

Labeling specifications for Q52 Omni and Q52 Omni Plus

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Level / Indice	Date / Date	History of the evolutions / Historique des évolutions	Writer / Rédacteur
001	May 16 th 2008	First issue	DYO
002	July 17 th 2008	Updated for ES1	NCM
003	Sept 4 th 2008	Updated for ES1 again	DYO
004	Oct 21 st 2008	Updated	DYO
005	Oct 29 th 2008	HW order code added	DYO
006	Nov 12 th 2008	IMEI added to main label	DYO

First Issue:

	Name / Nom	Function / Fonction	Date / Date	Signature / Signature
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Checked by / Vérifié par				
Approved by / Approuvé par				

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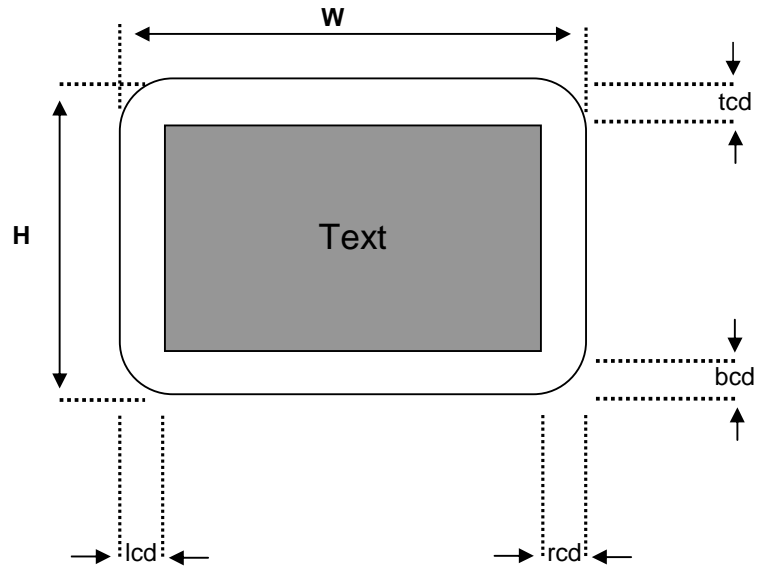
1 Purpose

This document contains the label specifications for:

- Q52 Omni (without GPS)
- Q52 Omni Plus (with GPS)

2 Label Dimensions

2.1 Serial label



Dimension	Abbreviation	Measurement	Tolerance	Scale
Height	H	20	0	mm
Width	W	29	0	mm
Top clearance distance from the label edge	tcd	0.75	0.4	mm
Bottom clearance distance from the label edge	bcd	0.75	0.4	mm
Left clearance distance from the label edge	lcd	1.5	0.5	mm
Right clearance distance from the label edge	rcd	1.5	0.5	mm

3 Label Layout



3.1 Main Label Text Designations

Field	Designation	Lead Text	Q52 Omi Variant	
			Q52OM001 with GPS	Q52OM002 without GPS
1	Wireless CPU	Wireless CPU		
2	Marketing Product Reference (PNMKT)	Wavecom Model:	Q52 Omni	Q52 Omni
3	Order code – Q52OM001 or Q52OM002	Order Code:	Q52OM001	Q52OM002
4	FCC Identification	FCC ID:	09EQ52OMNI	09EQ52OMNI
5	Industry Canada Identification	IC ID:	3651C-Q52OMNI	3651C-Q52OMNI
6	ORBCOMM Identification	TAN:	Q52WAV	Q52WAV
7	IMEI 3D Bar Code & Text	IMEI:		
8	ESN Bar Code	None		
9	ESN as characters	None		
10	Open AT designator			
11	CE Mark	CE	0682	0682

3.2 Main Label Bar Code Designations

Code :	Barcode type : EAN 128 code B Length : x mm Height : y mm White zone length before and after Barcode : 2 mm minimum Text font below : Arial 6														
Digit number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Data	t	t	y	w	w	n	n	n	n	n	b	b	h	h	h
Part	tt		y	ww		nnnnn				ff		hhh			
Name of part	Module Type		Year	Week		Module week serial number				manufacturing site		Hard version			
Definition	Specify the type of module		Specify date of production		The unique consecutive serial number				Specify the manufacturing site		Specify the number of the hard version				
Example	71		6	38		00003				08		420			
Module serial number (15 first digits)															

3.3 Main Label Bar Code Field Designations

Designation	Part	Q52 Omi Variant	
		Q52OM001	Q52OM002
Module Type	tt	A5	
Year	y	x	
Week	ww	xx	
Module Serial Number	nnnnn	xxxx	
Manufacturing Site	ff	08	
Hardware version	hhh	210	

4 Serial Number Label



Number of X's to be extended to 15

4.1 Definition

Serial number format will be as follows: XXYWWNNNNNFFBBB

Designation	Part	Q52 Omi Variant	
		Q52OM001	Q52OM002
Module Type	XX	A5	
Year	Y	x	
Week	WW	xx	
Module Serial Number	NNNNN	xxxx	
Manufacturing Site	FF	08	
Hardware version	BBB	210	

Note:

1. The same serialization [NNNNN] must be kept for each XXYWW value regardless of the BOM [BBB]
2. No space between characters on label

4.2 Content

Bar-coded and legible text for the unit's SERIAL number in code 28 symbology.

"XXXXXXXXXXXXXXXXXX"

Text height = min 1.3mm in position shown.

Bar-code height = min.3.5mm in position shown.

4.3 Printing regulations



Fontface: OCR-B
 Type size: min. 1.3 mm
 Line spacing: min. 0.3 mm
 Color: Black
 Margins: 0.5mm clear margin on Left & Right edges
 0.5mm clear margin on Top & Bottom edges

5 Label Font Specifications

5.1 IMEI Label

Field	BRADY font	size	Ratio
IMEI Number	5	10	100
Production date	5	5	80

5.2 Main Label

Field #	Field Name	Field Type ⁽¹⁾	Field Content			Field Font		
			Type	Source		Font No	Size	Effects ⁽²⁾
				Product_Type file	Other			
1	Wireless CPU	T	Fixed	MKP		5	7	q90
2	Wavecom Model :	T	Fixed		"Wavecom Model :"	3	6	q90
	Marketing Product Reference (PNMKT)	T	Fixed		Q52 Omni	3	6	q90
3	Order Code	T	Variable	PNMKT	"Order Code"	3	6	q90
4	FCC Identification	T	Variable	FCCUS	"FCC ID:"	3	5	q90
5	Industry Canada Identification	T	Variable	FCCCanada	"IC ID"	3	5	q90
6	ORBCOMM Identification	T	Variable		"TAN"	3	5	q90
7	ESN Bar Code	B	Variable		SerialNumber			
8	ESN as characters	T	Variable		SerialNumber	5	5	q75
9	Open AT designator	I	Fixed		Open AT ® marking 			
10	CE Mark	I	Fixed		CE marking 	5	5	q90

Where:

(1) T = text, B = Barcode, I = Image

(2) q = squeezing ratio (%)

The table following is describing the different characteristics of the Field Font number mentioned in the above table:

Font N°	Name	Type	Description
3	BX000003	Scaleable	Swiss 721 Bold(TM)
5	BX000005	Scaleable	Monospace 821

6 Label Placement

