

# Spot Check Evaluation

APPLICANT	Displaydata Limited
EQUIPMENT	Electronic Shelf Label
Model NAME	Chroma 29+
MODEL NAME	DD29-3A
FCC ID	VC7-A001463



## 1 Introduction

Displaydata models, Model name Chroma 29L, and Model name Chroma 29+ are closely related products which are electrically similar. Therefore, Displaydata intends to assign the same FCC ID, VC7-A001463, to both models.

To demonstrate FCC compliance of both models, the reference model, Chroma 29L, has been subject to full FCC testing i.e., EMC and RF Exposure, and spot-check measurements have been carried out on the variant model Chroma 29+

	Reference Model	Variant Model
<b>Equipment</b>	Electronic Shelf Label	Electronic Shelf Label
<b>Model Name</b>	Chroma 29L	Chroma 29+
<b>Model Number</b>	DD29-3A	DD29-3A
<b>FCC ID</b>	VC7-A001463	VC7-A001463
<b>Equipment Class</b>	DXX	
<b>FCC Rule Parts</b>	FCC/CFR 47:Part 15B 15.109 FCC/CFR 47:Part 15C 15.249	
<b>Band(s)</b>	902 – 920 MHz	

We, Displaydata Ltd., take full responsibility that the test data as referenced in this report represents compliance for the model Chroma 29+, DD29-3A, FCC ID: VC7-A001463.

## 2 Model Difference Information.

The “Chroma 29+ is a depopulated version of the “Chroma 29L” product, i.e., the LED indicator and the associated LED driver components are depopulated from the PCB. Thus Chroma 29+ is a model variant of fully populated reference model “Chroma 29L”.

Otherwise, these models use the same materials, mechanical form factor, display, antenna, PCB layout and component positions on the PCB.

## 3 Spot Check Verification Data.

As per FCC practice, we have considered the fully featured (populated) “Chroma 29L” model to be the worst case and have subjected this model to full FCC Part 15 testing. We have performed spot checks on the variant model, Chroma 29+, to demonstrate its similarity and FCC compliance.

The spot-check data For Chroma 29+ may be found in the following exhibit:

<b>Test Report Reference:</b>	4786 ER
<b>EMC Test laboratory</b>	Eurofins E&E Hursley Limited Trafalgar Close, Chandlers Ford, Hampshire, United Kingdom
<b>FCC Registered:</b>	UK2006
<b>Test Case</b>	Radiated Emissions only, worst case

## 4 Reference Section

Please refer to following data for cross-referencing

<b>Test Report Title:</b>	Radio Test Report
<b>Test Report Reference:</b>	4153C FR
<b>EMC Test laboratory</b>	Eurofins E&E Hursley Limited Trafalgar Close, Chandlers Ford, Hampshire, United Kingdom
<b>FCC Registered:</b>	UK2006
<b>Band(s)</b>	902 – 920 MHz
<b>Emission Classification</b>	F1D

## 5 Conclusion.

The spot check test result from the variant model, and the test data from the reference are comparable and within prescribed FCC limits.



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