

Technical Note

Subject:	VLU6M3 - Label Artwork and Location (FCC Items 7 & 8)		
From:	Peter Sanders		
To:	ACB	cc:	RN Electronics Ltd
Date:	3.11.2020	Document ref:	RLTN0223v2

1 PURPOSE

This document addresses the request for technical information in support of FCC certification of VLU6M3, part number 4901-2207-01.

“Required Exhibits for FCC Certification (FCC Rule Section 2.1033(b))”

Specifically:

- Item 7 – FCC ID Label Artwork
- Item 8 – Label Location

2 FCC ID LABEL ARTWORK (FCC RULE SECTION 2.1033(B), ITEM 7)

2.1 Label Design



2.2 Label Material and Printing Quality

The labels shall be white polyester (2mil) with black printing. The printing media shall be of proper carbon content to insure passing ANSI X3.182 Bar Code Print Quality guideline.

The minimum symbol grade shall be:

- Minimum print quality grade = 1.5 (C)
- Measure aperture = 0.10" (0.254mm)
- Inspection wavelength = 660 nanometers $\pm$ 10 nanometers

Adhesive types can be pressure sensitive or dry gummed as long as adherence to the unit package substrate is assured and application is wrinkle-free.

Abrasion-resistance. The labels shall resist smearing or erosion of the bar-coded symbol, delamination, loss of adhesion, discoloration, wrinkling, cracking, or any effect which is detrimental to the bar-coded symbol or the adhesion of the label to the product. Bar-coded labels shall also be readable and conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

Heat Aging. The labels shall resist smearing or erosion of the bar-coded symbol, delamination, loss of adhesion, discoloration, wrinkling, cracking, or any other effect which is detrimental to the bar-coded symbol or the adhesion of the label to the product. Bar coded labels shall also be readable and conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

Solvent resistance. The labels shall resist smearing or erosion of the bar-coded symbol, delamination, loss of adhesion, discoloration, wrinkling, cracking, or any other effect which is detrimental to the bar-coded symbol or the adhesion of the label to the product. Bar-coded labels shall also be readable and conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

Detergent resistance. The labels shall resist smearing or erosion of the bar-coded symbol, delamination, loss of adhesion, discoloration, wrinkling, cracking, or any other effect which is detrimental to the bar-coded symbol or to the adhesion of the label to the product. Barcodes labels shall also be readable and

conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

Salt fog. The labels shall resist smearing or erosion of the bar coded symbol, delamination, loss of adhesion, discoloration, wrinkling, or any other effect which is detrimental to the bar-coded symbol or to the adhesion of the label to the product. Barcodes labels shall also be readable and conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

Solar-Radiation. The labels shall resist smearing or erosion of the bar-coded symbol, delamination, loss of adhesion, discoloration; wrinkling, or any other effect which is detrimental to the bar-coded symbol or to the adhesion of the label to the product. Bar-coded labels shall also be readable and conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

Adhesion. All labels shall remain attached to the product for the specified time.

Backing Sheet, The release coating shall allow deliberate manual or automatic peel off of the label without any sign of delamination or tearing of the label or backing sheet. Also the release coating shall prevent accidental peel off or separation of the label from the backing sheet.

Ultraviolet (UV) light/condensation. The labels shall resist smearing or erosion of the bar coded symbol, delamination, loss of adhesion, discoloration, wrinkling, cracking, or any other effect which is detrimental to the bar coded symbol or the adhesion of the label to the product. Bar coded labels shall be machine-readable and shall conform to the reflectivity and print contrast requirements of ANSI X3.182 Bar Code Print Quality guideline.

3 LABEL LOCATION (FCC RULE SECTION 2.1033(B), ITEM 8)

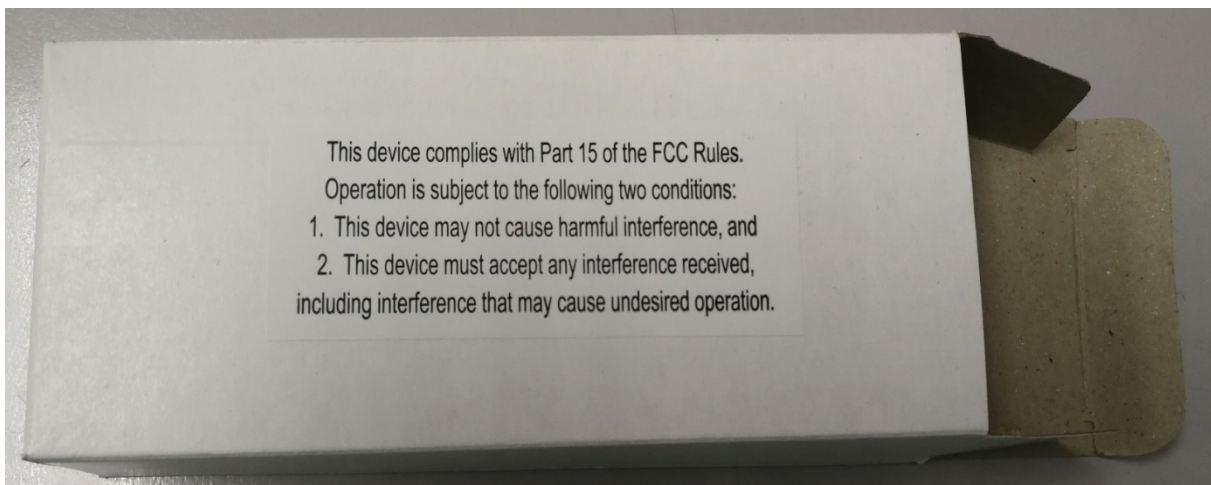
3.1 Location of Product Label

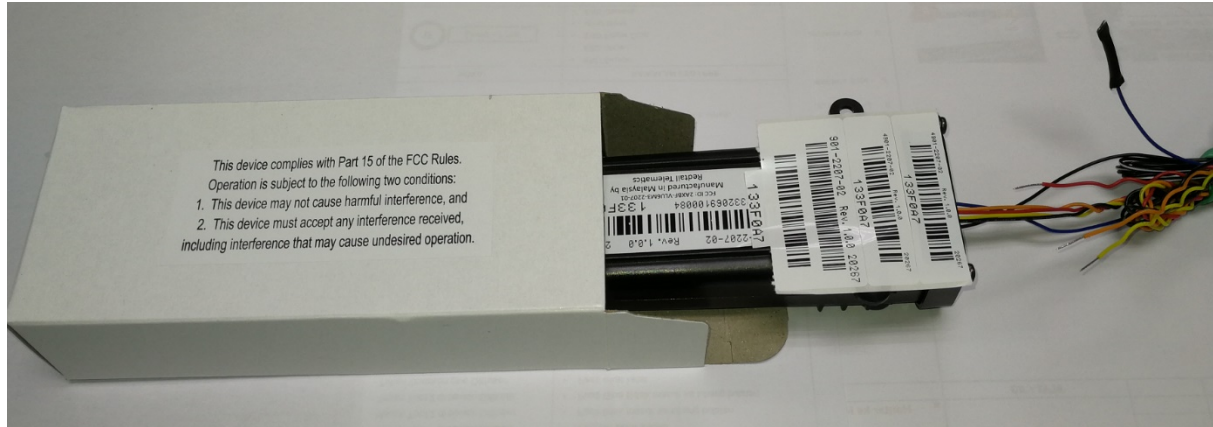
The FCC ID label is attached to the product enclosure at time of manufacture. An example placement is shown here:



3.2 Location of FCC Statement

The FCC Statement, per section 15.19(a)(3), is printed on an adhesive label attached to the product box, as shown here:





The FCC Statement is also included in the User Manual.

END OF DOCUMENT