

EMISSIONS TEST REPORT

Report Number: 3157578BOX-001a

Project Number: 3157578

Testing performed on the Remote Pickup Model: LDK 4454/60

To

CFR47 FCC Part 74 Subpart D "Remote Pickup Broadcast Stations"

For

Grass Valley Inc.

Test Performed by:

Grass Valley France


1, Rue du Clos Courtel

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Prepared by:

Philippe MOREL

Date: 08/19/2009



Equipment Under Test

Equipment Type: Remote Pickup

Model Number(s): LDK 4454/60

Serial number(s): 224W9

Manufacturer: Grass Valley

Test start date: 08/19/2009

Test end date: 08/19/2009

Support Equipment:

Name: Wireless Control Unit (WCU)

Model No.: LDK 4470/01

Serial No.: 224W3

Name: Antenna Management Unit (AMU)

Model No.: LDK 4460/10

Serial No.: 224W6

Mode of Operation:

During testing, the EUT was transmitting a modulated FSK carrier continuously. DC power was applied from the AMU, which obtained power from the WCU, which was powered from 220V/50Hz AC power.

Test Summary

Test Results: Pass

Test Standard: CFR47 FCC Part 74 Subpart D

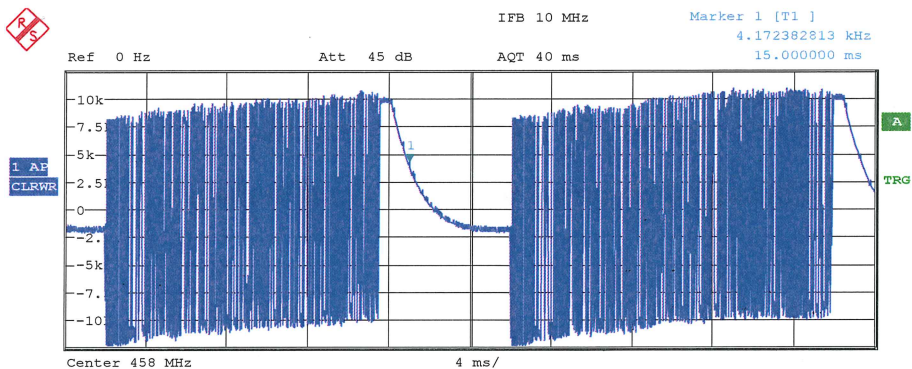
Test: Carrier Output Power, 74.462 maximum frequency deviation

TEST EQUIPMENT LIST

1 FSQ8 S/N:200239 with option FS-K7

Test results:

Frequency deviation < 13 kHz



Frequency Modulation Summary

Coupling	DC	Carrier Offset	-189.75 Hz
Deviation	+peak 10.82 kHz	Carrier Power	15.22 dBm
	-peak -12.57 kHz	Modulation Frequency	--- Hz
	↑peak/2 11.69 kHz	Sampling Rate	8 MHz
	RMS 7.415 kHz	Record Length	320001
		Demod Bandwidth	5 MHz
		AF Filter	LP 150 kHz

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