EXHIBIT G

SV700 - TEST REPORT FOR FCC PART 2.1055, TEMPERATURE STABILITY REQUIREMENT.

Conducted by, or at the direction of:

Mr. Cornelius Heinemann
Cornelius.Heinemann@rsd.rohde-schwarz.com
+49 89 4129-12083 (Voice Telephone)

Rohde & Schwarz, GmbH & Co. KG
Broadcasting Division
Department 7TS3
Mühldorfstraße 15
D-81671
München
Federal Republic of Germany

Testing was conducted on:

Model: NV700 DVB/DMQ-T (MediaFLO) Exciter set
Stock Number: 2083.4501.97
Serial Number: 100038

Test report

Project:	SV700 MediaFLO
Subject:	FCC testing according to part 2.1055
Name:	SV700 - test report FCC part 2.1055
Author:	Cornelius Heinemann
Date:	26.05.2006
Copies to:	
History:	

26.05.06	Heinem	created
	.	

1 Test setup

1.1 Test setup

The objective of the test is to verify the frequency stabilty of the NV7000 transmitter versus temperature. FCC part 2.1055 allows that the test is performed with the frequency determining element only which is the synthesizer board of the exciter SV700. The temperature range is from -30 °C to 50 °C in steps of 10 °C. The test frequency is 719 MHz (US channel 55).
For the test the exciter has been operated in a temperature rack without input signal.
The monitoring output of the RF local signal of the synthesizer has been measured with a R&S FSU spectrum analyzer.
A GPS 10 MHz reference was connected to the reference input of the FSU. A marker was set to the local signal, the signal counter was activated with a resolution of 0.1 Hz.

The synthesizer board was working in internal mode, so not locked to an external reference.

1.2 Test equipment

Device	ID	Serial No.	Last calibration
R&S FSU spectrum analyzer	1166.1660.08	200081	20.04.2006
Digital Thermometer R&S PTM	336.8010.02	891981/009	- - - - - - -

1.3 Device under test

Gerät / Baugruppe	ID	Ser.-Nr.
SV700 exciter set DMQ (MediaFLO)	2083.4501.97	100038

1.4 Software version of exciter

software version of exciter:

Encoder: 01.00
FLO FPGA: 4.5.2
Precorrector: 1.16

2 Test results

2.1 Test results

No.	Date	Time	nominal Temperature	measured Temperature	Frequency / MHz	Difference / MHz
1	19.05.2006	09:20	20,0 °C	20,7 °C	719,0000002	0,0000002
2	19.05.2006	10:25	10,0 °C	8,1 °C	719,0000003	0,0000003
3	19.05.2006	11:25	0,0 °C	-0,5 °C	719,0000001	0,0000001
4	19.05.2006	12:25	-10,0 °C	-10,8 °C	718,9999997	-0,0000003
5	19.05.2006	13:10	-20,0 °C	-20,2 °C	718,9999991	-0,0000009
6	19.05.2006	14:50	-30,0 °C	-28,6 °C	718,9999983	-0,0000017
7	19.05.2006	16:55	-30,0 °C	-29,0 °C	718,9999983	-0,0000017
8	22.05.2006	08:30	-30,0 °C	-31,6 °C	718,9950711	-0,0049289
9	22.05.2006	08:45	-30,0 °C	-30,5 °C	718,9999978	-0,0000022
10	22.05.2006	11:05	20,0 °C	20,8 °C	719,0000003	0,0000003
11	22.05.2006	12:20	30,0 °C	29,9 °C	719,0000002	0,0000002
12	22.05.2006	13:20	40,0 °C	40,9 °C	718,9999998	-0,0000002
13	22.05.2006	17:10	50,0 °C	50,5 °C	718,9999992	-0,0000008
14	22.05.2006	17:55	20,0 °C	21,7 °C	719,0000003	0,0000003

Remark:

The exciter was switched off at -30 °C from 19.05.2006 16:55 to 22.05.2006 08:30 (measurements 7 and 8). Measurement 8 was performed 20 seconds after power on at -30 °C. Measurement 9 was performed 15 minutes after power on.