



Excellence in Compliance Testing

Certification Exhibit

**FCC ID: SDBWFL2
IC: 2220A-WFL2**

**FCC Rule Part: CFR 47 Part 24 Subpart D, Part 101 Subpart C
IC Radio Standards Specification: RSS 119, RSS 134**

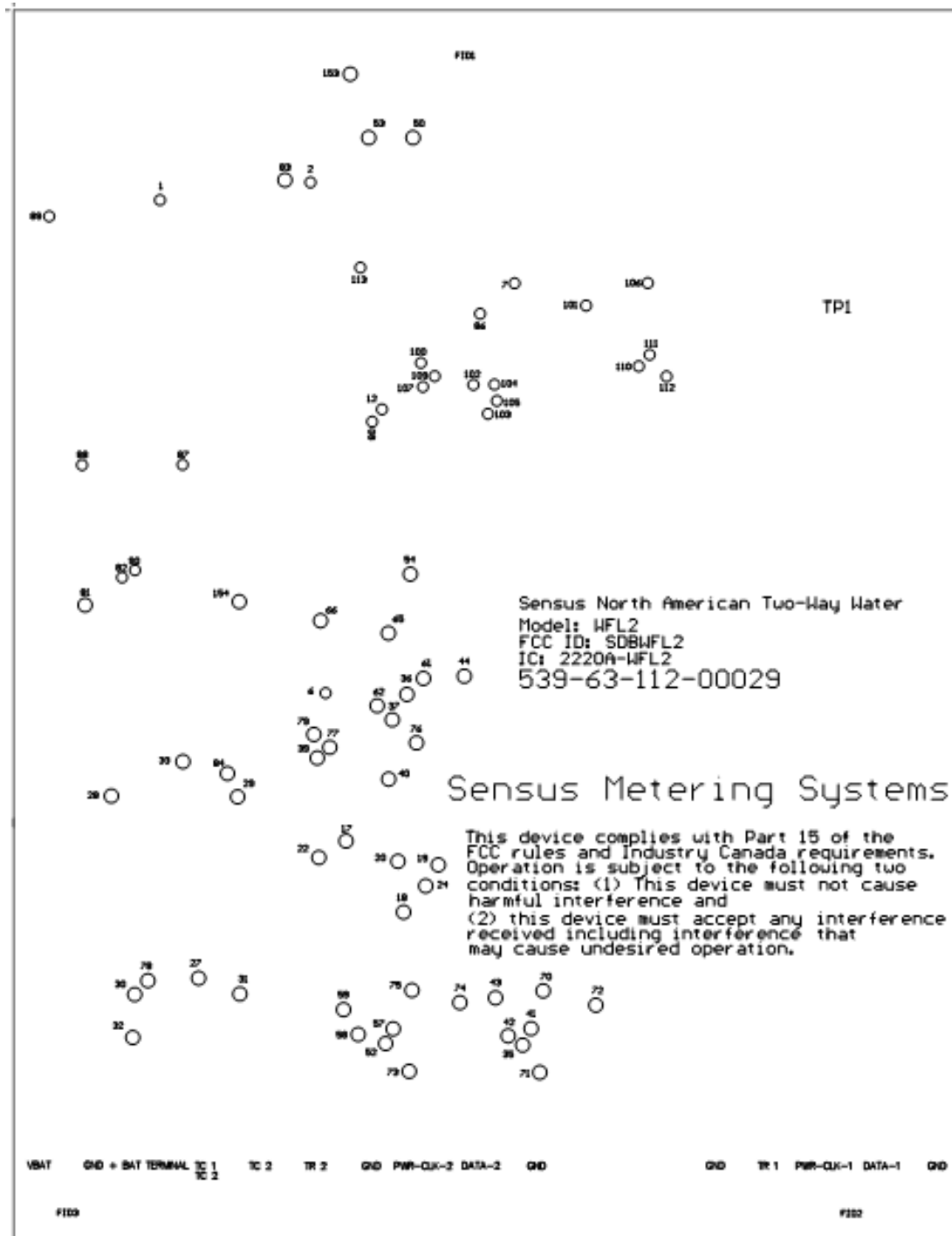
ACS Project: 11-2096

**Manufacturer: Sensus Metering Systems, Inc.
Model: WFL2**

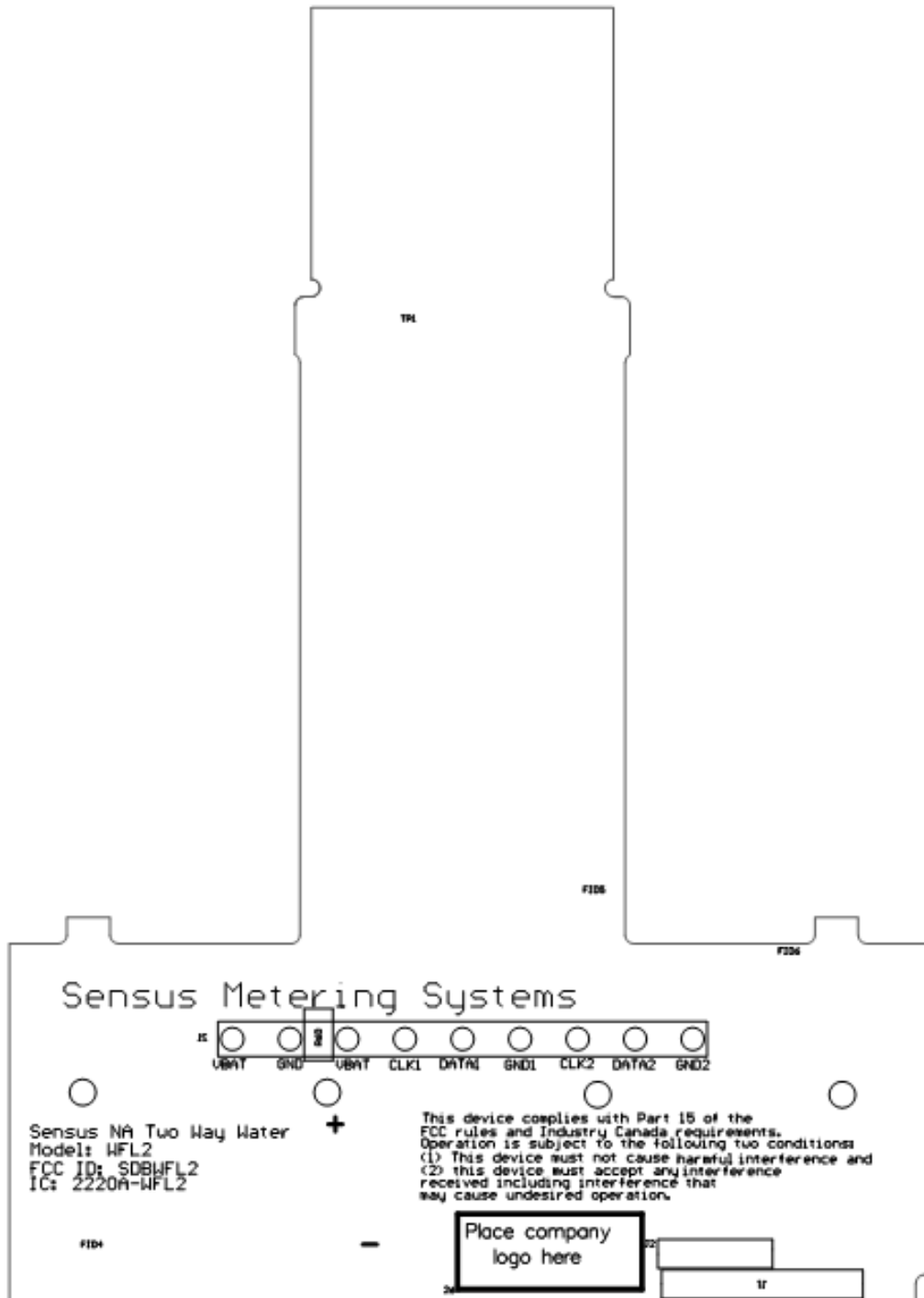
Label Information

**Label Information and Sample Location
(Modules)**

Sensus WFL2 Label For Host Model 510



Sensus WFL2 Label For Host Model 520



**Label Information and Sample Location
(Host/Module Enclosures)**

CELLNET DATA:
REGION "A": CELLNET
REGION "D": MODEL 510C
REGION "B": PowerLAN ID: PER UI-1368
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
NEXT SEQUENTIAL PowerLAN ID.
FCC ID: KCH520C
IC: 2220A-520C

RadioRead DATA:
REGION "A": RadioRead
REGION "D": MODEL 510R2
REGION "B": MXU ID: PER UI-1368
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
US THE SAME MXU ID.
FCC ID: KCH510R2
IC: BLANK

FixNet DATA:
REGION "A": FixNet
REGION "D": MODEL 510F
REGION "B": MTU ID: PER UI-1368
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
NEXT SEQUENTIAL MTU ID.
FCC ID: KCH520F
IC: 2220A-520F

FlexNet NA 2-WAY DATA:
REGION "A": FlexNet
REGION "D": MODEL: 510M
Contains MODEL: WFL2
REGION "B": TX ID: PER UI-1368
PORT I MUST BE AN EVEN NUMBER.
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
NEXT SEQUENTIAL AMDS TX ID.
Contains FCC ID: SDBWFL2
Contains IC: 2220A-WFL2

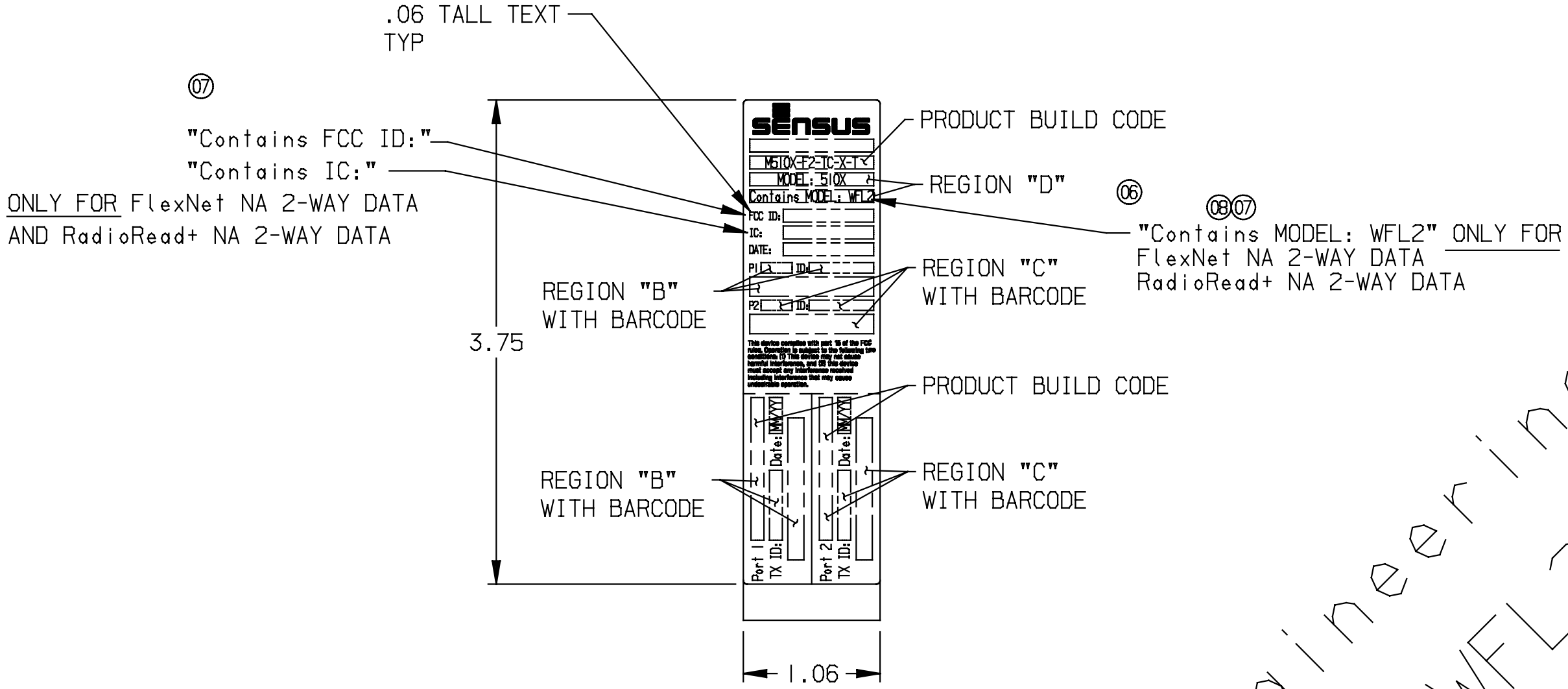
RadioRead Alt. DATA:
REGION "A": RadioRead Alt.
REGION "D": MODEL 510R2 (ALT)
REGION "B": MXU ID: PER UI-1368
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
USE THE SAME MXU ID.
FCC ID: KCH510R2
IC: 2220A-510R2

FlexNet DATA:
REGION "A": FlexNet
REGION "D": MODEL 510X
REGION "B": TX ID: PER UI-1368
PORT I MUST BE AN EVEN NUMBER.
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
NEXT SEQUENTIAL AMDS TX ID.
FCC ID: SDB520X
IC: 2220A-520X

RadioRead+ NA 2-WAY DATA:
REGION "A": RadioRead+
REGION "D": MODEL: 510P
Contains MODEL: WFL2
REGION "B": TX ID: PER UI-1368
PORT I MUST BE AN EVEN NUMBER.
REGION "C": BLANK FOR SINGLE PORT.
FOR DUAL PORT UNITS
NEXT SEQUENTIAL AMDS TX ID.
Contains FCC ID: SDBWFL2
Contains IC: 2220A-WFL2

FCC DATA SHOWN AT 2X
SCALE FOR CLARITY

This device complies with part 15 of the FCC
rules. Operation is subject to the following two
conditions: (1) This device may not cause
harmful interference, and (2) this device
must accept any interference received
including interference that may cause
undesirable operation.



- NOTES:
- ARTWORK AND TEXT TO BE APPROVED BY SENSUS ENGINEERING.
ALL REGIONS REQUIRE PROOF APPROVAL
ALL TEXT AND ARTWORK TO BE BLACK ON WHITE BACKGROUND
UV STABILIZED WITH NO PRINTED BORDERS.
 - BARCODE PRINT PER CODE 128 SYMBOLOGY
 - BLANK PART NUMBER: 539-61-101-39007 (U-89889-B)
 - SEE UI-1407 FOR PART NUMBER AND BUILD CODE MATRIX
 - SEE UI-1368 FOR MXU, MTU, TX & POWERLAN ID RANGES.

REMOVE ALL BURRS .XX & FRACTIONAL DIM. ±.010 .XXX DECIMAL DIM. ±.005 MACH. FINISH UNLESS OTHERWISE SPECIFIED	MATERIAL	CONFIGURATION BUILD CODE
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AT	CHANGE NOTICE NO.	DATE	 450 N Gallatin Avenue Uniontown PA 15401 USA	
00	1742-C	11-03-06		
01	1755	1/19/07		
02	1761-A	4/3/07		
03	1826	4-16-08	MODEL 510 (HDPE VERSION)	
04	27219	5-28-09	FCC/ID LABEL (EXTERNAL)	
05	27226-D	1-7-10	CONFIGURATION TABLE	
06	27411	3-4-11	SCALE	FULL
07	27551	2-15-12	DR. BY	JCS
08	27551-A	2-16-12	CH. BY	MW
PROD RELEASE			AP. BY	DL
				3/10/11
			SHEET	1 OF 1
			UI-1455-C	

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information contained therein will not be used in
any way detrimental to our interests and that all
copies will be returned immediately on demand

RadioRead FCC & IC DATA:
FCC ID: KCH510R2
IC: BLANK
REGION "F": MODEL 510R2
PT. NO.: PER ORDER
REGION "E": MXU ID: PER UI-1368
PATENT: 6850197
5438329

RadioRead Alt. FCC & IC DATA:
FCC ID: KCH510R2
IC: 2220A-510R2
REGION "F": MODEL 510R2 (ALT)
PT. NO.: PER ORDER
REGION "E": MXU ID: PER UI-1368
PATENT: 6850197
5438329

CELLNET FCC & IC DATA:
FCC ID: KCH520C
IC: 2220A-520C
REGION "F": MODEL 510C
PT. NO.: PER ORDER
REGION "E": PowerLAN ID: PER UI-1368
PATENT: 6850197

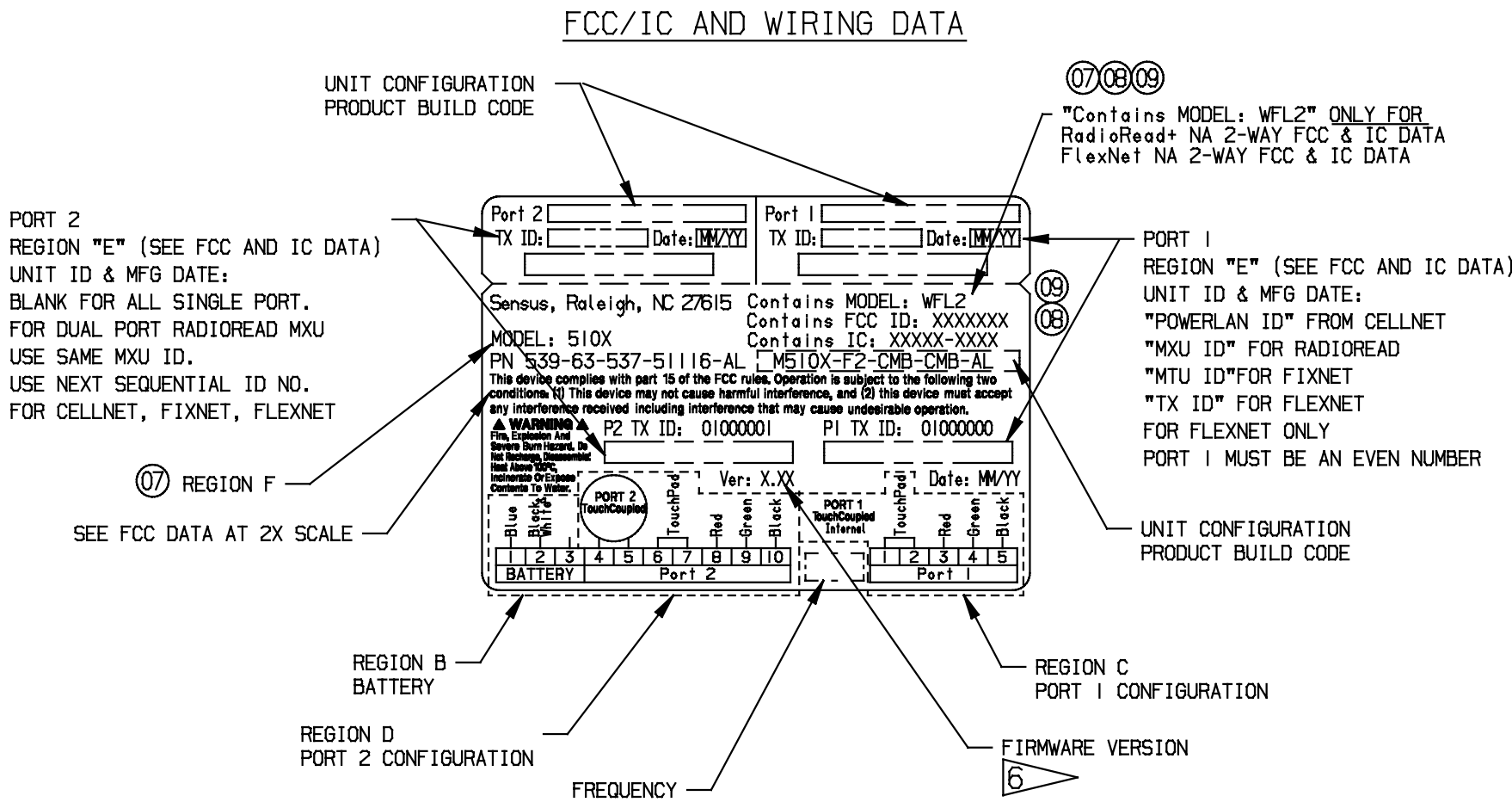
FixNet FCC & IC DATA:
FCC ID: KCH520F
IC: 2220A-520F
REGION "F": MODEL 510F
PT. NO.: PER ORDER
REGION "E": MTU ID: PER UI-1368
PATENT: 6850197

FlexNet FCC & IC DATA:
FCC ID: SDB520X
IC: 2220A-520X
REGION "F": MODEL 510X
PT. NO.: PER ORDER
REGION "E": TX ID: PER UI-1368
PATENT: 6850197

⑤ RadioRead+ NA 2-WAY FCC & IC DATA:
Contains MODEL: WFL2
⑨⑧⑩⑦ Contains FCC ID: SDBWFL2
Contains IC: 2220A-WFL2
REGION "F": MODEL: 510P
PT. NO.: PER ORDER
REGION "E": TX ID: PER UI-1368
PATENT: 6850197

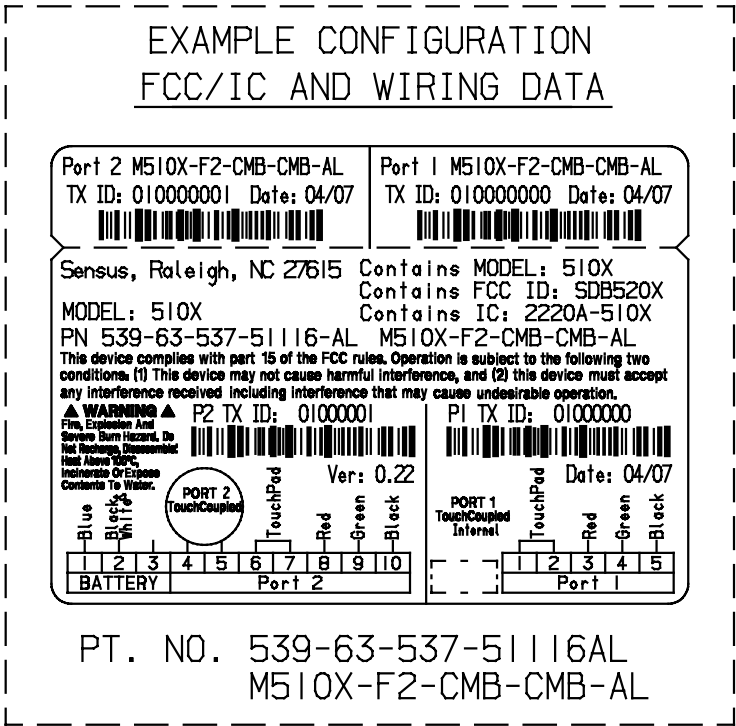
⑥ FlexNet NA 2-WAY FCC & IC DATA:
Contains MODEL: WFL2
⑨⑧⑩⑦ Contains FCC ID: SDBWFL2
Contains IC: 2220A-WFL2
REGION "F": MODEL: 510M
PT. NO.: PER ORDER
REGION "E": TX ID: PER UI-1368
PATENT: 6850197

UNIT CONFIGURATION TABLE			
XXXXXX-XX-XXX-XXX-	XX-	XXX-	XXX-
REGION "A"	REGION "B"	REGION "C"	REGION "D"
CELLNET			
Ver. XXX N/A M510C-	C1- DI- EI- FI-	3W-	3W-
RadioRead			
Ver. XXX 956 Mhz M510R-	C2- D2- E2- F2-	TC-	TC-
RadioRead			
Ver. XXX N/A M510RA-		CMB-	CMB-
FixNet			
Ver. XXX N/A M510F-		PLS-	PLS-
FlexNet			
Ver. XXX N/A M510X-			
FlexNet 2W			
Ver. XXX N/A M510M-			
RadioRead+			
Ver. XXX N/A M510P-			



FCC DATA SHOWN AT 2X SCALE FOR CLARITY

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesirable operation.



- NOTES:
- ARTWORK AND TEXT TO BE APPROVED BY SENSUS ENGINEERING.
ALL REGIONS REQUIRE PROOF APPROVAL
ALL TEXT AND ARTWORK TO BE BLACK ON WHITE BACKGROUND
UV STABILIZED WITH NO PRINTED BORDERS.
 - BARCODE PRINT PER CODE 128 SYMBOLOGY
 - BLANK LABEL PART NUMBER: 539-61-101-39006 (U-89810-B)
 - SEE UI-1407 FOR PART NUMBER AND BUILD CODE MATRIX
 - SEE UI-1368 FOR MXU, MTU, TX & POWERLAN ID RANGES
 - FOR APPROPRIATE FIRMWARE VERSION SEE U-89808-A
 - ALL TERMINAL BLOCK ARTWORK TO HAVE A +/- .03 TOLERANCE.

REMOVE ALL BURRS .XX & FRACTIONAL DIM. ±.010 .XXX DECIMAL DIM. ±.005 WACH. FINISH UNLESS OTHERWISE SPECIFIED	MATERIAL	CONFIGURATION BUILD CODE
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AT	CHANGE NOTICE NO.	DATE	
01	1755	1-19-07	
02	1761-A	4-3-07	
03	1761-B	6-11-07	
04	1826	4-16-08	
05	27219	5-28-09	MODEL 510 (HDPE VERSION) ⑩
06	27226-D	1-7-10	FCC/ID AND WIRING LABEL (INTERNAL)
07	27411	3-4-11	CONFIGURATION TABLE
08	27551	2-15-12	SCALE FULL DATE 10-17-06
09	27551-A	2-16-12	DR. BY JCS 3/10/11
PROD RELEASE			CH. BY MW 3/10/11
			AP. BY DL 3/10/11

450 N Gallatin Avenue
Uniontown PA 15401
USA

⑩

UI-1454-C

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RadioRead FCC & IC DATA:
FCC ID: KCH520R
IC: BLANK
REGION "F": MODEL 520R
PT. NO.: PER ORDER
REGION "E": MXU ID: PER UI-1368
PATENT: 6850197
5438329

RadioRead Alt. FCC & IC DATA:
FCC ID: KCH520R
IC: 2220A-520R
REGION "F": MODEL 520R (ALT)
PT. NO.: PER ORDER
REGION "E": MXU ID: PER UI-1368
PATENT: 6850197
5438329

CELLNET FCC & IC DATA:
FCC ID: KCH520C
IC: 2220A-520C
REGION "F": MODEL 520C
PT. NO.: PER ORDER
REGION "E": PowerLAN ID: PER UI-1368
PATENT: 6850197

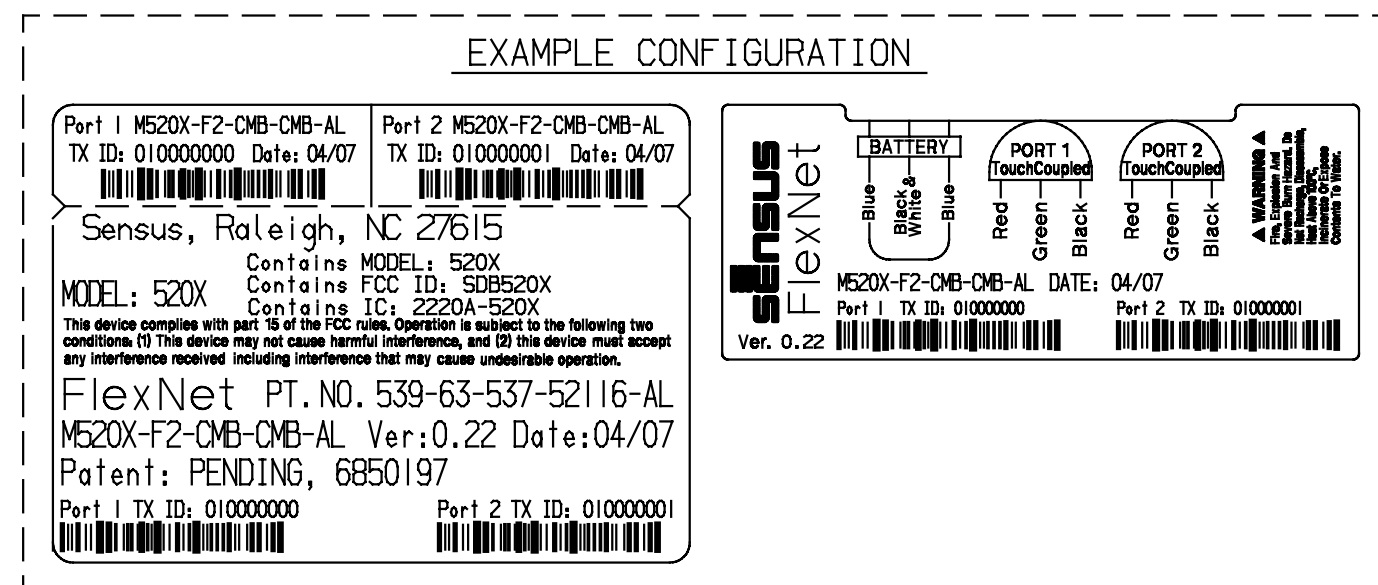
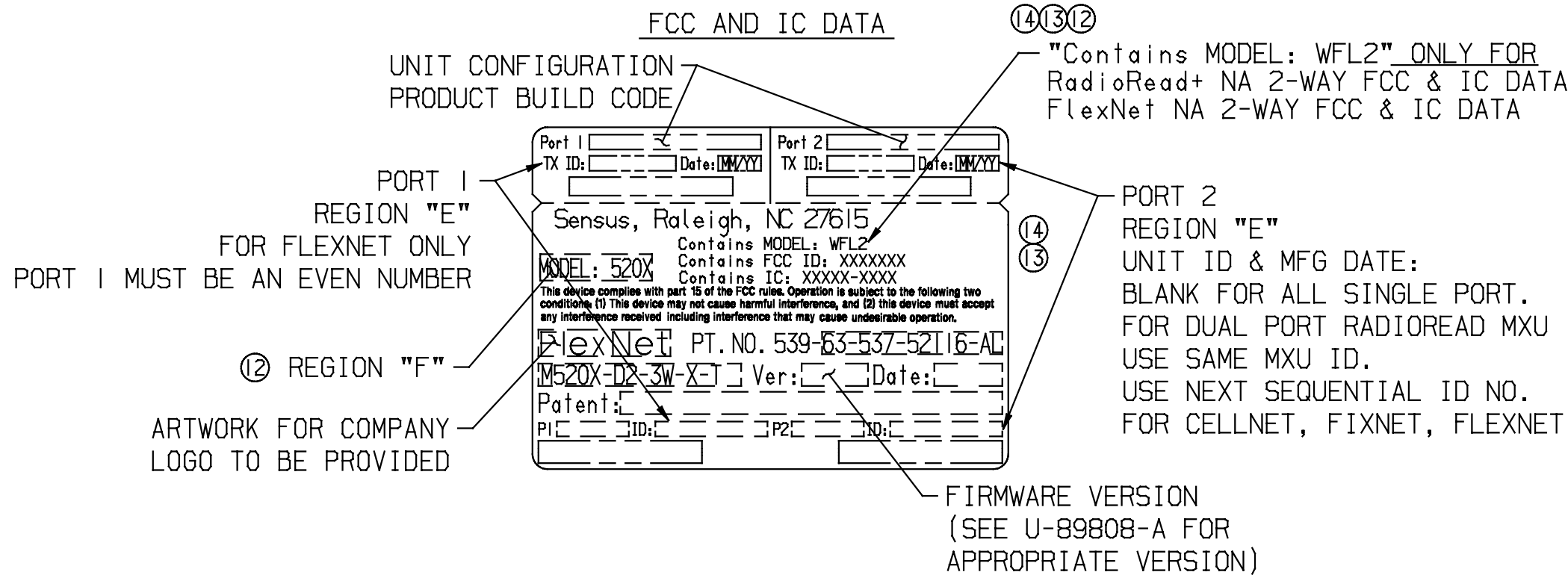
FixNet FCC & IC DATA:
FCC ID: KCH520F
IC: 2220A-520F
REGION "F": MODEL 520F
PT. NO.: PER ORDER
REGION "E": MTU ID: PER UI-1368
PATENT: 6850197

FlexNet FCC & IC DATA:
FCC ID: SDB520X
IC: 2220A-520X
REGION "F": MODEL 520X
PT. NO.: PER ORDER
REGION "E": TX ID: PER UI-1368
PATENT: 6850197

① RadioRead+ NA 2-WAY FCC & IC DATA:
Contains MODEL: WFL2
④③② Contains FCC ID: SDBWFL2
Contains IC: 2220A-WFL2
REGION "F": MODEL: 520P
PT. NO.: PER ORDER
REGION "E": TX ID: PER UI-1368
PATENT: 6850197

① FlexNet NA 2-WAY FCC & IC DATA:
Contains MODEL: WFL2
④③② Contains FCC ID: SDBWFL2
Contains IC: 2220A-WFL2
REGION "F": MODEL: 520M
PT. NO.: PER ORDER
REGION "E": TX ID: PER UI-1368
PATENT: 6850197

UNIT CONFIGURATION TABLE			
Ver. XXX N/A	XX- REGION "A"	XXX- REGION "B"	XXX- REGION "C"
M520C-	C1- DI- E1- FI- X-	X-	X-
RadioRead	BATTERY Blue Black White Blue	Port 1 Red Green Black	Port 2 Red Green Black
Ver. XXX 956 MHz	C2- D2- E2- F2- 3W-	3W-	3W-
M520R-		PORT 1 TouchCoupled	PORT 2 TouchCoupled
RadioRead		TC-	TC-
Ver. XXX 952 MHz		PORT 1 TouchCoupled	PORT 2 TouchCoupled
M520RA-		Red Green Black	Red Green Black
FixNet		CMB-	CMB-
Ver. XXX N/A		Port 1 PULSE Yellow Yellow	Port 2 PULSE Yellow Yellow
M520F-		PLS-	PLS-
FlexNet			
Ver. XXX N/A			
M520X-			
FlexNet 2W			
Ver. XXX N/A			
M520M-			
RadioRead+			
Ver. XXX N/A			
M520P-			



FCC DATA SHOWN AT 2X SCALE FOR CLARITY

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesirable operation.

NOTES:

- ARTWORK AND TEXT TO BE APPROVED BY SENSUS ENGINEERING.
ALL REGIONS REQUIRE PROOF APPROVAL.
ALL TEXT AND ARTWORK TO BE BLACK ON WHITE BACKGROUND.
UV STABILIZED WITH NO PRINTED BORDERS.
- BARCODE PRINT PER CODE 128 SYMBOLOGY.
- BLANK LABEL PART NUMBER: 539-61-101-39006 (U-89810-B).
- SEE UI-1407 FOR PART NUMBER AND BUILD CODE MATRIX.
- SEE UI-1368 FOR MXU, MTU, TX & POWERLAN ID RANGES.
- FOR APPROPRIATE FIRMWARE VERSION SEE U-89808-A.

Region "A"
Radio Type
Frequency (N/A = NOT PRINTED)
Firmware Version
(SEE U-89808-A FOR
APPROPRIATE VERSION)
RadioRead and CELLNET logo
artwork to be provided.

REGION "B"
EXTERNAL BATTERY

REGION "C"
PORT 1 CONFIGURATION

REGION "D"
PORT 2 CONFIGURATION

PORT 1
REGION "E" (SEE FCC AND IC DATA)
UNIT ID & MFG DATE:
"POWERLAN ID" FOR CELLNET
"MXU ID" FOR RADIOREAD
"MTU ID" FOR FIXNET
"TX ID" FOR FLEXNET
FOR FLEXNET ONLY
PORT 1 MUST BE AN EVEN NUMBER

UNIT CONFIGURATION BUILD CODE REGION

PORT 2
REGION "E" (SEE FCC AND IC DATA)
UNIT ID & MFG DATE:
BLANK FOR ALL SINGLE PORT.
FOR DUAL PORT RADIOREAD MXU
USE SAME MXU ID.
USE NEXT SEQUENTIAL ID NO.
FOR CELLNET, FIXNET, FLEXNET

REMOVE ALL BURRS
.XX & FRACTIONAL DIM. ±.010
.XXX DECIMAL DIM. ±.005
MACH. FINISH
UNLESS OTHERWISE SPECIFIED

MATERIAL	CONFIGURATION BUILD CODE
	XXXXXXXX-XX-XXX-XXX-XXX

AT	CHANGE NOTICE NO.	DATE		
06	1755	1/19/07		
07	1761-A	4/3/07		
08	1763-B	5/9/07		
09	1826	4-16-08		
10	27219	5-28-09		
11	27226-D	1-7-10		
12	27411	3-4-11	SCALE	FULL
13	27551	2-15-12	DR. BY	MJZ
14	27551-A	2-16-12	CH. BY	MW
PROD RELEASE			AP. BY	DL
				DATE
				04/21/05
				3/10/11
				3/10/11

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SHEET 1 OF 1

UI-1406-C





