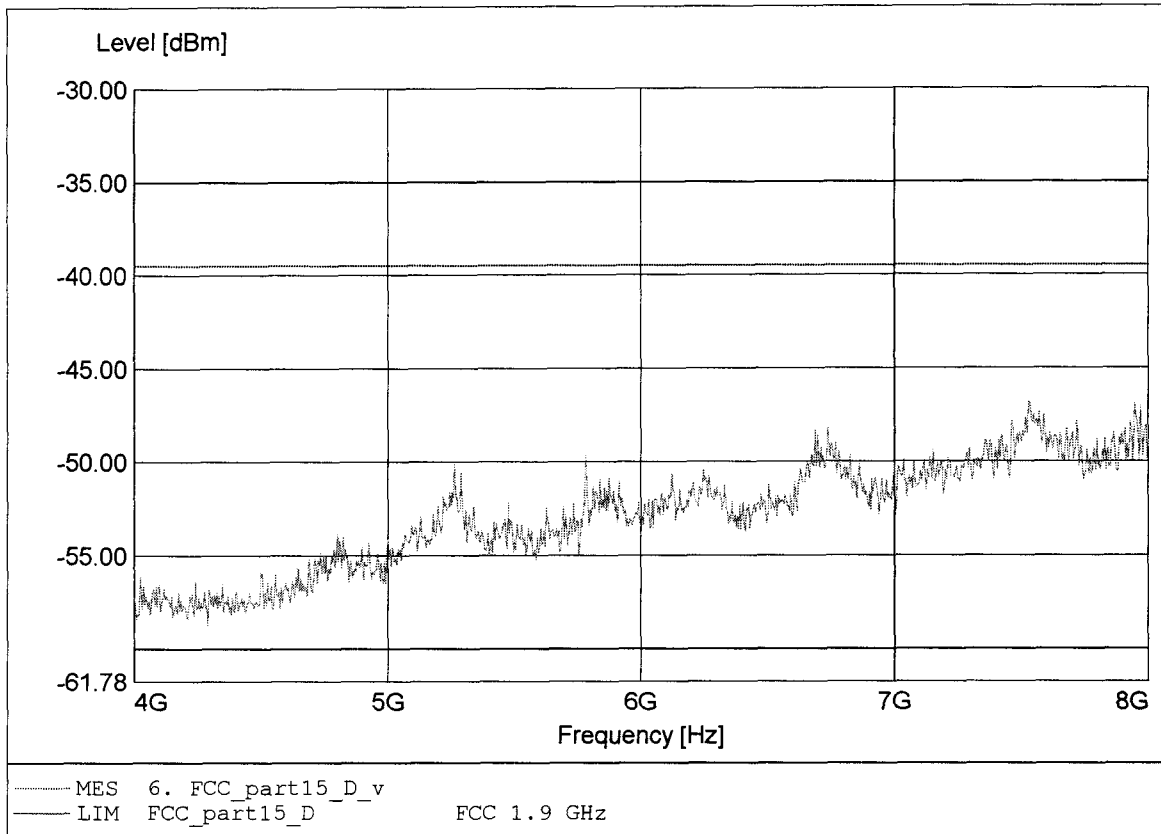


**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

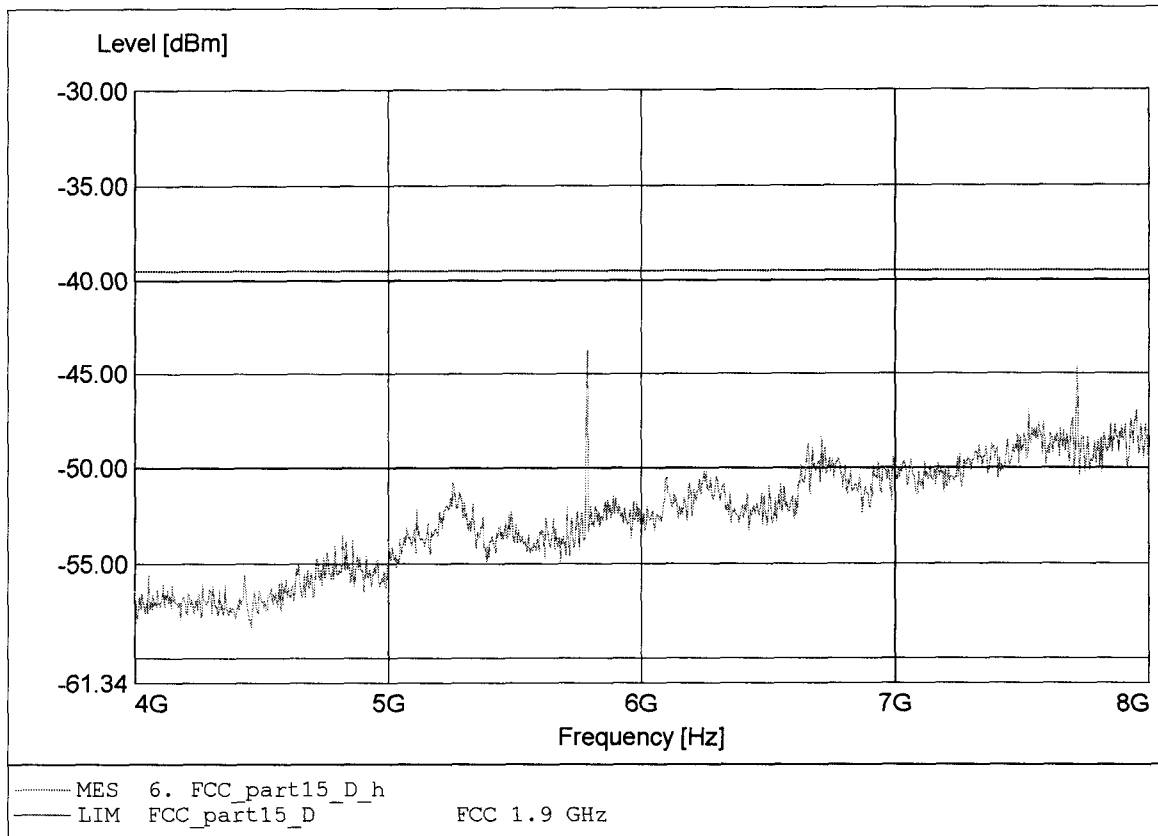
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: BBHA 9120D, HP+ampl.  
Comment 2: Freq:7.529GHz Pmax:46.76dBm REW: 1 MHz



**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

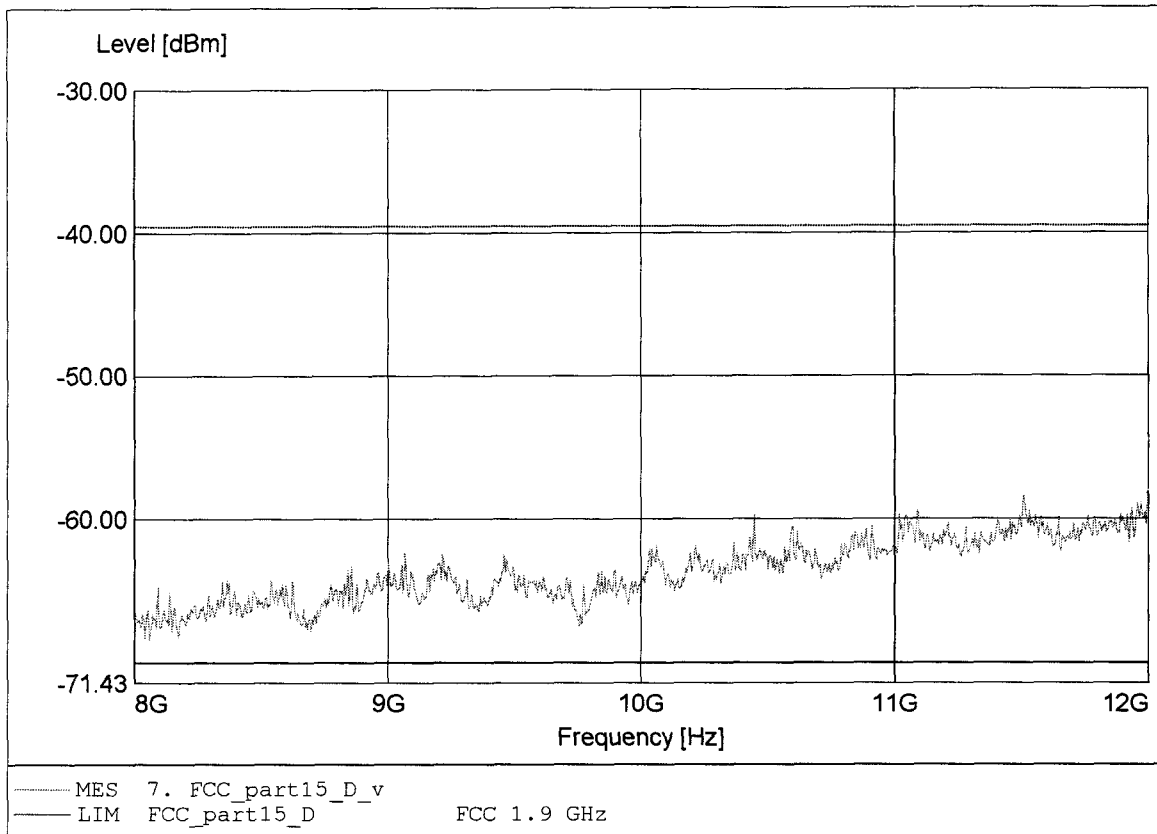
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: BBHA 9120D, HP+ampl.  
Comment 2: Freq:5.787GHz Pmax:-43.70dBm REW: 1 MHz



**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

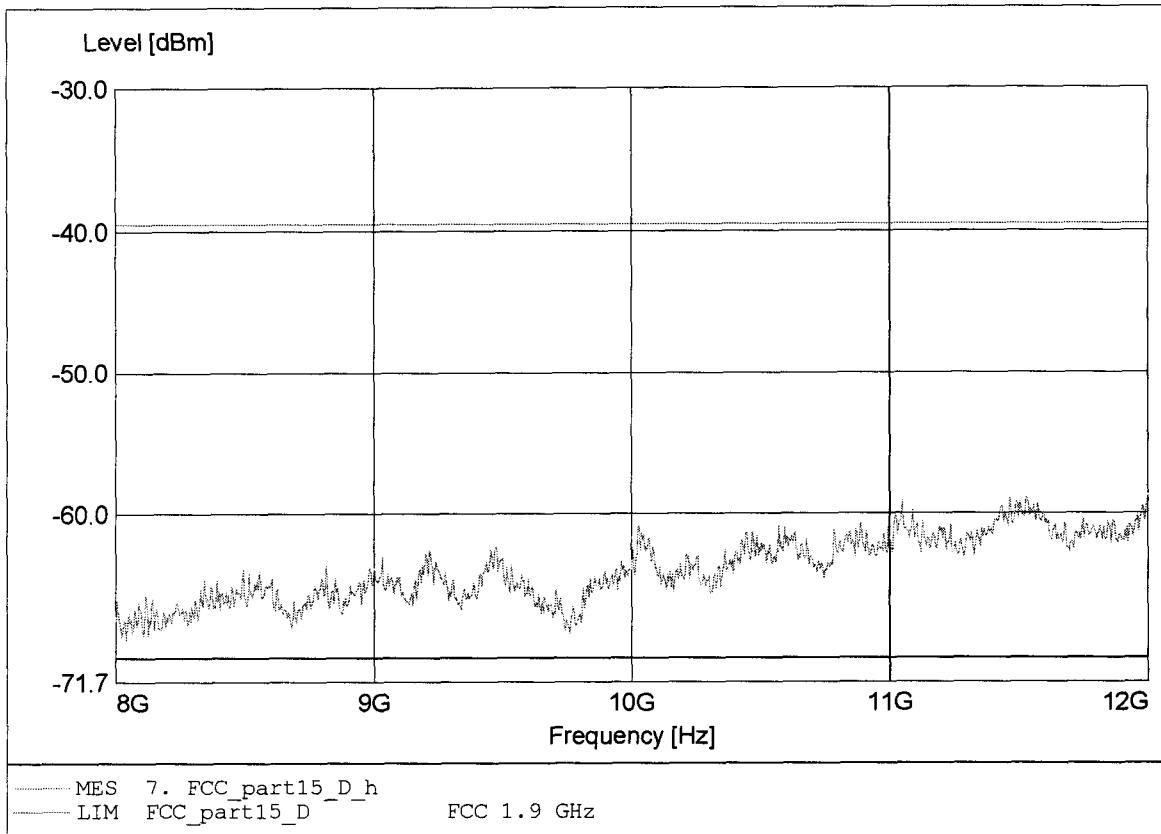
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: BBHA 9120D, HP+ ampl.  
Comment 2: Freq:12.000GHz Pmax:-57.98dBm RBW: 1 MHz



**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

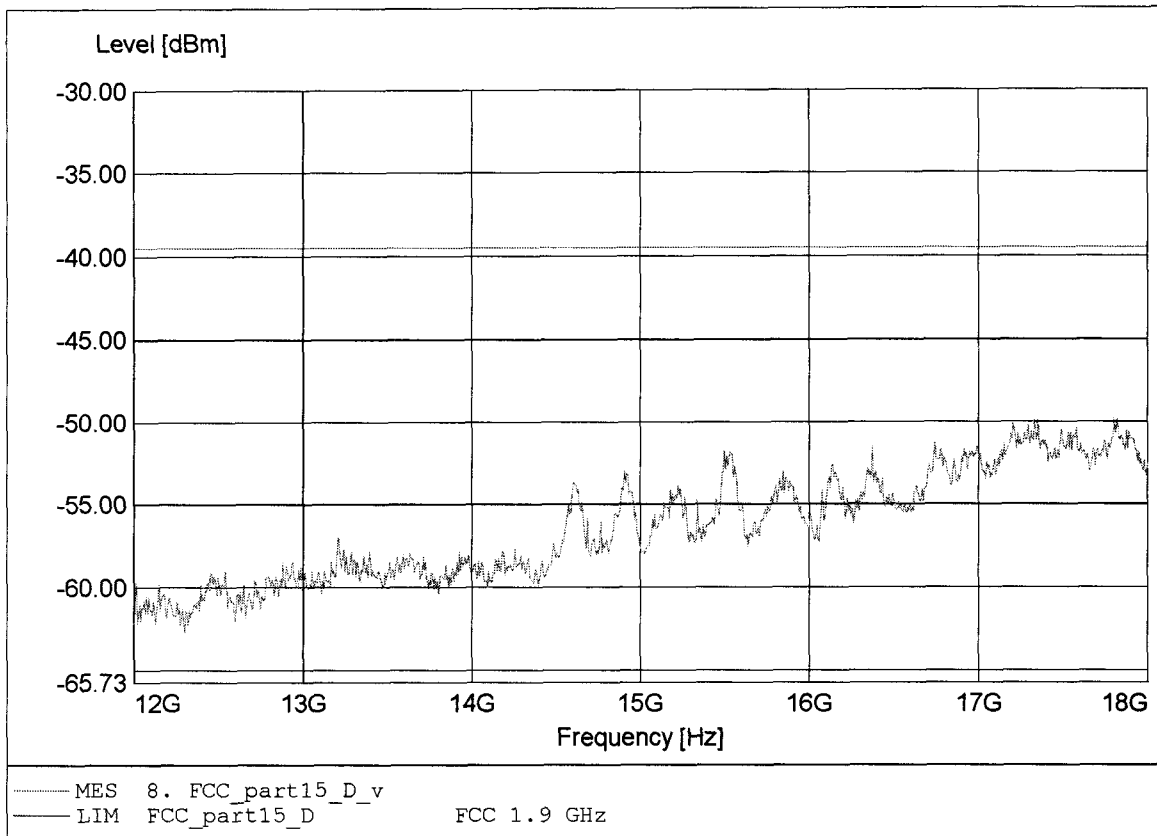
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: BBHA 9120D, HP+ ampl.  
Comment 2: Freq:12.000GHz Pmax:-58.72dBm RBW: 1 MHz



**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

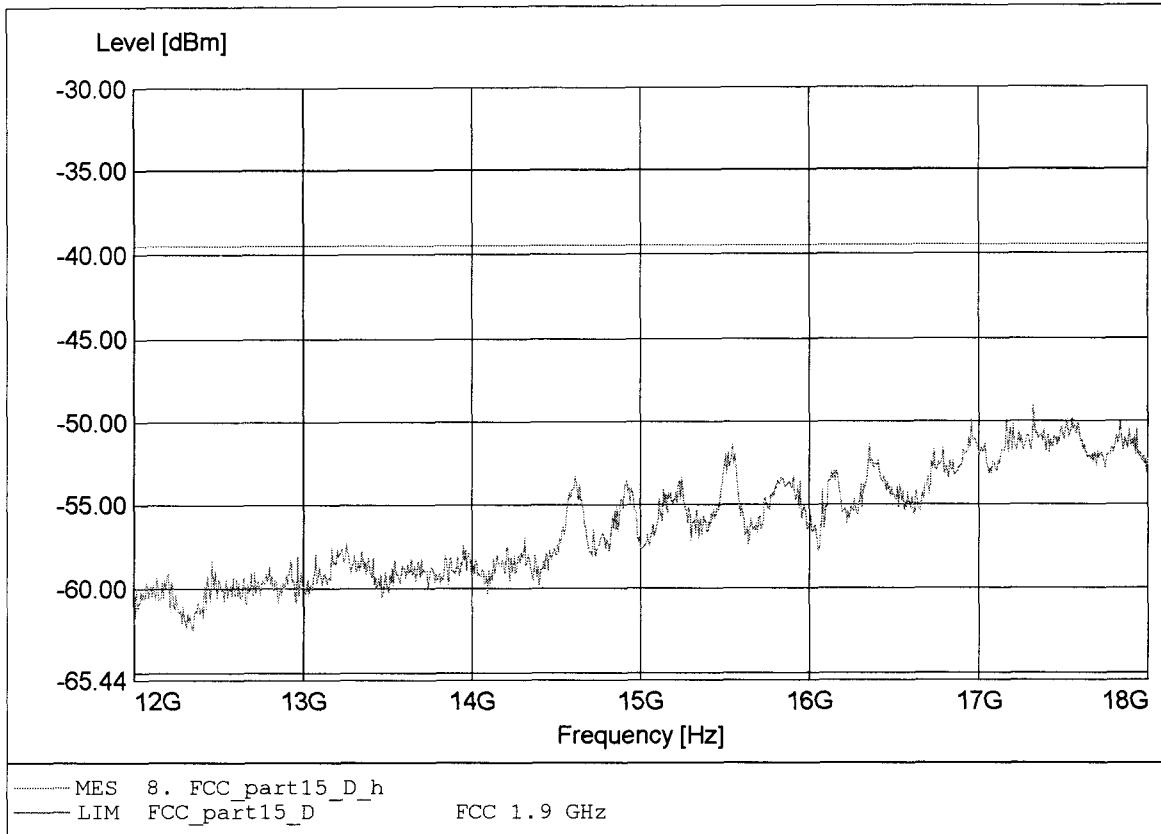
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: BBHA 91 20D, HP+ampl.  
Comment 2: Freq:17.820GHz Pmax:-483dBm REW: 1 MHz



**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

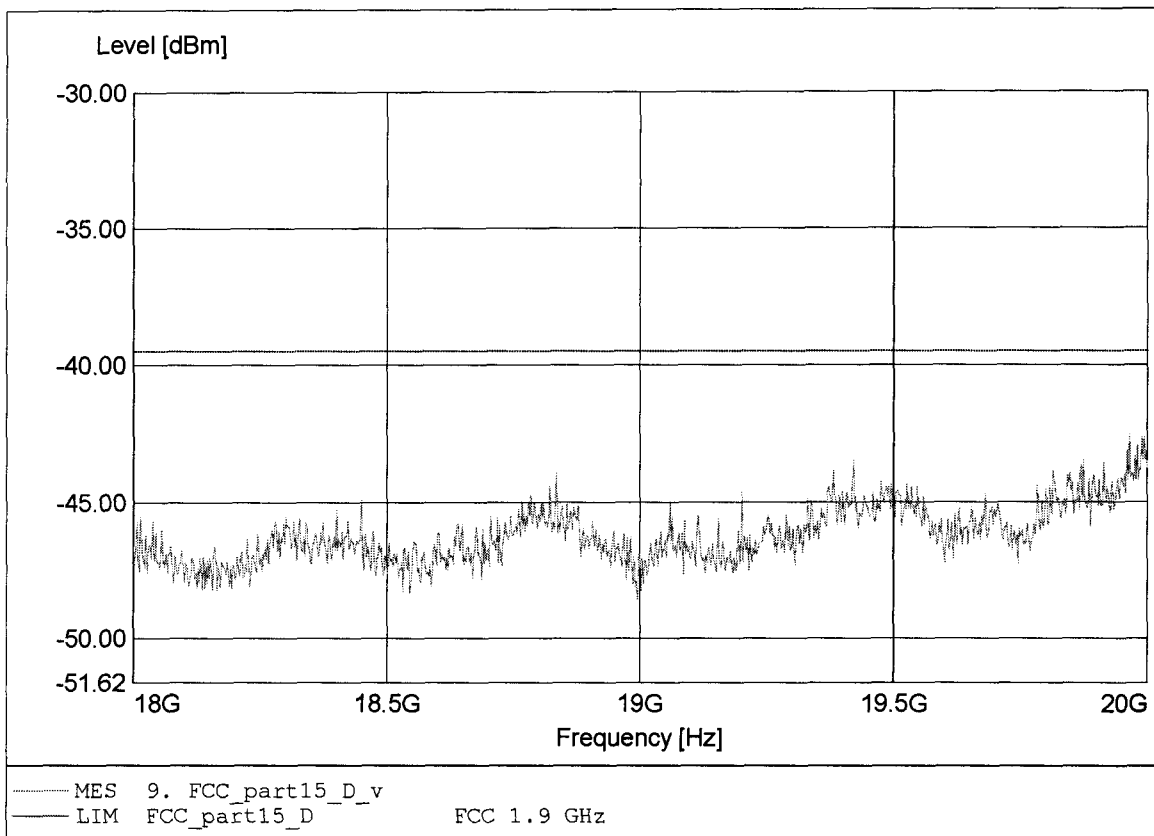
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: BBHA 9120D, HP+ ampl.  
Comment 2: Freq:17.320GHz Pmax:-49.04dBm RBW: 1 MHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

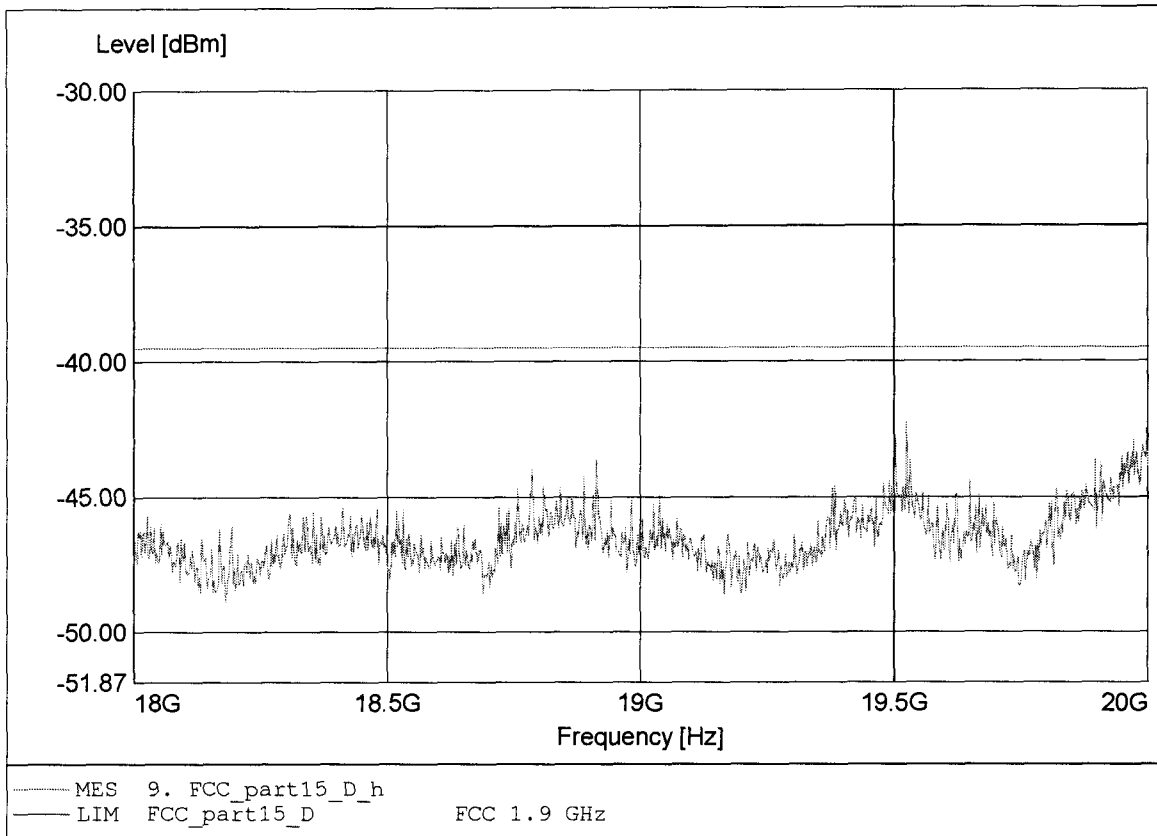
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.: 18-26 GHz  
Comment 2: Freq:19.964 GHz Pmax:-42.53dBm RBW: 1 MHz



**Spurious emissions under normal conditions**

**FCC RULES PART 15, SUBPART D**

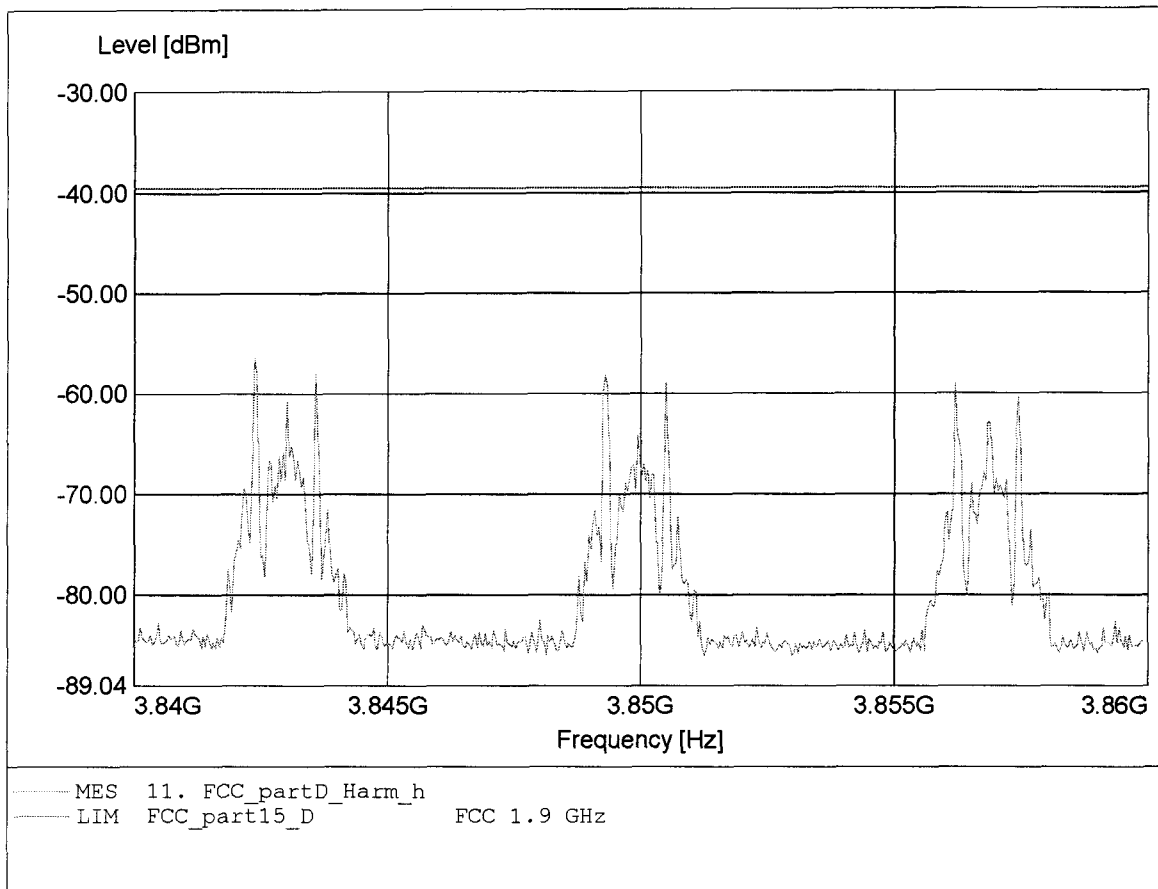
Approval Holder: KIRK telecom A/S  
EUT : 1,9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 / 1928.448 MHz  
Test Site / Operator: ETS / Mr. Treffke  
Temperature/ Voltage: 25°C / 3.6 V (rechargeable battery)  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.: 18-26 GHz  
Comment 2: Freq:19.524GHz Pmax:-42.24dBm RBW: 1 MHz





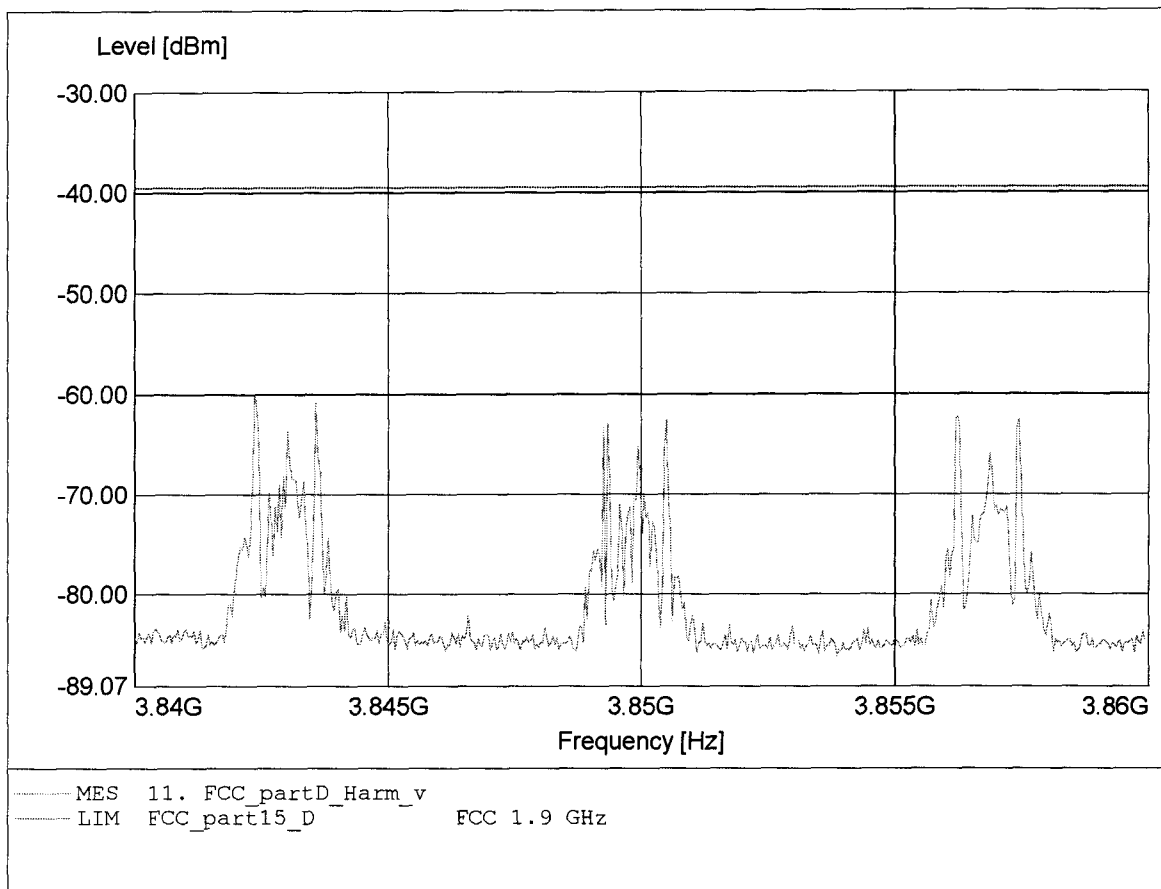
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:3.842GHz Pmax:-56.46dBm RBW:10 kHz



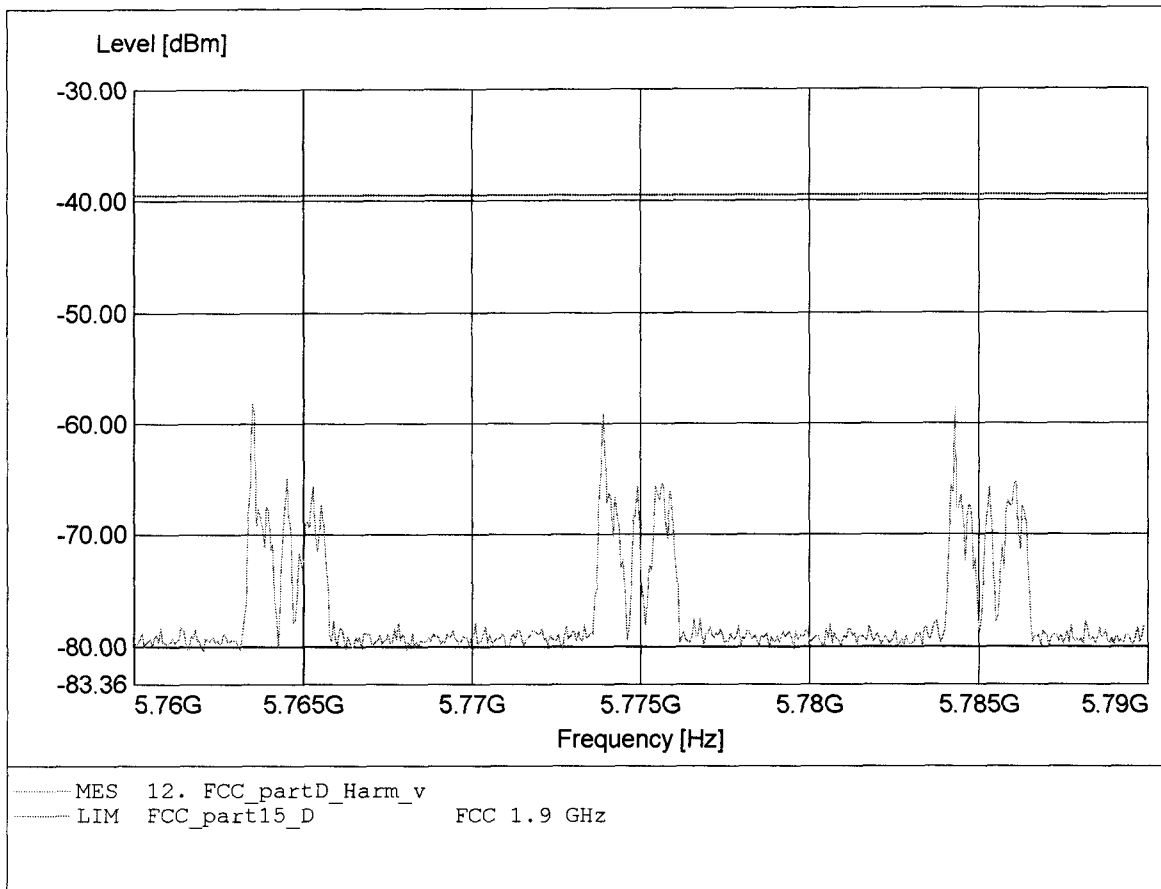
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:3.842GHz Pmax:-59.85dBm RBW:10 kHz



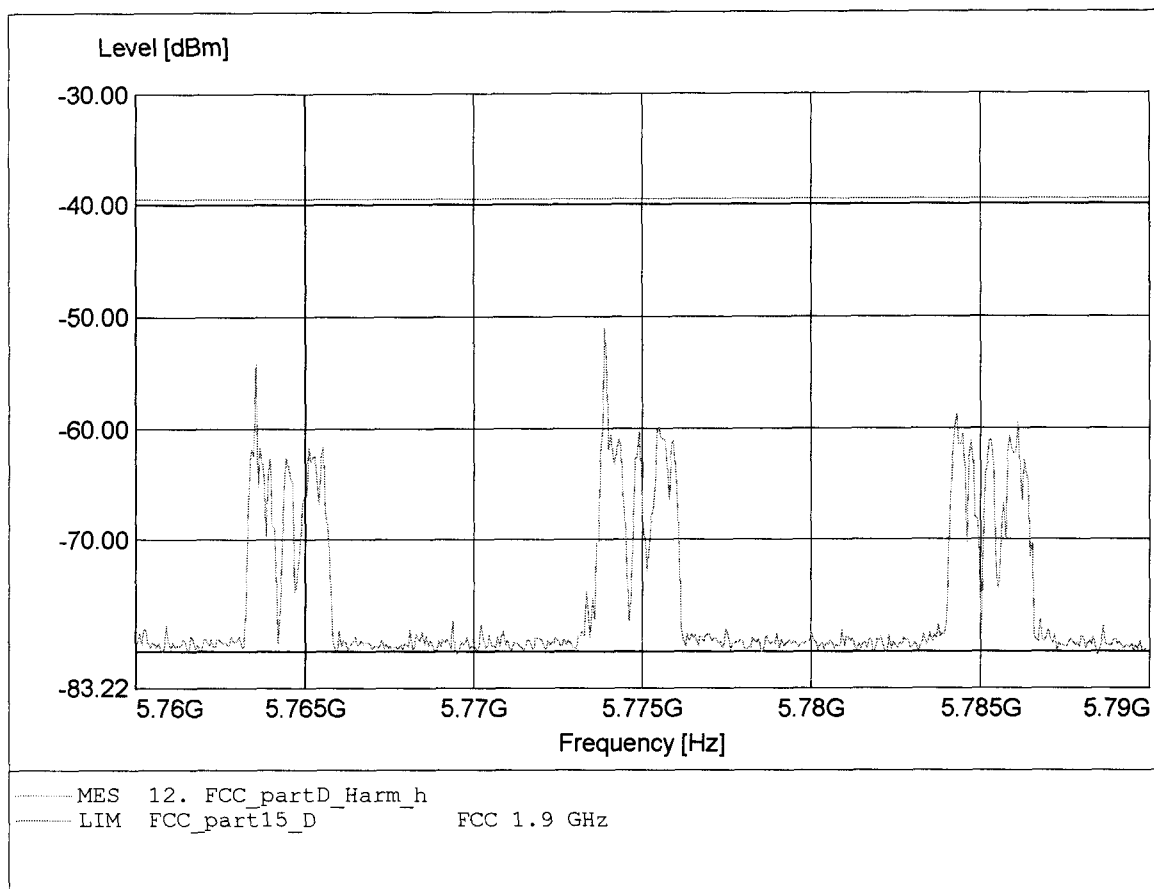
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:5.763GHz Pmax:-58.19dBm RBW:10 kHz



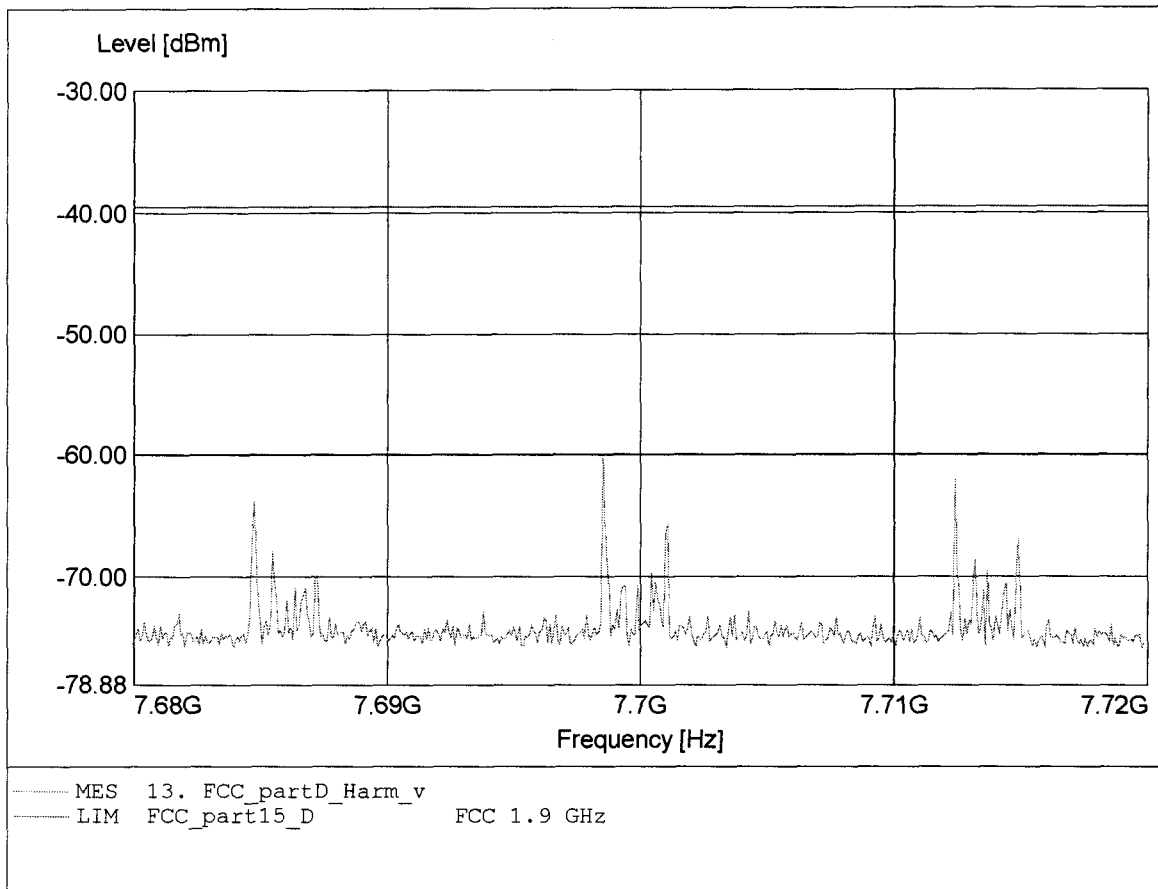
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:5.774GHz Pmax:-50.87dBm RBW:10 kHz



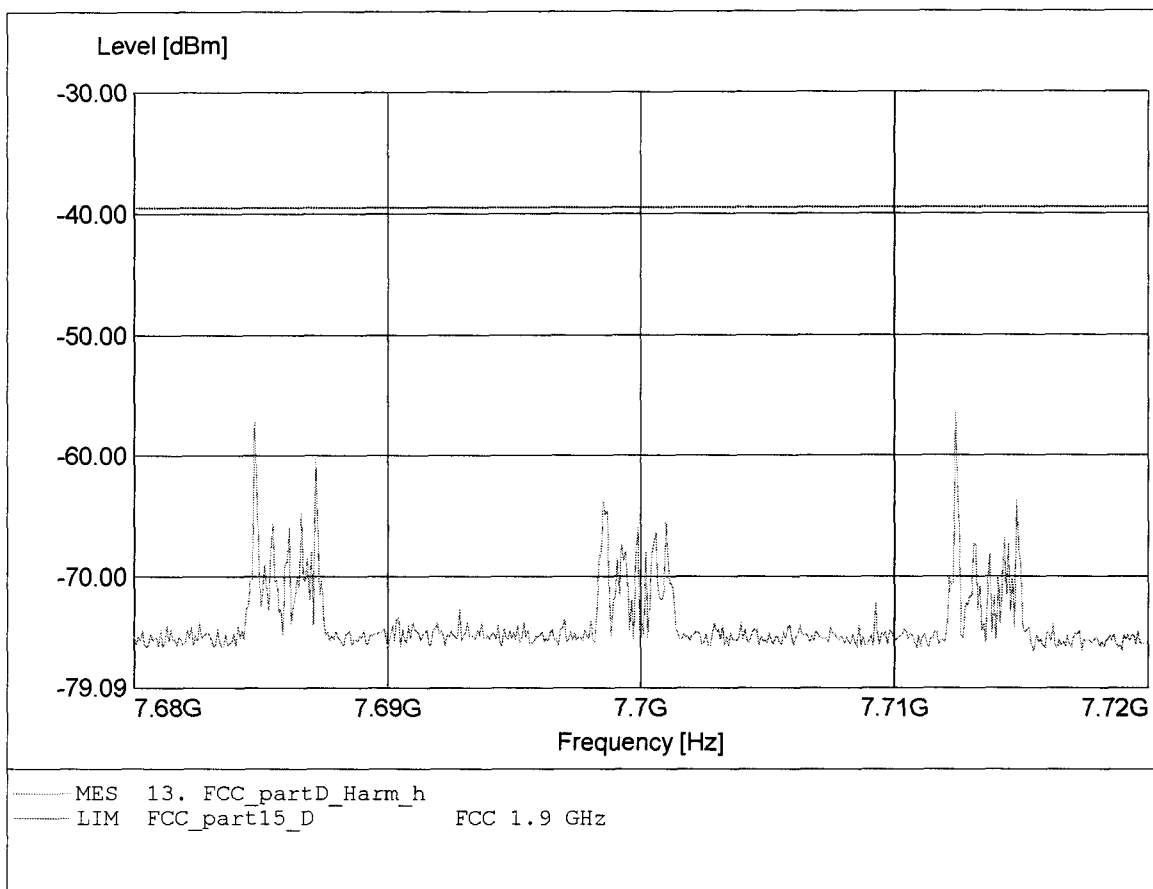
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:7.699GHz Pmax:-60.00dBm RBW:10 kHz



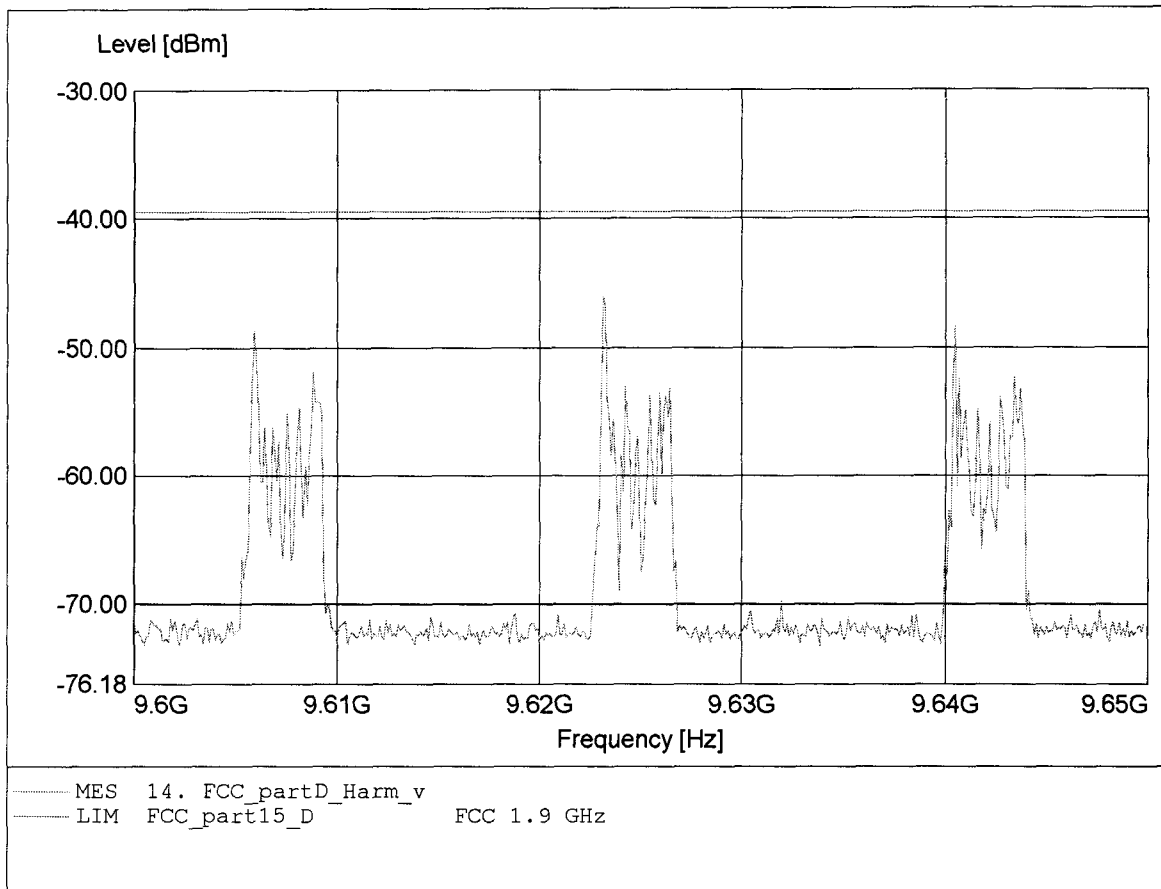
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq: 7.712GHz Pmax: -56.53dBm RBW: 10 kHz



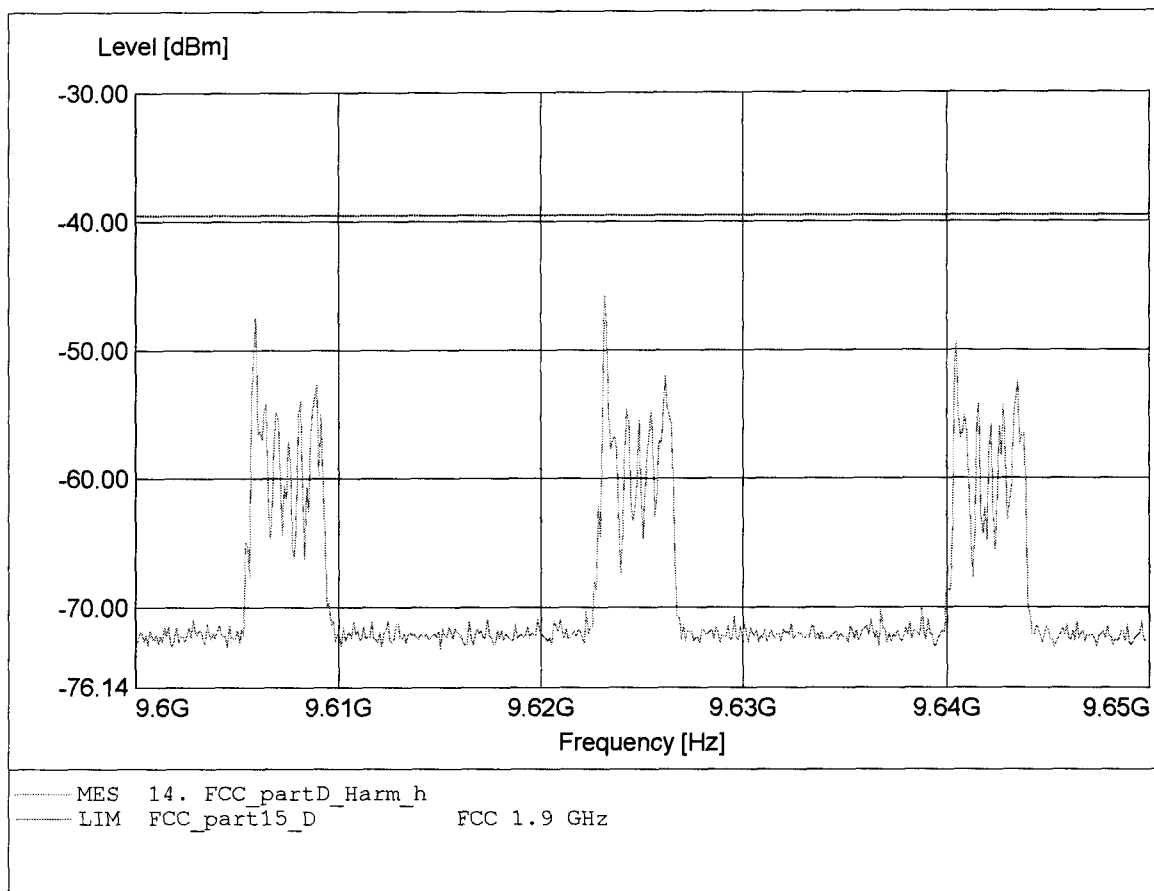
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq: 9.623GHz Pmax: -46.04dBm RBW: 10 kHz



**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

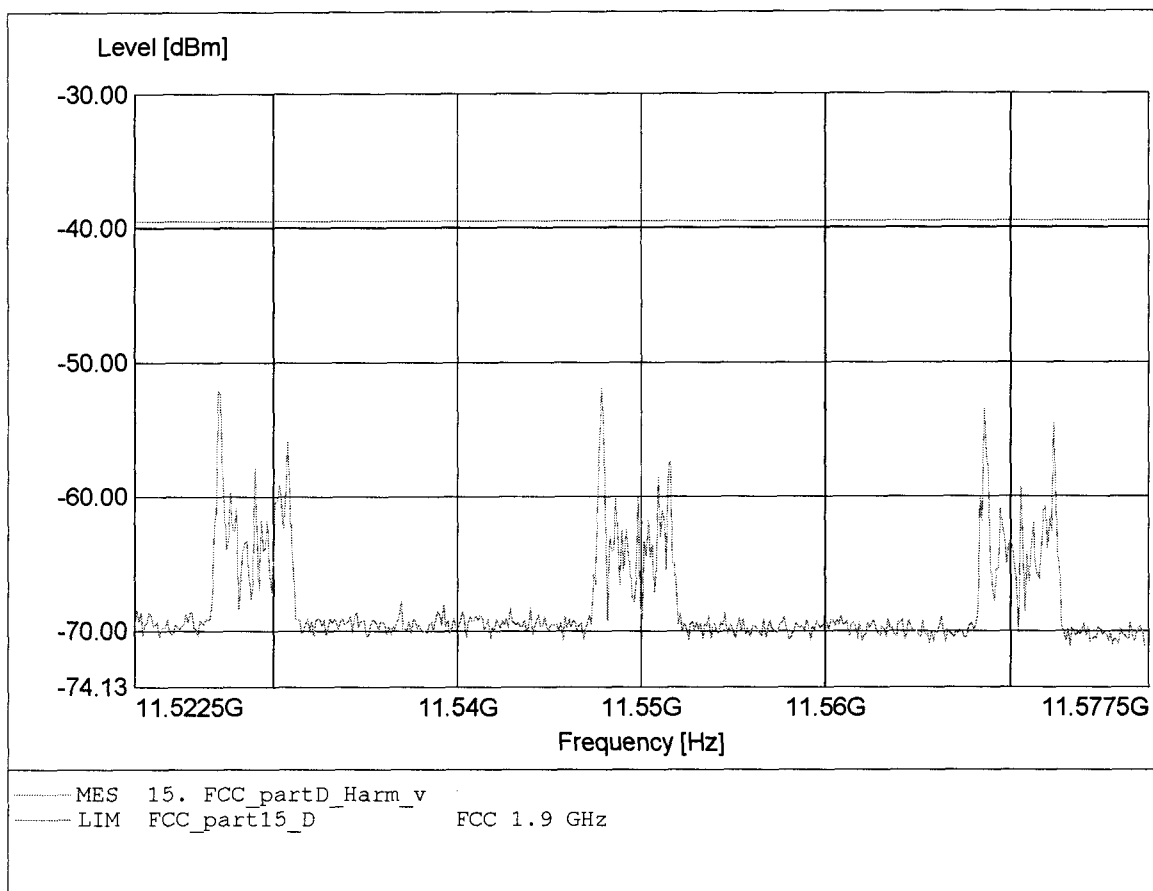
Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq: 9.623GHz Pmax: -45.55dBm RBW: 10 kHz





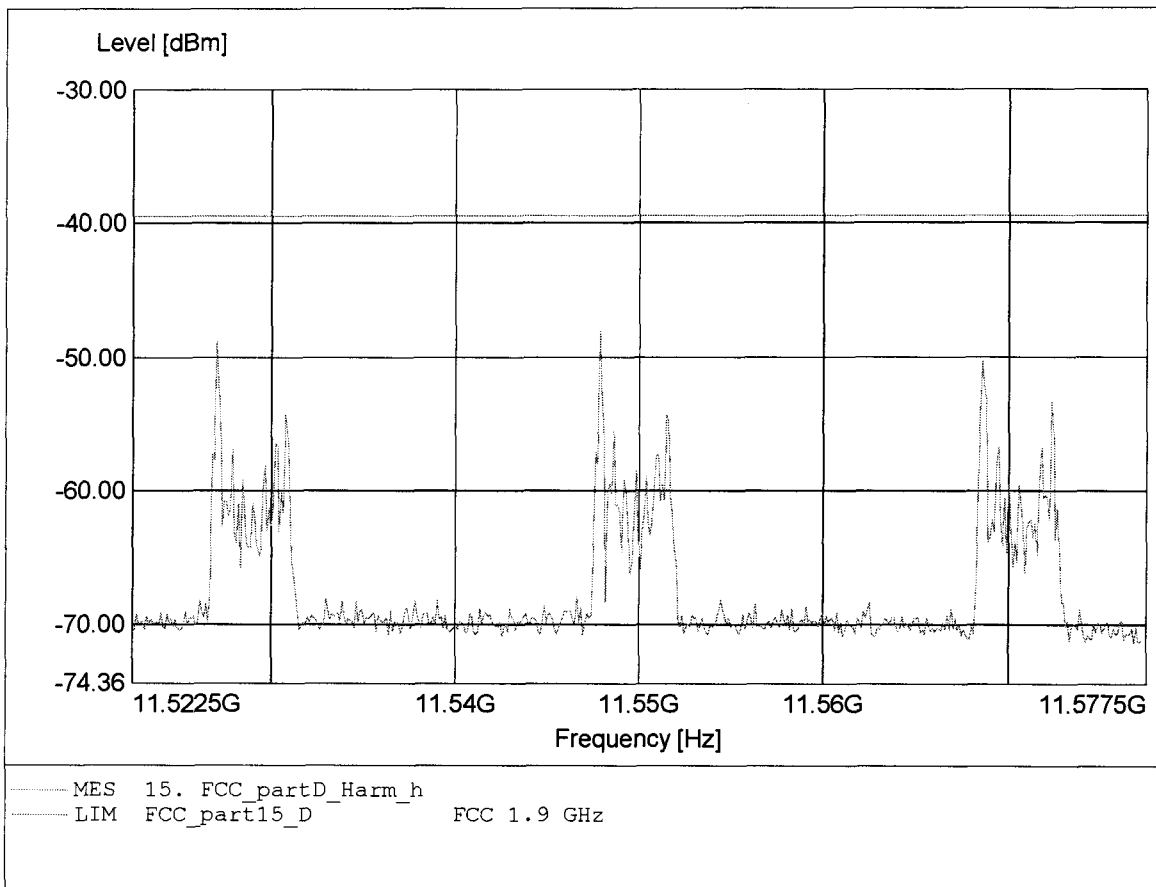
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:11.548GHz Pmax:-51.93dBm RBW:10 kHz



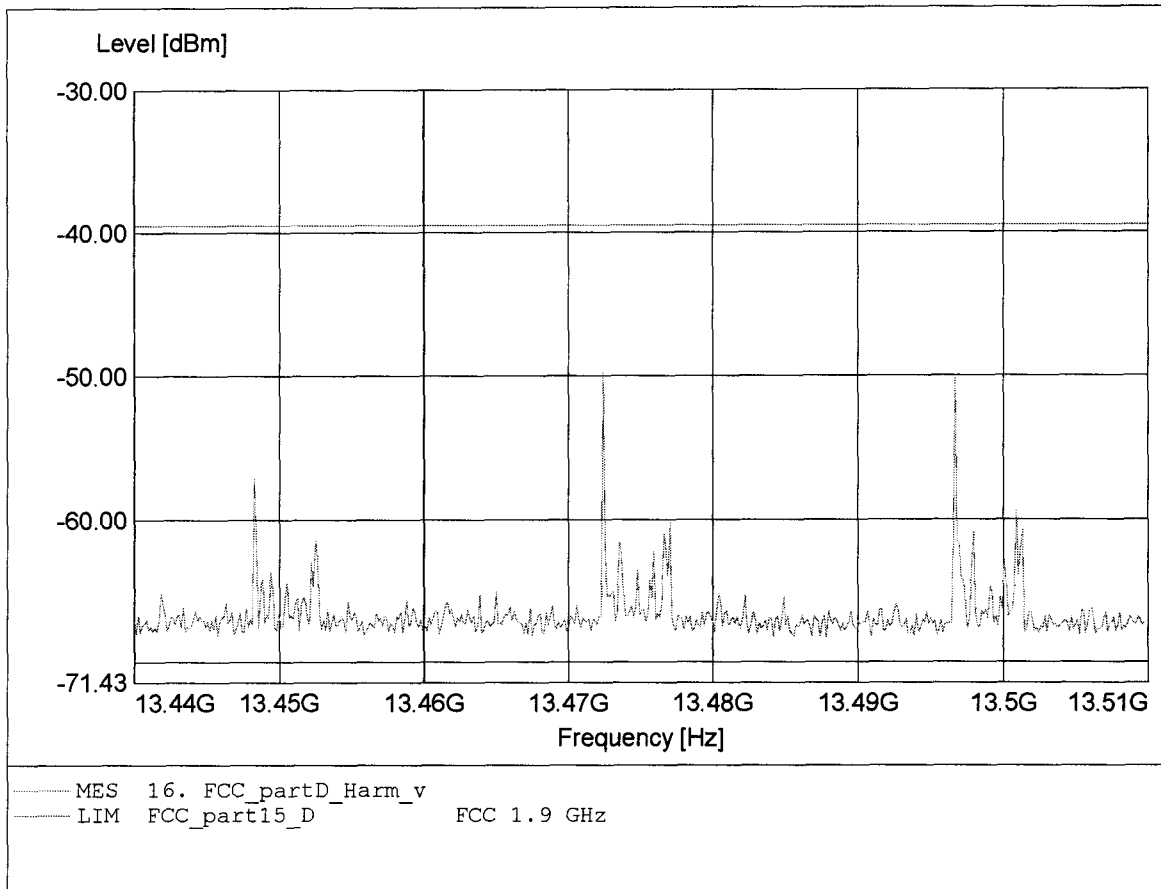
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:11.548GHz Pmax:-47.93dBm RBW:10 kHz



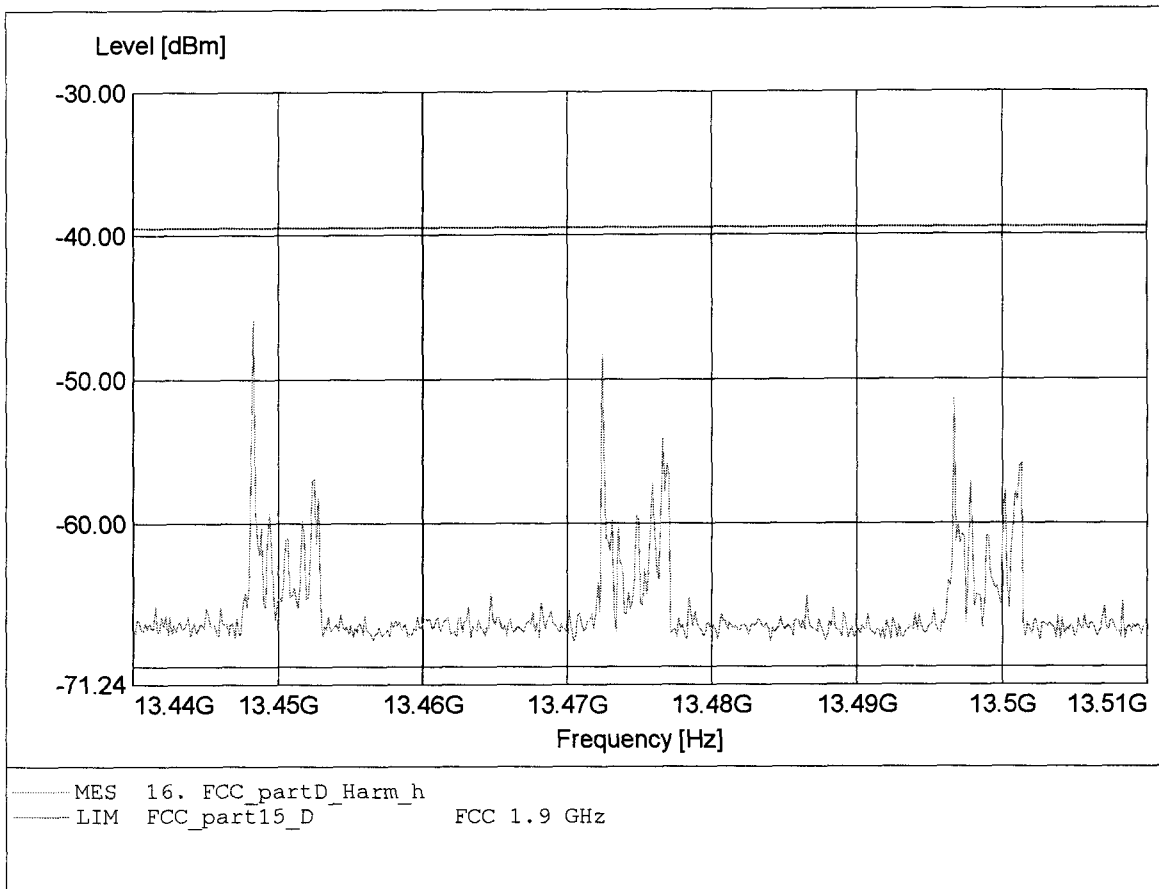
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:13.472GHz Pmax:-49.79dBm RBW:10 kHz



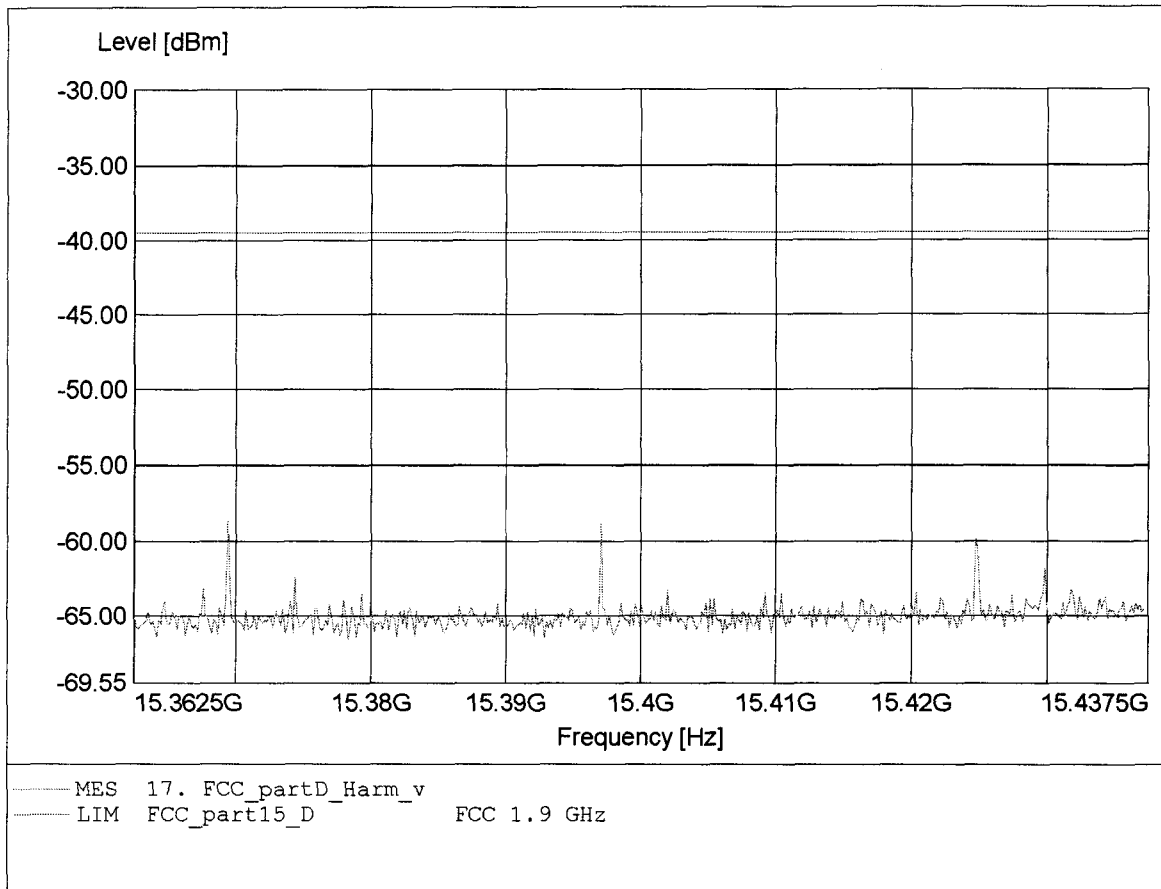
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:13.448GHz Pmax:-45.94dBm RBW:10 kHz



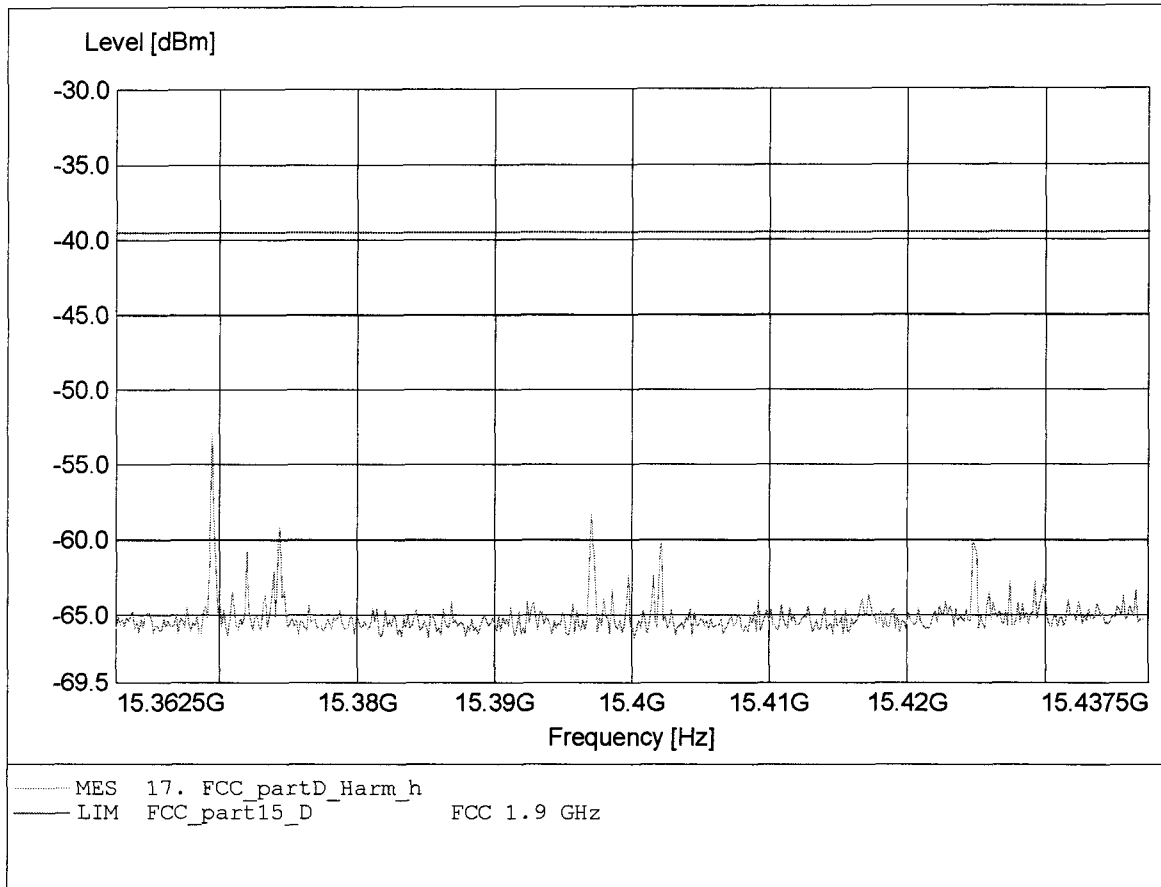
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:15.369GHz Pmax:-58.66dBm RBW:10 kHz



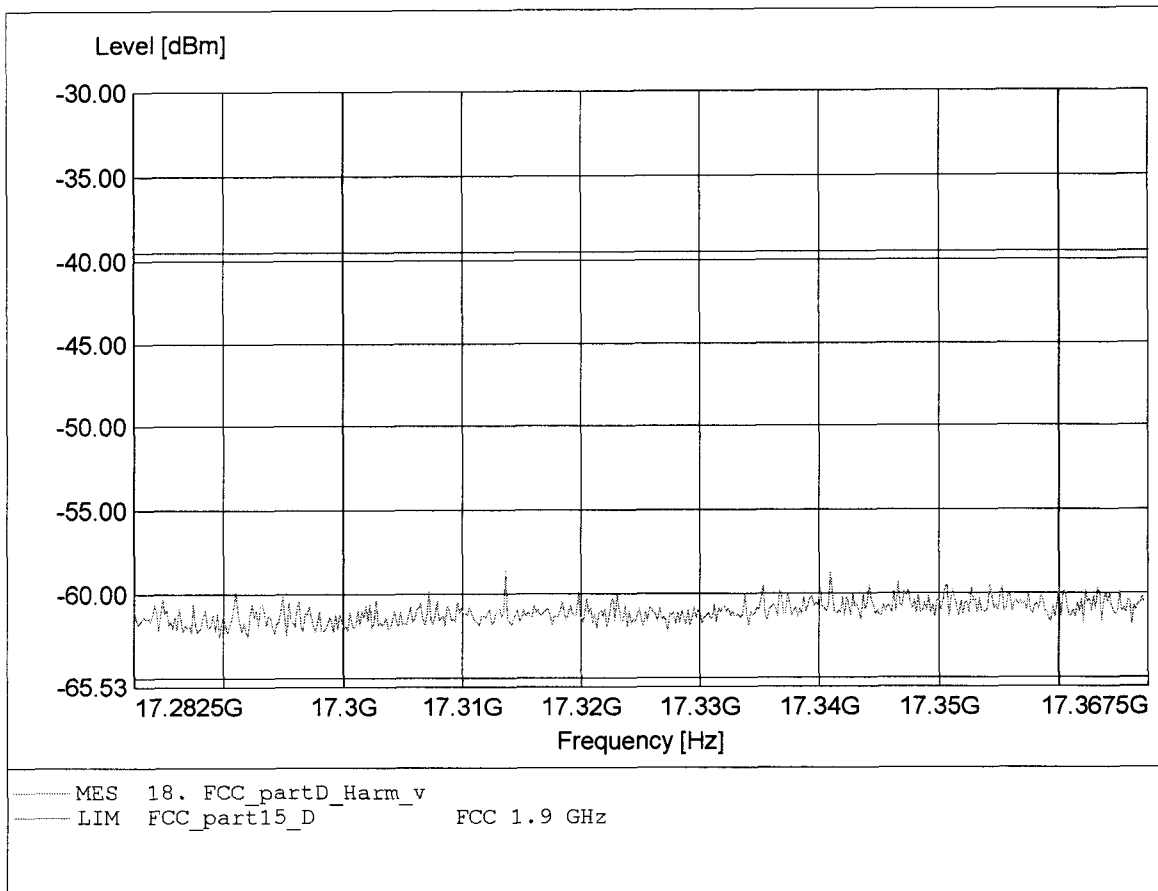
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:15.369GHz Pmax:-52.83dBm RBW:10 kHz



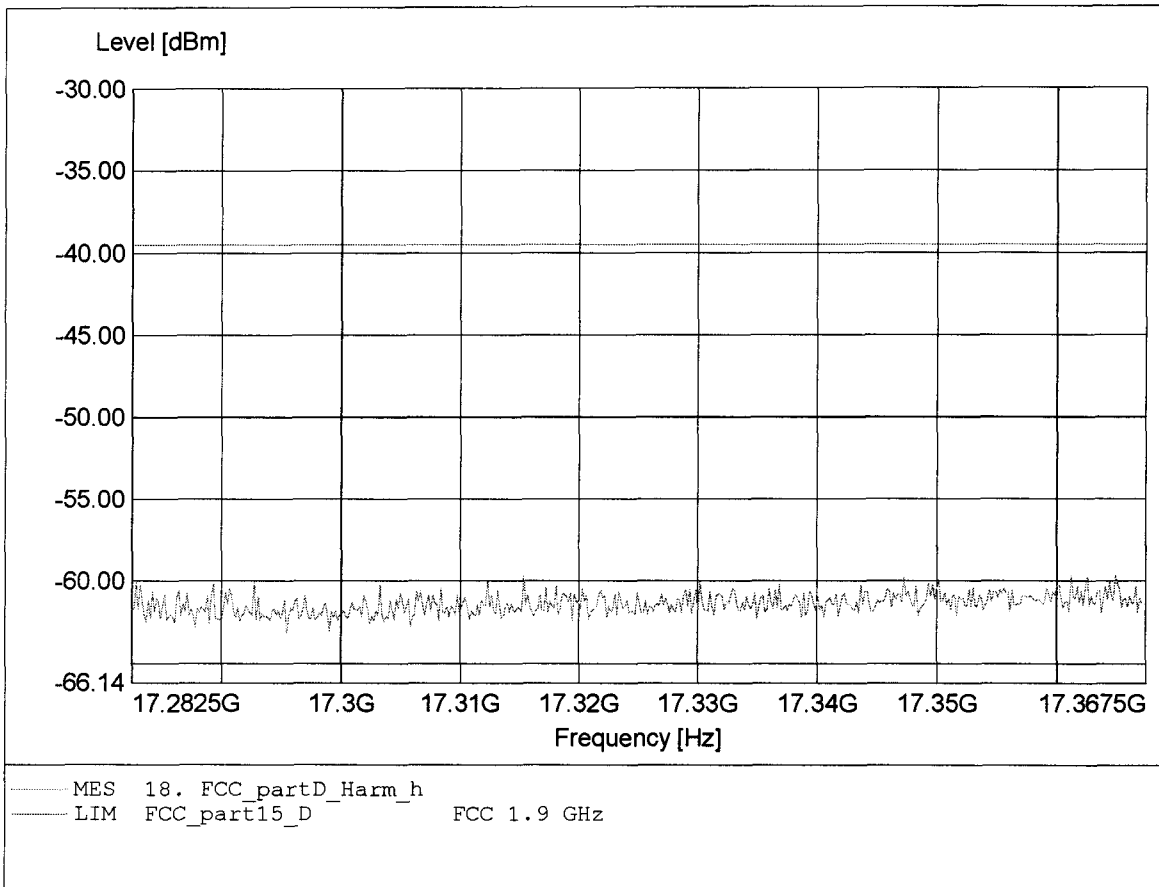
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:17.314GHz Pmax:-58.61dBm RBW:10 kHz



**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

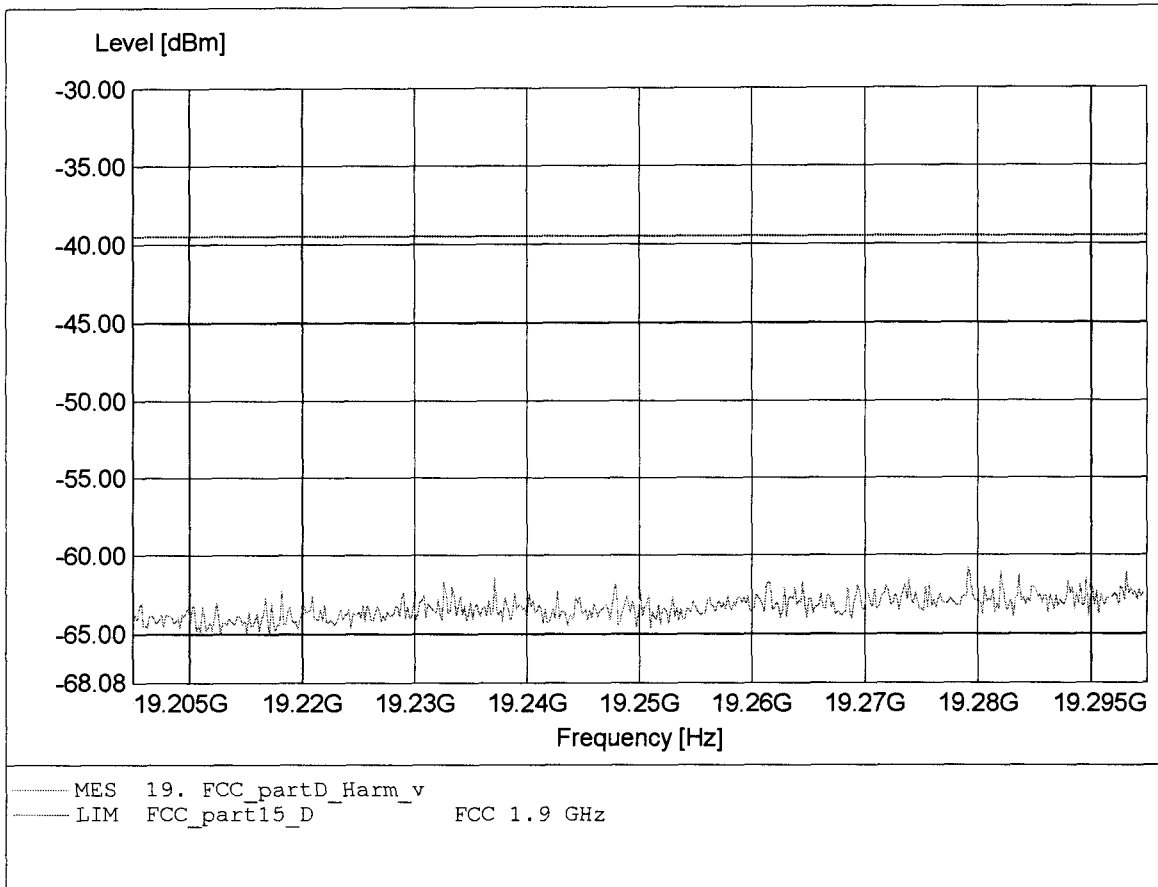
Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:17.315GHz Pmax:-59.67dBm RBW:10 kHz





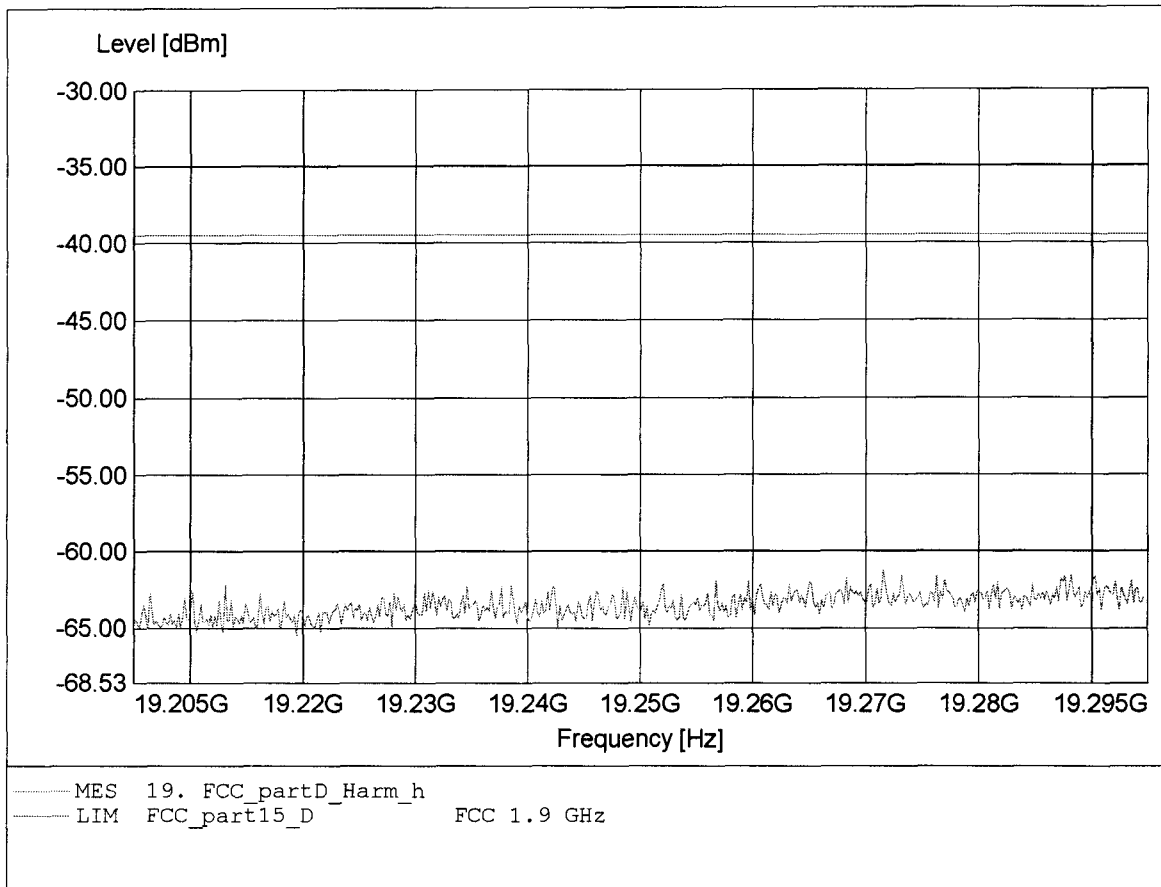
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:19.279GHz Pmax:-60.85dBm RBW:10 kHz



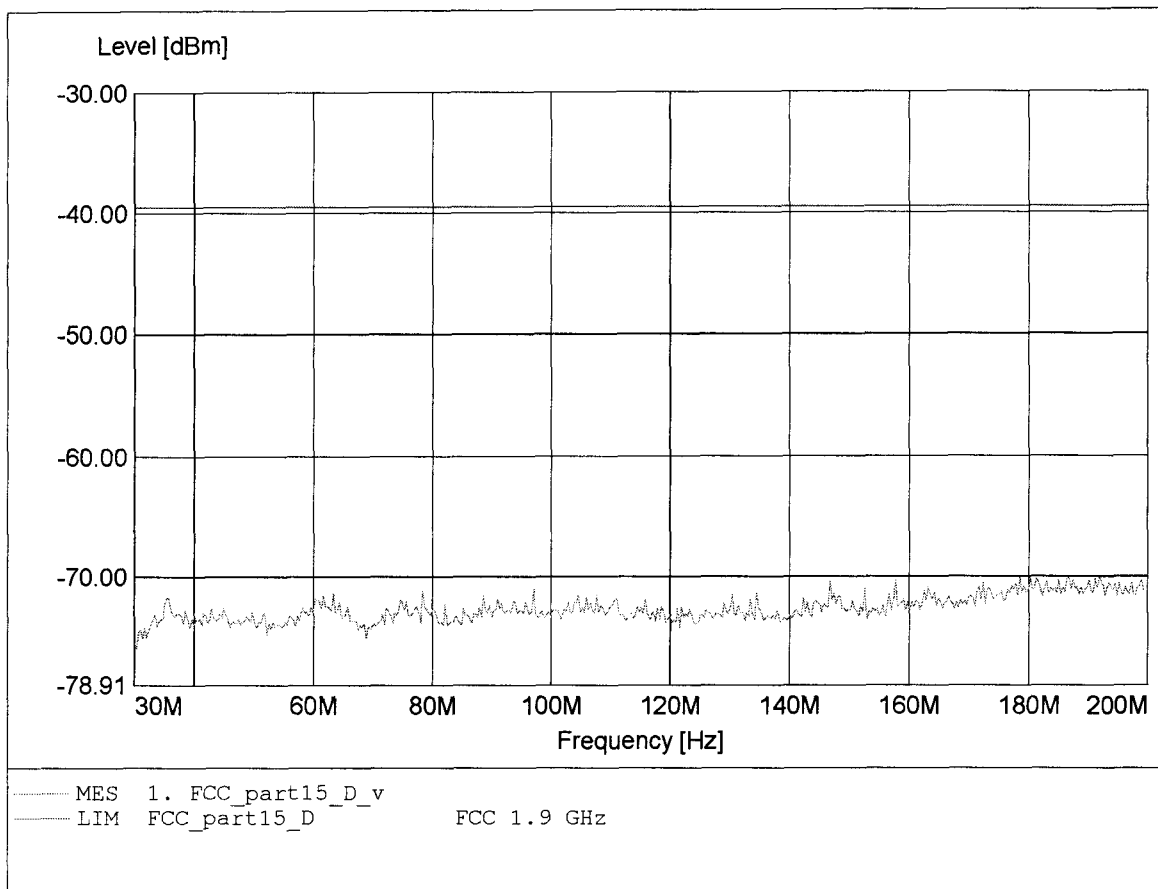
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4040) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:19.272GHz Pmax:-61.25dBm RBW:10 kHz



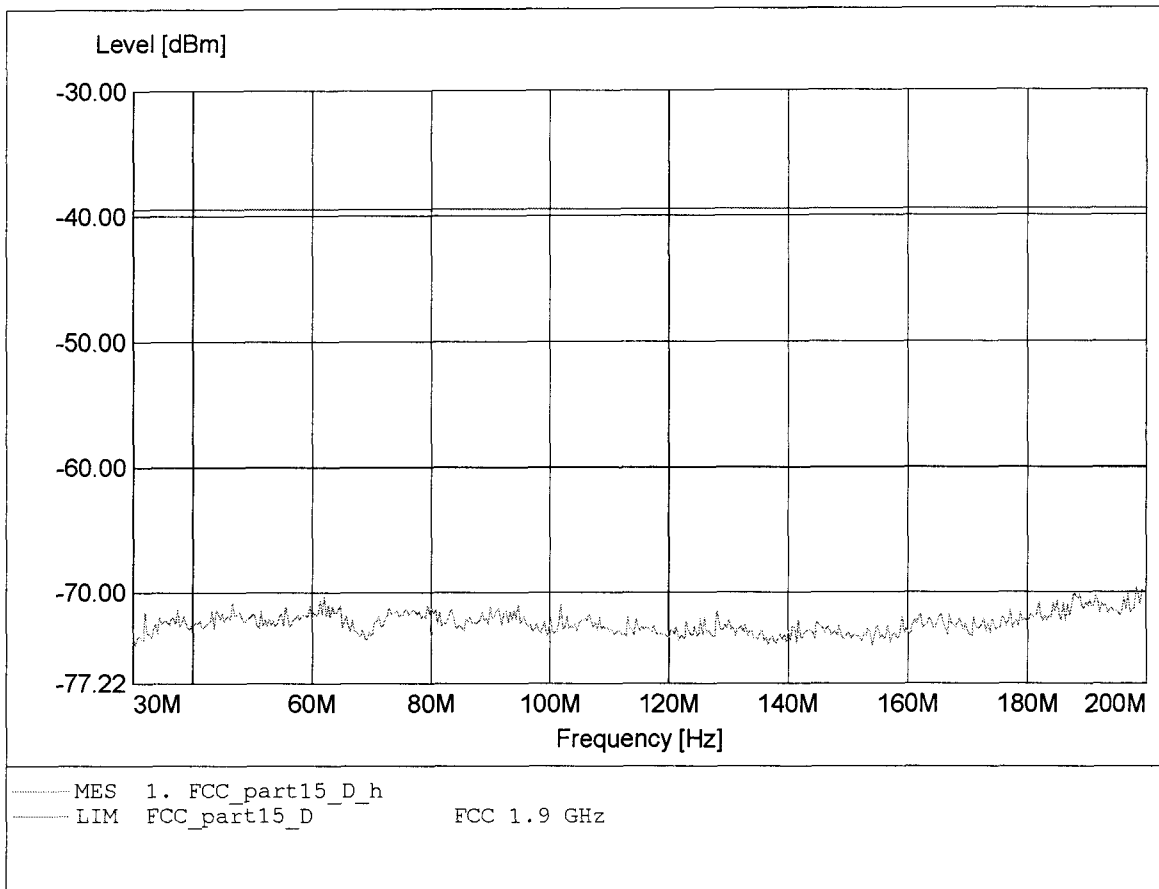
**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 2  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: HK 116,  
Comment 2: Freq:191.824MHz Pmax:-70.06dBm RBW: 100 kHz



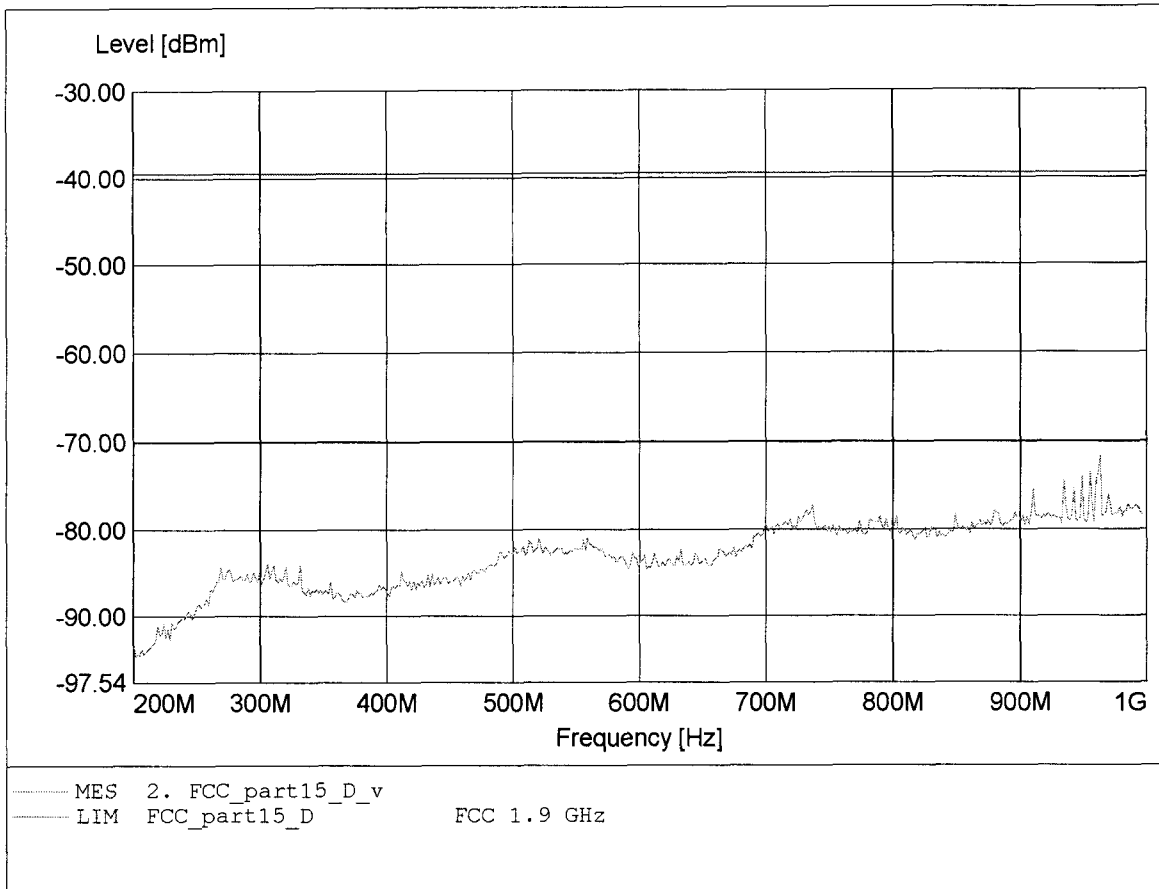
**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 2  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: HK 116,  
Comment 2: Freq:198.297MHz Pmax:-69.63dBm RBW: 100 kHz



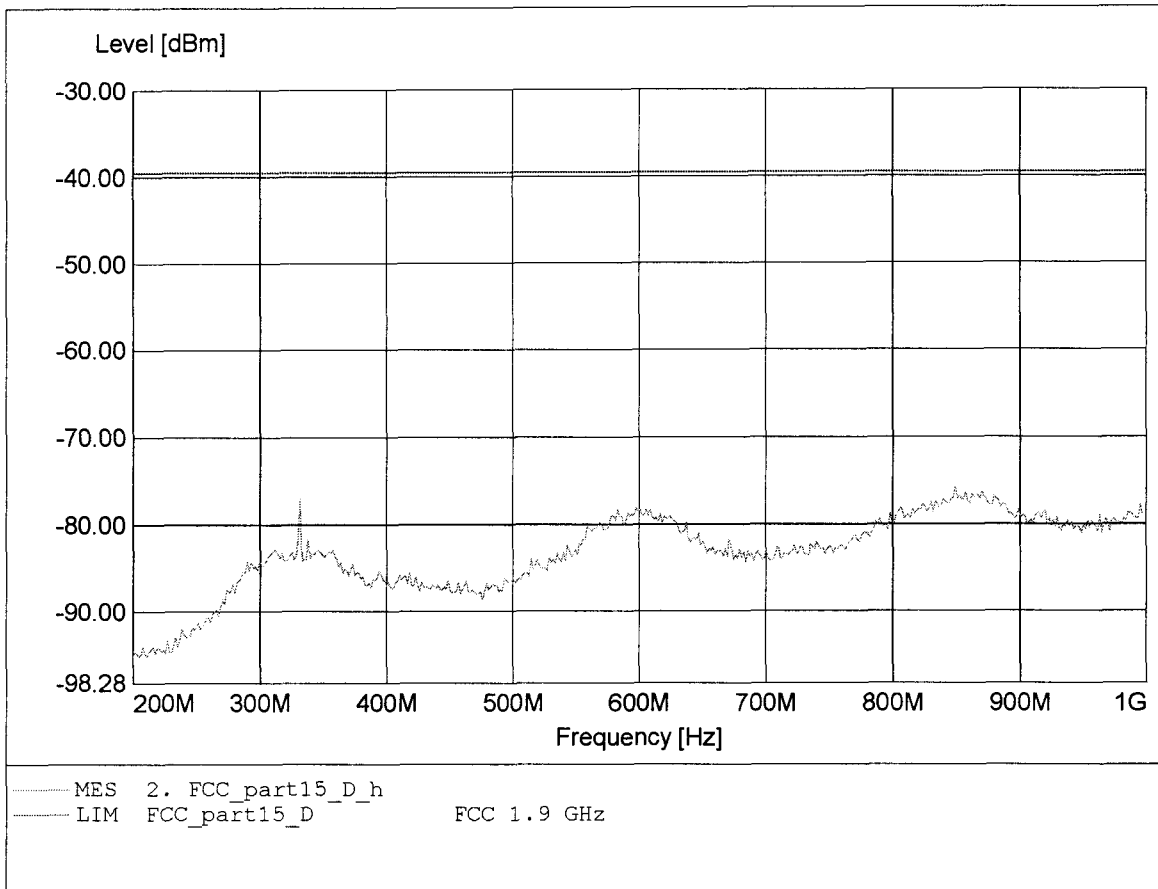
**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 2  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.  
Comment 2: Freq:963.126MHz Pmax:-71.68dBm RBW: 100 kHz



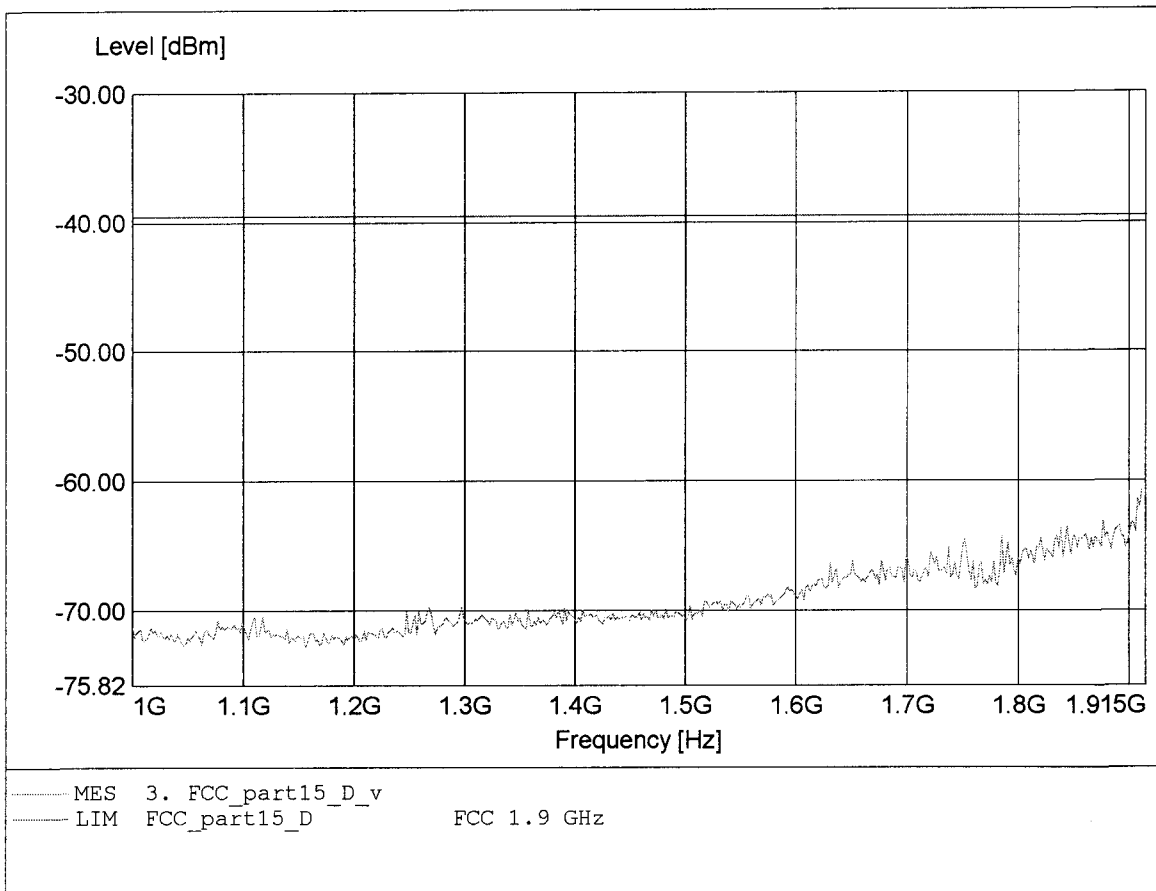
**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 2  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.  
Comment 2: Freq:849.299MHz Pmax:-75.72dBm RBW: 100 kHz



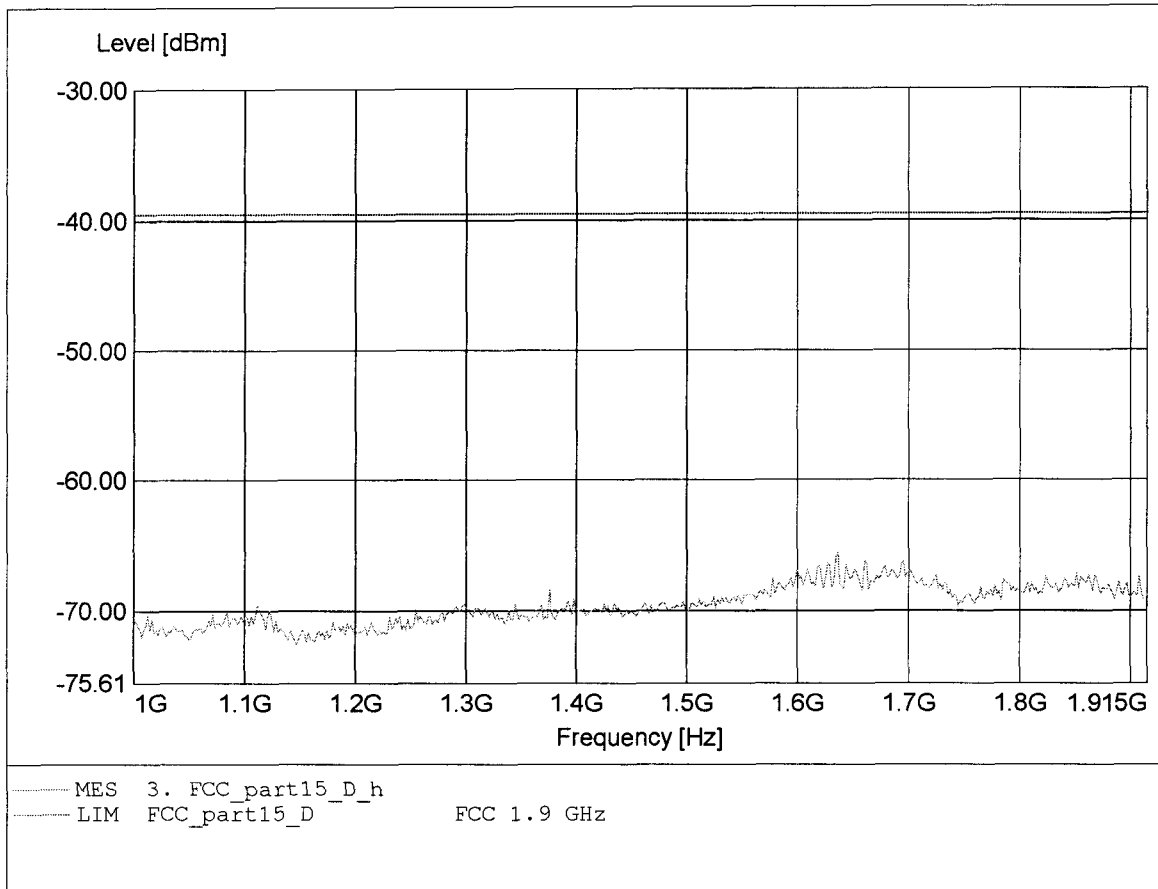
**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:1.911GHz Pmax:-60.77dBm RBW: 1 MHz



**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

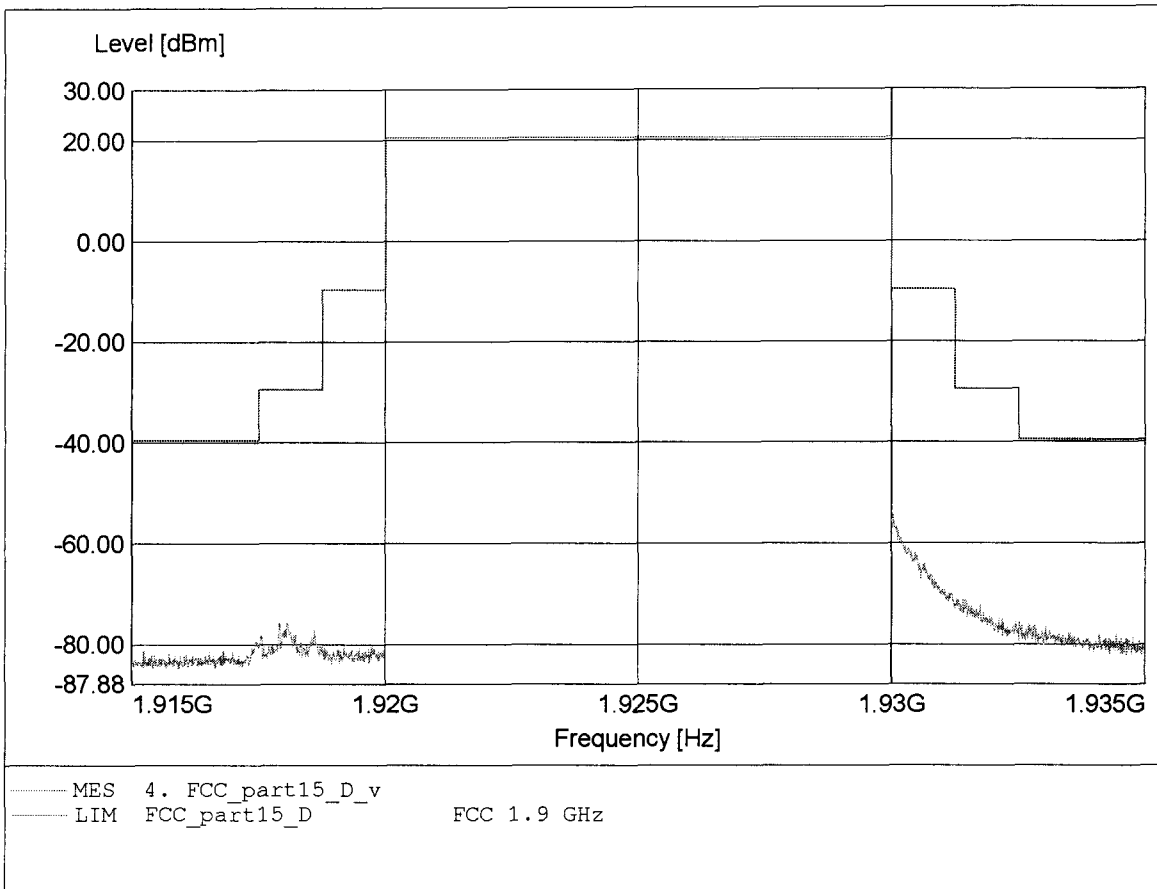
Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:1.636GHz Pmax:-65.51dBm RBW: 1 MHz





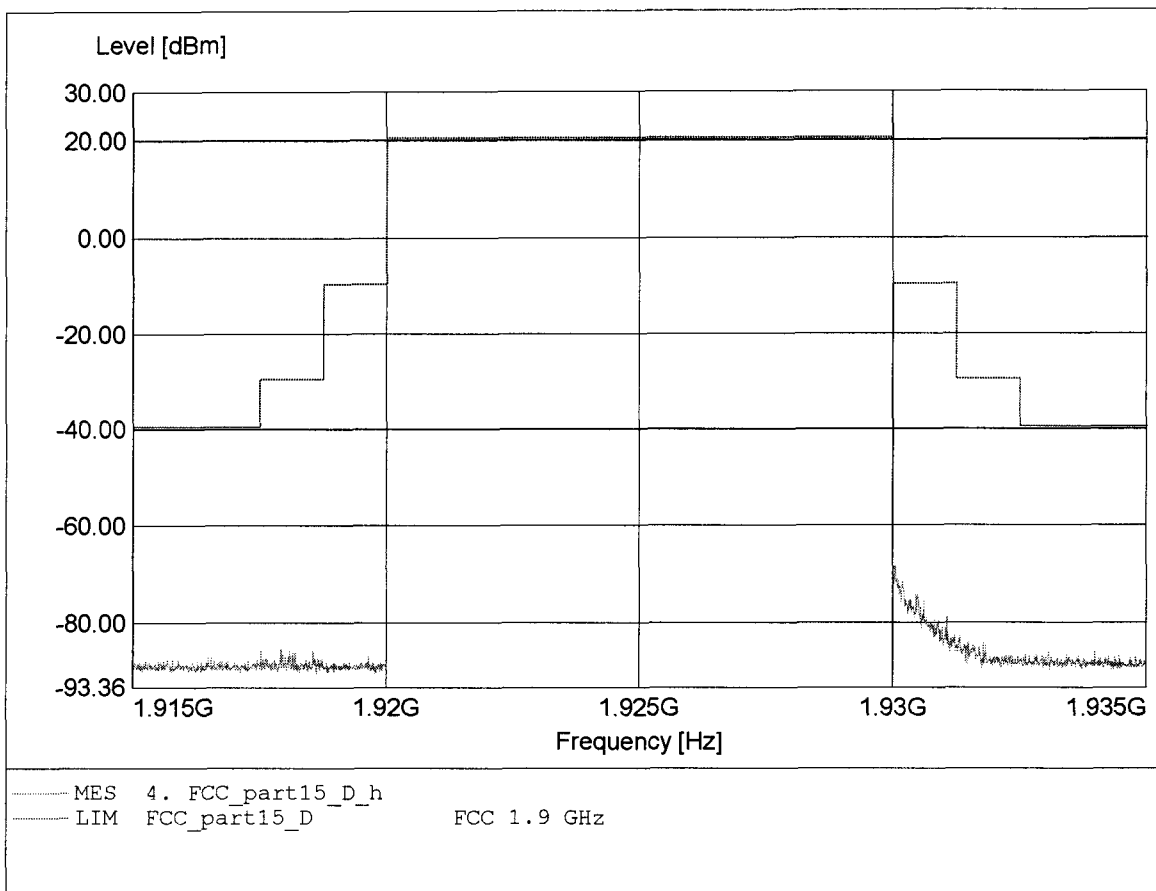
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:1.930GHz Pmax:-54.33dBm RBW:10 kHz



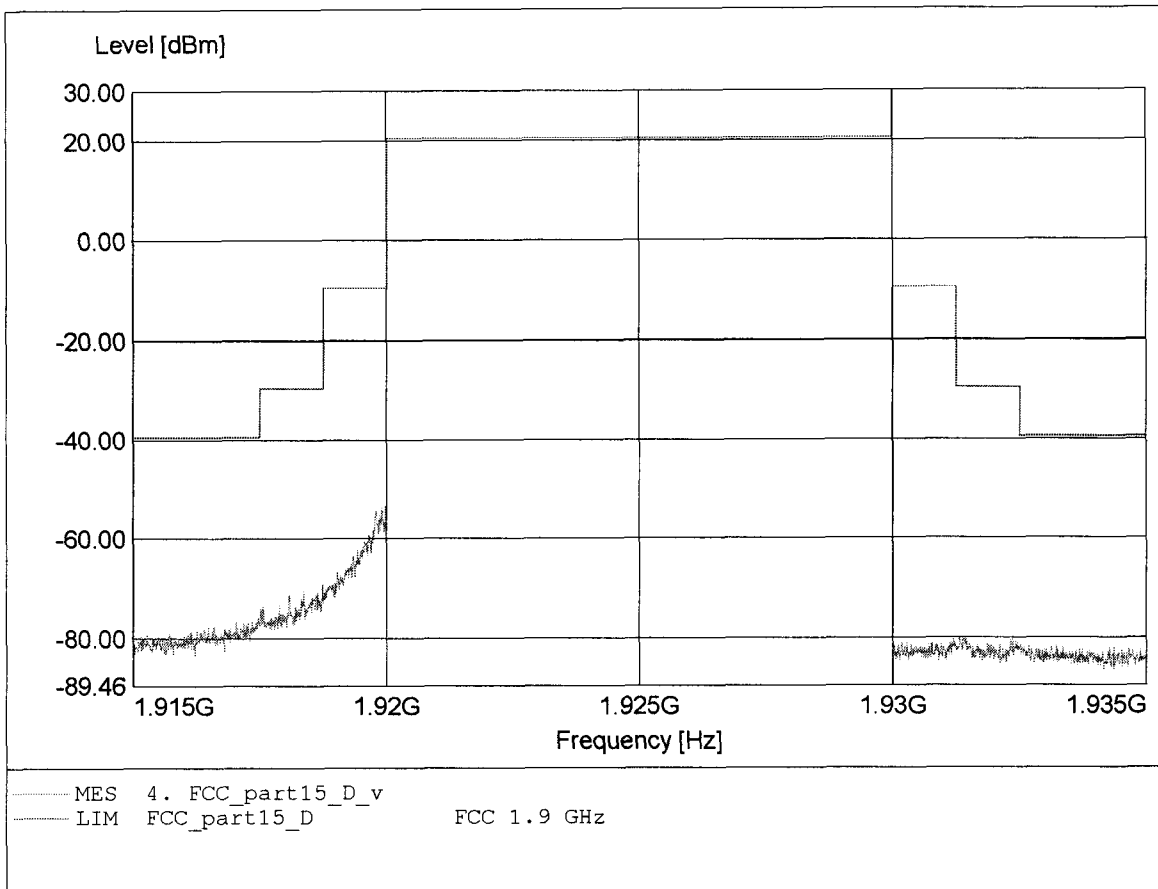
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
 EUT: 1.9 GHz Communication System (Portable Part)  
 Model: PP5N40-1G9 (4020) / Ch.: 0  
 Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
 Test Site / Operator: ETS / Mr. Handrik  
 Test Specification: Fully anechoic chamber / mode: Tx  
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
 Comment 2: Freq:1.930GHz Pmax:-68.49dBm RBW:10 kHz



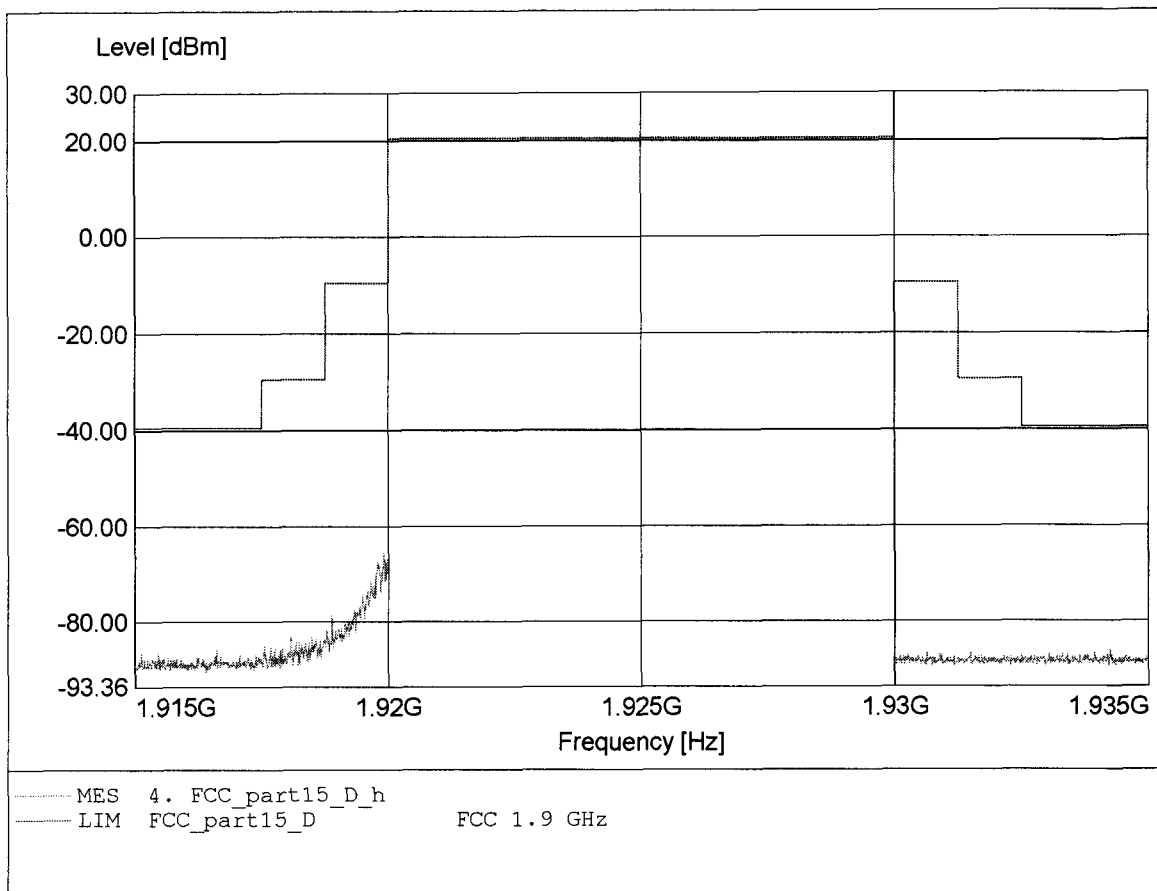
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:1.920GHz Pmax:-53.43dBm RBW:10 kHz



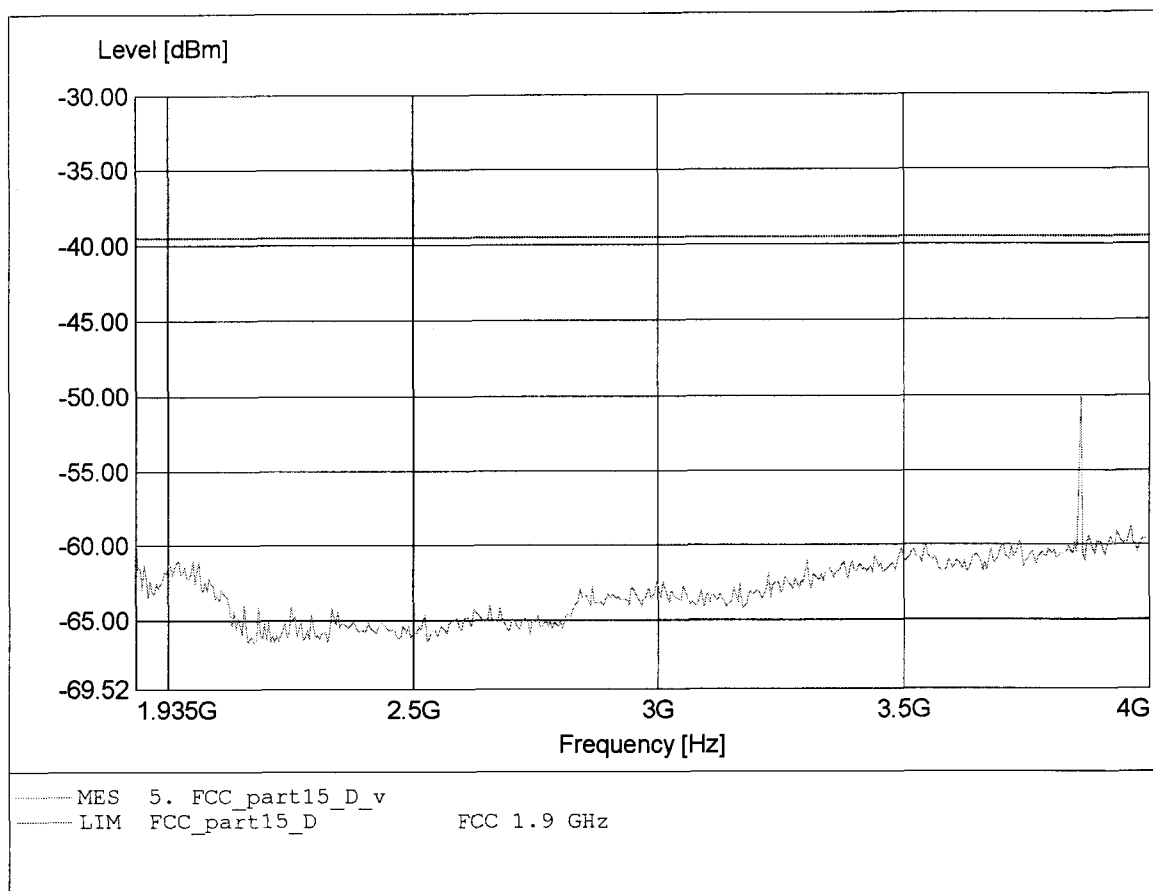
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:1.920GHz Pmax:-65.46dBm RBW:10 kHz



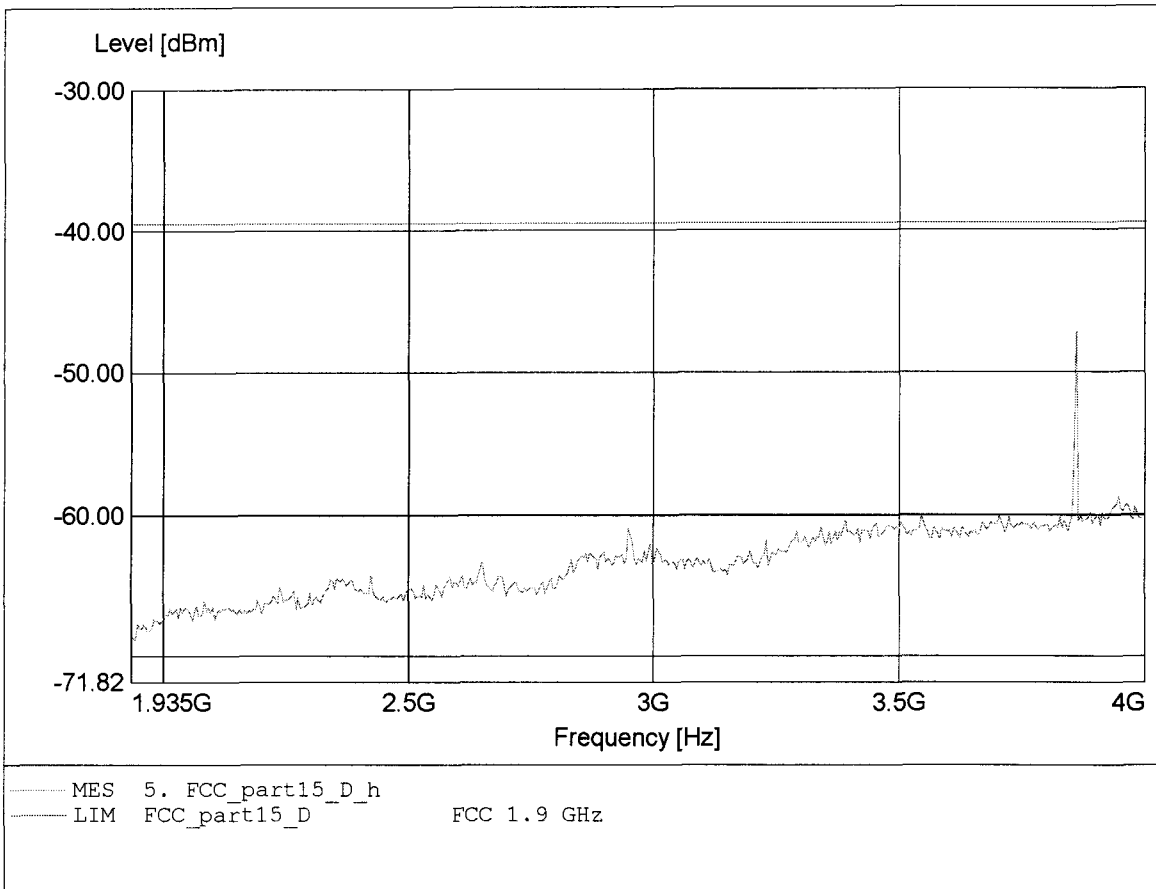
**Spurious emissions under normal conditions**  
**FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:3.859GHz Pmax:-50.12dBm RBW: 1 MHz



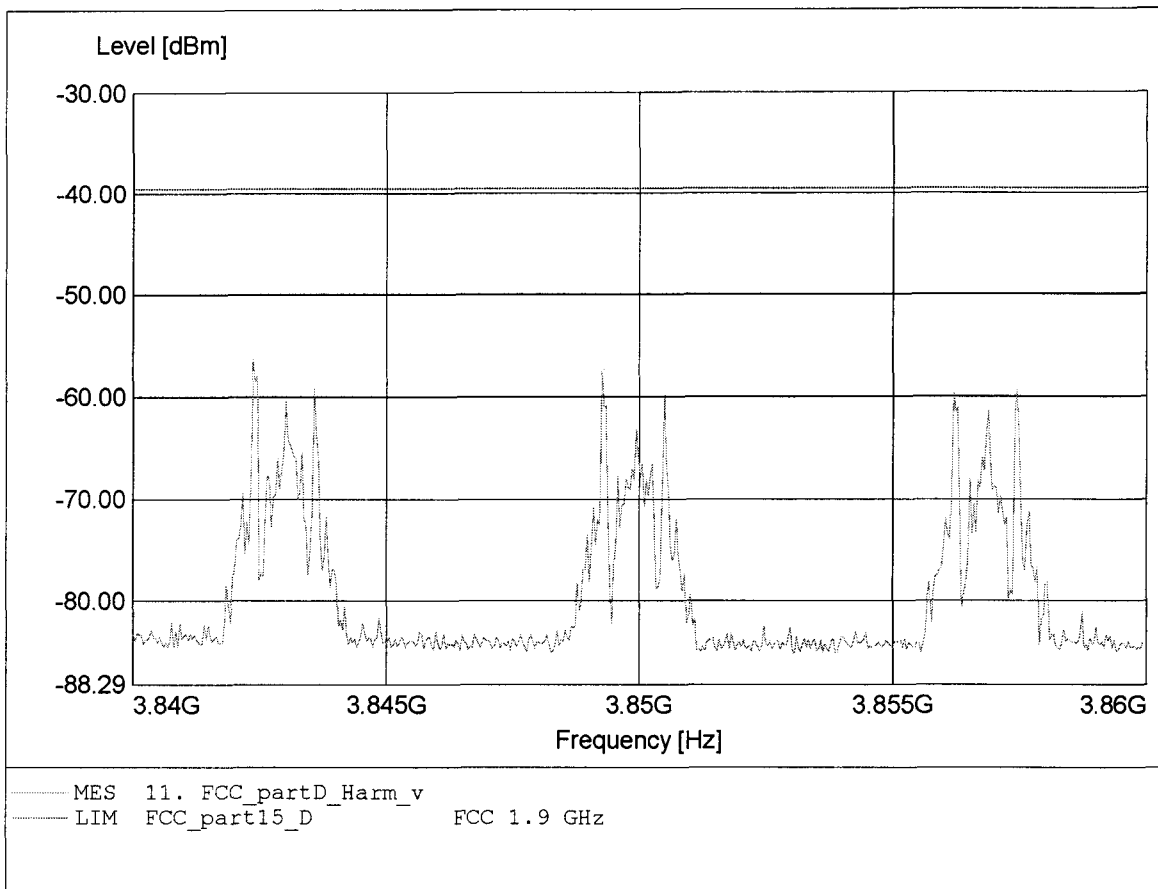
**Spurious emissions under normal conditions  
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:3.859GHz Pmax:-47.27dBm RBW: 1 MHz



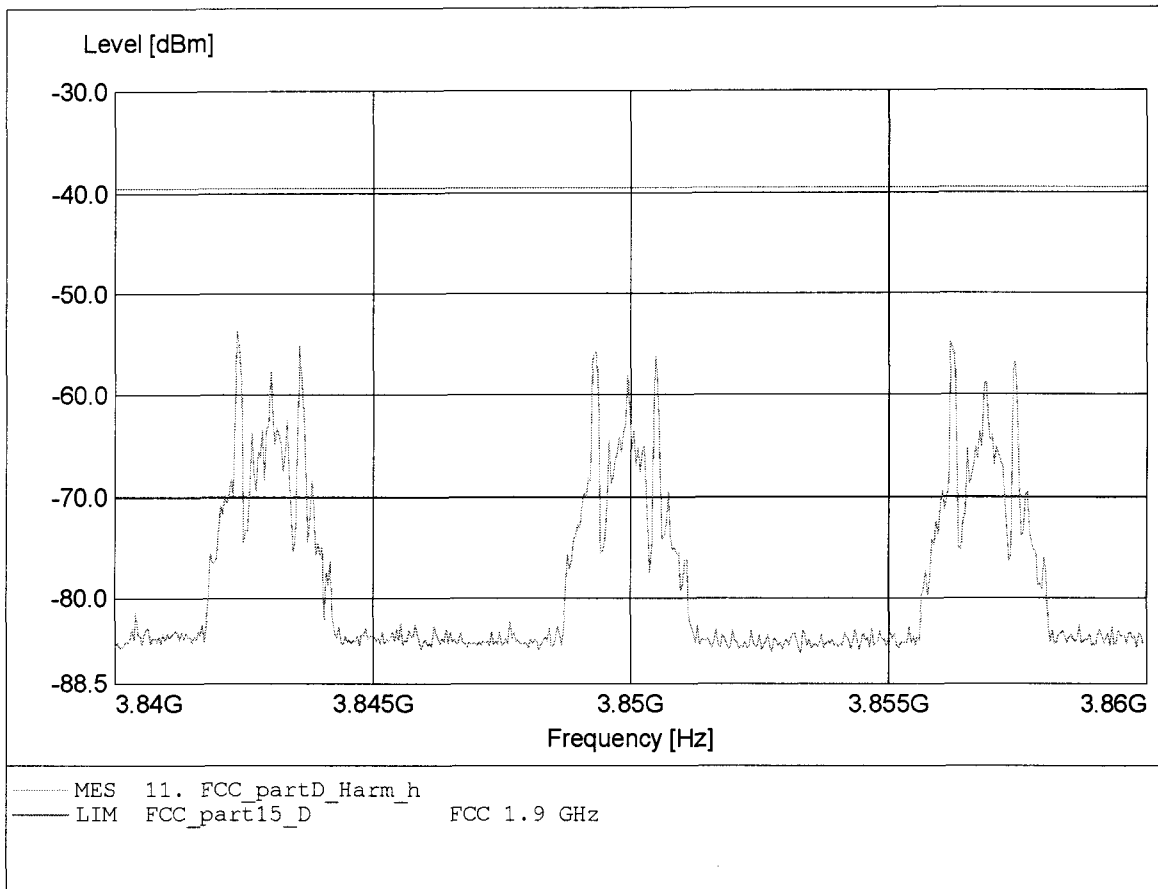
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:3.842GHz Pmax:-56.24dBm RBW:10 kHz



**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

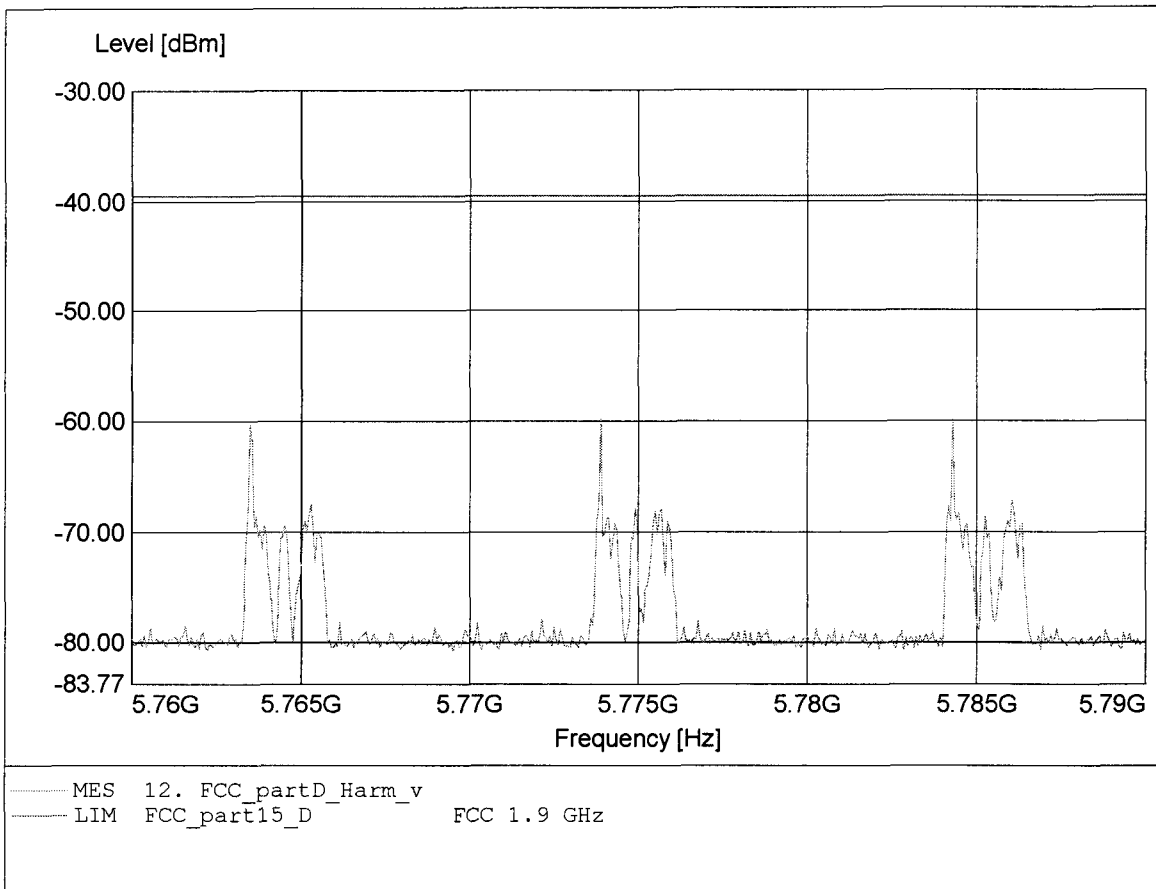
Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:3.842GHz Pmax:-53.77dBm RBW:10 kHz





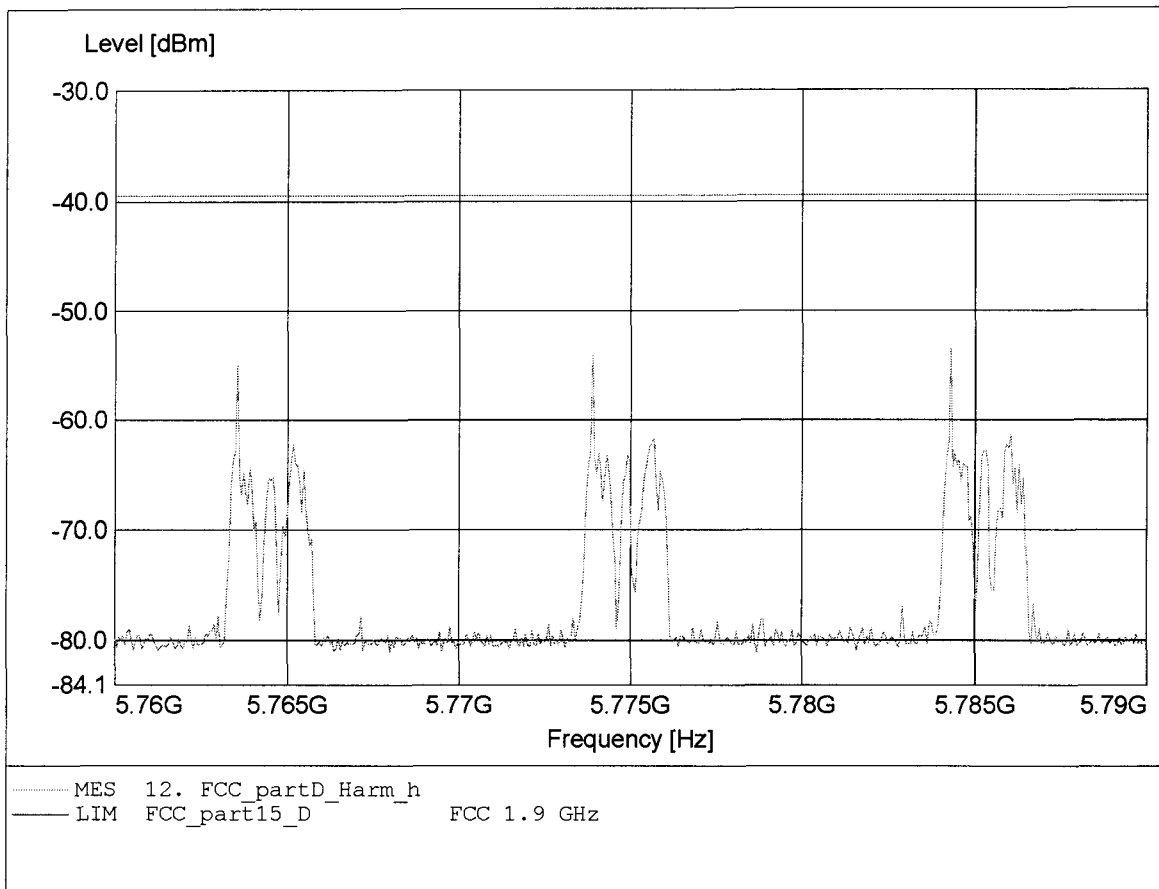
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:5.774GHz Pmax:-59.77dBm RBW:10 kHz



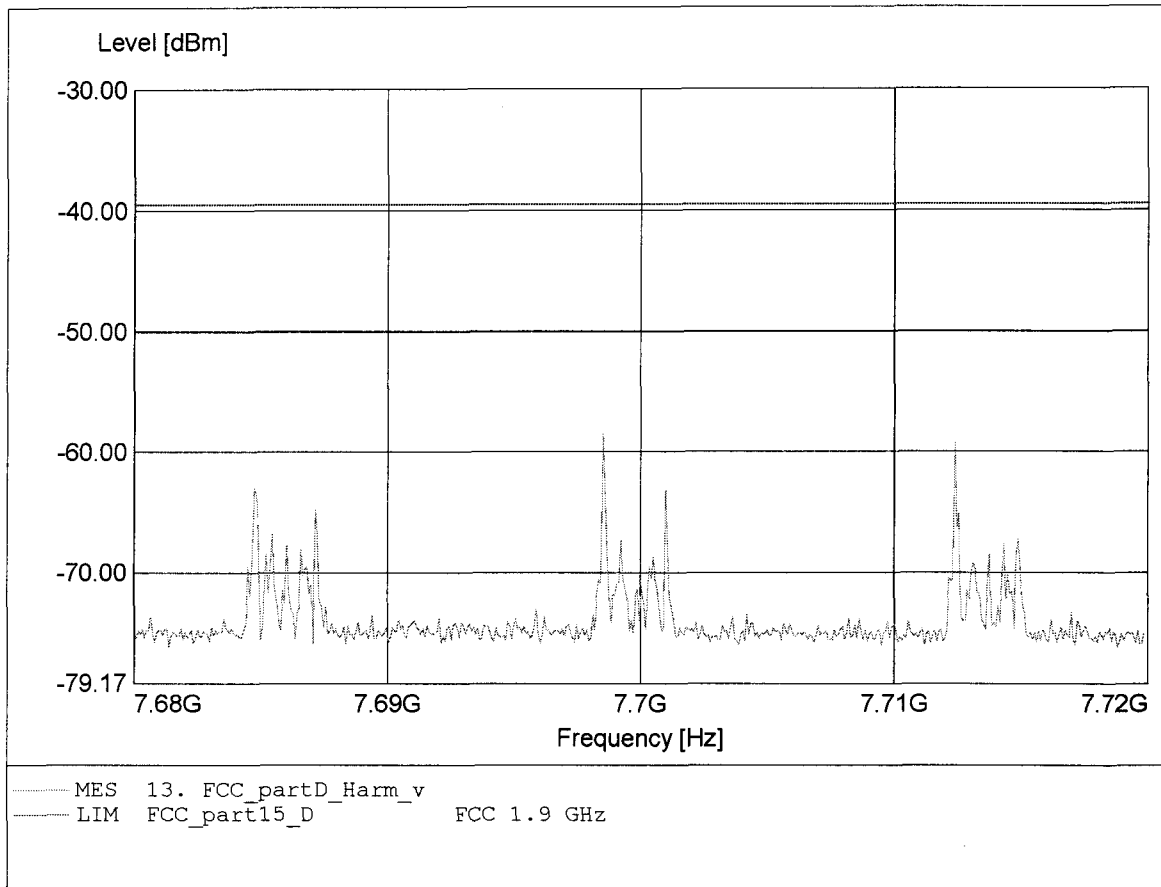
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:5.784GHz Pmax:-53.51dBm RBW:10 kHz



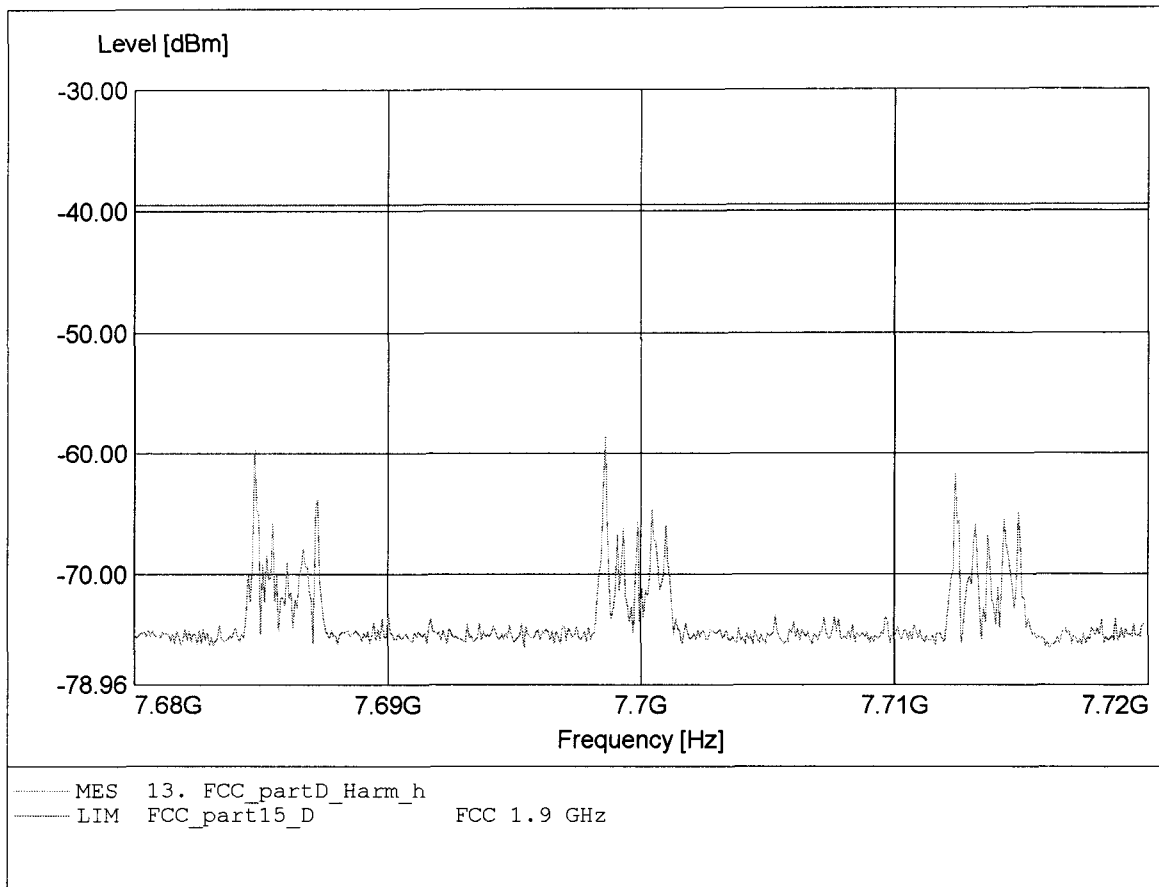
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:7.699GHz Pmax:-58.49dBm RBW:10 kHz



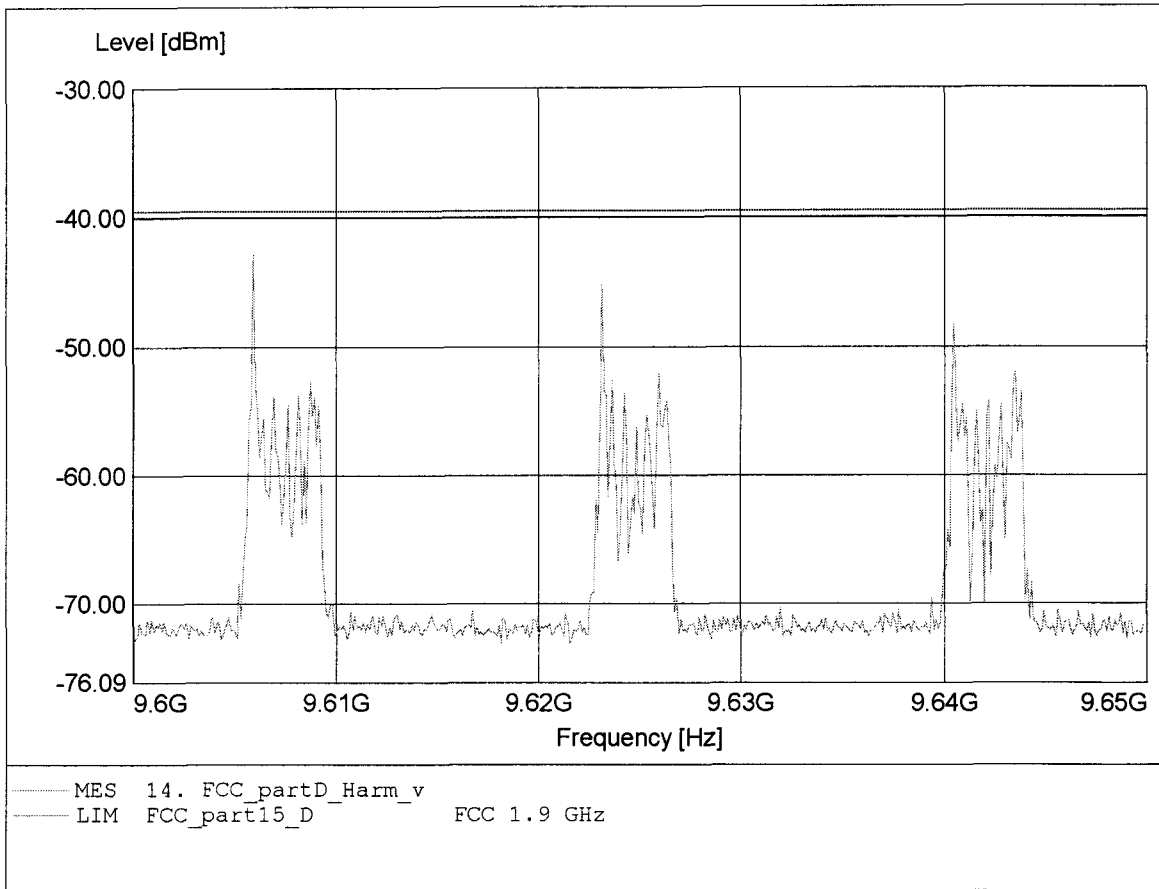
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:7.699GHz Pmax:-58.60dBm RBW:10 kHz



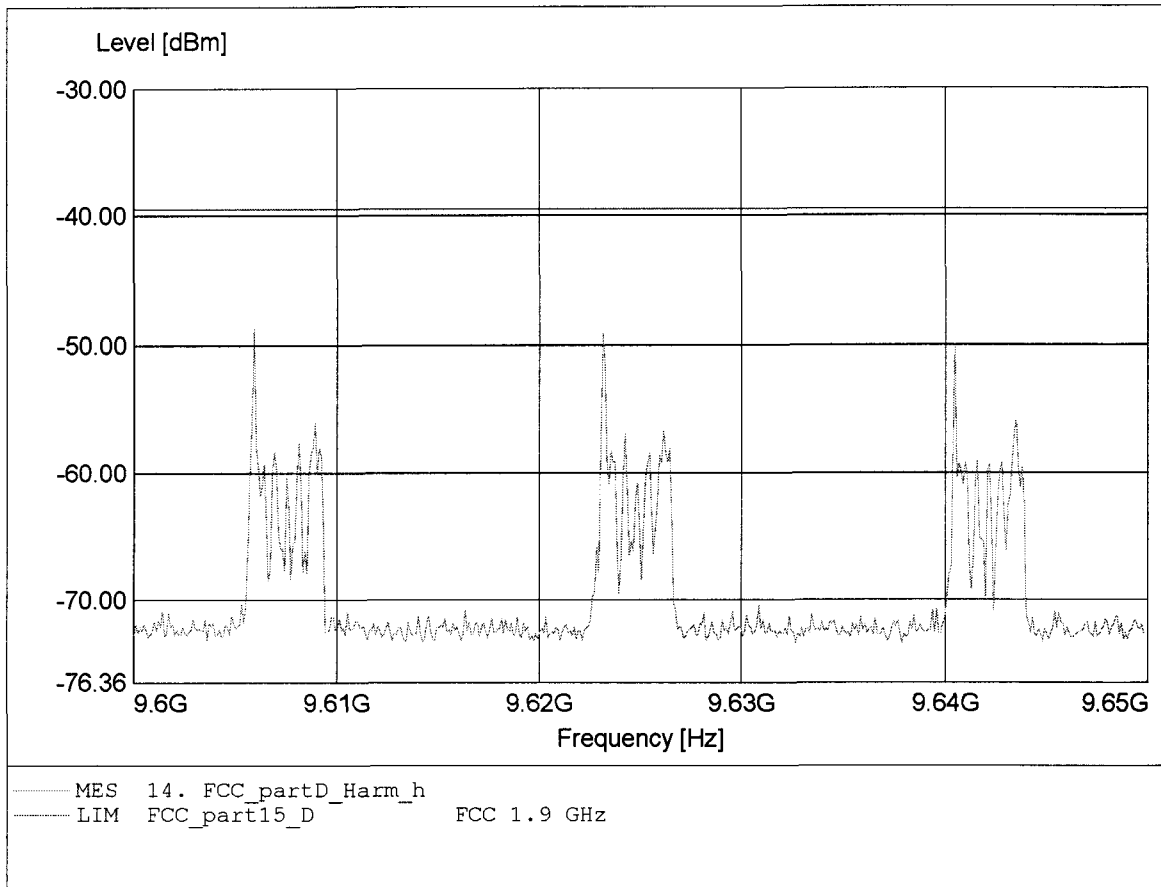
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:9.606GHz Pmax:-42.81dBm RBW:10 kHz



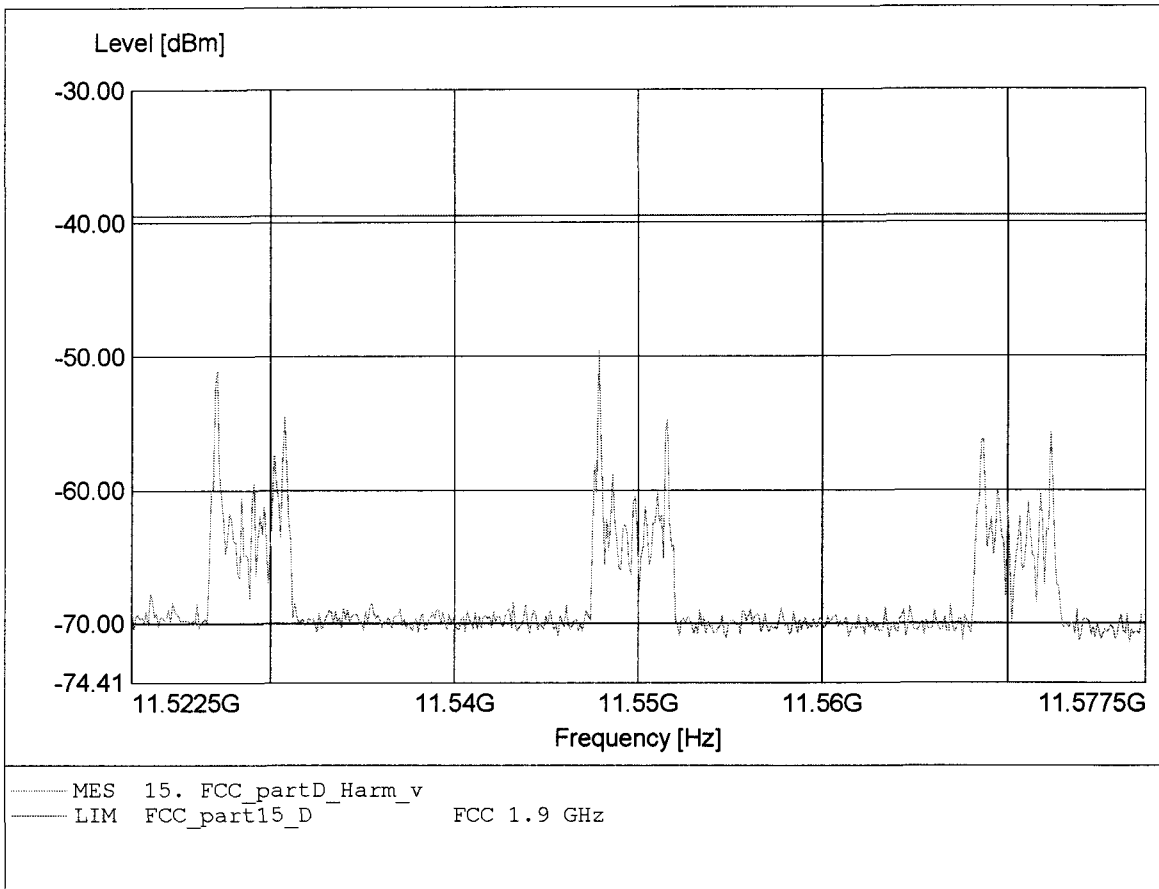
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:9.606GHz Pmax:-48.72dBm RBW:10 kHz



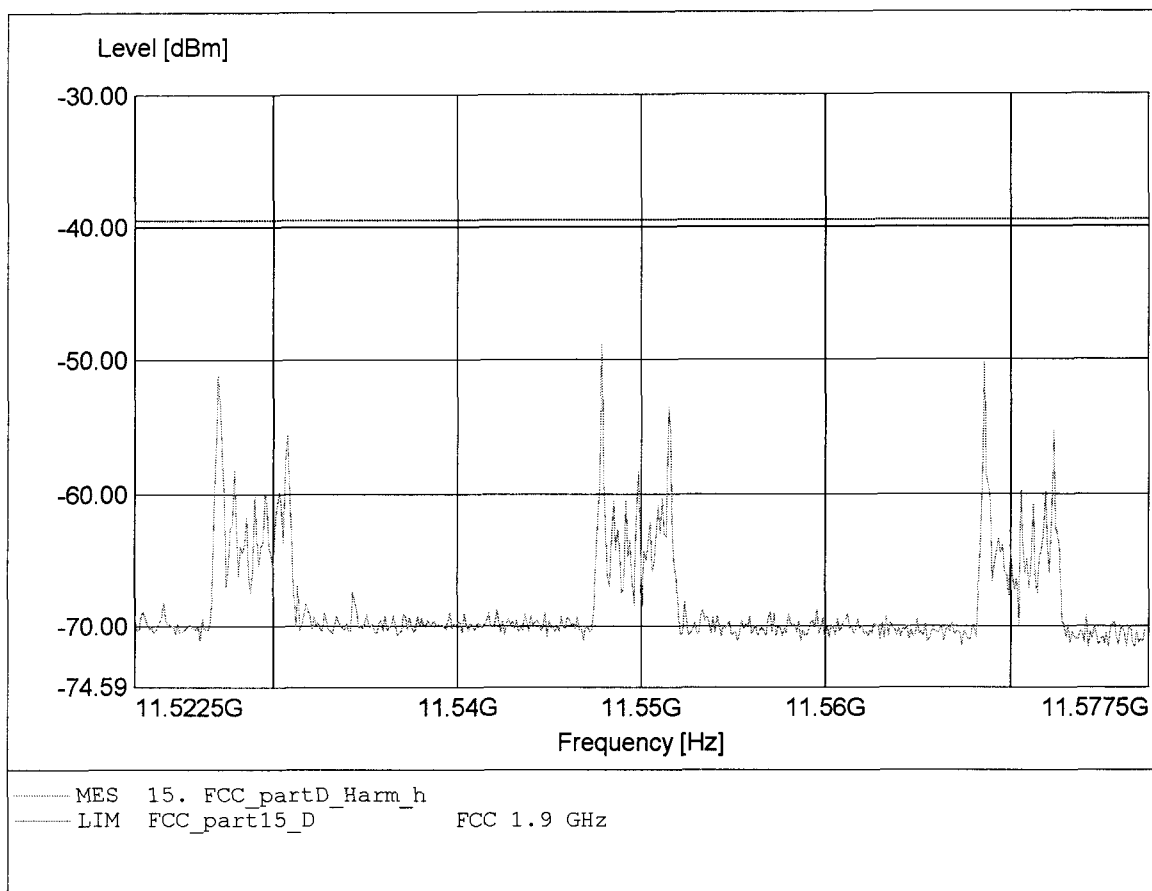
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:11.548GHz Pmax:-49.62dBm RBW:10 kHz



**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

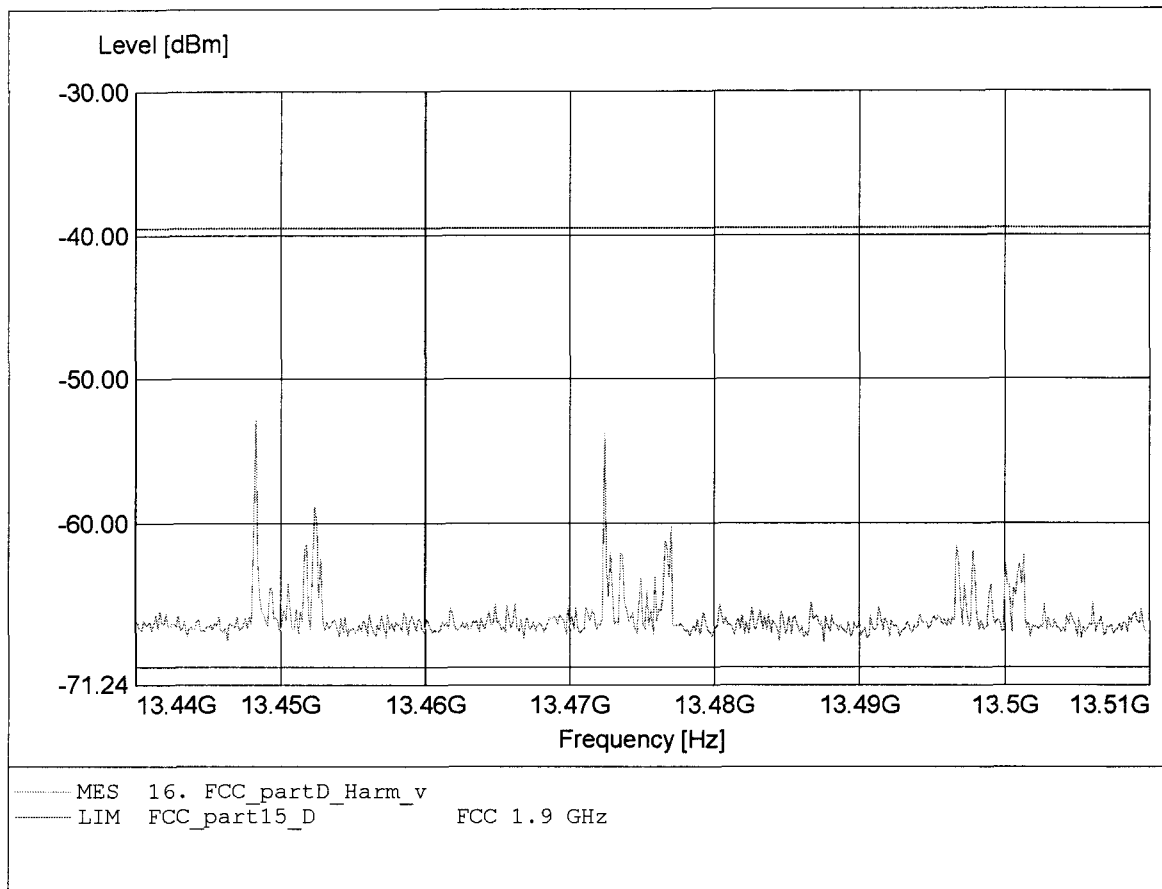
Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:11.548GHz Pmax:-48.79dBm RBW:10 kHz





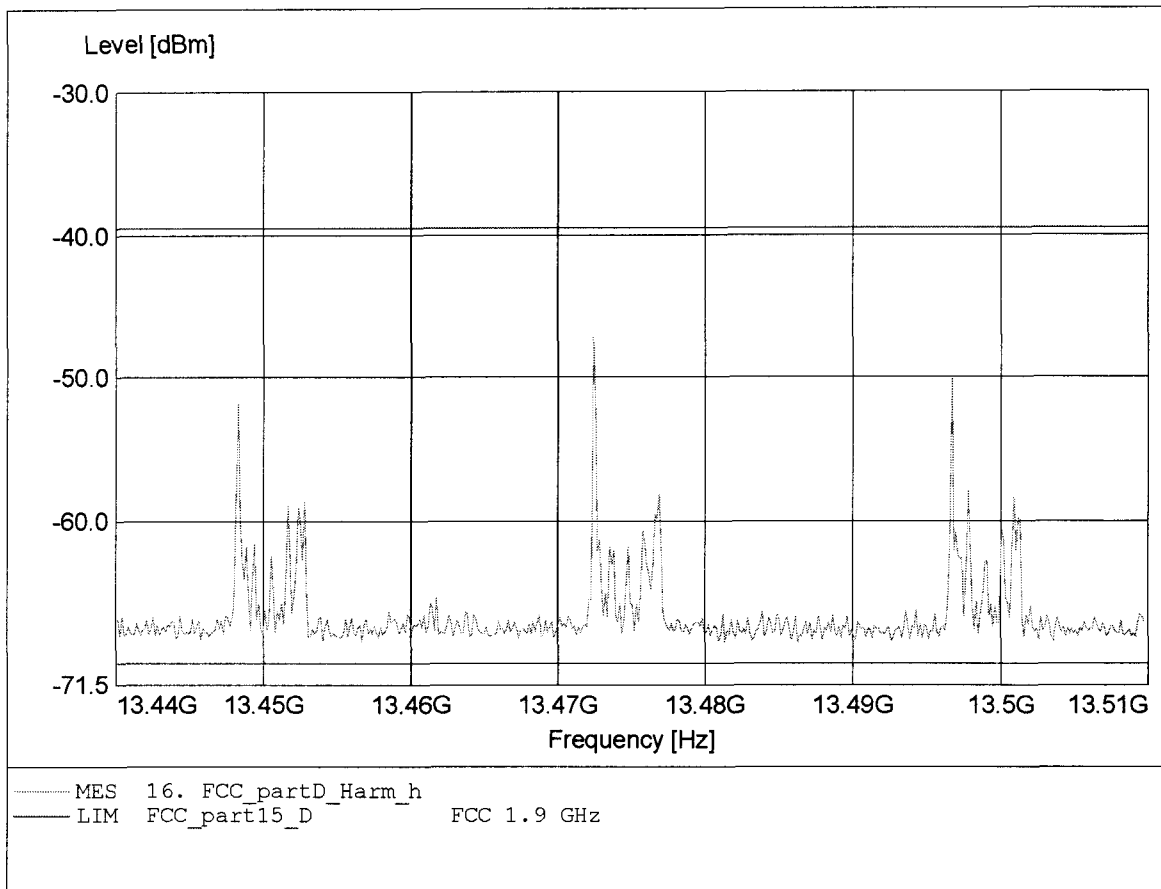
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:13.448GHz Pmax:-52.79dBm RBW:10 kHz



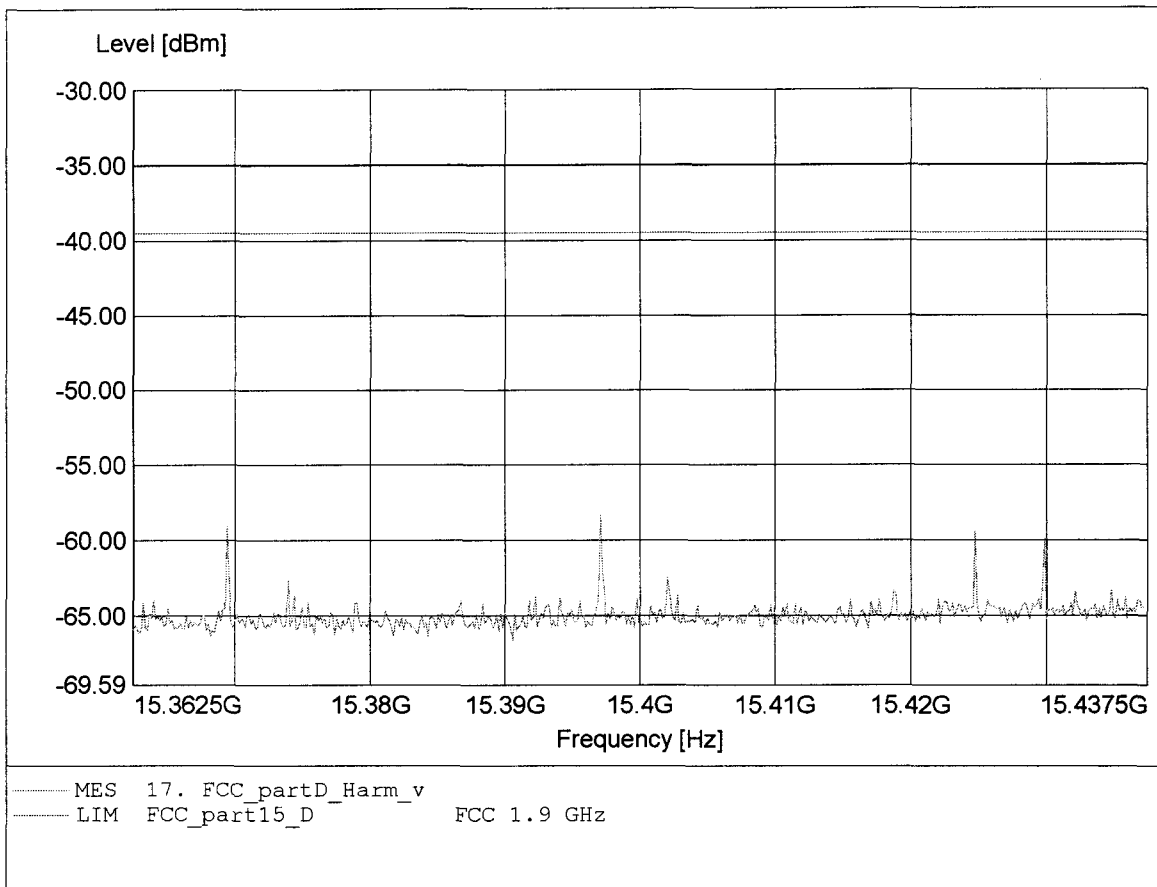
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:13.472GHz Pmax:-47.23dBm RBW:10 kHz



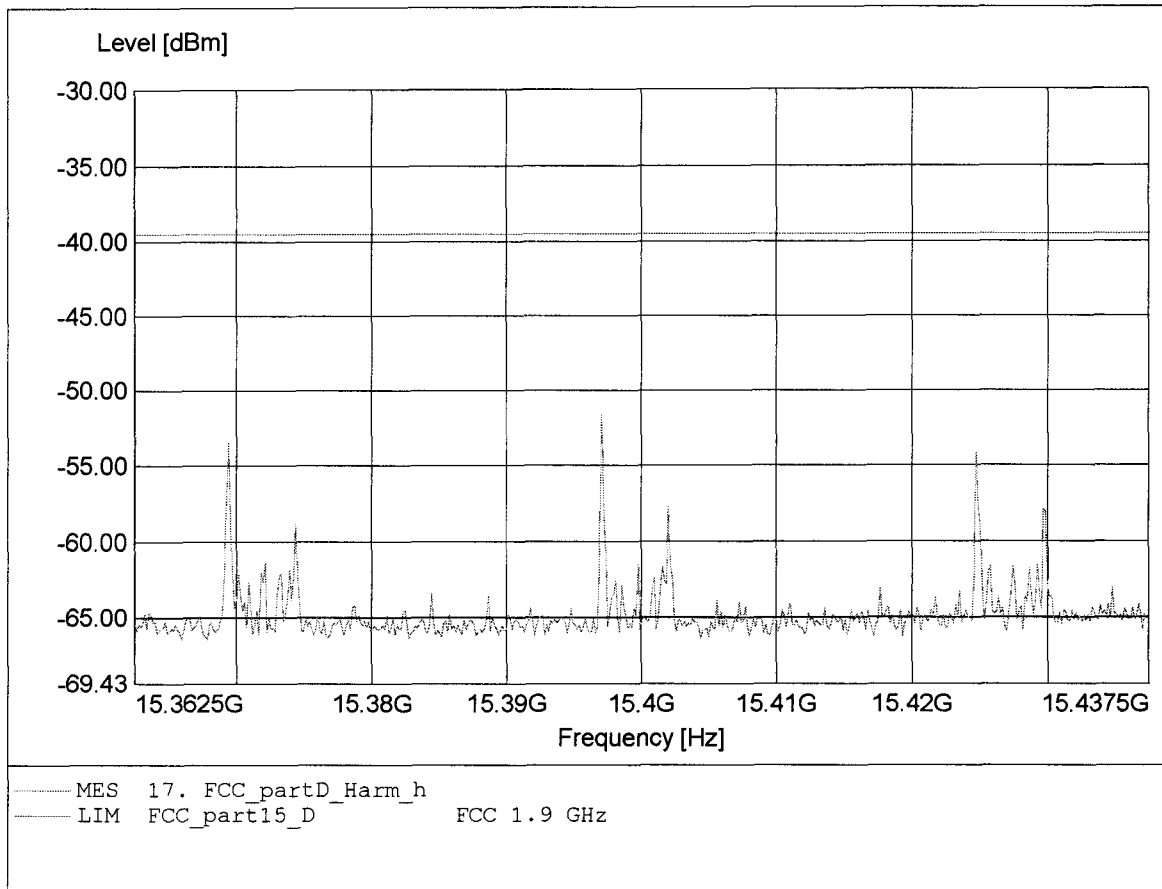
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:15.397GHz Pmax:-58.38dBm RBW:10 kHz



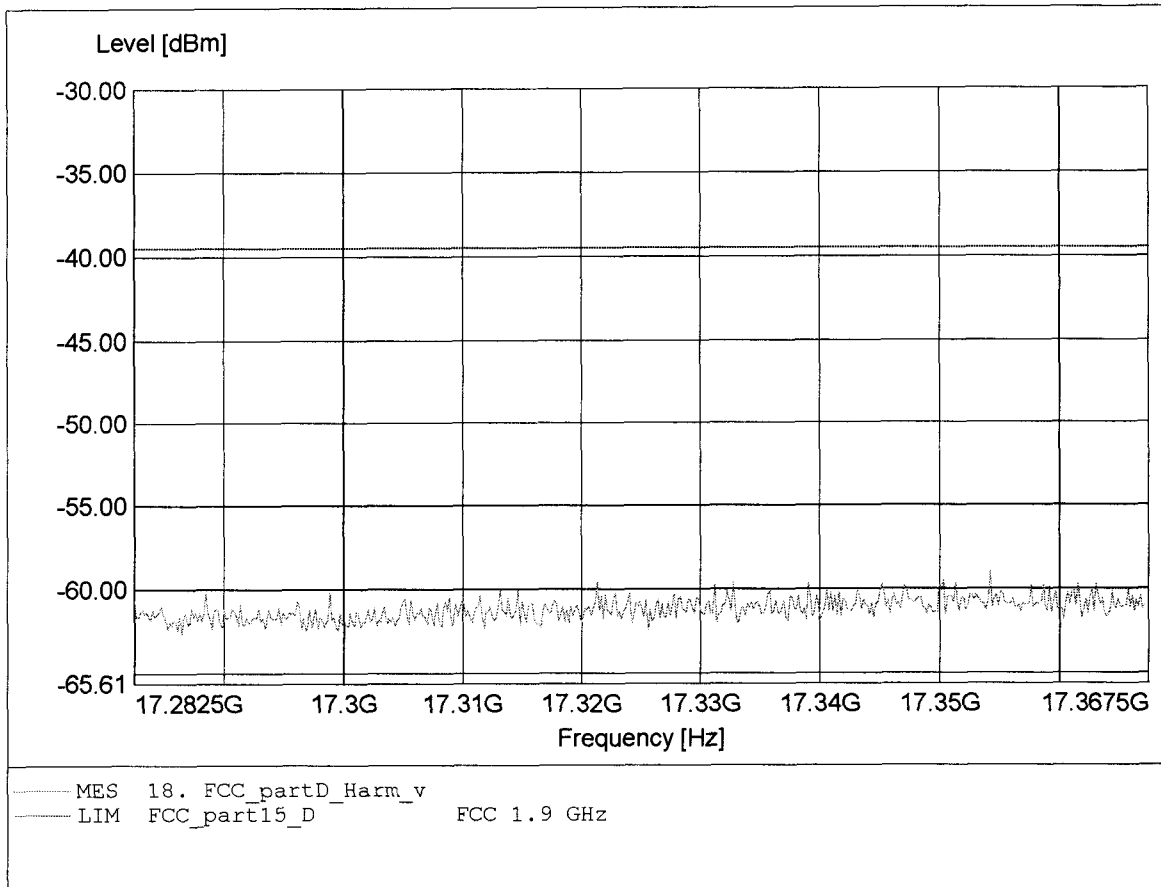
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:15.397GHz Pmax:-51.64dBm RBW:10 kHz



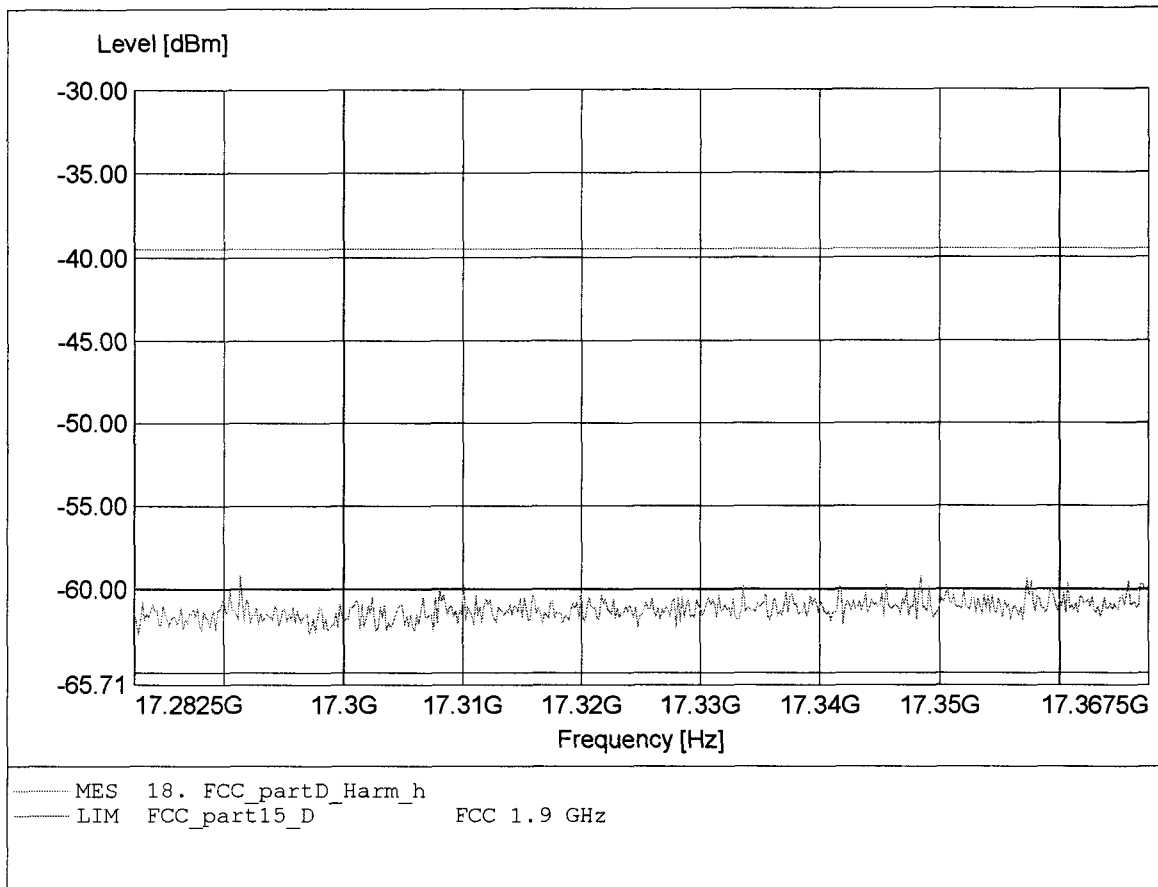
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:17.354GHz Pmax:-58.94dBm RBW:10 kHz



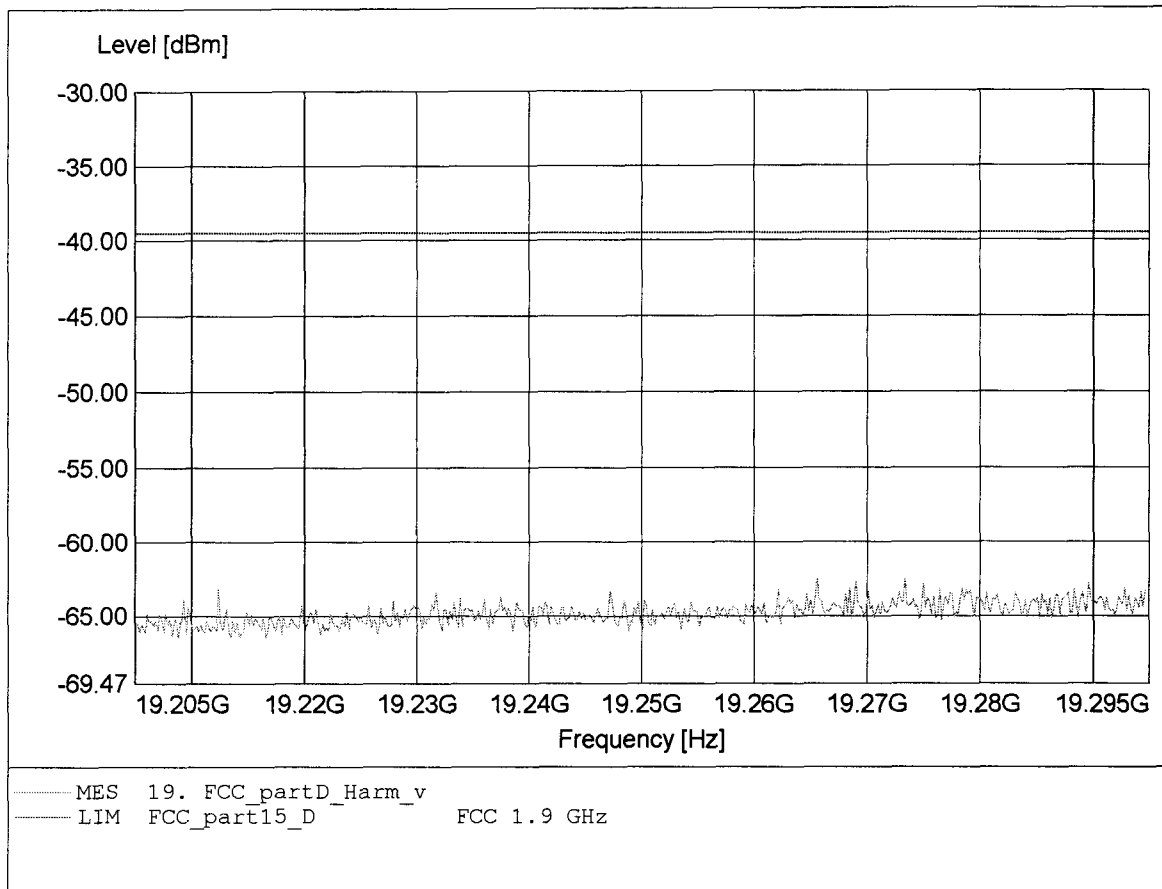
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:17.291GHz Pmax:-59.22dBm RBW:10 kHz



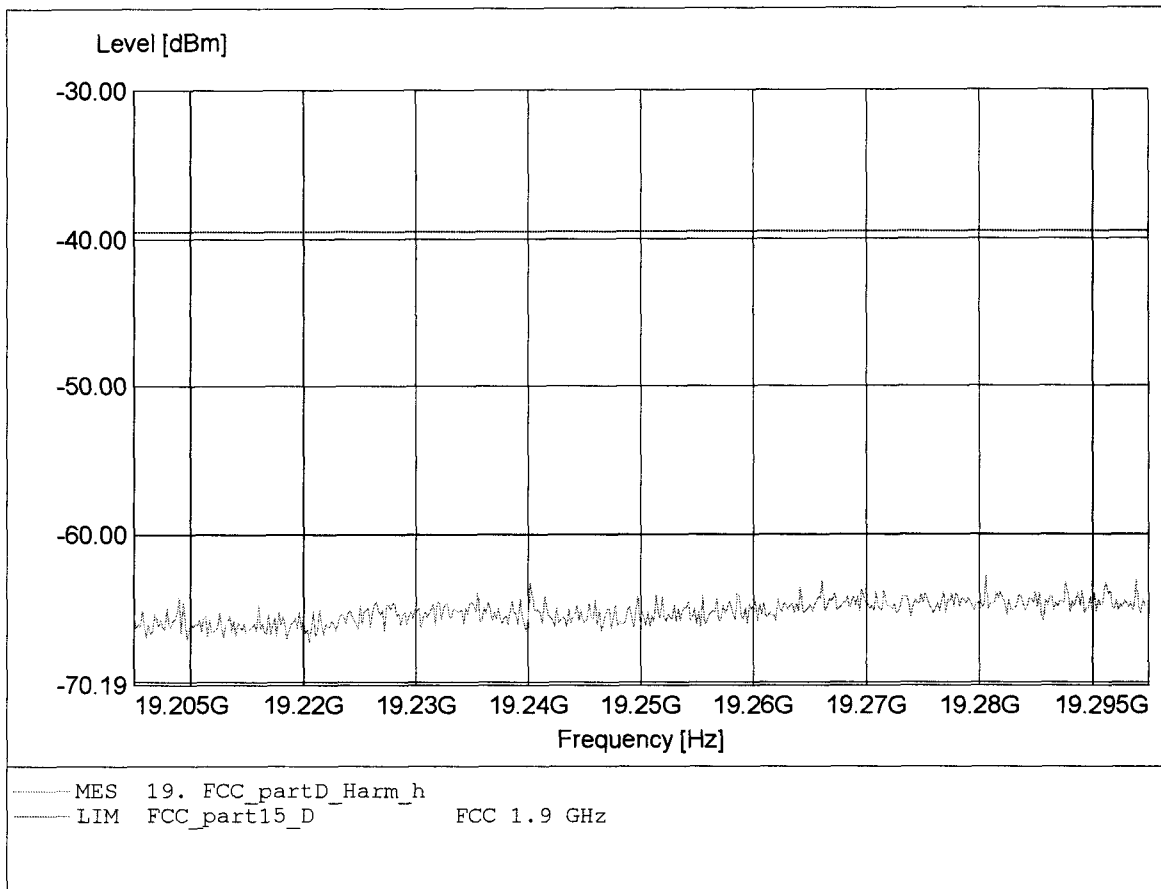
**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
 EUT: 1.9 GHz Communication System (Portable Part)  
 Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
 Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
 Test Site / Operator: ETS / Mr. Marquardt  
 Test Specification: Fully anechoic chamber / mode: Tx  
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
 Comment 2: Freq:19.266GHz Pmax:-62.45dBm RBW:10 kHz



**Spurious emissions under normal conditions**  
**FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Applicant: KIRK telecom A/S  
EUT: 1.9 GHz Communication System (Portable Part)  
Model: PP5N40-1G9 (4020) / Ch.: 0, 2, 4  
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Marquardt  
Test Specification: Fully anechoic chamber / mode: Tx  
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.  
Comment 2: Freq:19.281GHz Pmax:-62.77dBm RBW:10 kHz







## Appendix T

Frame period



**Frame Repetition Stability / Frame Period and Jitter**

Tested according ANSI C63.17-1998 Section 6.2.3 / 6.2.4

Measurement results Portable Part

Test Performed	Criteria
Frame Period	10 ms
Frame repetition stability	10 ppm
Jitter	25 µs

Frame Repetition Stability

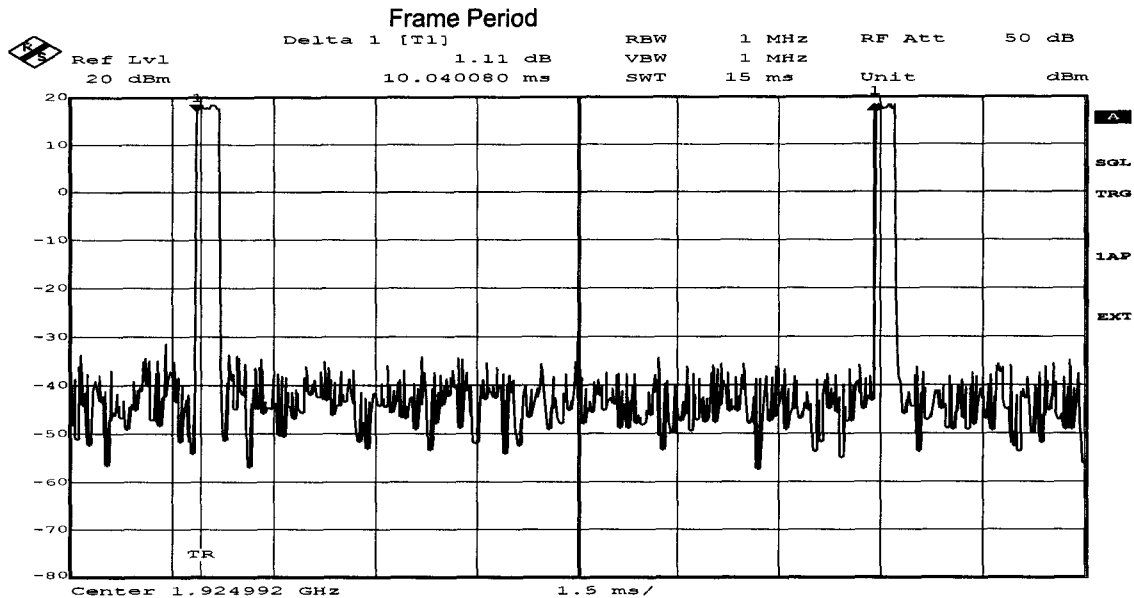
Frequency (MHz)	Standard Deviation (Hz)	Mean (Hz)	Frame Repetition Stability (ppm)
1924,992	9,94751E-06	100,0001019	0,298

Frame Repetition Stability =  $3 * \text{Standard Deviation} / \text{Frame Rate} * 10E06$

Jitter Measurement

Frequency (MHz)	Standard Deviation (µs)	Mean (ms)	Jitter (µs)
1924,992	0,197	9,999989809	0,591

Jitter =  $3 * \text{Standard Deviation}$



Title: Frame Periode DECT PP  
 Comment A: FCC 15.232 (E)  
 Date: 15.JUL.2005 19:36:26



## Appendix U

Frequency stability



### Frequency Stability § 15.323 (f)

Tested according ANSI C63.17-1998 Section 6.2.3 / 6.2.4

Measurement results Portable Part

Temp °C	Supply Voltage	Frequency of carrier (MHz)	delta f(min) (KHz)	delta f(max) (KHz)	maximum delta f (ppm)	Mean (MHz)	Deviation ppm
20	Vnom	1924,992	-24,487	-15,35	-12,72	1924,971874	Reference
-10	Vnom	1924,992	-11,605	0,551	-6,03	1924,987197	-7,96
55	Vnom	1924,992	-33,937	-25,488	-17,63	1924,962193	5,03

Limit : 10 ppm

$$Deviation\ ppm = \frac{FR - FM}{FR} * 10^6$$

FR = Reference frequency of carrier at 20°C and Vnom

FM = Measured frequency of carrier

