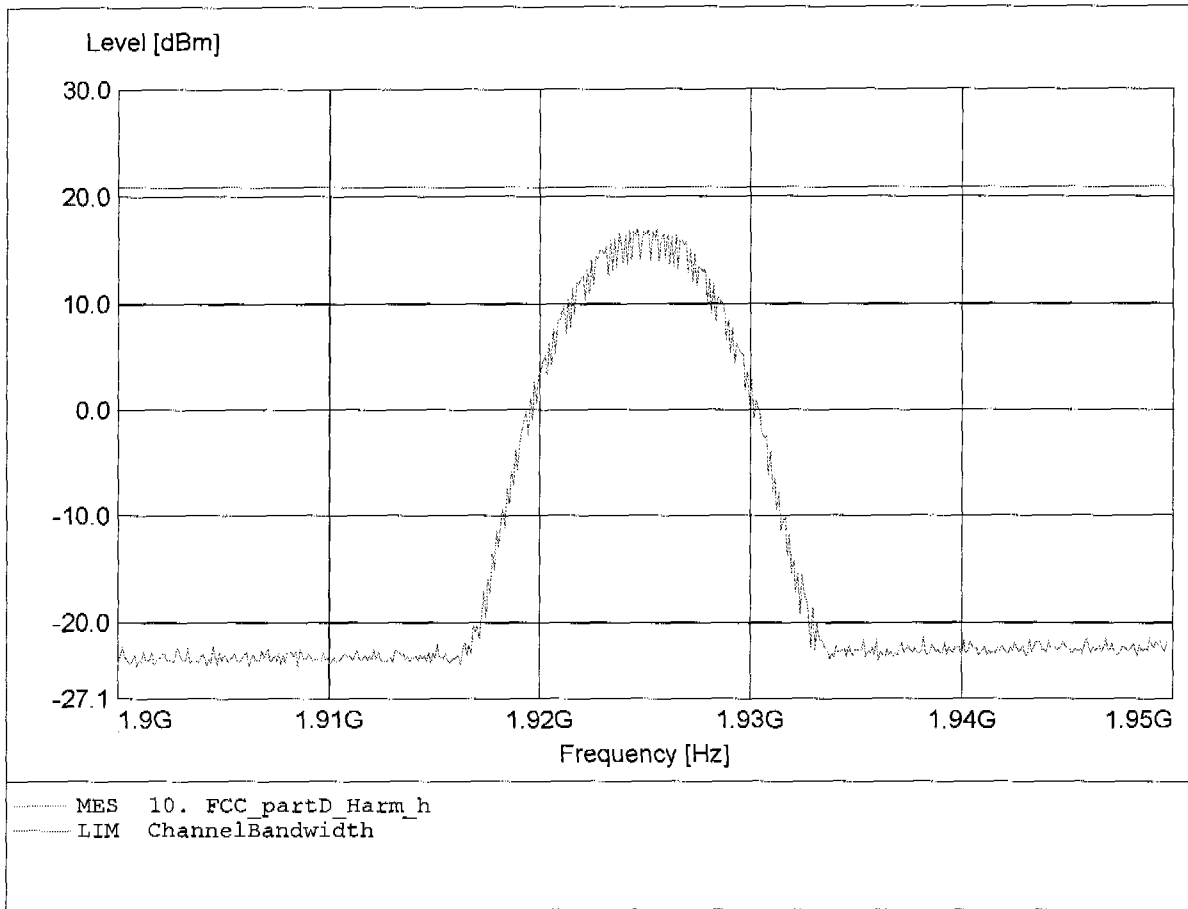
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 1 / 1924.992 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.925GHz Pmax:20.00dBm RBW: 5 MHz



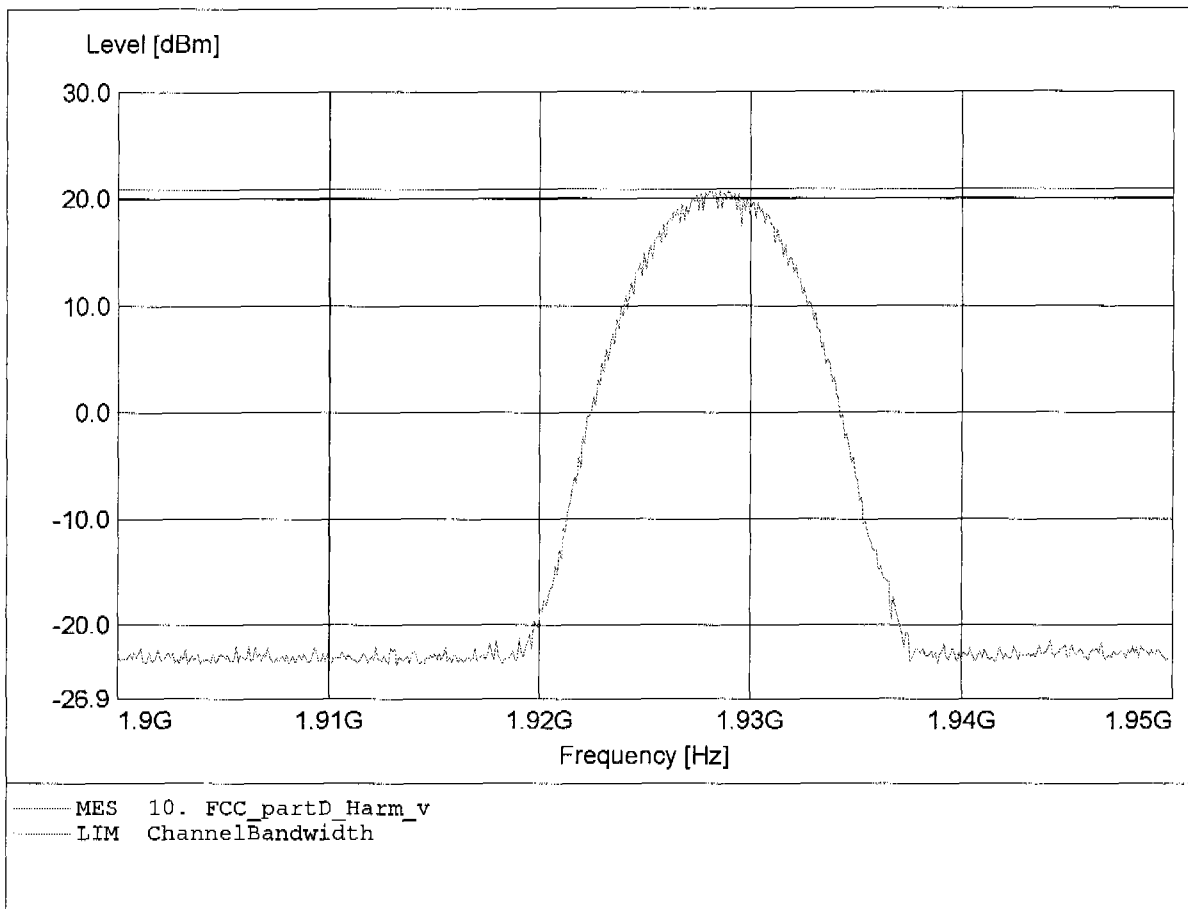
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 1 / 1924.992 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.926GHz Pmax:16.98dBm RBW: 5 MHz



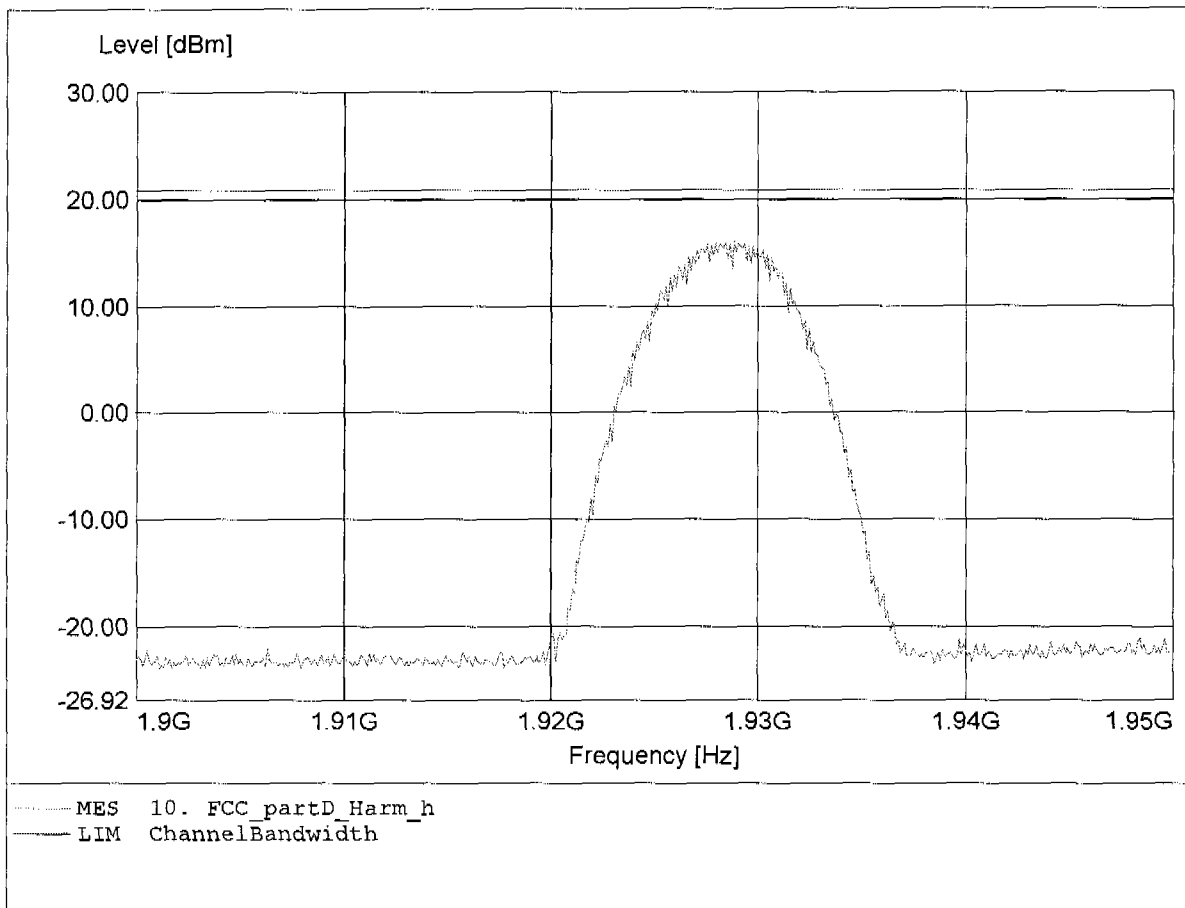
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 1 / 1928.448 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.928GHz Pmax:20.70dBm RBW: 5 MHz



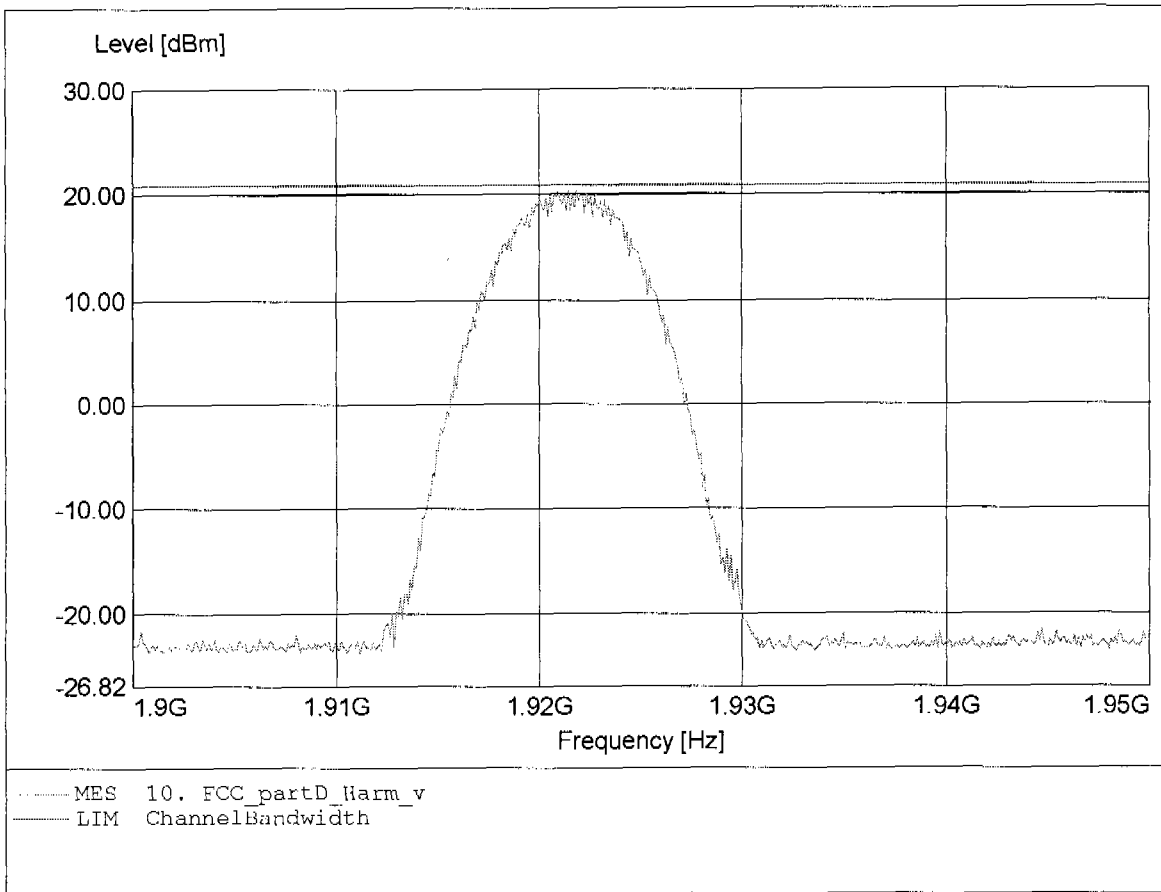
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 1 / 1928.448 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.929GHz Pmax:16.09dBm RBW: 5 MHz



**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

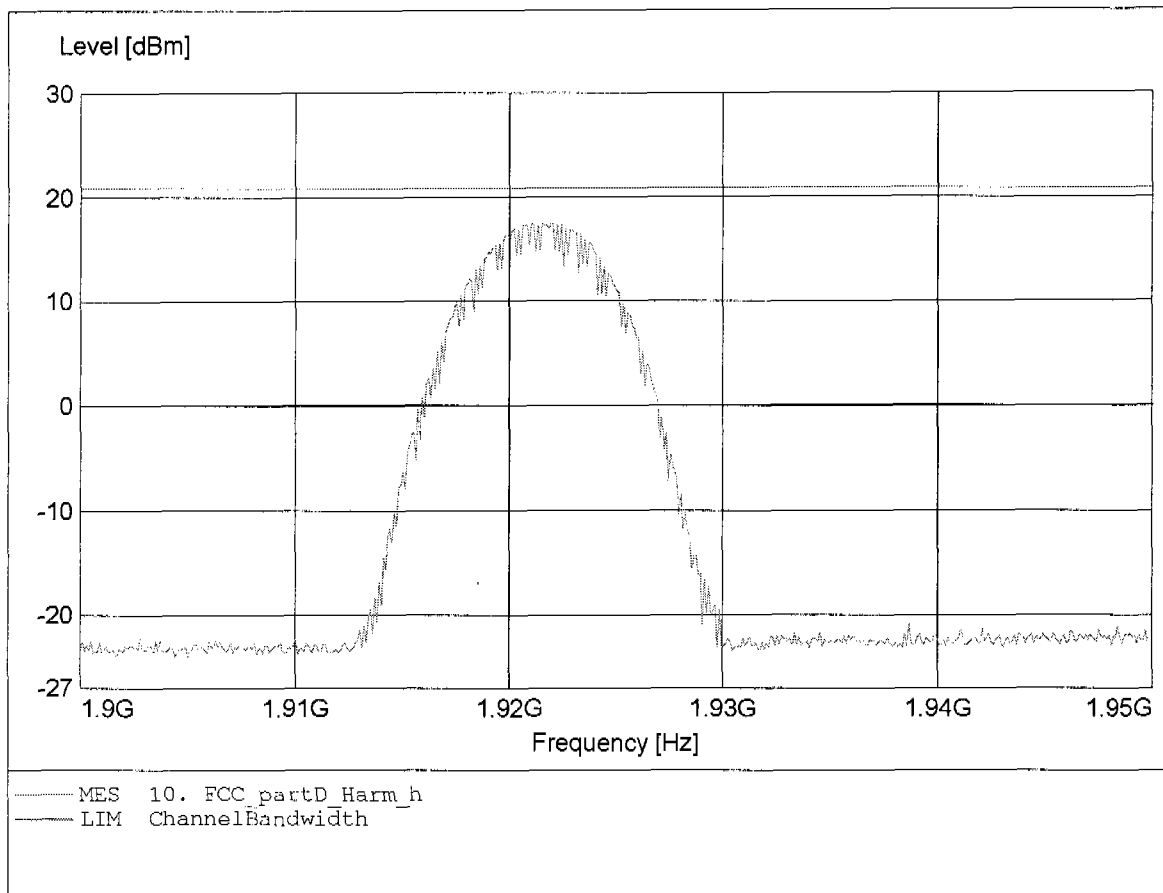
Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 2 / 1921.536 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.921GHz Pmax:20.29dBm RBW: 5 MHz





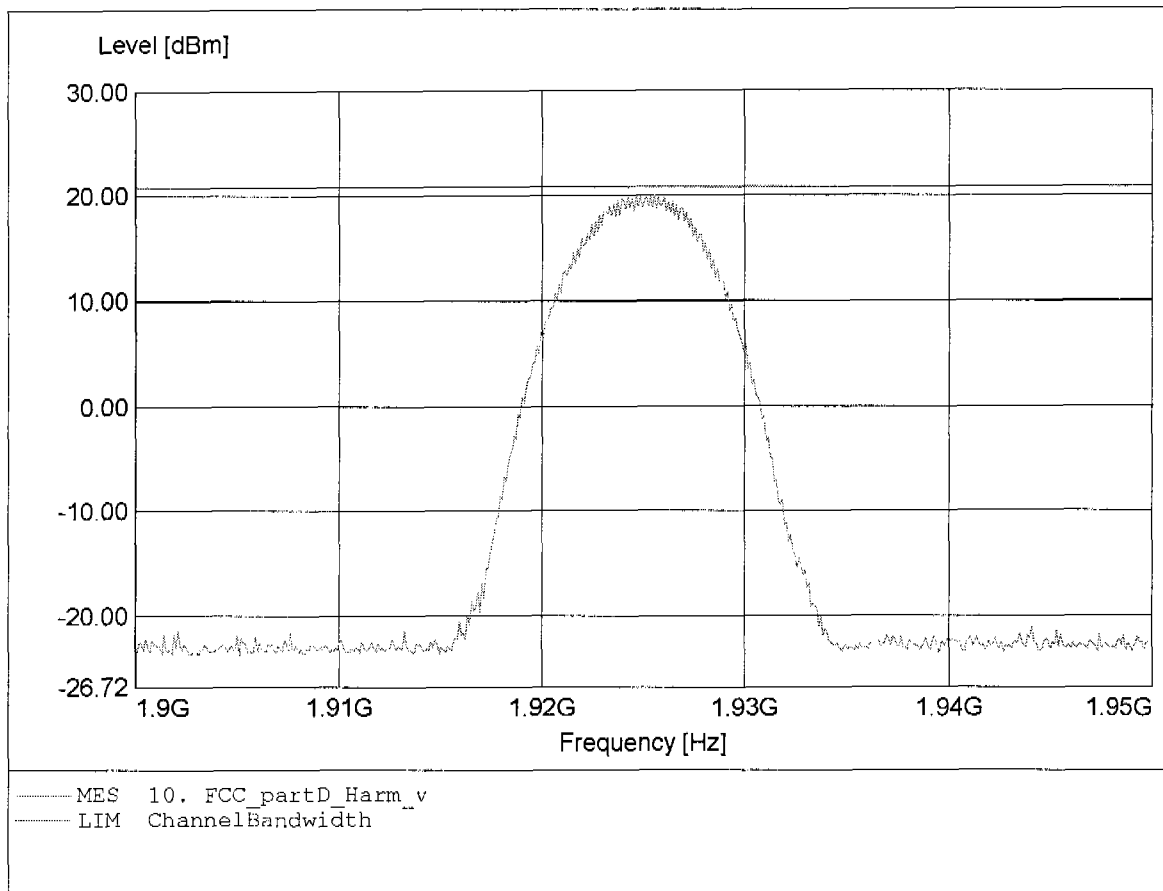
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 2 / 1921.536 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.922GHz Pmax:17.48dBm RBW: 5 MHz



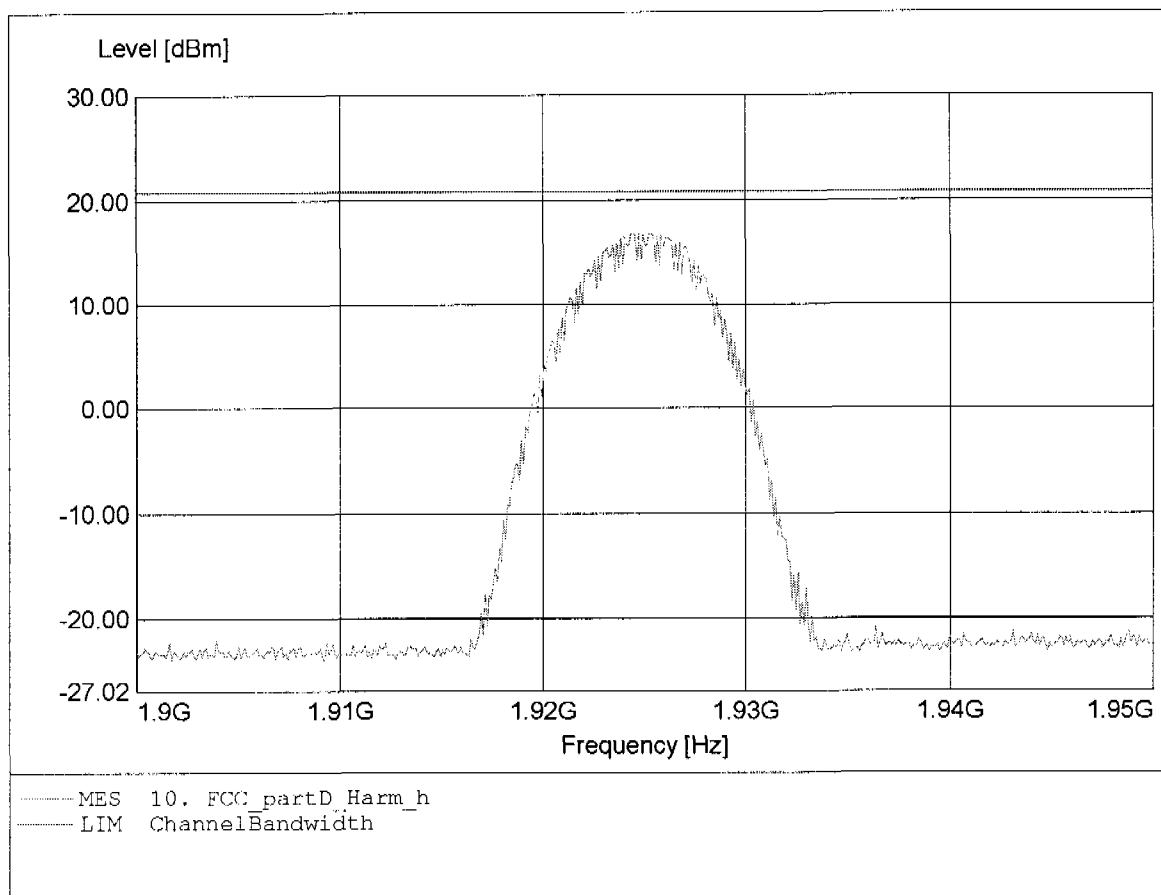
**Peak Transmit Power, Radiated  
FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 2 / 1924.992 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.925GHz Pmax:20.06dBm RBW: 5 MHz



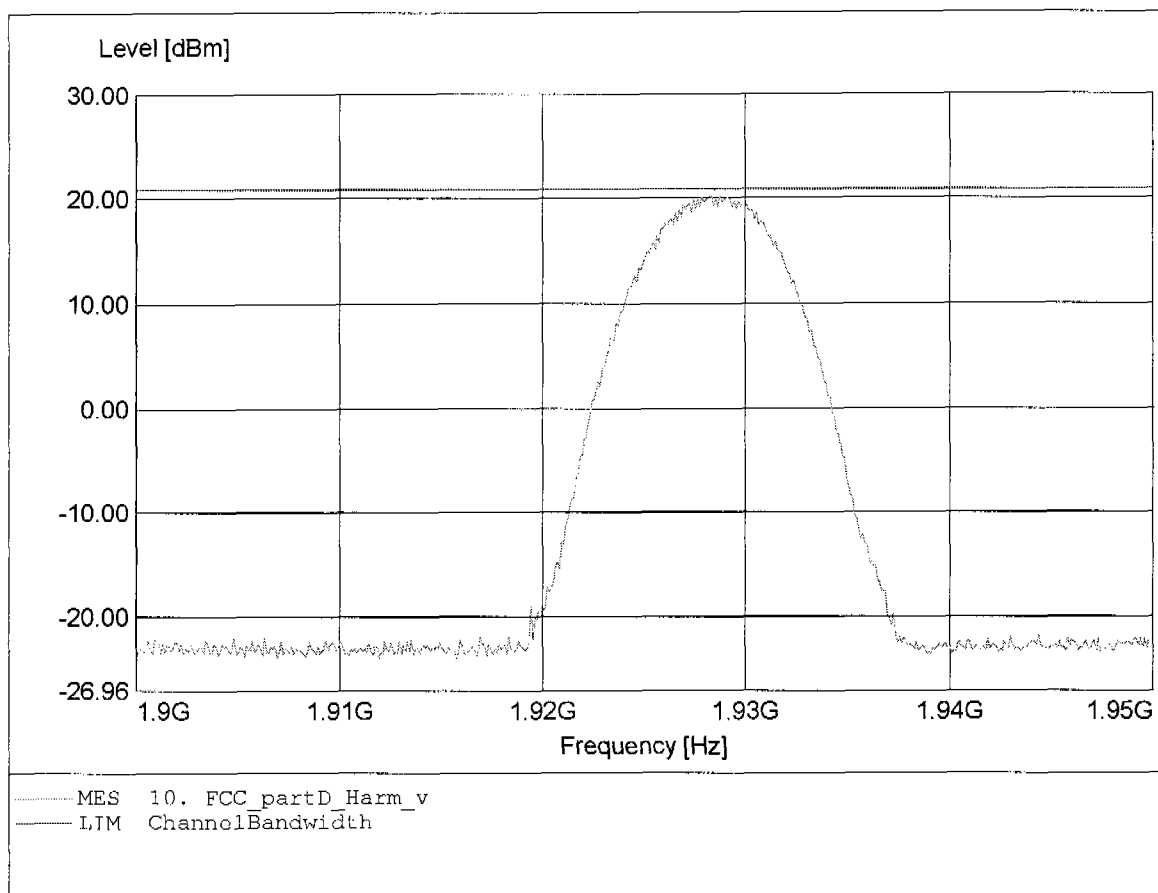
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 2 / 1924.992 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.925GHz Pmax:16.81dBm RBW: 5 MHz



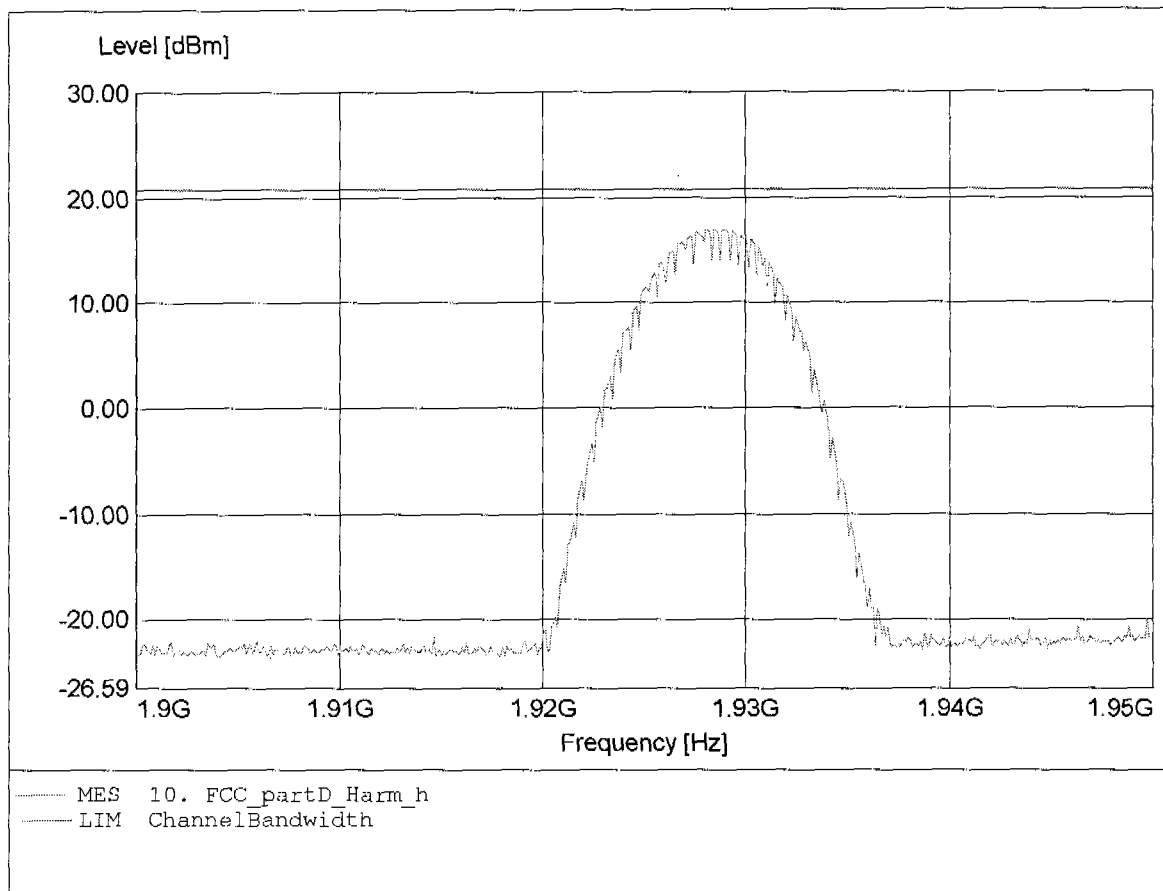
**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 2 / 1928.448 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.929GHz Pmax:20.11dBm RBW: 5 MHz



**Peak Transmit Power, Radiated**  
**FCC RULES PART 15, SUBPART D**

Applicant: Kirk telecom A/S  
EUT: 1,9 GHz Communication System (Fixed part)  
Model: RFP4 1G9 / Ant.: 2 / 1928.448 MHz  
Temperature/ Voltage: Temp.: 23°C, Unom.: 48.0 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,  
Comment 2: Freq:1.929GHz Pmax:16.97dBm RBW: 5 MHz





## Appendix K

Monitoring threshold

Test case

Rev. Draft 1.1 ANSI\_7.3.1.1.3\_upper\_theshold

Date 20.06.2005 14:54:35

Reference to the EUT

RFP4 1G9

Comment:

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:00:09.2187500	-52,2 -52,5	-52,2 -52,5	-52,1 -52,4	-52,2 -52,4	-52,1 -52,3	
00:00:28.7656250	-52,2 -52,5	-52,2 -52,5	-52,1 -52,4	-52,2 -52,4	-52 -52,3	
00:00:34.1406250	-53,2 -53,5	-53,1 -53,5	-53,1 -53,4	-53,2 -53,4	-53,1 -53,3	
00:00:49.3750000	-54,1 -54,4	-54,2 -54,5	-54 -54,4	-54,1 -54,4	-54 -54,3	
00:01:03.7968750	-54,1 -54,4	-54,1 -54,5	-54 -54,3	-54,1 -54,4	-54 -54,3	
00:01:08.1562500	-55,2 -55,5	-55,2 -55,5	-55 -55,3	-55 -55,4	-55,1 -55,4	
00:01:19.5937500	-55,2 -55,5	-55,2 -55,5	-55 -55,4	-55,1 -55,4	-55,1 -55,4	
00:01:24.5156250	-56,1 -56,5	-56 -56,5	-56 -56,4	-56,1 -56,5	-55,9 -56,4	
00:01:31.6406250	-56,1 -56,5	-56,1 -56,5	-56,1 -56,4	-56,1 -56,5	-56 -56,4	
00:01:36.3125000	-57,1 -57,5	-57,1 -57,5	-56,9 -57,4	-57,1 -57,5	-57 -57,4	
00:01:45.4062500	-58 -58,5	-58,1 -58,5	-57,9 -58,4	-58 -58,5	-57,9 -58,4	
00:01:53.5937500	-59 -59,5	-58,8 -59,5	-58,9 -59,4	-59 -59,5	-58,9 -59,4	
00:02:06.5000000	-59,7 -60,5	-59,9 -60,5	-59,8 -60,4	-59,8 -60,5	-59,8 -60,4	
00:02:26.5625000	-60,8 -61,5	-60,8 -61,4	-60,8 -61,4	-60,7 -61,4	-60,8 -61,4	
00:02:51.2656250	-61,7 -62,4	-61,7 -62,4	-61,7 -62,4	-61,7 -62,5	-61,7 -62,4	
00:03:08.1875000	-62,6 -63,4	-62,6 -63,4	-62,4 -63,4	-62,5 -63,4	-61,7 -62,4	
00:03:31.5625000	-63,5 -64,4	-63,3 -64,4	-63,3 -64,4	-63,5 -64,4	-63,5 -64,4	
00:03:53.4218750	-64,5 -65,5	-64,3 -65,5	-64,4 -65,4	-64,4 -65,5	-64,3 -65,5	

Log file

00:04:16.8281250	-65,3 -66,5	-65,3 -66,5	-65,4 -66,5	-65,3 -66,5	-65,3 -66,5	
00:05:18.5781250	-66 -67,5	-66 -67,5	-66,1 -67,4	-66,1 -67,5	-66,1 -67,4	
00:06:12.5312500	-59,7 -60,3	-60,1 -60,9	-60,7 -61,4	-61,5 -62,1	-62 -62,8	
00:06:50.7343750	-61,1 -61,8	-61 -61,9	-60,8 -62	-60,7 -62	-60,3 -62	
00:07:40.6250000	-61,7 -62,5	-61,9 -62,8	-62,3 -63	-62,5 -63,2	-62,3 -63,3	
00:08:15.4062500	-62,9 -63,7	-62,7 -63,9	-62,7 -64	-62,4 -64	-62,4 -64	
00:10:17.8281250	-17,7 -41,8	-37,5 -64,5	-64,3 -66	-56,5 -65,9	-62,5 -65,8	Upper threshold is -64dBm

---

Log file

---

ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH  
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN













## Appendix L

Monitoring of intended transmit window and maximum reaction time

Test case ANSI\_7.5\_reaction\_time\_low\_channel  
 Date 21.06.2005 11:33:40  
 Reference to the EUT RFP4 1G9  
 Comment: 7.5\_low\_ch\_35us

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:09:05.3281250	-70,2 -80	-69,8 -79,9	-70,7 -79,9	-70 -79,9	-70,4 -79,8	
00:09:06.3593750	-70,2 -79,9	-70,5 -79,9	-70,2 -79,9	-69,9 -79,9	-69,9 -79,8	
00:09:11.8906250	-49,3 -50,3	-59,6 -62,2	-59,9 -62,5	-59,9 -62,7	-60,3 -63	Interferers on
00:09:16.8593750	-49,3 -50,3	-59,6 -62,2	-59,8 -62,5	-60,1 -62,8	-60,3 -63	
00:09:53.6562500	-49,8 -50,8	-59,9 -62,6	-59,7 -62,7	-59,5 -62,8	-59,6 -62,7	
00:10:57.7187500	-49,9 -50,8	-59,6 -62,6	-59,4 -62,7	-60,1 -62,7	-59,5 -62,7	No connection

Log file

Test case                                   ANSI\_7.5\_reaction\_time\_low\_channel  
   Date 21.06.2005 11:28:34  
 Reference to the EUT                   RFP4 1G9  
 Comment:                                   7.5\_low\_ch\_50us

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:00:46.8437500	-70,8 -79,9	-70,7 -79,8	-70,2 -79,8	-69,9 -79,8	-70 -79,9	
00:00:47.7812500	-70,1 -79,8	-70 -79,8	-70,7 -79,8	-69,4 -80	-70,3 -79,8	
00:00:52.4062500	-54,6 -56,2	-59,6 -62,3	-59,8 -62,6	-59,5 -62,8	-60,3 -63	Interferers on
00:05:51.8281250	-55,3 -56,7	-59,9 -62,6	-59,9 -62,7	-59,9 -62,7	-59,4 -62,7	
00:05:52.5937500	-55,2 -56,7	-59,9 -62,6	-59,7 -62,7	-59,5 -62,7	-59,7 -62,7	No connection

Log file

Test case                                   ANSI\_7.5\_reaction\_time\_low\_ch  
 Date 22.06.2005 09:16:14  
 Reference to the EUT                   RFP4 1G9  
 Comment:                                   7.5\_low\_ch\_75us  
   synchron to slot end

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHZ	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:11:47.3437500	-69,5 -79,9	-69,7 -79,8	-69,7 -79,8	-69,5 -79,8	-70,9 -79,8	
00:11:48.7343750	-70,5 -79,8	-71,2 -79,9	-70 -79,8	-70,2 -80	-70,3 -79,8	
00:12:13.4218750	-45,6 -46,3	-57,4 -60	-58,1 -60,2	-58,4 -60,5	-58,3 -60,7	Interferer active
00:12:24.5156250	-46 -46,6	-58 -60,3	-58,4 -60,5	-58,6 -60,7	-58,4 -60,9	
00:15:03.7968750	-46,1 -46,9	-58,1 -60,4	-58,2 -60,5	-57,6 -60,5	-57,7 -60,5	No connection

---

Log file



Test case                                   ANSI 7.5\_reaction\_time\_low\_ch  
 Date 22.06.2005 09:11:24  
 Reference to the EUT                   RFP4 1G9  
 Comment:                                   7.5\_low\_ch\_75us  
   synchron to slot middle

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:07:53.4375000	-71 -79,9	-70,1 -79,8	-69,8 -79,7	-71,1 -80	-70,8 -79,9	
00:07:55.3281250	-69,6 -79,9	-70,9 -79,9	-69,3 -79,8	-69,6 -79,9	-70,8 -79,9	
00:08:04.2187500	-45,7 -46,4	-58 -60	-58,2 -60,2	-58,1 -60,5	-58,7 -60,8	Interferers active
00:08:21.5156250	-46 -46,6	-57,9 -60,2	-58,2 -60,5	-58,3 -60,7	-58,8 -60,9	
00:09:32.9375000	-46,2 -46,9	-58,1 -60,4	-57,8 -60,5	-57,8 -60,6	-57,8 -60,5	No connection

---

Log file

Test case                                   ANSI\_7.5\_reaction\_time\_low\_ch  
 Date 22.06.2005 09:06:12  
 Reference to the EUT                   RFP4 1G9  
 Comment:                                   7.5\_low\_ch\_75us  
   synchron to slot start

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:01:04.9218750	-70 -79,9	-70,7 -79,8	-70,9 -79,8	-70,3 -79,8	-70,7 -79,9	
00:01:06.7968750	-70,2 -79,8	-70,5 -79,8	-69,9 -79,9	-71 -79,9	-69,2 -79,9	
00:01:11.1875000	-45,8 -46,3	-58 -60,1	-58 -60,3	-58,2 -60,6	-58,6 -60,8	Interferers active
00:03:36	-46,2 -46,7	-58,2 -60,4	-58,2 -60,5	-57,4 -60,6	-57,8 -60,5	No connection

---

Log file



Test case ANSI\_7.5\_reaction\_time\_mid\_channel  
 Date 21.06.2005 11:41:33  
 Reference to the EUT RFP4 1G9  
 Comment: 7.5\_mid\_ch\_50us

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:13:19.0937500	-69,4 -79,9	-69,6 -79,8	-70,3 -79,8	-70 -79,9	-70 -79,9	
00:13:19.9531250	-70 -79,8	-71,1 -79,9	-69,8 -79,9	-70,1 -79,9	-69,9 -79,9	
00:13:29.7031250	-59,2 -62	-59,6 -62,3	-55,1 -56,6	-60,1 -62,7	-60,5 -63	Interferers on
00:13:34.0625000	-59,1 -62	-59,7 -62,3	-55,1 -56,6	-60,1 -62,7	-60,3 -62,9	
00:18:46.9218750	-60 -62,5	-59,8 -62,7	-54,7 -56,8	-59,6 -62,8	-59,9 -62,8	No connection

---

Log file





Test case ANSI\_7.5\_reaction\_time\_mid\_ch  
 Date 22.06.2005 10:13:38  
 Reference to the EUT RFP4 1G9  
 Comment: 7.5\_mid\_ch\_75us  
 synchron to slot start

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
01:07:15.1093750	-71,1 -81,5	-71,1 -81,5	-70,1 -81,5	-70,6 -81,5	-70,4 -81,6	
01:07:26.0468750	-59,2 -62,1	-55,9 -62,3	-46,6 -58,3	-55,8 -62,7	-60,1 -63,1	Interferers on
01:11:26.1406250	-59,9 -62,7	-56,6 -62,7	-46,9 -58,8	-56 -62,7	-59,6 -62,9	No connection

---

Log file

Test case                                   ANSI\_7.5\_reaction\_time\_high\_channel  
 Date 21.06.2005 11:06:32  
 Reference to the EUT                   RFP4 1G9  
 Comment:                                   7.5\_high\_ch\_35us

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:28:14.7656250	-70,1 -79,9	-69,9 -79,9	-70,7 -79,8	-70,6 -79,8	-70,4 -79,8	
00:28:15.7031250	-71,2 -79,8	-69,7 -79,8	-69,3 -79,8	-69,9 -79,8	-70,8 -79,8	
00:28:28.5781250	-59,4 -62	-59,6 -62,3	-59,8 -62,4	-60,4 -62,8	-50,2 -51,1	Interferers on
00:28:42.4687500	-59,7 -62,2	-60,2 -62,5	-60,2 -62,6	-60,4 -62,9	-50,3 -51,2	
00:30:09.3125000	-60 -62,5	-60 -62,6	-59,6 -62,6	-59,7 -62,7	-49,2 -50,7	No connection

---

Log file



Test case                                   ANSI\_7.5\_reaction\_time\_high\_channel  
 Date 21.06.2005 11:01:20  
 Reference to the EUT                   RFP4 1G9  
 Comment:                                   7.5\_high\_ch\_50us

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:23:31.5781250	-70,7 -79,9	-70,4 -79,7	-69,7 -79,8	-70,2 -79,9	-70,4 -79,9	
00:23:33.2968750	-70,8 -79,8	-69,5 -79,7	-70,1 -79,7	-68,8 -79,8	-70,2 -79,8	
00:23:37.8125000	-59,3 -62	-59,6 -62,3	-59,6 -62,4	-60,1 -62,8	-55,5 -57,1	Interferers on
00:24:12.3906250	-59,6 -62,5	-59,8 -62,6	-59,2 -62,6	-59,7 -62,7	-54,5 -56,8	
00:24:32.2343750	-59,5 -62,4	-59,6 -62,6	-59,5 -62,6	-59,5 -62,7	-54,5 -56,9	
00:24:42.1093750	-60 -62,5	-60,1 -62,6	-59,6 -62,6	-59,3 -62,7	-54,1 -56,8	No connection

---

Log file

---

ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH  
 Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

Test case ANSI\_7.5\_reaction\_time\_high\_ch  
 Date 22.06.2005 10:45:56  
 Reference to the EUT RFP4 1G9  
 Comment: 7.5\_high\_ch\_75us  
 synchron to slot end

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:04:04.6250000	-81,4 -91	-81,1 -90,7	-81,7 -91	-82,2 -91	-81,6 -91,1	
00:04:05.9687500	-81,1 -91,1	-82,6 -91	-81 -90,8	-80,3 -90,9	-81,7 -90,9	
00:04:13.5937500	-61,2 -62	-61,5 -62,3	-61,7 -62,5	-62 -62,7	-47 -47,2	Interferers on
00:06:16.3437500	-61,7 -62,5	-61,7 -62,7	-61,3 -62,7	-61,2 -62,8	-45,9 -46,9	No connection

Log file

Test case ANSI\_7.5\_reaction\_time\_high\_ch  
 Date 22.06.2005 10:40:59  
 Reference to the EUT RFP4 1G9  
 Comment: 7.5\_high\_ch\_75us  
 synchron to slot middle

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:00:07.1250000	-80,9 -90,9	-81,6 -90,9	-81,6 -90,9	-80,9 -90,9	-82,3 -91	
00:00:08.3281250	-81,3 -90,8	-81,8 -90,8	-81,6 -91,2	-82,1 -90,9	-81,9 -90,9	
00:00:23.8593750	-61,3 -62,1	-61,5 -62,4	-61,8 -62,5	-62,1 -62,8	-47,1 -47,2	Interferers on
00:02:07.7187500	-61,7 -62,5	-61,7 -62,7	-61,3 -62,7	-61,4 -62,8	-45,9 -46,9	No connection

---

Log file

Test case ANSI\_7.5\_reaction\_time\_high\_ch  
 Date 22.06.2005 10:29:08  
 Reference to the EUT RFP4 1G9  
 Comment: 7.5\_high\_ch\_75us  
 synchron to slot start

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
01:26:01.8125000	-71,4 -81,6	-71,1 -81,5	-71,3 -81,5	-71 -81,5	-70,9 -81,5	
01:26:04.3437500	-71,4 -81,6	-71,2 -81,4	-71,3 -81,5	-71,3 -81,5	-71,4 -81,6	
01:26:14.8281250	-59,5 -62,2	-59,3 -62,5	-59,8 -62,6	-56 -62,7	-47,2 -55,9	Interferers on
01:26:48.6562500	-59,8 -62,7	-59,4 -62,8	-59,3 -62,8	-55,6 -62,7	-46,2 -55,7	
01:28:03.7187500	-60 -62,7	-59,3 -62,8	-59,7 -62,8	-55,8 -62,7	-46,1 -55,7	No connection

Log file



## Appendix M

Monitoring band width

Test case Rev. Draft 1.1 ANSI\_7.4.1\_monitoring\_bandwidth  
 Date 21.06.2005 10:43:26  
 Reference to the EUT RFP4 1G9  
 Comment: 7.4.1\_low\_+30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:05:44.7812500	-81,6 -91,2	-80,7 -91	-81,6 -90,9	-82,3 -91,1	-81,9 -91	
00:05:45.7812500	-81,4 -90,9	-81,7 -90,7	-81,8 -91,1	-80,8 -90,9	-81,2 -90,8	
00:05:51.2187500	-80,6 -90,9	-61,4 -62,2	-61,7 -62,6	-62 -62,8	-62,2 -63	Interferers on
00:06:51.0781250	-81 -90,7	-61,4 -62,6	-61,3 -62,7	-61,3 -62,7	-61,1 -62,7	No connection

---

Log file

Test case Rev. Draft 1.1 ANSI\_7.4.1\_monitoring\_bandwidth  
 Date 21.06.2005 10:25:42  
 Reference to the EUT RFP4 1G9  
 Comment: 7.4.lt\_low\_-30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:00:10.9062500	-80,5 -90,8	-82,1 -91	-80,6 -90,9	-82 -90,8	-80,7 -90,9	
00:00:13.5156250	-81,7 -90,9	-80,2 -90,9	-81,6 -91	-81,5 -90,7	-82,1 -91,1	
00:00:24.0468750	-82,4 -90,9	-61,5 -62,2	-61,7 -62,5	-62 -62,8	-62,3 -63	Interferers on
00:01:23.7031250	-82,1 -90,9	-61,4 -62,6	-61,3 -62,7	-61,2 -62,7	-60,9 -62,7	
00:01:36.8750000	-81,6 -90,9	-61,5 -62,6	-61,5 -62,7	-61,2 -62,7	-61,2 -62,7	No connection

---

Log file

---

Test case Rev. Draft 1.1 ANSL\_7.4.1\_monitoring\_bandwidth  
 Date 21.06.2005 10:47:00  
 Reference to the EUT RFP4 1G9  
 Comment: 7.4.1\_mid\_+30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:09:19.7656250	-81,7 -90,9	-80,5 -91	-80,2 -91	-82,4 -90,8	-82,4 -90,9	
00:09:21.0625000	-81,6 -90,8	-81,5 -90,8	-81,1 -90,9	-81,7 -90,8	-81 -90,8	
00:09:28.3437500	-61,4 -63,4	-61,5 -62,3	-81,1 -91	-62 -62,8	-62,1 -63	Interferers on
00:10:25.2656250	-61,8 -63,9	-61,6 -62,7	-80,5 -90,9	-61,1 -62,7	-61,2 -62,7	No connection

---

Log file



Test case Rev. Draft 1.1 ANSI\_7.4.1\_monitoring\_bandwidth  
 Date 21.06.2005 10:38:25  
 Reference to the EUT RFP4 1G9  
 Comment: 7.4.1\_mid\_-30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:01:14.4531250	-80,8 -91	-81 -90,8	-82,2 -91	-81,8 -91,1	-82 -90,9	
00:01:15.2031250	-81,3 -90,8	-80,2 -91	-81,8 -90,9	-81,6 -90,8	-82 -91	
00:01:21.6406250	-61,3 -62	-61,6 -62,3	-81,8 -90,9	-61,8 -62,8	-62,2 -63	Interferers on
00:02:15.8593750	-61,7 -62,5	-61,5 -62,7	-81,4 -90,9	-61,3 -62,7	-61,2 -62,7	No connection

---

Log file

Test case Rev. Draft 1.1 ANSI\_7.4.1\_monitoring\_bandwidth  
 Date 21.06.2005 10:56:01  
 Reference to the EUT RFP4 1G9  
 Comment: 7.4.1\_high\_+30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:18:11.5937500	-81,8 -91,1	-80,9 -90,8	-81,6 -90,8	-81,4 -90,9	-80,5 -91,2	
00:18:13.7343750	-81,8 -90,9	-82,1 -91	-80,3 -90,7	-82,1 -90,9	-80,9 -91,1	
00:18:17.7187500	-61,3 -62	-61,5 -62,3	-61,6 -62,4	-61,9 -62,8	-80,8 -90,8	Interferers on
00:19:01.9375000	-61,7 -62,5	-61,5 -62,7	-61,3 -62,6	-61,3 -62,8	-81,6 -90,9	
00:19:11.2968750	-61,8 -62,5	-61,6 -62,7	-61,3 -62,7	-61,3 -62,7	-80,7 -90,9	
00:19:34.8125000	-61,6 -62,5	-61,6 -62,7	-61,3 -62,6	-61,2 -62,7	-81,9 -90,8	
00:19:54.7812500	-61,7 -62,5	-61,6 -62,7	-61,3 -62,7	-61,3 -62,7	-81,9 -90,9	No connection

Log file

Test case Rev. Draft 1.1 ANSI\_7.4.1\_monitoring\_bandwidth  
 Date 21.06.2005 10:49:44  
 Reference to the EUT RFP4 1G9  
 Comment: 7.4.1\_high\_-30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:12:28.3437500	-81,4 -91	-81,6 -90,9	-80,5 -90,7	-81,3 -90,8	-81,8 -90,9	
00:12:29.1562500	-80,9 -90,9	-81,5 -90,8	-81,1 -90,7	-80,7 -90,9	-81,1 -91,1	
00:12:36.0468750	-61,2 -62	-61,6 -62,3	-61,5 -62,5	-61,7 -62,8	-82,3 -91	Interferers on
00:13:27.5781250	-61,7 -62,5	-61,6 -62,7	-61,3 -62,6	-61,3 -62,8	-81,5 -91	No connection

---

Log file



## Appendix N

Random waiting interval