

TEST REPORT

REPORT NO: **SATEL-TR-0019-HMM**

TEST PERIOD: 02. May 2003

TEST SITE: Satel / R&D Dept., Salo

DEVICE UNDER TEST: **SATELLINE-3AS**

TESTS PERFORMED:

- Frequency Stability for temperature and voltage variations
#1: at 12.5 kHz channel spacing (page 2)

TEST STANDARD: acc. to 47 CFR 2.1055.

TESTS PERFORMED BY:

Timoteus Marttila

TEST RESULTS

#1 Tests at 12.5 kHz channel spacing

RF frequency of the test sample = 468.200 MHz.

a) Frequency stability vs. voltage variations

Temperature	Voltage	Frequency
+20 °C	10,8 V	468,20013 MHz
+20 °C	12,0 V	468,20013 MHz
+20 °C	13,8 V	468,20013 MHz
+20 °C	20,4 V	468,20013 MHz
+20 °C	24,0 V	468,20013 MHz
+20 °C	27,6 V	468,20013 MHz

b) Frequency stability vs. temperature variations

Temperature	Voltage	Frequency
-30°C	+12,0 V	468,20075 MHz
-20°C	+12,0 V	468,20082 MHz
-10°C	+12,0 V	468,20057 MHz
± 0°C	+12,0 V	468,20034 MHz
+10°C	+12,0 V	468,20029 MHz
+20°C	+12,0 V	468,20016 MHz
+30°C	+12,0 V	468,20007 MHz
+40°C	+12,0 V	468,19992 MHz
+50°C	+12,0 V	468,19955 MHz