

Appendix R

Emissions inside and outside the sub-band



FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1 UPCS

EUT

Basestation supporting Dual band DECT for Europe and United States / Canada

Model

B706D Dual Band

Applicant

NEC Philips Unified Solutions

Temperature

23°C

Test Site / Operator

ETS Reichenwalde

Test Specification

6.1.6.1 In-band unwanted emission

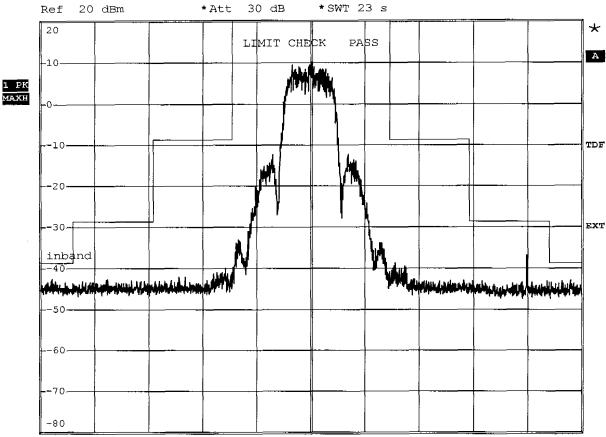
2.29MHz



In-band unwanted emis

*RBW 10 kHz

* VBW 30 kHz



Center 1.921536 GHz

1.3 MHz/

Span 13 MHz

Comment: Ansi C63.17-1998 6.1.6.1 Date: 26.MAR.2007 11:01:54



FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1 **UPCS**

EUT

Basestation supporting Dual band DECT for Europe and United States / Canada

Model

B706D Dual Band

Applicant

NEC Philips Unified Solutions

Temperature

23°C

Test Site / Operator

ETS Reichenwalde

Test Specification

6.1.6.1 In-band unwanted emission

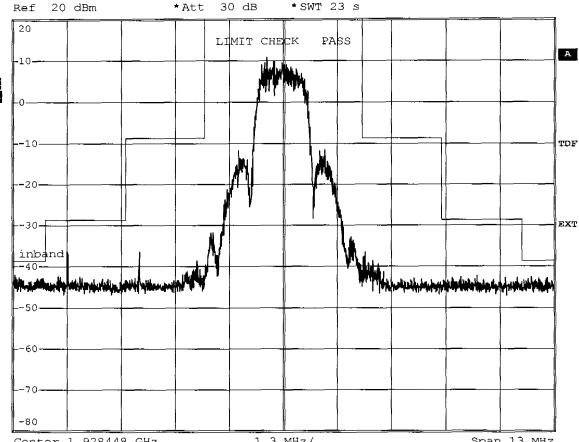
2.29MHz



In-band unwanted emis

*RBW 10 kHz

*VBW 30 kHz



Center 1.928448 GHz

1.3 MHz/

Span 13 MHz

Comment: Ansi C63.17-1998 6.1.6.1 26.MAR.2007 10:53:50 Date:

Measurement diagram



FCC Part 15.323(d.1) Out-of-band emission

Testprocedure ANSI 63.17-1998 6.1.6.2 UPCS

EUT

Basestation supporting Dual band DECT for Europe and United States / Canada

Model

B706D Dual Band

Applicant

NEC Philips Unified Solutions

Temperature

23°C

Test Site / Operator

ETS Reichenwalde

Test Specification

6.1.6.2 Out-of-band emission

measurement on the lowest carrier

Carrier=1921.536MHz



1 PK MAXH Out-of-band emission

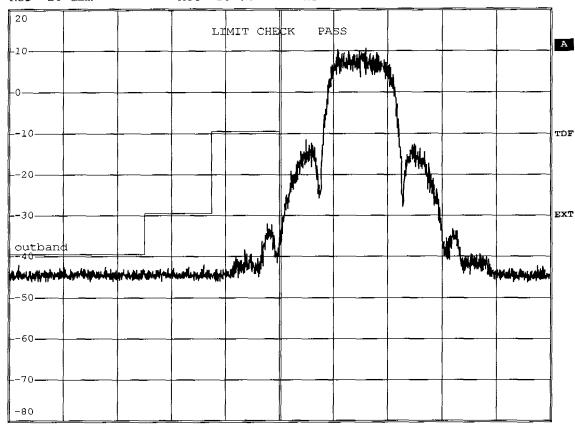
*RBW 10 kHz

*VBW 30 kHz

Ref 20 dBm

*Att 30 dB

*SWT 23 s



Center 1.92 GHz

1 MHz/

Span 10 MHz

Comment: Ansi C63.17-1998 6.1.6.2 Date: 26.MAR.2007 10:37:53



FCC Part 15.323(d.1) Out-of-band emission

Testprocedure ANSI 63.17-1998 6.1.6.2 **UPCS**

EUT

Basestation supporting Dual band DECT for Europe and United States / Canada

Model

B706D Dual Band

Applicant

NEC Philips Unified Solutions

Temperature

23°C

Test Site / Operator Test Specification

ETS Reichenwalde

6.1.6.2 Out-of-band emission

measurement on the highest carrier

Carrier=1928.448MHz

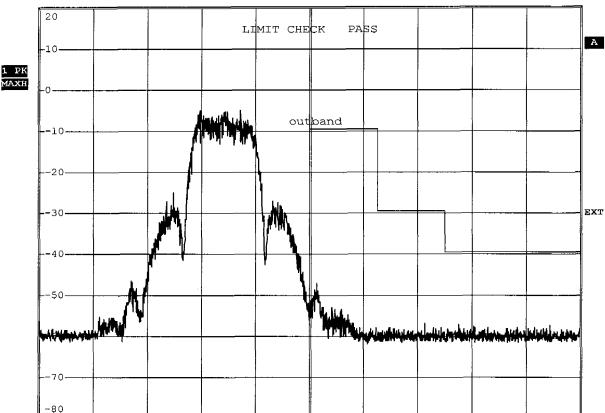


Out-of-band emission

*RBW 10 kHz

*VBW 30 kHz

Ref 20 dBm * Att 30 dB *SWT 23 s



Comment: Ansi C63.17-1998 6.1.6.2 26.MAR.2007 10:42:07

Center 1.93 GHz

Date:

Measurement diagram

1 MHz/

Span 10 MHz



FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1 UPCS

EUT Model Basestation supporting Dual band DECT for Europe and United States / Canada

B706D Dual Band

Applicant

NEC Philips Unified Solutions

Temperature

23°C

Test Site / Operator Test Specification ETS Reichenwalde

6.1.6.1 In-band unwanted emission

2.29MHz



In-band unwanted emis

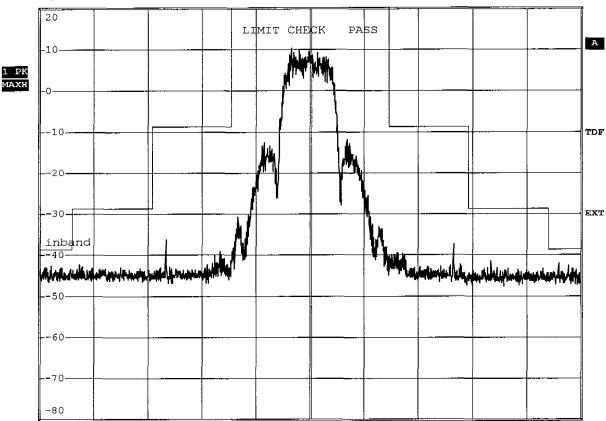
*RBW 10 kHz

*VBW 30 kHz

Ref 20 dBm

*Att 30 dB

*SWT 23 s



Comment: Ansi C63.17-1998 6.1.6.1 Date: 26.MAR.2007 10:59:50

Center 1.924992 GHz

Measurement diagram

1.3 MHz/

Span 13 MHz

FCC RULES PART 15, SUBPART D

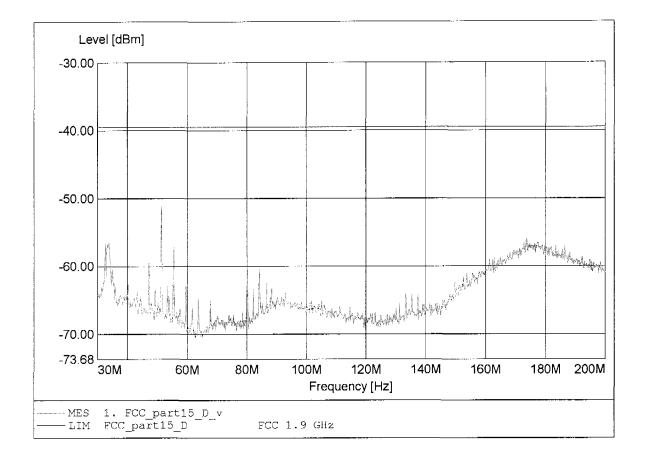
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 4 / antenna 0 EUT : Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 3m, Ant.: HK 116,

Freq:51.344MHz Pmax:-51.13dBm RBW: 100 kHz Comment 2:



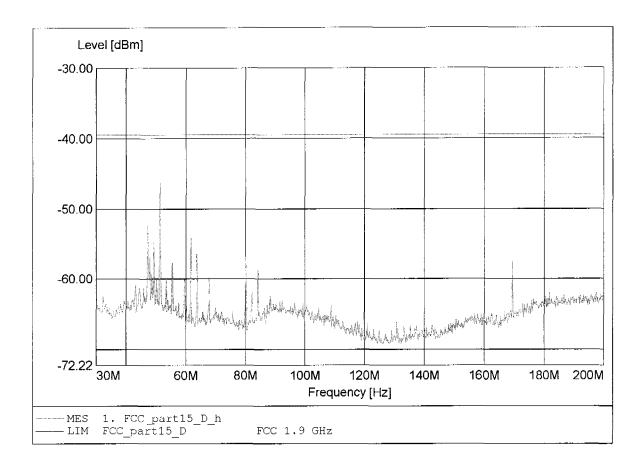
FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 4 / antenna 0 EUT : Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 3m, Ant.: HK 116, Comment 1:

Freq:51.344MHz Pmax:-46.24dBm RBW: 100 kHz Comment 2:

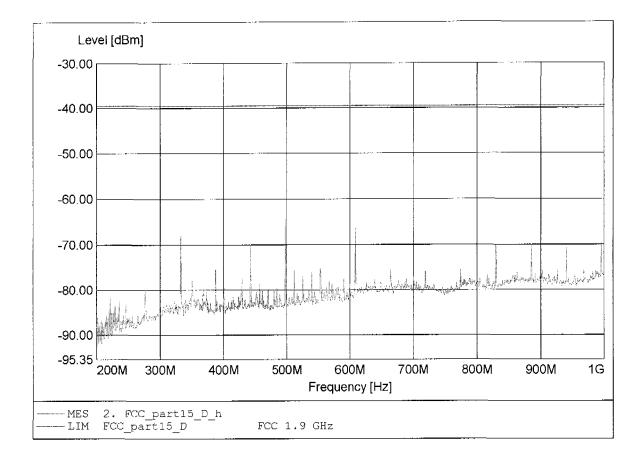


FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 4 / antenna 0 EUT : Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 3m, Ant.: HL 223, ampl. Freq:497.778MHz Pmax:-64.46dBm RBW: 100 kHz Comment 1: Comment 2:



FCC RULES PART 15, SUBPART D

Approval Holder:

NEC PHILIPS Unified Solutions Nederland B.V.
PBX supporting dual band FP / TX V 2.0
B706D Dual Band / FP / Ch: 4 / antenna 0

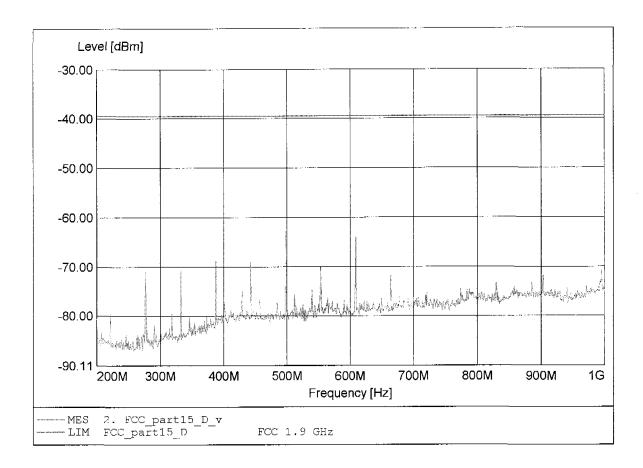
EUT : Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL 223, ampl. Freq:497.778MHz Pmax:-62.55dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

 $_{\mathrm{FP}}$ PBX supporting dual band

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 0

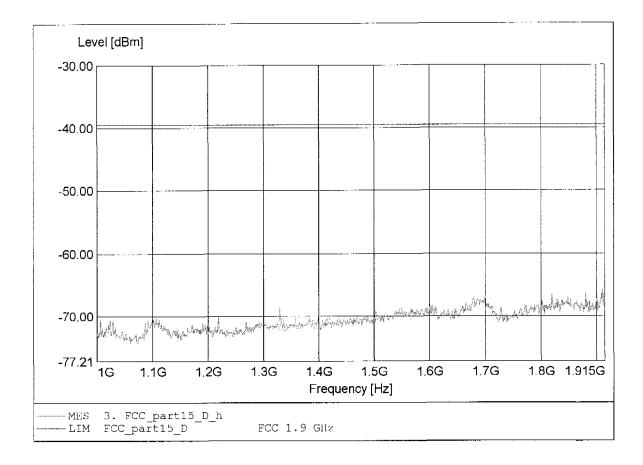
(powered by PBX)

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (power
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Comment 2:

Dist.: lm, Ant.: HL 025, ampl. Freq:1.911GHz Pmax:-65.76dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

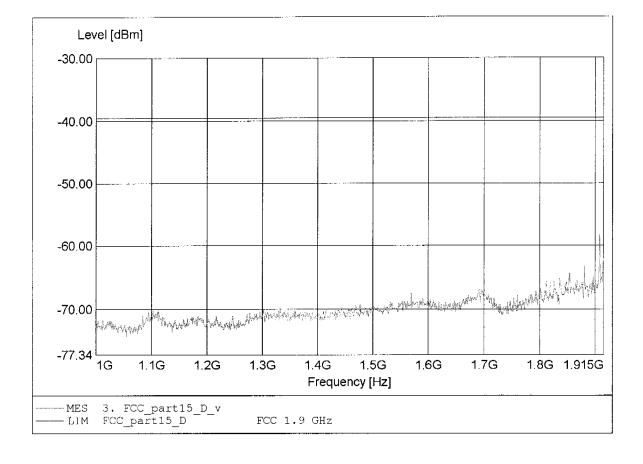
EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 1m, Ant.: HL 025, ampl.

Freq:1.908GHz Pmax:-58.31dBm RBW: 100 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band \mathbf{FP}

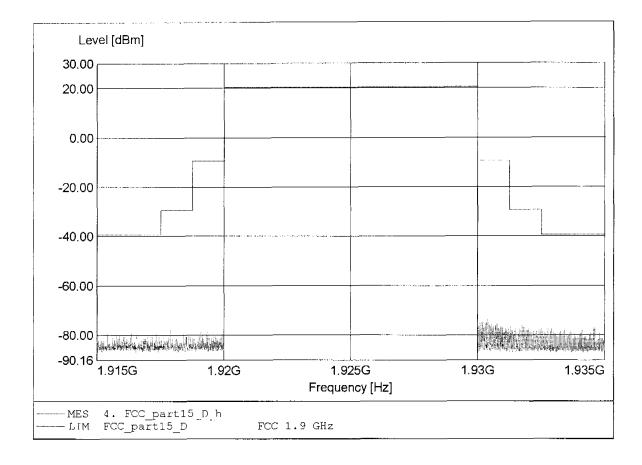
EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 0

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: lm, Ant.: HL 025, ampl. Freq:1.930GHz Pmax:-73.61dBm RBW: 10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

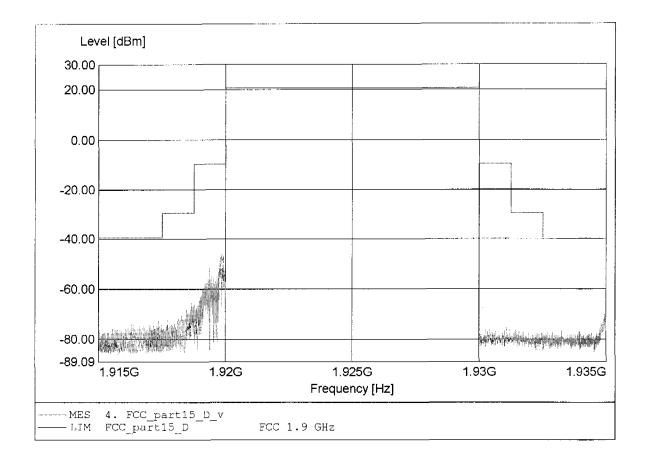
PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist: 1m, Ant.: HL 025, ampl. Comment 1:

Freq:1.920GHz Pmax:-46.27dBm RBW: 10 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 0

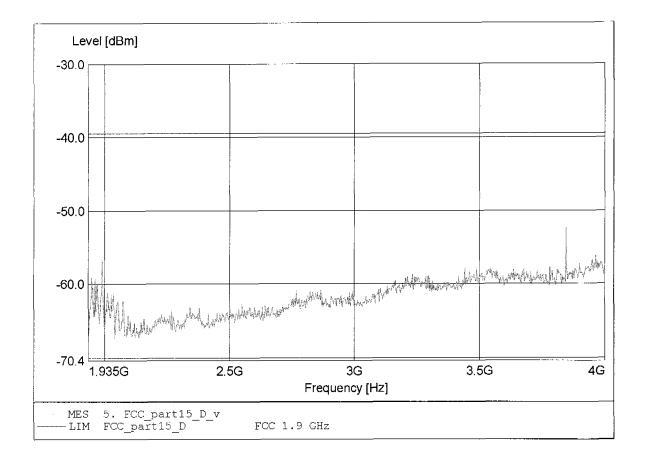
Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Comment 2: Freq:3.844GHz Pmax:-52.34dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

Approval Holder: NEC PHILIPS Unified Solutions Nederland B.V.

PBX supporting dual band FP EUT

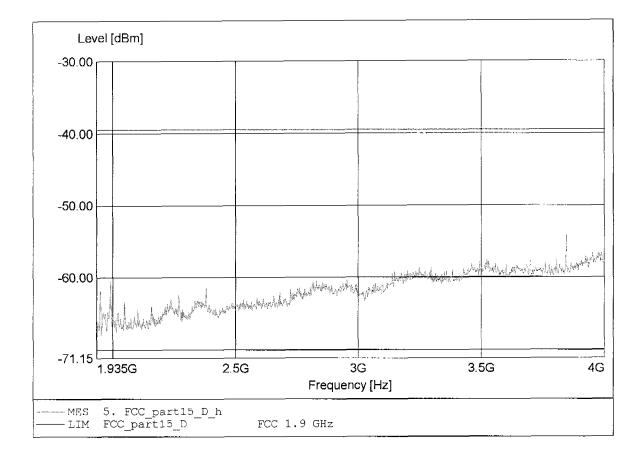
B706D Dual Band / FP / Ch: 4 / antenna 0 Model:

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:3.844GHz Pmax:-54.07dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 0 / antenna 0 EUT :

Model:

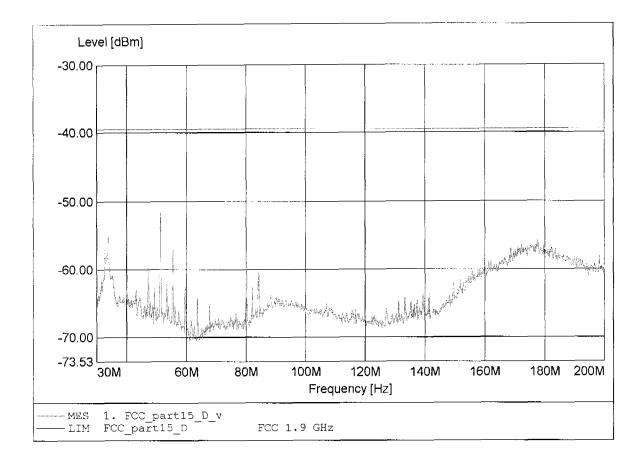
Operator:

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 3m, Ant.: HK 116,

Comment 2: Freq:51.344MHz Pmax:-51.53dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

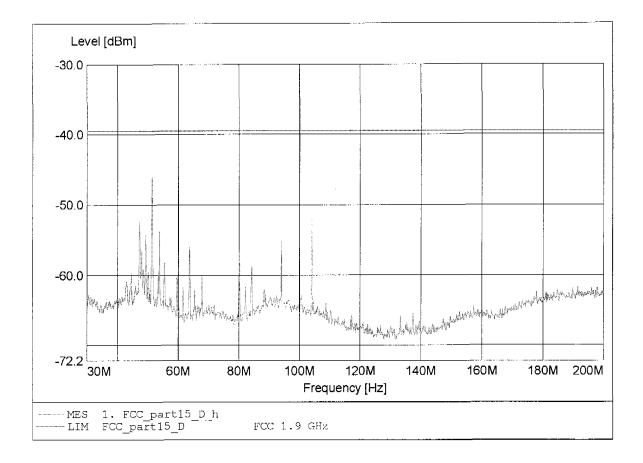
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: EUT : Model:

PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 0 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 3m, Ant.: HK 116, Freq:51.344MHz Pmax:-46.12dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

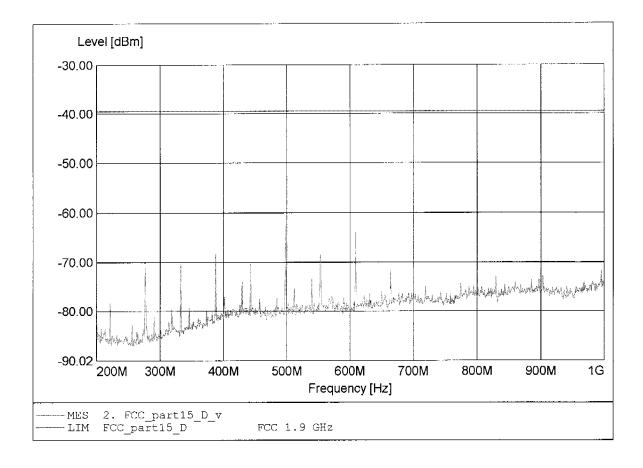
NEC PHILIPS Unified Solutions Nederland B.V.
PBX supporting dual band FP / TX V 2.0
B706D Dual Band / FP / Ch: 0 / antenna 0 Approval Holder: EUT : Model:

Operator:

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 3m, Ant.: HL 223, ampl. Freq:497.778MHz Pmax:-62.72dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

Approval Holder:

NEC PHILIPS Unified Solutions Nederland B.V. PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 0 / antenna 0

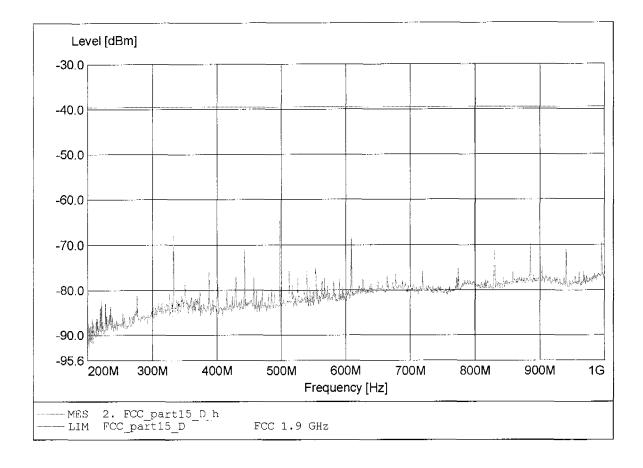
EUT :

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL 223, ampl. Freq:497.778MHz Pmax:-64.74dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP EUT :

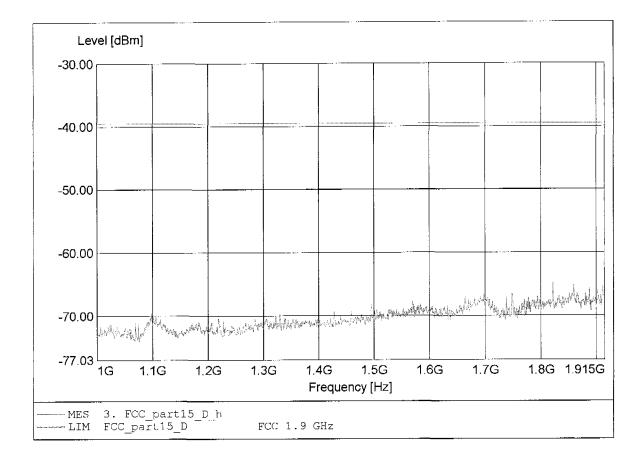
Model: Ch: 0 / antenna 0 B706D Dual Band / FP /

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 1m, Ant.: HL 025, ampl.

Freq:1.915GHz Pmax:-59.00dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band $_{\mathrm{FP}}$

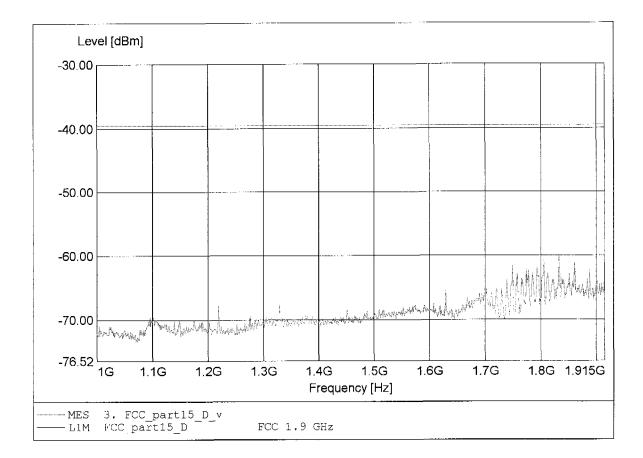
EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 0

(powered by PBX)

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (power
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Comment 2:

Dist.: 1m, Ant.: HL 025, ampl. Freq:1.915GHz Pmax:-57.70dBm RBW: 100 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

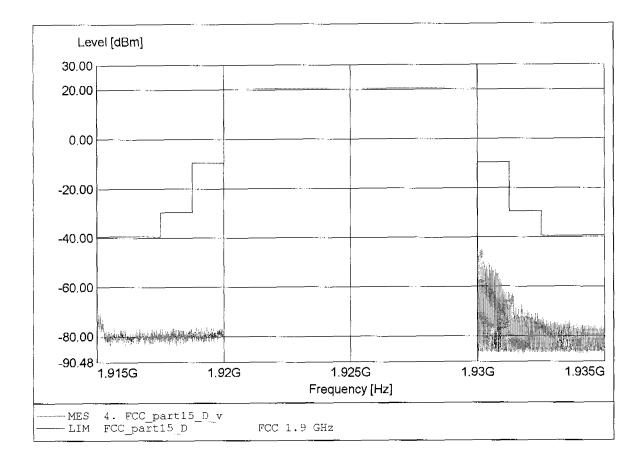
PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 1m, Ant.: HL 025, ampl. Comment 1:

Freq:1.930GHz Pmax:-44.45dBm RBW: 10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 0

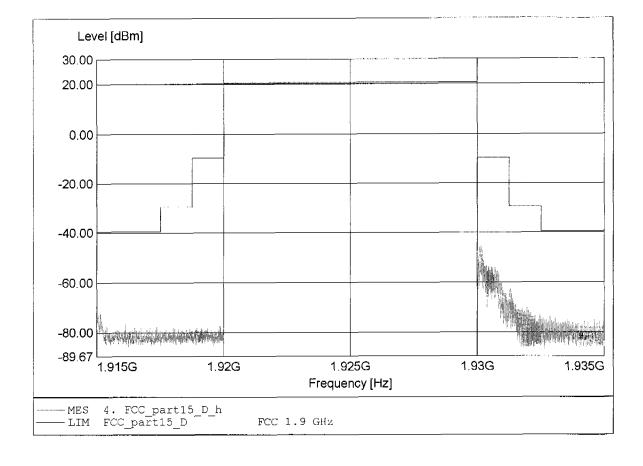
Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 1m, Ant.: HL 025, ampl. Comment 1:

Freq:1.930GHz Pmax:-45.58dBm RBW: 10 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT : PBX supporting dual band FP

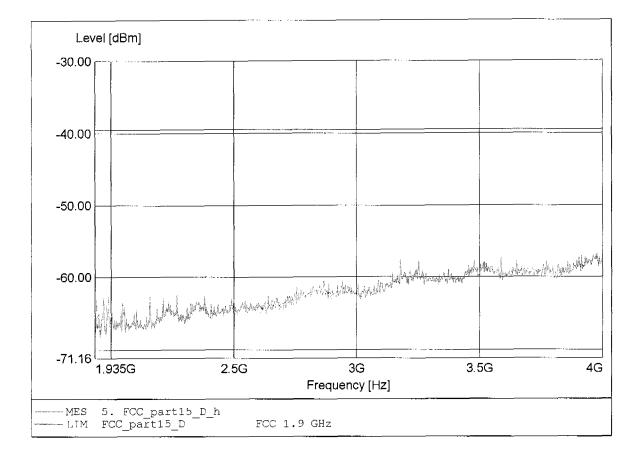
Model: Ch: 0 / antenna 0

(powered by PBX)

Model: B706D Dual Band / FP / Ch: C
Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (power
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:3.977GHz Pmax:-56.78dBm RBW: 100 kHz Comment 2:



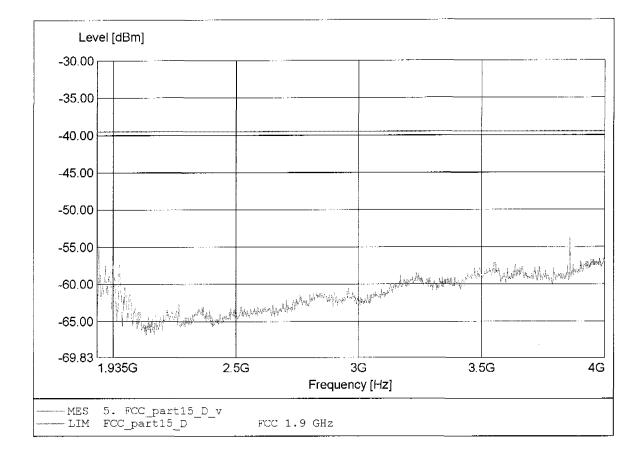
FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band \mathbf{FP}

EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.858GHz Pmax:-53.70dBm RBW: 100 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

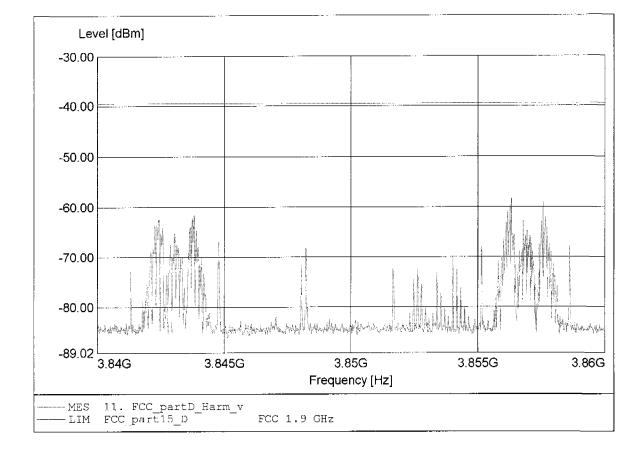
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 1m, Ant.: HL 025, ampl. Freq:3.856GHz Pmax:-58.20dBm RBW:10 kHz Comment 1: Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band

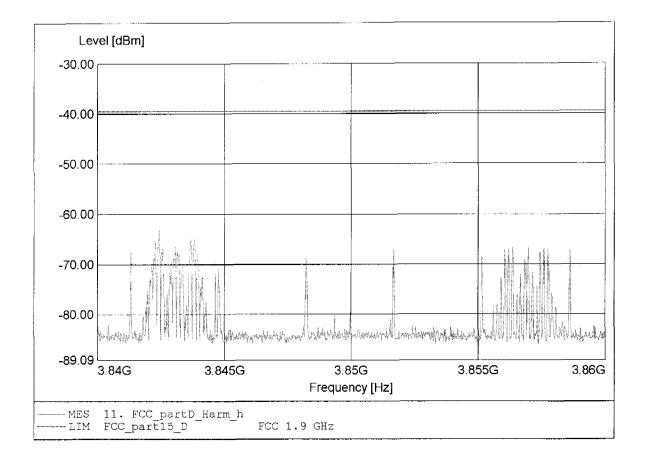
EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 0

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:3.842GHz Pmax:-63.17dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

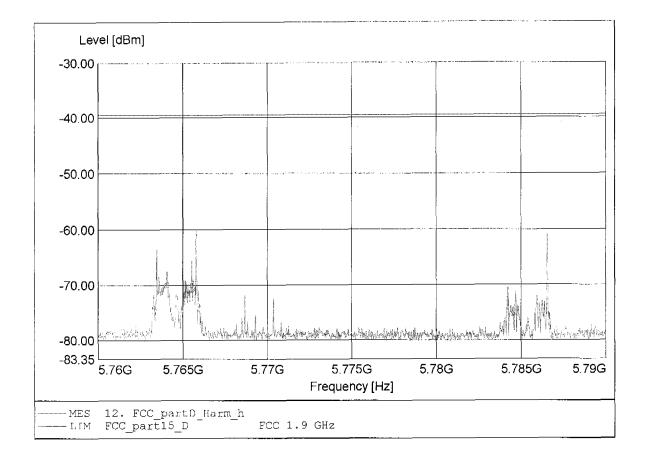
EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 0

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:5.766GHz Pmax:-59.45dBm RBW:10 kHz Comment 2:



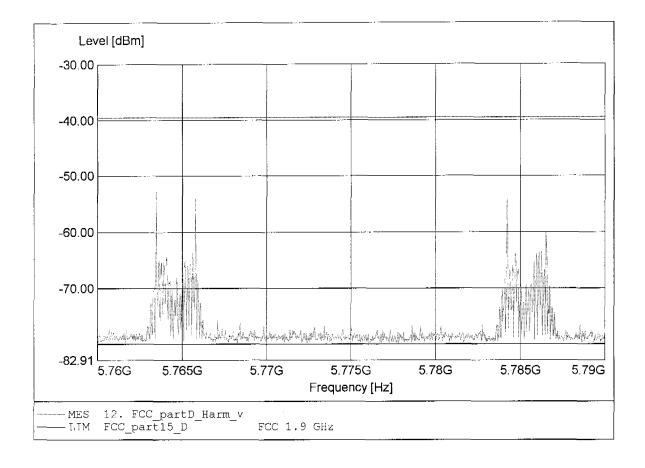
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 0; 4 / antenna 0

EUT : Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx Dist.: 1m, Ant.: HL 025, ampl. Comment 1:

Freq:5.763GHz Pmax:-52.85dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

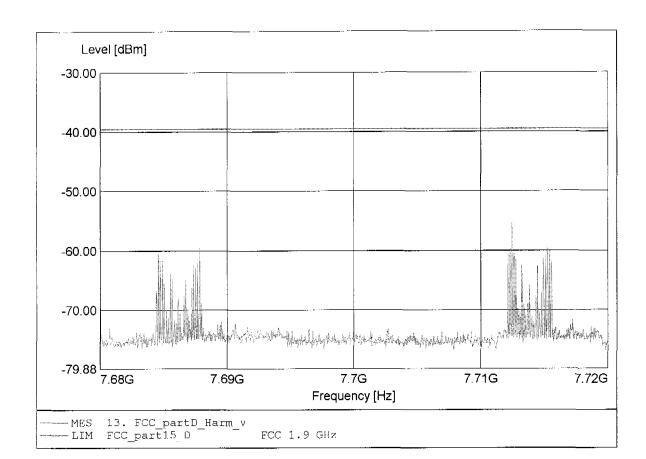
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 0; 4 / antenna 0 EUT :

Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Comment 2:

Dist.: 1m, Ant.: HL 025, ampl. Freq:7.712GHz Pmax:-55.31dBm RBW:10 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

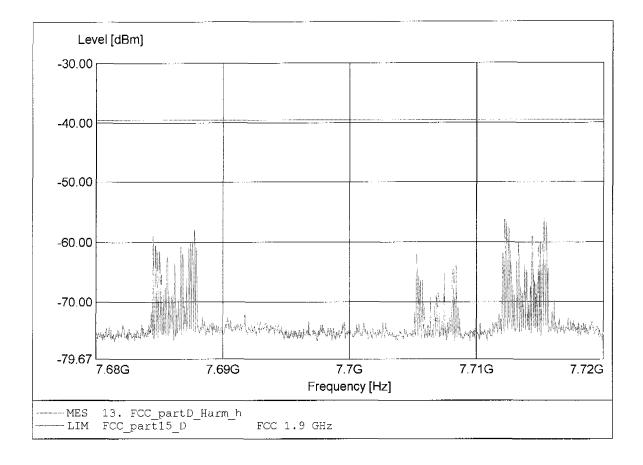
PBX supporting dual band FP EUT :

Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 0

(powered by PBX)

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (power
Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:7.715GHz Pmax:-55.04dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band \mathbf{FP}

EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 0

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Comment 2:

Dist.: 1m, Ant.: HL 025, ampl. Freq: 9.641GHz Pmax: -53.81dBm RBW: 10 kHz

Level [dBm] -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Whitehan Circle Level Morarand grand photology a particular with many -88.7 9.65G 9.62G 9.63G 9.64G 9.6G 9.61G Frequency [Hz] MES 14. FCC_partD_Harm_v — LIM FCC_part15_D FCC 1.9 GHz

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

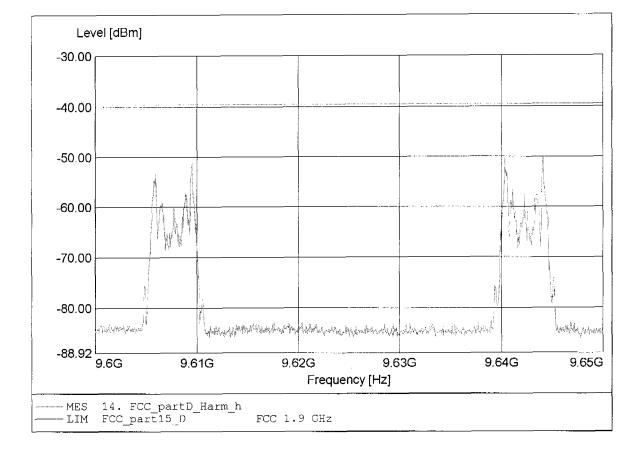
PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 0

(powered by PBX)

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (power
Test Specification: Fully anechoic chamber / mode: Tx Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Freq: 9.644GHz Pmax: -50.11dBm RBW: 10 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

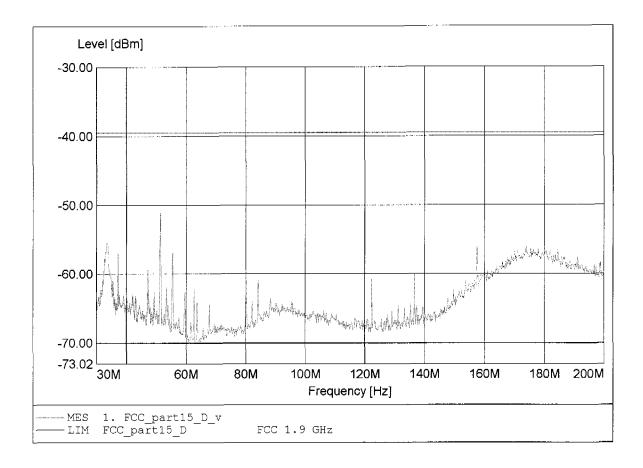
PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 3m, Ant.: HK 116, Freq:51.344MHz Pmax:-51.10dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 1

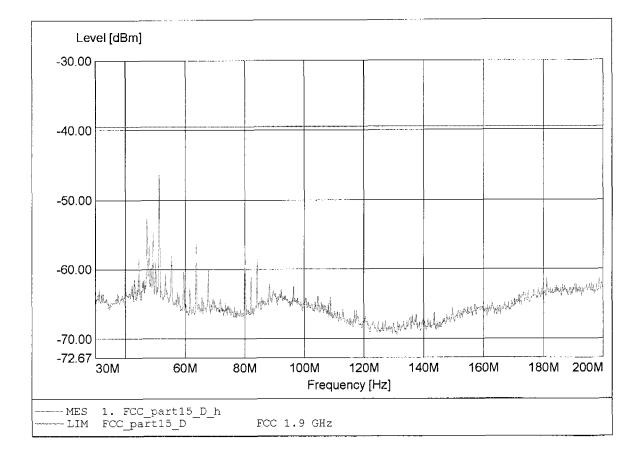
Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC Test Conditions: (powered by PBX)

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 3m, Ant.: HK 116,

Comment 2: Freq:51.344MHz Pmax:-46.40dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

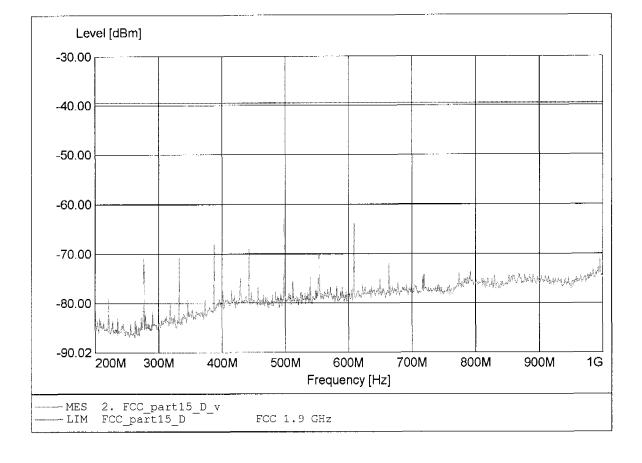
EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL 223, ampl.

Comment 2: Freq:497.778MHz Pmax:-62.88dBm RBW: 100 kHz

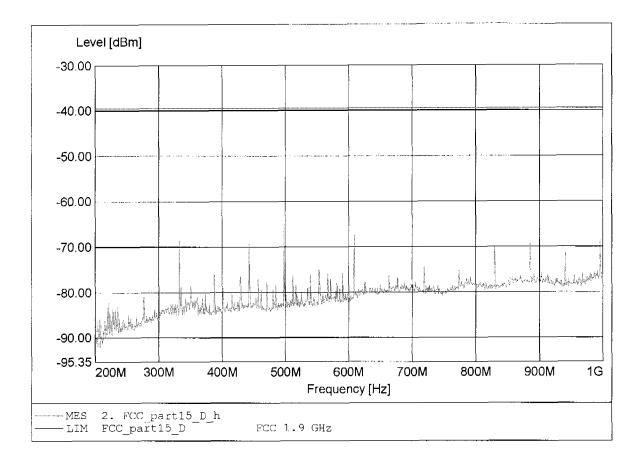


FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder: PBX supporting dual band FP / TX V 2.0 B706D Dual Band / FP / Ch: 4 / antenna 1 EUT :

Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:497.778MHz Pmax:-65.10dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

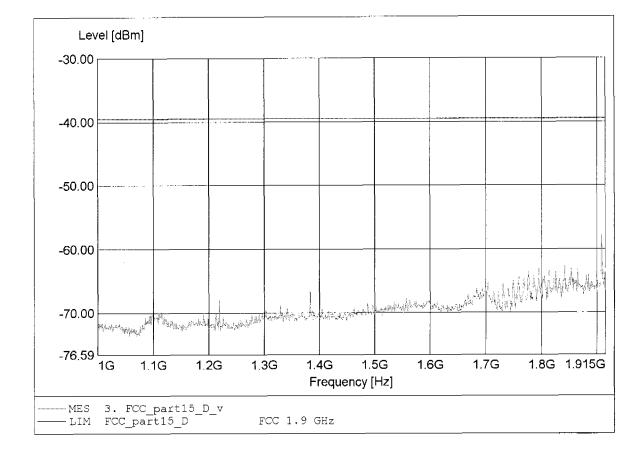
EUT : PBX supporting dual band FP

Model: B706D Dual Band / FP / Ch: 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 1m, Ant.: HL 025, ampl. Comment 1:

Freq: 1.908GHz Pmax: -57.63dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP EUT :

Ch: 4 / antenna 1 Model: B706D Dual Band / FP /

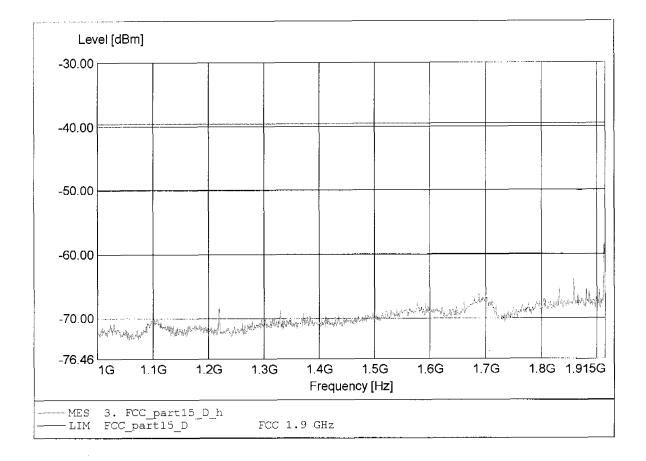
Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 1m, Ant.: HL 025, ampl.

Comment 2:

Freq: 1.913GHz Pmax: -58.38dBm RBW: 100 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

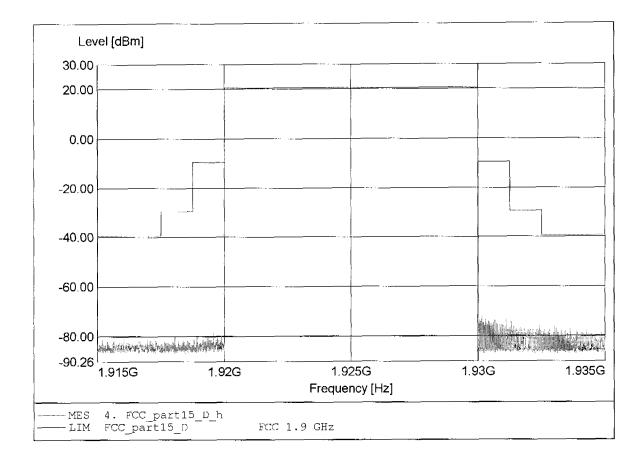
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band \mathbf{FP}

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx Dist.: 1m, Ant.: HL 025, ampl. Comment 1:

Freq:1.930GHz Pmax:-72.26dBm RBW: 10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

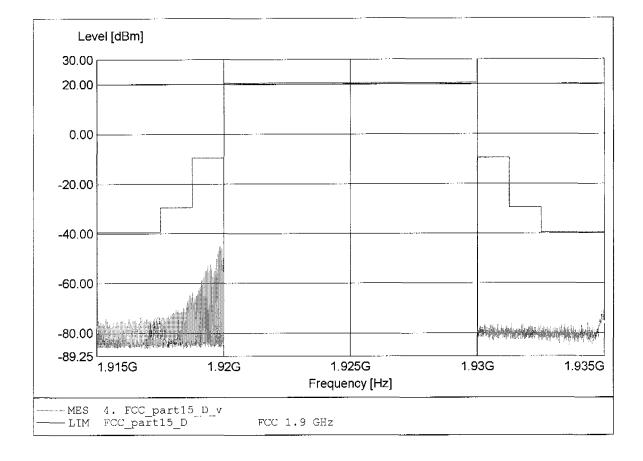
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

FPPBX supporting dual band

EUT : Model: B706D Dual Band / FP / Ch: 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx Dist.: 1m, Ant.: HL 025, ampl. Comment 1:

Freq: 1.920GHz Pmax: -44.93dBm RBW: 10 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT :

PBX supporting dual band FP B706D Dual Band / FP / Ch: Ch: 4 / antenna 1 Model:

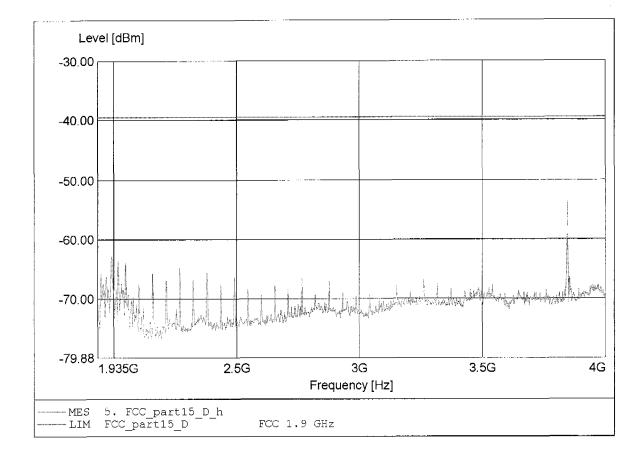
Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Comment 2: Freq:3.844GHz Pmax:-53.50dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

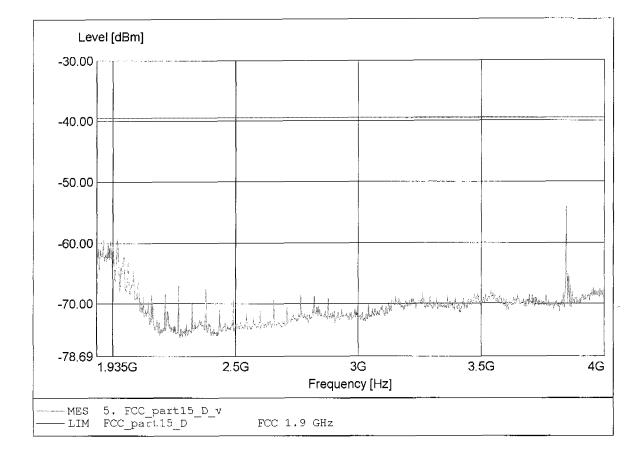
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT : PBX supporting dual band FP

Model: B706D Dual Band / FP / Ch: 4 / antenna 1

(powered by PBX)

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PE
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.844GHz Pmax:-54.03dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. PBX supporting dual band FP Approval Holder:

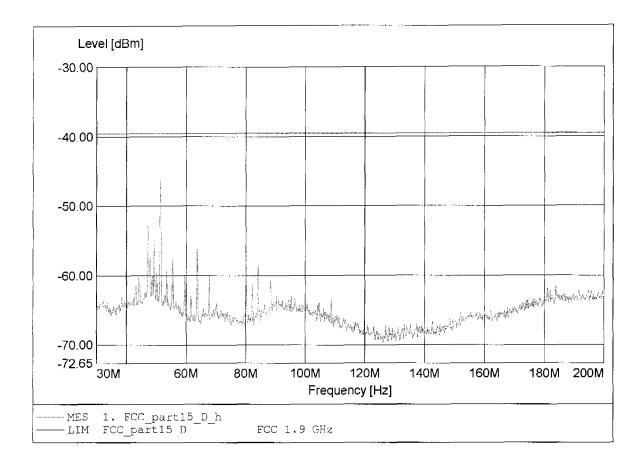
EUT :

Model: B706D Dual Band / FP / Ch: 0 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 3m, Ant.: HK 116, Freq:51.344MHz Pmax:-46.27dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

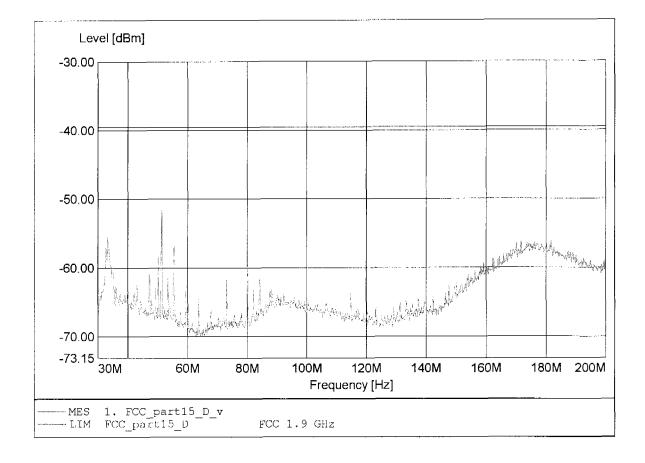
PBX supporting dual band FP B706D Dual Band / FP / Ch: 0 / antenna 1 EUT : Model:

Operator:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)

Test Specification: Fully anechoic chamber / mode: Tx Comment 1: Dist.: 3m, Ant.: HK 116,

Comment 2: Freq:51.344MHz Pmax:-51.59dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT :

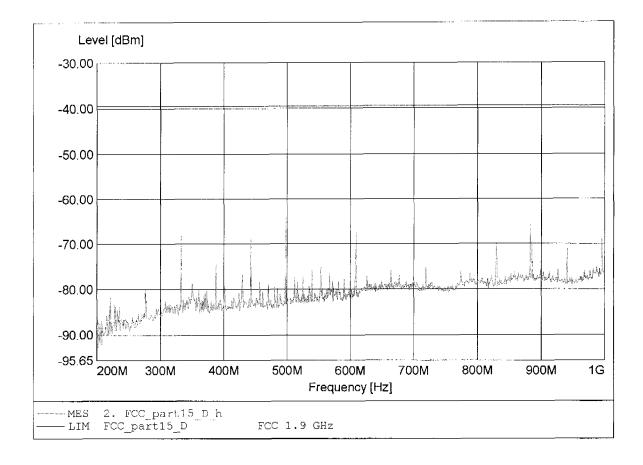
PBX supporting dual band FP B706D Dual Band / FP / Ch: 0 / antenna 1 Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL 223, ampl. Freq:497.778MHz Pmax:-64.01dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

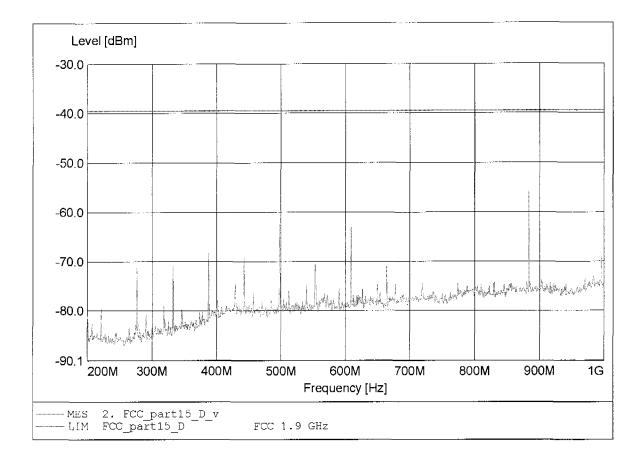
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: Model: B706D Dual Band / FP / Ch: 0 / antenna 1
Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber? mode: Tx

Comment 1:

Dist.: 3m, Ant.: HL 223, ampl. Freq:883.556MHz Pmax:-55.74dBm RBW: 100 kHz Comment 2:



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

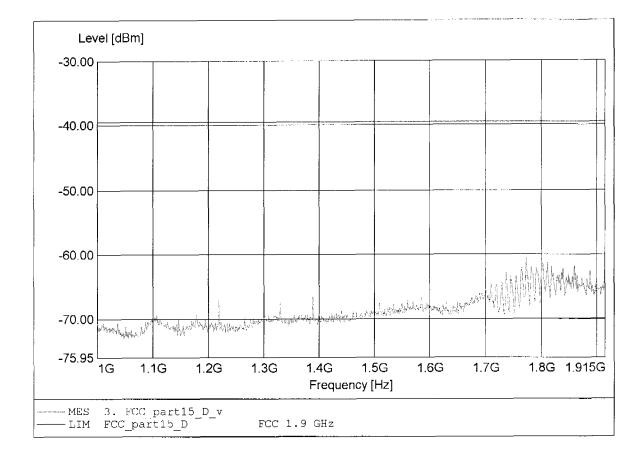
EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Comment 2: Freq:1.915GHz Pmax:-56.48dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band \mathbf{FP} EUT :

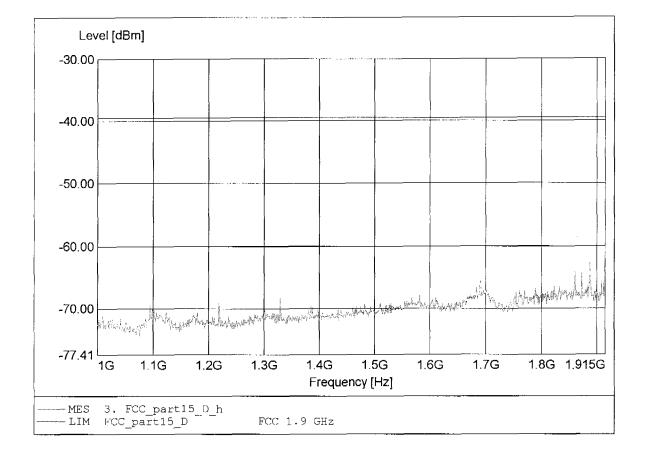
Model: B706D Dual Band / FP / Ch: 0 / antenna 1

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Freq:1.915GHz Pmax:-59.99dBm RBW: 100 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

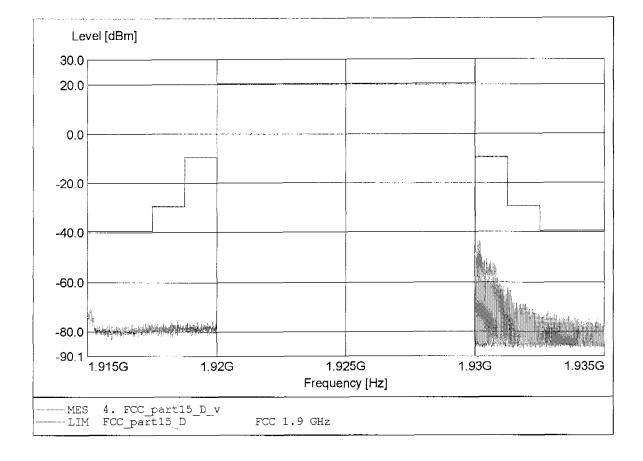
EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 1

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Dist.: lm, Ant.: HL 025, ampl. Comment 1:

Freq:1.930GHz Pmax:-43.61dBm RBW: 10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

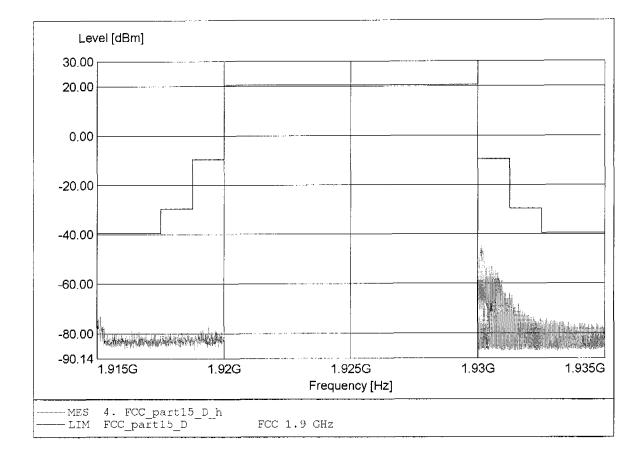
EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 1

Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Freq:1.930GHz Pmax:-44.99dBm RBW: 10 kHz Comment 2:



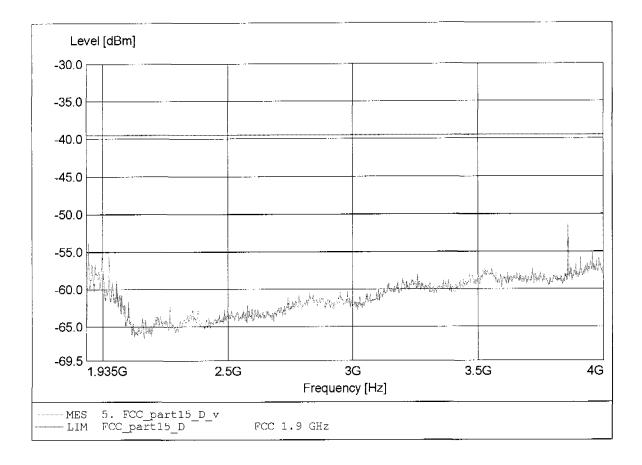
FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT : PBX supporting dual band FΡ

B706D Dual Band / FP / Ch: 0 / antenna 1 Model:

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.858GHz Pmax:-51.49dBm RBW: 100 kHz



FCC RULES PART 15, SUBPART D

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0 / antenna 1

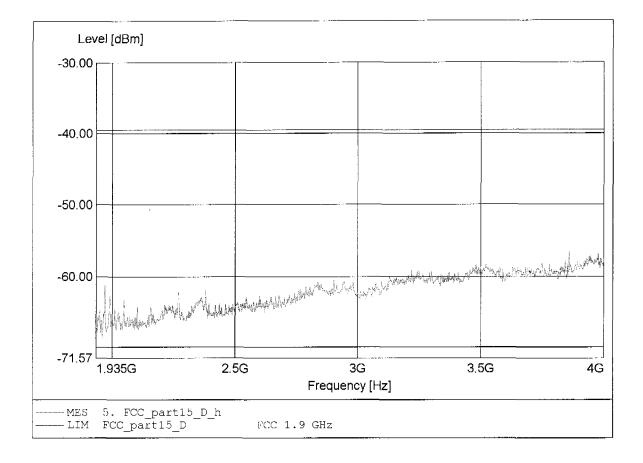
Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Comment 2: Freq:3.858GHz Pmax:-56.47dBm RBW: 100 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

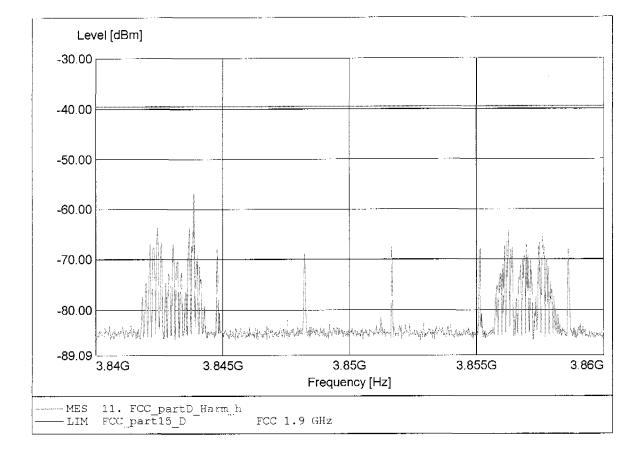
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

 $_{\mathrm{FP}}$ PBX supporting dual band

EUT : B706D Dual Band / FP / Ch: 0; 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:3.844GHz Pmax:-56.82dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

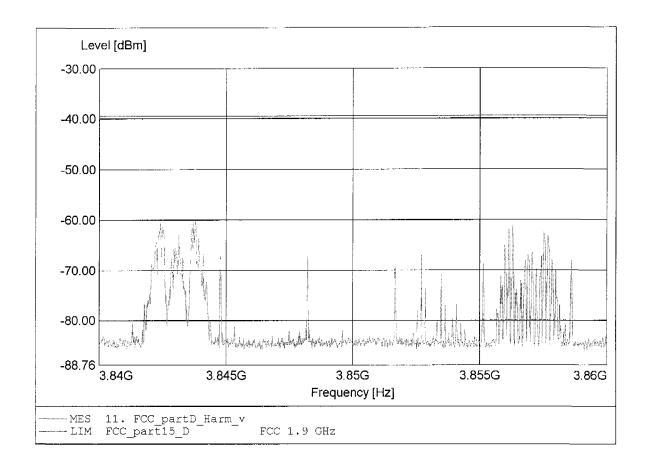
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Dist.: 1m, Ant.: HL 025, ampl. Comment 1: Freq:3.844GHz Pmax:-60.30dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

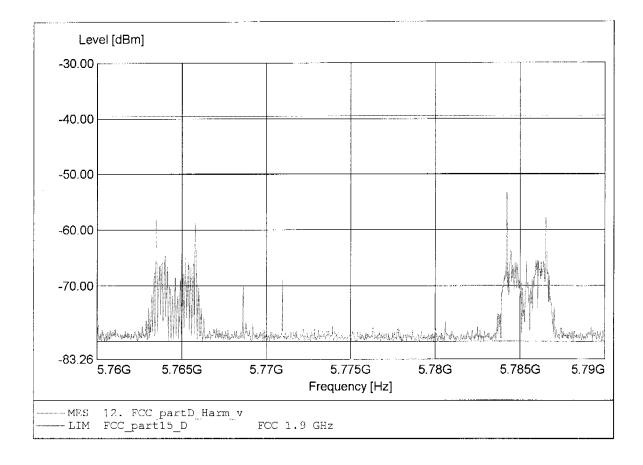
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP EUT :

Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: 1m, Ant.: HL 025, ampl. Freq:5.784GHz Pmax:-53.17dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

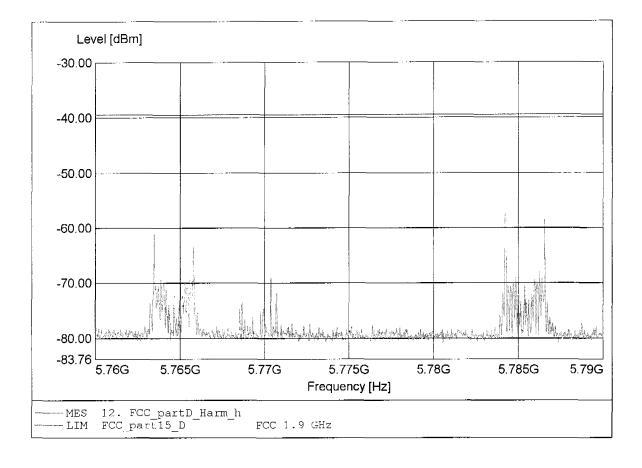
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Freq:5.784GHz Pmax:-57.25dBm RBW:10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

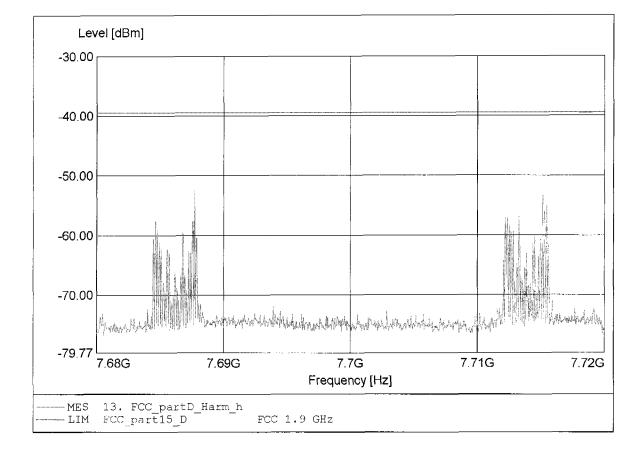
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT : PBX supporting dual band FP

B706D Dual Band / FP / Model: Ch: 0; 4 / antenna 1

(powered by PBX)

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.688GHz Pmax:-52.25dBm RBW:10 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FP

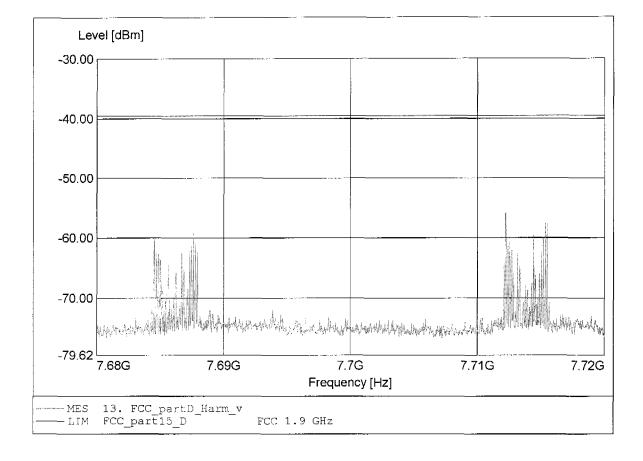
EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 1

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx

Comment 1:

Dist.: 1m, Ant.: HL 025, ampl.

Freq: 7.712GHz Pmax: -55.90dBm RBW: 10 kHz Comment 2:



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band FΡ

EUT : Model: B706D Dual Band / FP / Ch: 0; 4 / antenna 1

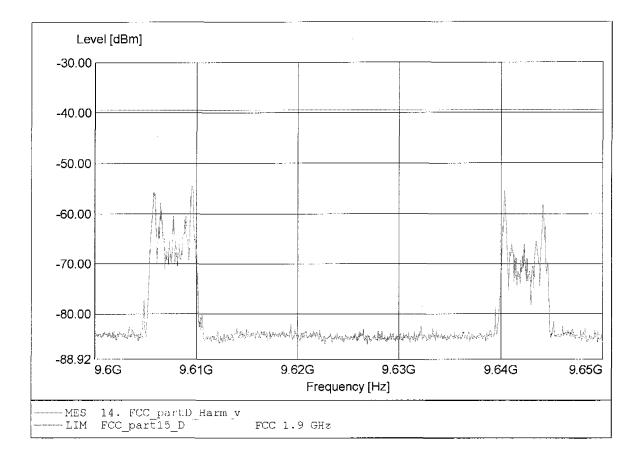
Operator :

ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC (powered by PBX) Test Conditions:

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

Comment 2: Freq: 9.610GHz Pmax: -54.49dBm RBW: 10 kHz



FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

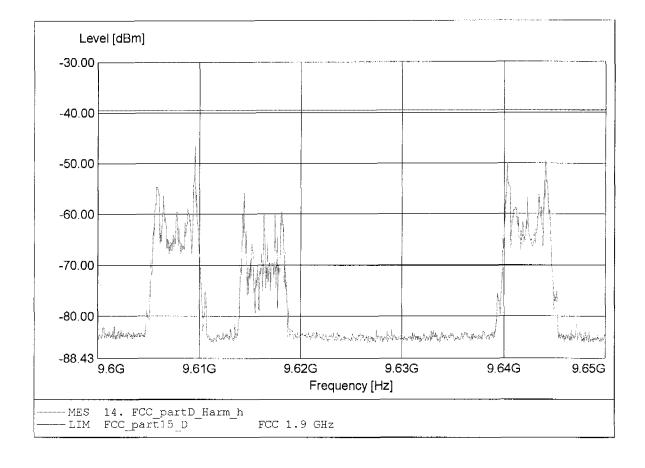
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

FPPBX supporting dual band EUT :

Model: B706D Dual Band / FP /

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: Fully anechoic chamber / mode: Tx Comment 1:

Dist.: lm, Ant.: HL 025, ampl. Freq:9.610GHz Pmax:-46.60dBm RBW:10 kHz Comment 2:





Appendix S

Frame period



FCC Part 15.323(e.1) Frame repetition

Testprocedure ANSI 63.17-1998 6.2.2 UCPS

EUT Basestation supporting Dual band DECT for Europe and United States / Canada

Model B706D Dual Band

Applicant NEC Philips Unified Solutions

Temperature 23°C

Test Site / Operator ETS Reichenwalde
Test Specification 6.2.2 Frame repetition

Width of the

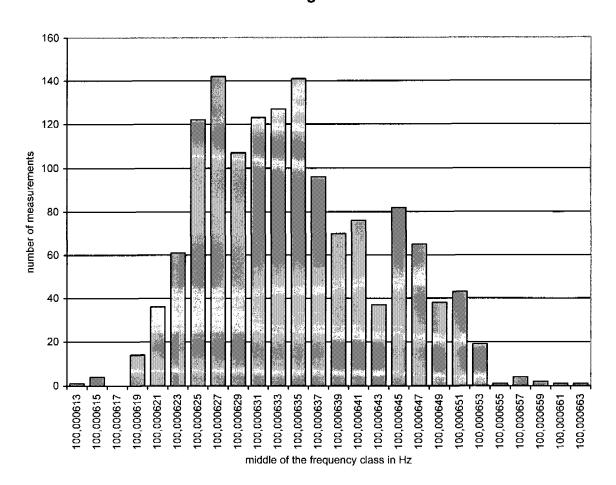
 frequency class
 0,000002 Hz

 Mean
 100,000635 Hz

 Deviation
 0,000008

 Stability in ppm
 0,253957 ppm

 Test result
 Verdict = PASS





FCC Part 15.323(e.4) Frame Period and jitter

Testprocedure ANSI 63.17-1998 6.2.3 UCPS

EUT Basestation supporting Dual band DECT for Europe and United States / Canada

Model B706D Dual Band

Applicant NEC Philips Unified Solutions

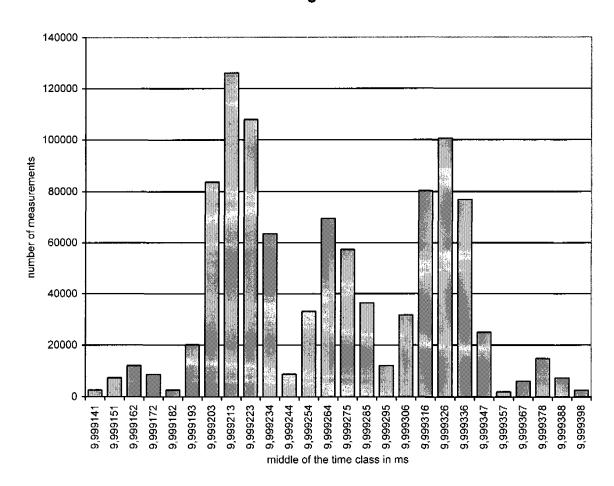
Temperature 23°C

Test Site / Operator ETS Reichenwalde

Test Specification 6.2.3 Frame Period and jitter

Width of the

time class $0,010282~\mu s$ Mean 9,999266~m s Deviation 0,000055 Max-Min $0,257045~\mu s$ Test result Verdict = PASS





Appendix T

Frequency stability



Testprocedure ANSI 63.17-1998 6.2.1

EUT Basestation supporting Dual band DECT for Europe and United States / Canada

Model B706D Dual Band

Applicant NEC Philips Unified Solutions

Temperature 20 °C

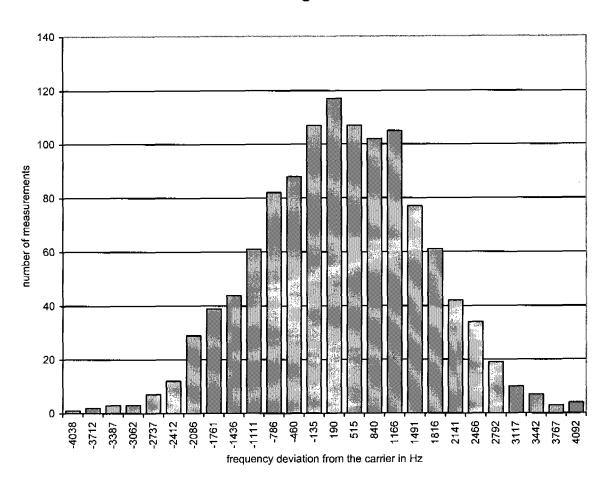
Test Site / Operator ETS Reichenwalde
Test Specification ETS Reichenwalde
6.2.1 Frequency stability

Power supply Vnom

Frequency of carrier 1924,974953 MHz
Measured mean 1924,975261 MHz
Stability (supply temp) 0,0 ppm (reference)
Result Verdict = PASS

Stability over time fmax: 1,97 ppm fmin: 2,26 ppm

Result Verdict = PASS





Testprocedure ANSI 63.17-1998 6.2.1

EUT Basestation supporting Dual band DECT for Europe and United States / Canada

Model B706D Dual Band

Applicant NEC Philips Unified Solutions

Temperature 20 °C

Test Site / Operator ETS Reichenwalde
Test Specification 6.2.1 Frequency stability

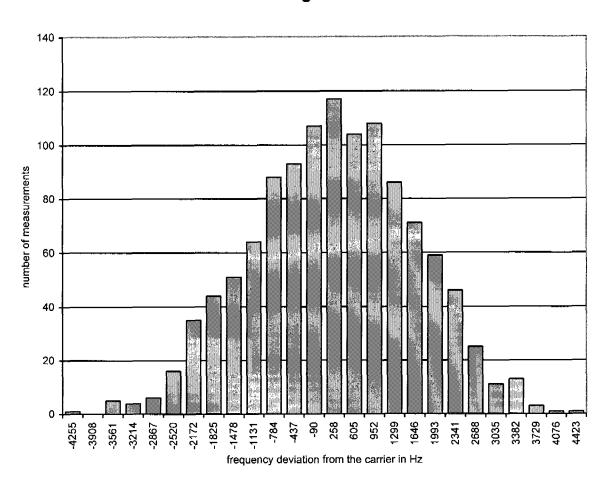
Power supply Vmin

Frequency of carrier 1924,975261 MHz Measured mean 1924,975513 MHz

Stability (supply temp) -0,13 ppm Result Verdict = PASS

Stability over time fmax: 2,17 ppm fmin: 2,34 ppm

Result Verdict = PASS





Testprocedure ANSI 63.17-1998 6.2.1

EUT Basestation supporting Dual band DECT for Europe and United States / Canada

Model B706D Dual Band

Applicant NEC Philips Unified Solutions

Temperature 20 °C

Test Site / Operator ETS Reichenwalde
Test Specification 6.2.1 Frequency stability

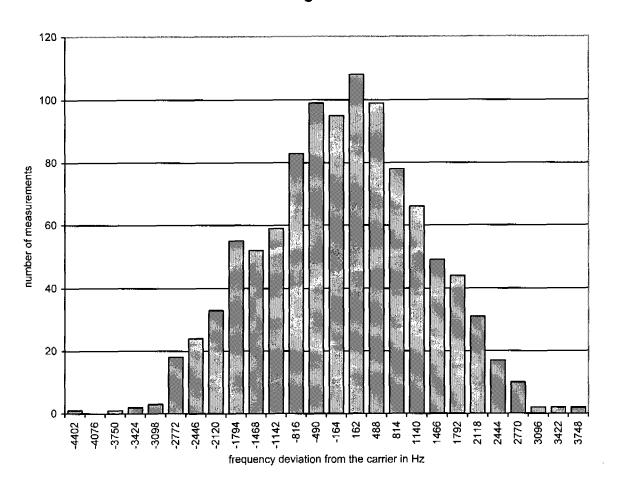
Power supply Vmax

Frequency of carrier 1924,975261 MHz Measured mean 1924,975198 MHz

Stability (supply temp) 0,03 ppm Result Verdict = PASS

Stability over time fmax: 1,98 ppm fmin: 2,25 ppm

Result Verdict = PASS





Testprocedure ANSI 63.17-1998 6.2.1

EUT

Basestation supporting Dual band DECT for Europe and United States / Canada

Model

B706D Dual Band

Applicant

NEC Philips Unified Solutions

Temperature

-10 °C

Test Site / Operator

ETS Reichenwalde

Test Specification

6.2.1 Frequency stability

Power supply

Vnom

Frequency of carrier

1924,975261 MHz 1924,982682 MHz

Measured mean Stability (supply temp)

-3,86 ppm

Result

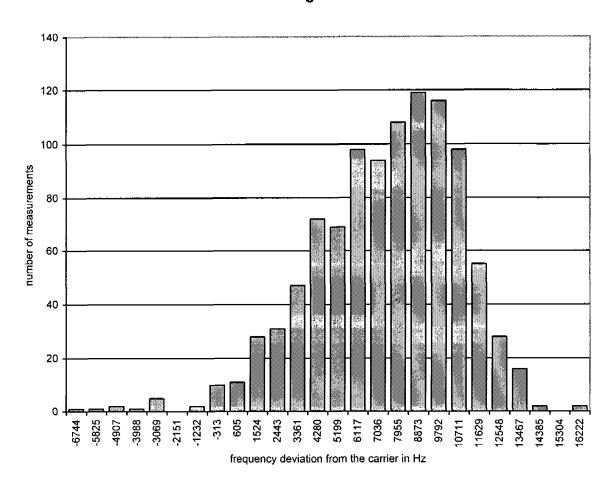
Verdict = PASS

Stability over time

fmax: 4,57 ppm fmin: 7,36 ppm

Result

Verdict = PASS





Testprocedure ANSI 63.17-1998 6.2.1

EUT Basestation supporting Dual band DECT for Europe and United States / Canada

Model B706D Dual Band

Applicant NEC Philips Unified Solutions

Temperature 55 °C

Test Site / Operator ETS Reichenwalde
Test Specification 6.2.1 Frequency stability

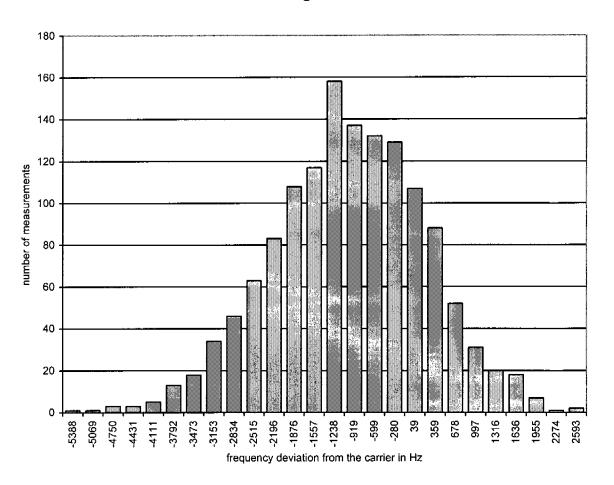
Power supply Vnom

Frequency of carrier 1924,975261 MHz Measured mean 1924,974251 MHz

Stability (supply temp) 0,52 ppm Result Verdict = PASS

Stability over time fmax: 1,87 ppm fmin: 2,27 ppm

Result Verdict = PASS





Appendix U

Receiver spurious emissions

Standards Industry Canada, RSS-GEN

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band

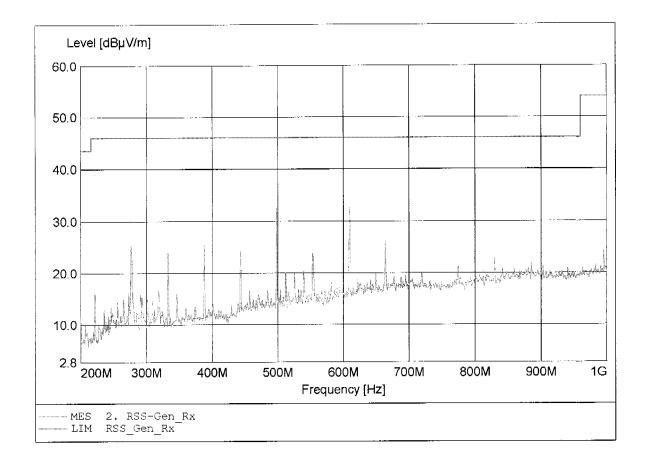
EUT : B706D Dual Band / FP ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC Operator :

(powered by PBX) Test Conditions:

Test Specification: according to RSS-Gen

Comment 1:

Dist.: 3m, Ant.: HL 223, ampl. Freq:608.889MHz Emax:33.76dBpV/m RBW: 100 kHz Comment 2:



Standards Industry Canada, RSS-GEN

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT : PBX supporting dual band FP

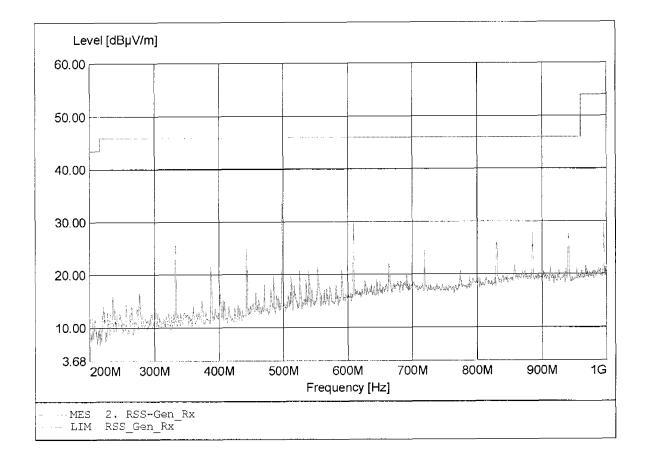
Model: B706D Dual Band / FP Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC

(powered by PBX)

Test Specification: according to RSS-Gen

Comment 1:

Dist.: 3m, Ant.: HL 223, ampl. Freq:497.778MHz Emax:33.48dBµV/m RBW: 100 kHz Comment 2:



Standards Industry Canada, RSS-GEN

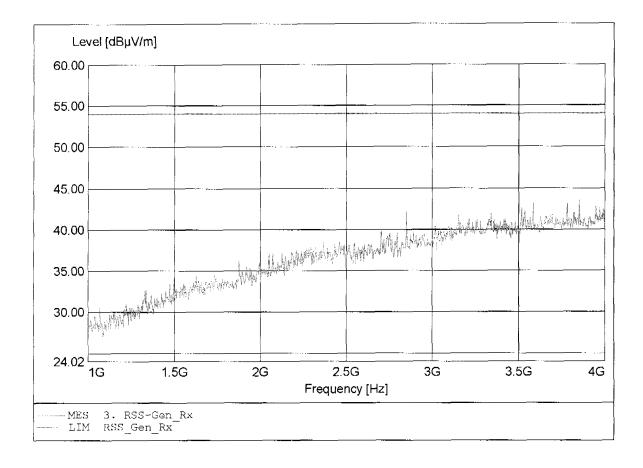
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band

EUT : Model: B706D Dual Band / FP ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC Operator:

(powered by PBX) Test Conditions:

Test Specification: according to \$15109, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.780GHz Emax:43.65dBµV/m RBW: 1 MHz



Standards Industry Canada, RSS-GEN

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

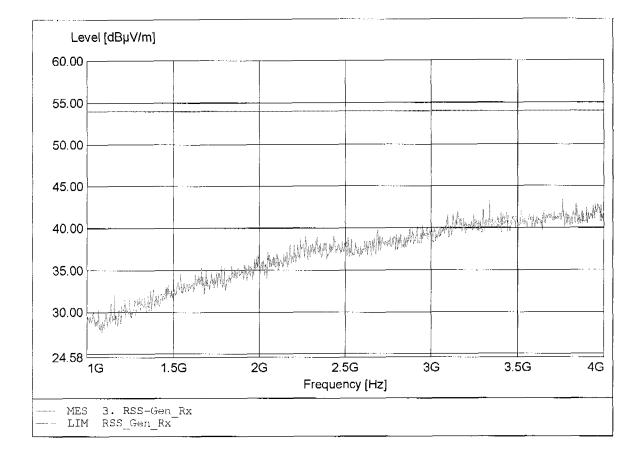
EUT : PBX supporting dual band

Model: B706D Dual Band / FP ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC Operator:

(powered by PBX) Test Conditions:

Test Specification: according to \$15109, peak detector Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Freq:3.760GHz Emax:43.33dBµV/m RBW: 1 MHz Comment 2:



Standards Industry Canada, RSS-GEN

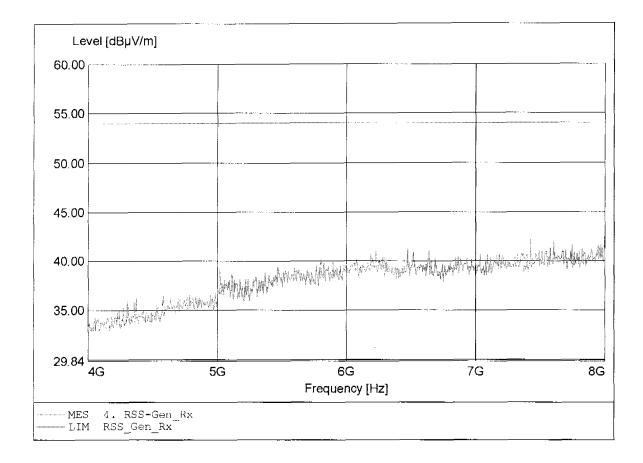
NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

EUT : PBX supporting dual band

Model: B706D Dual Band / FP ETS / Mr. Cersovsky 25°C / Unom.: 48 V DC Operator :

(powered by PBX) Test Conditions:

Test Specification: according to \$15109, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.996GHz Emax:42.50dBµV/m RBW: 1 MHz



Standards Industry Canada, RSS-GEN

NEC PHILIPS Unified Solutions Nederland B.V. Approval Holder:

PBX supporting dual band

EUT : Model: B706D Dual Band / FP

Operator: ETS / Mr. Cersovsky
Test Conditions: 25°C / Unom.: 48 V DC (powered by PBX)
Test Specification: according to \$15109, peak detector

Comment 1:

Dist.: 3m, Ant.: HL025, ampl. Freq:7.933GHz Emax:42.24dBµV/m RBW: 1 MHz Comment 2:

