

REVISIONS		
REV.	DESCRIPTION	DATE
A		11-Jul-2016
B	UPDATED BOM, MODULE VIEWS AND DESCRIPTIONS	17-Jan-2017
C	UPDATED BOM - ADDED LABELS, GND HARDWARE	10-Mar-2017
C	UPDATED TABLE B	20-Mar-2017
D	UPDATED BOM AND ASSEMBLY INSTRUCTIONS, RENAMED ALL EXISTING CONFIGURATIONS, ADDED NEW CONFIGURATIONS	13-Sep-2017
D	UPDATED TITLES & PACKAGING; ADDED NEW CONFIGURATIONS	03-Apr-2018
E	ADDED REACH NOTE, DISH CONFIGURATION, ACCESSORY PAGE	30-Jul-2018
F	ASSIGNED T-CODE TO BAR CODE LABEL, CORRECTED TYPO ON PAGE 2, UPDATED TABLE C AND PACKAGING NOTES	21-Nov-2018
G	UPDATED REVISION DUE TO PCBA UP-REV	25-Jun-2019
G	ADDED CONFIGURATIONS - T0006502, T0006503	26-May-2020
H	UPDATED BOM AND STEP 2&3, UPDATED CONFIGURATIONS, UPDATED PACKAGING AND SHIPPING	22-Sep-2021
I0	UPDATED PCB/PCBA, CONFIGURATIONS, BOMS, SAFETY & REGULATORY LABELS, TABLE C-PACKAGING AND SHIPPING	07-Jun-2022
I1	REMOVED UL50E O-RINGS FROM NA FDD MODULES; ADDED LOCTITE TO VENT THREAD	20-Sep-2022

NOTES:

- DRAWING DIMENSIONS ARE FOR REFERENCE AND INSPECTION ONLY. THE ASSOCIATED 3D CAD FILE IS THE PRIMARY DIMENSION REFERENCE.
- ALL DIMENSIONS IN MM [INCHES]
- UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 DIMENSIONS: X ±0.5
 X.X ±0.25
 X.XX ±0.1
 X.XXX ±0.05
 ANGLES: ±1.0°
- ALL MATERIALS, FINISHES AND MANUFACTURING PROCESSES SHALL BE COMPLIANT WITH EU DIRECTIVES 2011/65 & 2015/863 (RoHS 3)
- ALL MATERIALS, FINISHES AND PACKAGING SHALL BE COMPLIANT WITH EU DIRECTIVE 1907/2006 (REACH) AND THE CURRENT LIST OF SvHC.
- THIS PRODUCT SHALL BE BUILT TO THE REQUIREMENTS LISTED IN TEKTELIC PRODUCT WORKMANSHIP STANDARD A0001043.
- LABELS SHALL BE MADE ACCORDING TO TEKTELIC SERIALIZATION AND LABELING STANDARD A0001010.
- SEE TABLE C FOR PACKAGING AND SHIPPING SPECIFICATIONS.



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TITLE:

LORA GATEWAY MODULE, KONA MEGA, NA FDD, OPTION #1

DWG NO.

T0004142

REVISION

I1

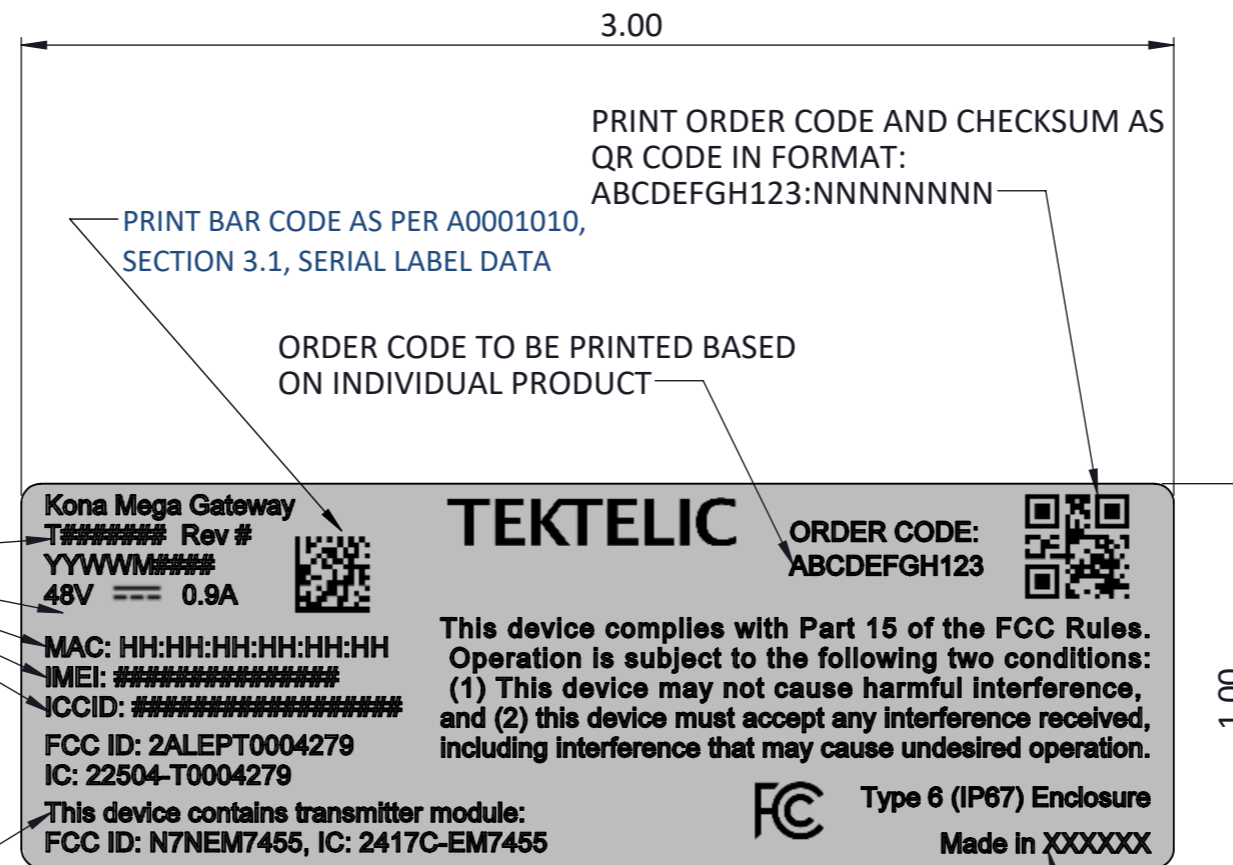
SIZE

A3

REVISIONS		
REV.	DESCRIPTION	DATE
A		09-Mar-2017
B	Correct FCC ID	29-Mar-2017
C	ADDED WEEE MARK; UPDATED PRODUCT NAME	01-Nov-2017
D	UPDATED APPROVED MATERIALS	09-Nov-2018
E	UPDATED SIZE; ADDED ORDER CODE	03-Jun-2022
F	REMOVED CSA MARK	20-Sep-2022

SAFETY AND REGULATORY LABEL

- SIZE: 3.00" X 1.00"
- FONT: ARIAL, 5 POINTS
- TEXT AND LAYOUT AS SHOWN BELOW

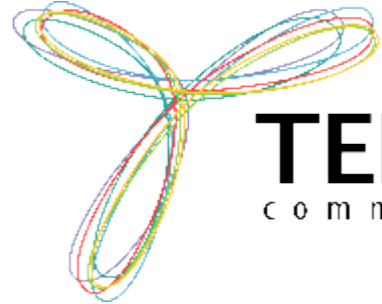


PART NUMBER, REVISION, SERIAL NUMBER, MAC ADDRESS, IMEI NUMBER AND ICCID NUMBER TO BE PRINTED BASED ON INDIVIDUAL PRODUCT

NOTE: IMEI AND ICCID ONLY APPLY TO PRODUCT WITH 3G/4G OPTION. FOR OTHER PRODUCT, LEAVE BLANK

NOTE: TRANSMITTER MODULE STATEMENT ONLY APPLY TO PRODUCT WITH LTE MODEM OPTION. FOR OTHER PRODUCT, LEAVE BLANK

- NOTES:
- DRAWING DIMENSIONS ARE FOR REFERENCE AND INSPECTION ONLY. THE ASSOCIATED 3D CAD FILE IS THE PRIMARY DIMENSION REFERENCE.
 - ALL DIMENSIONS IN INCHES [MM]
 - UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 DIMENSIONS: X ±0.02
 X.X ±0.01
 X.XX ±0.005
 ANGLES: ±0.5°
 - MATERIAL: ZEBRA TECHNOLOGIES, Z-XTREME 400T WHITE, Z-ULTIMATE 3000T WHITE, OR APPROVED EQUIVALENT.
 - PRINTER RIBBON: ZEBRA TECHNOLOGIES, 5095 HIGH-PERFORMANCE RESIN, OR APPROVED EQUIVALENT.
 - PRINT TEXT, SYMBOL, AND 2D BARCODE WITH ZEBRA TECHNOLOGIES PRINTING SYSTEM, COLOR: BLACK.
 - REMOVE ALL BURRS AND SHARP EDGES.
 - ALL MATERIALS, FINISHES AND MANUFACTURING PROCESSES SHALL BE COMPLIANT WITH EU DIRECTIVES 2011/65 & 2015/863 (RoHS 3).
 - ALL MATERIALS, FINISHES AND PACKAGING SHALL BE COMPLIANT WITH EU DIRECTIVE 1907/2006 (REACH) AND THE CURRENT LIST OF SvHC.
 - THIS PRODUCT SHALL BE BUILT TO THE REQUIREMENTS LISTED IN TEKTELIC PRODUCT WORKMANSHIP STANDARD A0001043.



TEKTELIC

communications

TITLE:
LABEL, SAFETY AND REGULATORY, KONA MEGA NA

DWG NO. T0004637	REVISION F	SIZE A3
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SCALE:2:1 SHEET 1 OF 2

<p>Kona Mega Gateway T0004142 Rev F1 YYWWM#### 48V \equiv 0.9A</p> 	<h1>TEKTELIC</h1>	<p>ORDER CODE: ABCDEFGH123</p> 
<p>MAC: HH:HH:HH:HH:HH:HH</p> <p>FCC ID: 2ALEPT0004279 IC: 22504-T0004279</p>	<p>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 undesired operation.</p>	
		<p>Type 6 (IP67) Enclosure Made in XXXXXX</p>

Figure 1 Option 1


<p>Kona Mega Gateway T0004470 Rev F1 YYWWM#### 48V \equiv 0.9A</p> 	<h1>TEKTELIC</h1>	<p>ORDER CODE: ABCDEFGH123</p> 
<p>MAC: HH:HH:HH:HH:HH:HH IMEI: ##### ICCID: ##### FCC ID: 2ALEPT0004279 IC: 22504-T0004279</p> <p>This device contains transmitter module: FCC ID: N7NEM7455, IC: 2417C-EM7455</p>	<p>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 undesired operation.</p>	
		<p>Type 6 (IP67) Enclosure Made in XXXXXX</p>

Figure 2 Option 2



<p>Kona Mega Gateway T0004250 Rev F1 YYWWM#### 48V \equiv 0.9A</p> 	<h1>TEKTELIC</h1>	<p>ORDER CODE: ABCDEFGH123</p> 
<p>MAC: HH:HH:HH:HH:HH:HH IMEI: ##### ICCID: ##### FCC ID: 2ALEPT0004279 IC: 22504-T0004279</p> <p>This device contains transmitter module: FCC ID: N7NEM7455, IC: 2417C-EM7455</p>	<p>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 undesired operation.</p>	
		<p>Type 6 (IP67) Enclosure Made in XXXXXX</p>

Figure 3 Option 3

<p>Kona Mega Gateway T0004251 Rev F1 YYWWM##### 48V \equiv 0.9A</p>  <p>MAC: HH:HH:HH:HH:HH:HH</p> <p>FCC ID: 2ALEPT0004279 IC: 22504-T0004279</p>	<h1>TEKTELIC</h1>	<p>ORDER CODE: ABCDEFGH123</p> 
<p>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 undesired operation.</p>		
		<p>Type 6 (IP67) Enclosure Made in XXXXXX</p>

Figure 4 Option 4


<p>Kona Mega Gateway T0004252 Rev F1 YYWWM##### 48V \equiv 0.9A</p>  <p>MAC: HH:HH:HH:HH:HH:HH</p> <p>FCC ID: 2ALEPT0004279 IC: 22504-T0004279</p>	<h1>TEKTELIC</h1>	<p>ORDER CODE: ABCDEFGH123</p> 
<p>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 undesired operation.</p>		
		<p>Type 6 (IP67) Enclosure Made in XXXXXX</p>

Figure 5 Option 5


<p>Kona Mega Gateway T0004537 Rev F1 YYWWM##### 48V \equiv 0.9A</p>  <p>MAC: HH:HH:HH:HH:HH:HH</p> <p>FCC ID: 2ALEPT0004279 IC: 22504-T0004279</p>	<h1>TEKTELIC</h1>	<p>ORDER CODE: ABCDEFGH123</p> 
<p>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 undesired operation.</p>		
		<p>Type 6 (IP67) Enclosure Made in XXXXXX</p>

Figure 6 Option 6