



**Stryker**  
**LP35 Monitor/Defibrillator (With Modem)**

**SAR Evaluation Report: PHYS1087.5, Issue Date: January 7, 2022**

**Evaluated to the following SAR specification:**

**FCC 2.1093:2021**



# CERTIFICATE OF TEST



Last Date of Test: November 3, 2021

Stryker

EUT: LP35 Monitor/Defibrillator (With Modem)

## Applicable Standard:

| Test Description | Specification   | Test Method                                                                                                                                                                       | Pass/Fail |
|------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| SAR Evaluation   | FCC 2.1093:2021 | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 248227 D01 v02r02<br>KDB 941225 D01 v03r01<br>KDB 941225 D05 v02r05 | Pass      |

## Highest Measured SAR Values:

| Radio            | Equipment Class | Frequency Band (MHz)   | Duty Cycle used for Evaluation | Body (W/kg)<br>1g | Limit (W/kg)<br>1g | Exposure Environment |
|------------------|-----------------|------------------------|--------------------------------|-------------------|--------------------|----------------------|
| Bluetooth        | DSS             | 2402-2480              | 100                            | N/A               | N/A                | General Population   |
| Wi-Fi 802.11bgn  | DTS             | <b>2412-2462</b>       | <b>100</b>                     | <b>0.43</b>       | <b>1.6</b>         |                      |
| Wi-Fi 802.11an   | NII             | 5180-5240              | 100                            | 0.84              | 1.6                |                      |
|                  |                 | 5260-5320              | 100                            | N/A               | N/A                |                      |
|                  |                 | <b>5500-5700</b>       | <b>100</b>                     | <b>1.19</b>       | <b>1.6</b>         |                      |
|                  |                 | 5745-5825              | 100                            | 0.76              | 1.6                |                      |
| Cellular - WCDMA | PCB             | <b>1850-1910 (BII)</b> | <b>100</b>                     | <b>0.52</b>       | <b>1.6</b>         |                      |
|                  |                 | 1710-1755 (BIV)        | 100                            | 0.11              | 1.6                |                      |
|                  |                 | 824-849 (BV)           | 100                            | 0.45              | 1.6                |                      |
| Cellular - LTE   | PCB             | <b>1850-1910 (B2)</b>  | <b>100</b>                     | <b>0.76</b>       | <b>1.6</b>         |                      |
|                  |                 | 1710-1755 (B66/4)      | 100                            | 0.13              | 1.6                |                      |
|                  |                 | 824-849 (B5)           | 100                            | 0.33              | 1.6                |                      |
|                  |                 | 699-716 (B12)          | 100                            | 0.22              | 1.6                |                      |
|                  |                 | 777-787 (B13)          | 100                            | 0.25              | 1.6                |                      |
|                  |                 | 788-798 (B14)          | 100                            | 0.20              | 1.6                |                      |
|                  |                 | 663-698 (B71)          | 100                            | 0.46              | 1.6                |                      |

## Deviations From Test Standards

None

## Approved By:

Don Facteau, Systems Architect

# REVISION HISTORY



| Revision Number | Description | Date<br>(yyyy-mm-dd) | Page Number |
|-----------------|-------------|----------------------|-------------|
| 00              | None        |                      |             |

# ACCREDITATIONS AND AUTHORIZATIONS



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## United States

**FCC** - Designated by the FCC as a Telecommunications Certification Body (TCB). Certification chambers, Open Area Test Sites, and conducted measurement facilities are listed with the FCC.

**A2LA** - Each laboratory is accredited by A2LA to ISO / IEC 17025, and as a product certifier to ISO / IEC 17065 which allows Element to certify transmitters to FCC and IC specifications.

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## Canada

**ISED** - Recognized by Innovation, Science and Economic Development Canada as a Certification Body (CB) and as a CAB for the acceptance of test data.

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## European Union

**European Commission** – Recognized as an EU Notified Body validated for the EMCD and RED Directives.

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## United Kingdom

**BEIS** – Recognized by the UK as an Approved Body under the UK Radio Equipment and UK EMC Regulations.

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## Australia/New Zealand

**ACMA** - Recognized by ACMA as a CAB for the acceptance of test data.

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## Korea

**MSIT / RRA** - Recognized by KCC's RRA as a CAB for the acceptance of test data.

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## Japan

**VCCI** - Associate Member of the VCCI. Conducted and radiated measurement facilities are registered.

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## Taiwan

**BSMI** – Recognized by BSMI as a CAB for the acceptance of test data.

**NCC** - Recognized by NCC as a CAB for the acceptance of test data.

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## Singapore

**IDA** – Recognized by IDA as a CAB for the acceptance of test data.

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## Israel

**MOC** – Recognized by MOC as a CAB for the acceptance of test data.

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## Hong Kong

**OFCA** – Recognized by OFCA as a CAB for the acceptance of test data.

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## Vietnam

**MIC** – Recognized by MIC as a CAB for the acceptance of test data.

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## SCOPE

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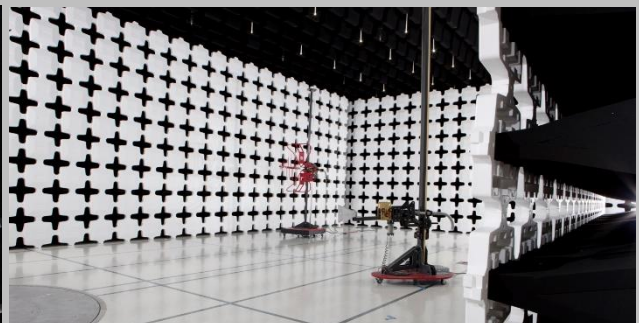
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# FACILITIES



|                                                                                       |                                                                                                       |                                                                                                       |                                                                                        |                                                                                                           |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>California</b><br>Labs OC01-17<br>41 Tesla<br>Irvine, CA 92618<br>(949) 861-8918   | <b>Minnesota</b><br>Labs MN01-11<br>9349 W Broadway Ave.<br>Brooklyn Park, MN 55445<br>(612)-638-5136 | <b>Oregon</b><br>Labs EV01-12<br>6775 NE Evergreen Pkwy #400<br>Hillsboro, OR 97124<br>(503) 844-4066 | <b>Texas</b><br>Labs TX01-09<br>3801 E Plano Pkwy<br>Plano, TX 75074<br>(469) 304-5255 | <b>Washington</b><br>Labs NC01-05<br>19201 120 <sup>th</sup> Ave NE<br>Bothell, WA 98011<br>(425)984-6600 |
| <b>A2LA</b>                                                                           |                                                                                                       |                                                                                                       |                                                                                        |                                                                                                           |
| Lab Code: 3310.04                                                                     | Lab Code: 3310.05                                                                                     | Lab Code: 3310.02                                                                                     | Lab Code: 3310.03                                                                      | Lab Code: 3310.06                                                                                         |
| <b>Innovation, Science and Economic Development Canada</b>                            |                                                                                                       |                                                                                                       |                                                                                        |                                                                                                           |
| 2834B-1, 2834B-3                                                                      | 2834E-1, 2834E-3                                                                                      | 2834D-1                                                                                               | 2834G-1                                                                                | 2834F-1                                                                                                   |
| <b>BSMI</b>                                                                           |                                                                                                       |                                                                                                       |                                                                                        |                                                                                                           |
| SL2-IN-E-1154R                                                                        | SL2-IN-E-1152R                                                                                        | SL2-IN-E-1017                                                                                         | SL2-IN-E-1158R                                                                         | SL2-IN-E-1153R                                                                                            |
| <b>VCCI</b>                                                                           |                                                                                                       |                                                                                                       |                                                                                        |                                                                                                           |
| A-0029                                                                                | A-0109                                                                                                | A-0108                                                                                                | A-0201                                                                                 | A-0110                                                                                                    |
| <b>Recognized Phase I CAB for ISED, ACMA, BSMI, IDA, KCC/RRA, MIC, MOC, NCC, OFCA</b> |                                                                                                       |                                                                                                       |                                                                                        |                                                                                                           |
| US0158                                                                                | US0175                                                                                                | US0017                                                                                                | US0191                                                                                 | US0157                                                                                                    |





# PRODUCT DESCRIPTION

## Client and Equipment Under Test (EUT) Information

|                          |                                         |
|--------------------------|-----------------------------------------|
| Company Name:            | Stryker                                 |
| Address:                 | 11811 Willows Road NE PO Box 97006      |
| City, State, Zip:        | Redmond, WA 98073                       |
| Test Requested By:       | Kyujin Choi                             |
| Model:                   | LP35 Monitor/Defibrillator (With Modem) |
| First Date of Test:      | August 9, 2021                          |
| Last Date of Test:       | November 3, 2021                        |
| Receipt Date of Samples: | August 2, 2021                          |
| Equipment Design Stage:  | Formal Verification                     |
| Equipment Condition:     | No Damage                               |
| Purchase Authorization:  | Verified                                |

## Information Provided by the Party Requesting the Test

### Functional Description of the EUT:

Automated External Defibrillator with an embedded 802.11abgn MIMO/BT module and an external cellular modem. MIMO is supported in the 2.4 GHz band only. 40 MHz bandwidths are disabled in the 2.4 GHz band. The module supports Bluetooth Low Energy (BLE), but this has been disabled for this product.

Wi-Fi/BT module FCC ID: Z64-WL18DBMOD

Cellular module FCC ID: RI7LE910CXNF

The device contains the following radios:

Bluetooth BDR/EDR: 2402 - 2480 MHz

802.11b/g/n 2.4 GHz ISM: 2412 - 2462 MHz

802.11a/n U-NII-1: 5180 - 5240 MHz

802.11a/n U-NII-2A: 5260 - 5320 MHz

802.11a/n U-NII-2C: 5500 - 5700 MHz

802.11a/n U-NII-3: 5745 - 5825 MHz

WCDMA Band II: Uplink 1850 - 1910 MHz

WCDMA Band IV: Uplink 1710 - 1755 MHz

WCDMA Band V: Uplink 824 - 849

LTE Band 2: Uplink 1850 - 1910 MHz

LTE Band 4: Uplink 1710 - 1755 MHz

LTE Band 5: Uplink 824 - 849 MHz

LTE Band 12: Uplink 699 - 716 MHz

LTE Band 13: Uplink 777 - 787 MHz

LTE Band 14: Uplink 788 - 798 MHz

LTE Band 66: Uplink 1710 - 1780 MHz

LTE Band 71: Uplink 663 - 698 MHz

# PRODUCT DESCRIPTION

Location of transmit antenna(s):

Entire EUT View



View of Cell Modem Inside Left Bag



# PRODUCT DESCRIPTION

## Testing Locations and Separation Distances:

| Tech.     | Technology          | EUT Orientation      |                      |                      |                      |                      |                      |
|-----------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|           |                     | Front                | Back                 | Left                 | Right                | Top <sup>5</sup>     | Bottom <sup>6</sup>  |
| Bluetooth | Bluetooth BDR/EDR   | Reduced <sup>3</sup> | Reduced <sup>3</sup> | Reduced <sup>3</sup> | Reduced <sup>3</sup> | Reduced <sup>3</sup> | Reduced <sup>6</sup> |
| Wi-Fi     | 802.11bgn DSSS      | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | 802.11bgn OFDM SISO | Reduced <sup>1</sup> | Reduced <sup>1</sup> | Reduced <sup>3</sup> | Reduced <sup>3</sup> | Reduced <sup>1</sup> | Reduced <sup>6</sup> |
|           | 802.11bgn OFDM MIMO | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | 802.11an U-NII-1    | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | 802.11an U-NII-2A   | Reduced <sup>2</sup> | Reduced <sup>2</sup> | Reduced <sup>3</sup> | Reduced <sup>3</sup> | Reduced <sup>2</sup> | Reduced <sup>6</sup> |
|           | 802.11an U-NII-2C   | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
| WCDMA     | 802.11an U-NII-3    | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band II             | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band IV             | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
| LTE       | Band V              | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 2              | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 4              | Reduced <sup>4</sup> | Reduced <sup>4</sup> | Reduced <sup>4</sup> | Reduced <sup>4</sup> | Reduced <sup>4</sup> | Reduced <sup>6</sup> |
|           | Band 5              | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 12             | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 13             | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 14             | Reduced <sup>3</sup> | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 66             | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |
|           | Band 71             | 0 mm                 | 0 mm                 | 0 mm                 | Reduced <sup>3</sup> | 0 mm <sup>5</sup>    | Reduced <sup>6</sup> |

1: Per KDB 248227 D01 5.2.2, if the following equation is true, then SAR is not required for 2.4 GHz OFDM conditions:

$$\text{Highest Reported DSSS SAR} \left( \frac{W}{kg} \text{ over } 1g \right) * \frac{\text{Maximum OP for OFDM (dBm)}}{\text{Maximum OP for DSSS at highest reported DSSS SAR over } 1g \text{ (dBm)}} \leq 1.2 \frac{W}{kg} \text{ over } 1g$$

The highest reported SAR DSSS value is 0.43 W/kg over 1g, the measured OP for this channel is 15.5 dBm, and the highest SISO OFDM value is 15.4 dBm. MIMO OFDM values were not considered for this calculation since they were measured separately. Therefore this equation becomes:

$$0.43 \frac{W}{kg} \text{ over } 1g * \frac{15.4 \text{ dBm}}{15.5 \text{ dBm}} \leq 1.2 \frac{W}{kg} \text{ over } 1g$$

$$0.43 \frac{W}{kg} \text{ over } 1g \leq 1.2 \frac{W}{kg} \text{ over } 1g$$

The equation is true, therefore SAR is not required for 2.4 GHz OFDM conditions.

2: Per KDB 248227 D01 5.3.1: SAR is first measured on the band with the highest maximum rated power between the U-NII-1 band and the U-NII-2A band. If they are the same, the U-NII-2A band is measured. For this device, the U-NII-1 band has a higher rated power so it is measured. When the following equation is true, SAR is not required for both the U-NII-2A band:

$$\text{Highest Reported U-NII-1 SAR} \left( \frac{W}{kg} \text{ over } 1g \right) * \frac{\text{Maximum OP for U-NII-2A (dBm)}}{\text{Maximum OP for U-NII-1 at highest reported SAR over } 1g \text{ (dBm)}} \leq 1.2 \frac{W}{kg} \text{ over } 1g$$

The highest max rated power is 16 dBm and occurs in band U-NII-1, the highest reported SAR value for this band is 0.84 W/kg over 1g. The max rated power in band U-NII-2A is 14 dBm. Therefore the equation becomes:

$$0.84 \frac{W}{kg} \text{ over } 1g * \frac{14 \text{ (dBm)}}{16 \text{ (dBm)}} \leq 1.2 \frac{W}{kg} \text{ over } 1g$$

$$0.74 \frac{W}{kg} \text{ over } 1g \leq 1.2 \frac{W}{kg} \text{ over } 1g$$

The equation is true, therefore SAR is not required for The U-NII-2A band.

3: Reduced due to meeting standalone SAR Test Exclusion.

4: Per April 2015 TCB Workshop presentation, when there are fully overlapping LTE bands, testing can be limited to the larger LTE band provided that the larger LTE has the same or higher maximum power and that it has the same or more bandwidths supported. LTE Band 66 and Band 4 meet these conditions. Therefore band 4 can be reduced.

5: In the field, the device will have a non-metallic handle present on the top orientation that a hand can wrap around. This presents a non-standard form factor for testing. The handle has been removed to facilitate testing. This presents a worst-case exposure condition with regards to separation distance. In the field, extremities can be 0 mm away from the top side of the device but the body will be at minimum 63.9 mm away due to the handle size. For the purposes of testing, the top orientation is being tested against body exposure limits at a distance of 0 mm.

6: Device is used on tabletop-type surfaces, meaning the human body cannot be exposed on the bottom orientation.



# PRODUCT DESCRIPTION

## Rated Power and Software Power Settings:

| Radio | Band | Rated Power (dBm) | Tune-Up Power (+dB) | Max Rated Power (dBm) |
|-------|------|-------------------|---------------------|-----------------------|
| WCDMA | II   | 24                | 1                   | 25                    |
|       | IV   | 24                | 1                   | 25                    |
|       | V    | 24                | 1                   | 25                    |
| LTE   | 2    | 23                | 0.5                 | 23.5                  |
|       | 4    | 23                | 0.5                 | 23.5                  |
|       | 5    | 23                | 0.5                 | 23.5                  |
|       | 12   | 23                | 0.5                 | 23.5                  |
|       | 13   | 23                | 0.5                 | 23.5                  |
|       | 14   | 23                | 0.5                 | 23.5                  |
|       | 66   | 23                | 0.5                 | 23.5                  |
|       | 71   | 23                | 0.5                 | 23.5                  |

| Radio and Band    | Channel | Frequency (MHz) | Protocol | Data Rate            | Modulation | Software Power Setting | Max Rated Power (dBm) |
|-------------------|---------|-----------------|----------|----------------------|------------|------------------------|-----------------------|
| Wi-Fi 2.4 GHz ISM | 1       | 2412            | 802.11b  | 1 Mbps               | DSSS       | 17.3                   | 16                    |
|                   |         |                 |          | 11 Mbps              | DSSS       | 17.3                   | 16                    |
|                   |         |                 | 802.11g  | 6 Mbps               | OFDM       | 17.1                   | 12                    |
|                   |         |                 |          | 54 Mbps              | OFDM       | 13.8                   | 12                    |
|                   |         |                 | 802.11n  | MCS0 20 MHz          | OFDM       | 16.1                   | 12                    |
|                   |         |                 |          | MCS7 20 MHz          | OFDM       | 12.6                   | 12                    |
|                   |         |                 |          | MCS12 20 MHz Chain A | OFDM       | 18.5                   | N/A                   |
|                   |         |                 |          | MCS12 20 MHz Chain B | OFDM       |                        | N/A                   |
|                   |         |                 |          | MCS12 20 MHz Sum     | OFDM       |                        | 16.5                  |
|                   |         |                 |          | MCS15 20 MHz Chain A | OFDM       | 13.4                   | N/A                   |
|                   |         |                 |          | MCS15 20 MHz Chain B | OFDM       |                        | N/A                   |
|                   |         |                 |          | MCS15 20 MHz Sum     | OFDM       |                        | 13.4                  |
|                   | 6       | 2437            | 802.11b  | 1 Mbps               | DSSS       | 17.3                   | 16                    |
|                   |         |                 |          | 11 Mbps              | DSSS       | 17.3                   | 16                    |
|                   |         |                 | 802.11g  | 6 Mbps               | OFDM       | 17.1                   | 16.5                  |
|                   |         |                 |          | 54 Mbps              | OFDM       | 13.8                   | 13.8                  |
|                   |         |                 | 802.11n  | MCS0 20 MHz          | OFDM       | 16.1                   | 16.1                  |
|                   |         |                 |          | MCS7 20 MHz          | OFDM       | 12.6                   | 12.6                  |
|                   |         |                 |          | MCS12 20 MHz Chain A | OFDM       | 18.5                   | N/A                   |
|                   |         |                 |          | MCS12 20 MHz Chain B | OFDM       |                        | N/A                   |
|                   |         |                 |          | MCS12 20 MHz Sum     | OFDM       |                        | 16.5                  |
|                   |         |                 |          | MCS15 20 MHz Chain A | OFDM       | 13.4                   | N/A                   |
|                   |         |                 |          | MCS15 20 MHz Chain B | OFDM       |                        | N/A                   |
|                   |         |                 |          | MCS15 20 MHz Sum     | OFDM       |                        | 13.4                  |
|                   | 11      | 2462            | 802.11b  | 1 Mbps               | DSSS       | 17.3                   | 16                    |
|                   |         |                 |          | 11 Mbps              | DSSS       | 17.3                   | 16                    |
|                   |         |                 | 802.11g  | 6 Mbps               | OFDM       | 17.1                   | 12                    |
|                   |         |                 |          | 54 Mbps              | OFDM       | 13.8                   | 12                    |
|                   |         |                 | 802.11n  | MCS0 20 MHz          | OFDM       | 16.1                   | 12                    |
|                   |         |                 |          | MCS7 20 MHz          | OFDM       | 12.6                   | 12                    |
|                   |         |                 |          | MCS12 20 MHz Chain A | OFDM       | 18.5                   | N/A                   |
|                   |         |                 |          | MCS12 20 MHz Chain B | OFDM       |                        | N/A                   |
|                   |         |                 |          | MCS12 20 MHz Sum     | OFDM       |                        | 16.5                  |
|                   |         |                 |          | MCS15 20 MHz Chain A | OFDM       | 13.4                   | N/A                   |
|                   |         |                 |          | MCS15 20 MHz Chain B | OFDM       |                        | N/A                   |
|                   |         |                 |          | MCS15 20 MHz Sum     | OFDM       |                        | 13.4                  |



# PRODUCT DESCRIPTION

| Radio and Band | Channel | Frequency (MHz) | Protocol | Data Rate   | Modulation | Software Power Setting | Max Rated Power (dBm) |
|----------------|---------|-----------------|----------|-------------|------------|------------------------|-----------------------|
| Wi-Fi U-NII-1  | 36      | 5180            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                | 38      | 5190            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                |         |                 | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                | 40      | 5200            | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                |         |                 | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                | 44      | 5220            | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                |         |                 | 802.11a  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                | 46      | 5230            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
| Wi-Fi U-NII-2A | 52      | 5260            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                | 54      | 5270            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                |         |                 | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                | 56      | 5280            | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                |         |                 | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                | 60      | 5300            | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                |         |                 | 802.11a  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                | 64      | 5320            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
| Wi-Fi U-NII-2C | 100     | 5500            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                | 102     | 5510            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                |         |                 | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                | 110     | 5550            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                | 116     | 5580            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                |         |                 | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                | 134     | 5670            | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |
|                |         |                 | 802.11a  | MCS0 40 MHz | OFDM       | 16.5                   | 16.5                  |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    |
|                | 140     | 5700            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16.5                  |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    |

# PRODUCT DESCRIPTION

|                  |     |      |         |             |      |      |      |
|------------------|-----|------|---------|-------------|------|------|------|
| Wi-Fi<br>U-NII-3 | 149 | 5745 | 802.11a | 6 Mbps      | OFDM | 18   | 16.5 |
|                  |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 |
|                  | 151 | 5755 | 802.11n | MCS0 20 MHz | OFDM | 18   | 16.5 |
|                  |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   |
|                  |     |      |         | MCS0 40 MHz | OFDM | 16.5 | 16.5 |
|                  | 157 | 5785 | 802.11n | MCS7 40 MHz | OFDM | 12   | 12   |
|                  |     |      |         | 6 Mbps      | OFDM | 18   | 16.5 |
|                  |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 |
|                  |     |      |         | MCS0 20 MHz | OFDM | 18   | 16.5 |
|                  | 159 | 5795 | 802.11n | MCS7 20 MHz | OFDM | 13   | 13   |
|                  |     |      |         | MCS0 40 MHz | OFDM | 16.5 | 16.5 |
|                  | 165 | 5825 | 802.11n | MCS7 40 MHz | OFDM | 12   | 12   |
|                  |     |      |         | 6 Mbps      | OFDM | 18   | 16.5 |
|                  |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 |
|                  |     |      |         | MCS0 20 MHz | OFDM | 18   | 16.5 |
|                  |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   |

## Simultaneous Transmission:

The EUT does not have simultaneous transmission capability.

## Testing Objective:

To demonstrate compliance of the cellular, Wi-Fi, and Bluetooth radios with the SAR requirements of FCC 2.1093:2021

# CONFIGURATIONS



## Configuration PHYS1087- 10

| Software/Firmware Running During Test |         |
|---------------------------------------|---------|
| Description                           | Version |
| LP35 Software                         | 1.2.9   |

| EUT           |              |                   |               |
|---------------|--------------|-------------------|---------------|
| Description   | Manufacturer | Model/Part Number | Serial Number |
| Defibrillator | Stryker      | EV35-5-000004     | 49408161      |

| Peripherals in Test Setup Boundary     |              |                   |               |
|----------------------------------------|--------------|-------------------|---------------|
| Description                            | Manufacturer | Model/Part Number | Serial Number |
| External cellular modem (US Conducted) | Multitech    | MTCP-L4N1-B03     | 20256581      |
| LIFEPAK FLEX Lithium-Ion Battery       | Stryker      | 3338653-004       | N/A           |
| Left Storage Bag (P-Mod)               | Stryker      | 3339521-000       | N/A           |
| Rear Storage Bag (Kickstand)           | Stryker      | 3339522-000       | N/A           |
| Right Storage Bag (ECG)                | Stryker      | 3339523-000       | N/A           |

| Remote Equipment Outside of Test Setup Boundary |              |                   |                        |
|-------------------------------------------------|--------------|-------------------|------------------------|
| Description                                     | Manufacturer | Model/Part Number | Serial Number          |
| Laptop                                          | Lenovo       | T510              | 431436U                |
| AC Adapter (Laptop)                             | Lenovo       | 42T4418           | 11S42T4418Z1ZGWG19659N |

| Cables                  |        |            |         |                     |                         |
|-------------------------|--------|------------|---------|---------------------|-------------------------|
| Cable Type              | Shield | Length (m) | Ferrite | Connection 1        | Connection 2            |
| AC Power Cable (Laptop) | No     | 1.2m       | No      | AC Mains            | AC Adapter (Laptop)     |
| DC Power Cable (Laptop) | No     | 1.8m       | Yes     | AC Adapter (Laptop) | Defibrillator           |
| AC Power Cable          | No     | 3.3m       | No      | AC Mains            | AC Adapter              |
| DC Power Cable          | No     | 0.6m       | Yes     | AC Adapter          | Defibrillator           |
| Laptop Cable            | Yes    | 2.4m       | Yes     | Defibrillator       | Laptop                  |
| Modem Cable             | No     | 0.2m       | No      | Defibrillator       | External cellular modem |

# MODIFICATIONS

## Equipment Modifications

| Item | Date       | Test           | Modification                                                      | Note                                                                | Disposition of EUT                          |
|------|------------|----------------|-------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------|
| 1    | 2021-08-09 | Output Power   | Before start of test, radios disconnected from internal antennas. | No EMI suppression devices were added or modified during this test. | EUT remained at Element following the test. |
| 2    | 2021-9-14  | SAR Evaluation | Before start of test, radios re-attached to internal antennas.    | No EMI suppression devices were added or modified during this test. | EUT remained at Element following the test. |
| 3    | 2021-11-3  | SAR Evaluation | Tested as delivered to Test Station.                              | No EMI suppression devices were added or modified during this test. | Scheduled testing was completed.            |

# TISSUE – EQUIVALENT LIQUID DESCRIPTION

## Characterization of tissue-equivalent liquid dielectric properties

When below 5 GHz, the measured values must be within  $\pm 10\%$  of the target values provided SAR error compensation algorithms documented in IEEE Std 1528-2013 section E.3.2.2 are implemented for upward correction purposes only. When between 5 and 6 GHz, measured values must be within  $\pm 5\%$  of the target values. The temperature variation in the liquid during SAR measurements must be within  $\pm 2^\circ\text{C}$  of that recorded when the dielectric properties were measured.

The dielectric parameters of the tissue-equivalent liquids were measured using the SPEAG DAKS:200 dielectric assessment kit. The dielectric measurements were made across the frequency range of the liquid. The attached data sheets show that the dielectric parameters of the liquid were within the required tolerances. When SAR measurements are performed between frequencies where the dielectric parameters are measured, then linear interpolation is used to find the dielectric parameters.

## Target values of dielectric parameters

Per KDB 865664 D01 v01r04, Appendix A:

The head tissue dielectric parameters recommended by IEEE Std 1528-2013 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head and body tissue parameters that have not been specified in IEEE Std 1528 are derived from tissue dielectric parameters computed from the 4-Cole-Cole equations described above and extrapolated according to the head parameters specified in IEEE Std 1528.

Linear interpolation is used for determining target dielectric parameters for values between those listed. Linear extrapolation is used for determining target dielectric parameters for values above 5800 MHz.

| Target Frequency (MHz) | Head         |                | Body         |                |
|------------------------|--------------|----------------|--------------|----------------|
|                        | $\epsilon_r$ | $\sigma$ (S/m) | $\epsilon_r$ | $\sigma$ (S/m) |
| 150                    | 52.3         | 0.76           | 61.9         | 0.80           |
| 300                    | 45.3         | 0.87           | 58.2         | 0.92           |
| 450                    | 43.5         | 0.87           | 56.7         | 0.94           |
| 835                    | 41.5         | 0.90           | 55.2         | 0.97           |
| 900                    | 41.5         | 0.97           | 55.0         | 1.05           |
| 915                    | 41.5         | 0.98           | 55.0         | 1.06           |
| 1450                   | 40.5         | 1.20           | 54.0         | 1.30           |
| 1610                   | 40.3         | 1.29           | 53.8         | 1.40           |
| 1800-2000              | 40.0         | 1.40           | 53.3         | 1.52           |
| 2450                   | 39.2         | 1.80           | 52.7         | 1.95           |
| 3000                   | 38.5         | 2.40           | 52.0         | 2.73           |
| 5800                   | 35.3         | 5.27           | 48.2         | 6.00           |

( $\epsilon_r$  = relative permittivity,  $\sigma$  = conductivity, and  $\rho = 1000 \text{ kg/m}^3$ )

# TISSUE – EQUIVALENT LIQUID DESCRIPTION



## Composition of Ingredients for Liquid Tissue Phantoms

Element uses broadband tissue equivalent liquids prepared by SPEAG and confirmed by Element to be within  $\pm 10\%$  of target values below 5 GHz and  $\pm 5\%$  of target values between 5 and 6 GHz. SAR error compensation algorithms documented in IEEE Std 1528-2013 are implemented for upward correction purposes only. The broadband liquid is designed to be within the described tolerance between 20 °C and 24 °C, in order for testing to occur these temperature conditions must be met.

By percent weight, the approximate compositions of the broadband tissue are listed below. The composition of ingredients may be modified accordingly to achieve the desired target tissue parameters required for routine SAR evaluation:

| Material                   | Percent Weight |
|----------------------------|----------------|
| Ethanediol                 | <5.2%          |
| Sodium Petroleum Sulfonate | <2.9%          |
| Hexylene Glycol            | <2.9%          |
| Alkoxylated Alcohol        | <2.0%          |
| Mineral Oils               | <20%           |
| Deionized Water            | Fill to volume |

The exact liquid recipes are proprietary to the tissue equivalent liquid manufacturer.

## SAR Correction Formula for Deviation from Target Dielectric Values

When measuring below 5 GHz, a correction formula is automatically applied by the measurement software to SAR data to account for the deviation from the target dielectric values. The correction formula only scales measured values upward. The SAR system manufacturer has been contacted and has verified Element's implementation and understanding of the SAR correction formula. The correction is calculated following IEEE Std 1528-2013 Annex E.3. Where SAR correction is considered, there will be a note next to TSL correction saying "Positive only."

$$\Delta SAR = c_{\epsilon} \Delta \epsilon_r + c_{\sigma} \Delta \sigma$$

Where the values for,  $\Delta \epsilon_r$  and  $\Delta \sigma$  and are the percent the permittivity and conductivity respectively are away from ideal values and where  $\Delta SAR$  is the percent the measured SAR value is corrected.

When 1 g peak spatial-average SAR measurements are taken:

$$c_{\epsilon} = -7.854 \times 10^{-4} f^3 + 9.402 \times 10^{-3} f^2 - 2.742 \times 10^{-2} f - 0.2026$$

$$c_{\sigma} = 9.804 \times 10^{-3} f^3 - 8.661 \times 10^{-2} f^2 + 2.981 \times 10^{-2} f + 0.7829$$

Where  $f$  is the frequency in GHz.

When 10 g peak spatial-average SAR measurements are taken:

$$c_{\epsilon} = 3.456 \times 10^{-3} f^3 - 3.531 \times 10^{-2} f^2 + 7.675 \times 10^{-2} f - 0.1860$$

$$c_{\sigma} = 4.479 \times 10^{-3} f^3 - 1.586 \times 10^{-2} f^2 - 0.1972 f + 0.7717$$

Where  $f$  is the frequency in GHz.



# TISSUE – EQUIVALENT LIQUID

|            |                                         |                   |          |
|------------|-----------------------------------------|-------------------|----------|
| EUT:       | LP35 Monitor/Defibrillator (With Modem) | Work Order:       | PHYS1087 |
| Customer:  | Stryker                                 | Job Site:         | MN11     |
| Attendees: | None                                    | Customer Project: | None     |

## TEST SPECIFICATIONS

| Specification   | Test Method                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------|
| FCC 2.1093:2021 | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06 |

## HBBL600-10000V6

| Date      | Tissue Temp (°C) | Ambient Temp (°C) | Freq. (MHz) | Measured Values       |             | Target Values         |             | Deviation              |                 |
|-----------|------------------|-------------------|-------------|-----------------------|-------------|-----------------------|-------------|------------------------|-----------------|
|           |                  |                   |             | Relative Permittivity | Cond. (S/m) | Relative Permittivity | Cond. (S/m) | Permittivity Deviation | Cond. Deviation |
| 9/9/2021  | 23.0             | 21.5              | 5200        | 36.5                  | 4.57        | 36.0                  | 4.66        | 1.4%                   | -1.9%           |
|           |                  |                   | 5500        | 36.1                  | 4.94        | 35.6                  | 4.96        | 1.3%                   | -0.4%           |
|           |                  |                   | 5800        | 35.4                  | 5.26        | 35.3                  | 5.27        | 0.4%                   | -0.2%           |
| 9/10/2021 | 20.0             | 22.0              | 5250        | 36.0                  | 4.75        | 35.9                  | 4.71        | 0.3%                   | 0.9%            |
|           |                  |                   | 5300        | 35.9                  | 4.82        | 35.9                  | 4.76        | 0.1%                   | 1.4%            |
|           |                  |                   | 5350        | 35.8                  | 4.89        | 35.8                  | 4.81        | 0.1%                   | 1.7%            |
| 9/13/2021 | 20.0             | 21.3              | 5250        | 37.1                  | 4.86        | 35.9                  | 4.71        | 3.4%                   | 3.2%            |
|           |                  |                   | 5300        | 37.0                  | 4.94        | 35.9                  | 4.76        | 3.1%                   | 3.7%            |
|           |                  |                   | 5350        | 36.9                  | 5.00        | 35.8                  | 4.81        | 3.2%                   | 4.0%            |
|           |                  |                   | 5500        | 36.7                  | 5.17        | 35.6                  | 4.96        | 3.1%                   | 4.1%            |
|           |                  |                   | 5550        | 36.6                  | 5.22        | 35.6                  | 5.01        | 2.9%                   | 4.1%            |
|           |                  |                   | 5600        | 36.5                  | 5.27        | 35.5                  | 5.07        | 2.9%                   | 4.0%            |
|           |                  |                   | 5650        | 36.4                  | 5.33        | 35.5                  | 5.12        | 2.6%                   | 4.1%            |
|           |                  |                   | 5700        | 36.3                  | 5.39        | 35.4                  | 5.17        | 2.6%                   | 4.2%            |
| 9/14/2021 | 21.8             | 21.9              | 2400        | 41.1                  | 1.81        | 39.3                  | 1.76        | 4.5%                   | 2.7%            |
|           |                  |                   | 2450        | 41.0                  | 1.85        | 39.2                  | 1.80        | 4.6%                   | 2.7%            |
|           |                  |                   | 2500        | 40.9                  | 1.89        | 39.1                  | 1.85        | 4.6%                   | 2.1%            |
|           |                  |                   | 5150        | 36.3                  | 4.54        | 36.0                  | 4.60        | 0.9%                   | -1.2%           |
|           |                  |                   | 5200        | 36.2                  | 4.61        | 36.0                  | 4.66        | 0.6%                   | -1.1%           |
|           |                  |                   | 5250        | 36.2                  | 4.68        | 35.9                  | 4.71        | 0.7%                   | -0.6%           |
|           |                  |                   | 5500        | 35.8                  | 4.98        | 35.6                  | 4.96        | 0.5%                   | 0.4%            |
|           |                  |                   | 5550        | 35.7                  | 5.03        | 35.6                  | 5.01        | 0.2%                   | 0.3%            |
|           |                  |                   | 5600        | 35.6                  | 5.08        | 35.5                  | 5.07        | 0.2%                   | 0.2%            |
|           |                  |                   | 5650        | 35.5                  | 5.14        | 35.5                  | 5.12        | -0.1%                  | 0.3%            |
|           |                  |                   | 5700        | 35.4                  | 5.19        | 35.4                  | 5.17        | -0.1%                  | 0.5%            |
|           |                  |                   | 5750        | 35.3                  | 5.24        | 35.4                  | 5.22        | -0.4%                  | 0.4%            |
|           |                  |                   | 5800        | 35.1                  | 5.29        | 35.3                  | 5.27        | -0.5%                  | 0.4%            |
| 9/15/2021 | 21.0             | 21.7              | 5850        | 35.0                  | 5.33        | 35.3                  | 5.32        | -0.8%                  | 0.3%            |
|           |                  |                   | 2400        | 40.9                  | 1.81        | 39.3                  | 1.76        | 4.1%                   | 3.0%            |
|           |                  |                   | 2450        | 40.8                  | 1.85        | 39.2                  | 1.80        | 4.1%                   | 2.9%            |
| 9/16/2021 | 21.6             | 21.3              | 2500        | 40.7                  | 1.89        | 39.1                  | 1.85        | 4.2%                   | 2.3%            |
|           |                  |                   | 2400        | 40.6                  | 1.81        | 39.3                  | 1.76        | 3.4%                   | 2.8%            |
|           |                  |                   | 2450        | 40.6                  | 1.85        | 39.2                  | 1.80        | 3.5%                   | 2.7%            |
| 9/17/2021 | 22.2             | 21.8              | 2500        | 40.5                  | 1.89        | 39.1                  | 1.85        | 3.5%                   | 2.1%            |
|           |                  |                   | 2400        | 40.3                  | 1.80        | 39.3                  | 1.76        | 2.6%                   | 2.4%            |
|           |                  |                   | 2450        | 40.3                  | 1.84        | 39.2                  | 1.80        | 2.7%                   | 2.2%            |
| 9/20/2021 | 22.0             | 21.9              | 2500        | 40.2                  | 1.88        | 39.1                  | 1.85        | 2.8%                   | 1.6%            |
|           |                  |                   | 1900        | 41.3                  | 1.46        | 40.0                  | 1.40        | 3.1%                   | 4.3%            |
|           |                  |                   | 2400        | 40.5                  | 1.82        | 39.3                  | 1.76        | 3.2%                   | 3.3%            |
|           |                  |                   | 2450        | 40.5                  | 1.86        | 39.2                  | 1.80        | 3.2%                   | 3.2%            |
| 9/21/2021 | 21.4             | 20.8              | 2500        | 40.4                  | 1.90        | 39.1                  | 1.85        | 3.3%                   | 2.7%            |
|           |                  |                   | 1850        | 40.2                  | 1.41        | 40.0                  | 1.40        | 0.4%                   | 0.6%            |
|           |                  |                   | 1900        | 40.1                  | 1.44        | 40.0                  | 1.40        | 0.3%                   | 2.9%            |
|           |                  |                   | 1950        | 40.1                  | 1.48        | 40.0                  | 1.40        | 0.1%                   | 5.4%            |
| 9/22/2021 | 21.7             | 21.2              | 2000        | 40.0                  | 1.51        | 40.0                  | 1.40        | 0.0%                   | 8.0%            |
|           |                  |                   | 1850        | 40.4                  | 1.42        | 40.0                  | 1.40        | 0.9%                   | 1.5%            |
|           |                  |                   | 1900        | 40.3                  | 1.45        | 40.0                  | 1.40        | 0.8%                   | 3.7%            |
|           |                  |                   | 1950        | 40.2                  | 1.48        | 40.0                  | 1.40        | 0.6%                   | 6.0%            |
|           |                  |                   | 2000        | 40.2                  | 1.52        | 40.0                  | 1.40        | 0.4%                   | 8.3%            |

# TISSUE – EQUIVALENT LIQUID

|            |      |      |      |      |      |      |      |       |       |
|------------|------|------|------|------|------|------|------|-------|-------|
| 9/23/2021  | 20.5 | 20.4 | 1850 | 40.2 | 1.41 | 40.0 | 1.40 | 0.5%  | 0.8%  |
|            |      |      | 1900 | 40.1 | 1.44 | 40.0 | 1.40 | 0.3%  | 3.1%  |
|            |      |      | 1950 | 40.1 | 1.48 | 40.0 | 1.40 | 0.1%  | 5.5%  |
|            |      |      | 2000 | 40.0 | 1.51 | 40.0 | 1.40 | -0.1% | 7.9%  |
| 9/24/2021  | 20.0 | 20.7 | 1750 | 39.7 | 1.34 | 40.1 | 1.37 | -1.1% | -2.4% |
|            |      |      | 1850 | 39.5 | 1.40 | 40.0 | 1.40 | -1.2% | -0.1% |
|            |      |      | 1900 | 39.5 | 1.43 | 40.0 | 1.40 | -1.4% | 2.2%  |
|            |      |      | 1950 | 39.4 | 1.46 | 40.0 | 1.40 | -1.5% | 4.5%  |
|            |      |      | 2000 | 39.3 | 1.50 | 40.0 | 1.40 | -1.7% | 6.9%  |
| 10/1/2021  | 22.4 | 22.5 | 1750 | 40.5 | 1.37 | 40.1 | 1.37 | 1.0%  | -0.2% |
|            |      |      | 1800 | 40.4 | 1.40 | 40.0 | 1.40 | 1.1%  | -0.2% |
|            |      |      | 1850 | 40.4 | 1.43 | 40.0 | 1.40 | 0.9%  | 1.9%  |
|            |      |      | 1900 | 40.3 | 1.46 | 40.0 | 1.40 | 0.8%  | 4.1%  |
|            |      |      | 1950 | 40.2 | 1.49 | 40.0 | 1.40 | 0.6%  | 6.3%  |
| 10/2/2021  | 21.0 | 21.5 | 2000 | 40.2 | 1.52 | 40.0 | 1.40 | 0.5%  | 8.6%  |
|            |      |      | 1700 | 40.1 | 1.35 | 40.2 | 1.34 | -0.3% | 0.4%  |
|            |      |      | 1750 | 40.0 | 1.38 | 40.1 | 1.37 | -0.2% | 0.5%  |
|            |      |      | 1800 | 39.9 | 1.41 | 40.0 | 1.40 | -0.2% | 0.5%  |
|            |      |      | 1850 | 39.9 | 1.44 | 40.0 | 1.40 | -0.3% | 2.7%  |
| 10/3/2021  | 20.9 | 21.3 | 1900 | 39.8 | 1.47 | 40.0 | 1.40 | -0.4% | 5.1%  |
|            |      |      | 1950 | 39.8 | 1.51 | 40.0 | 1.40 | -0.5% | 7.7%  |
|            |      |      | 2000 | 40.2 | 1.52 | 40.0 | 1.40 | 0.5%  | 8.6%  |
|            |      |      | 650  | 42.6 | 0.86 | 42.5 | 0.89 | 0.3%  | -3.0% |
|            |      |      | 700  | 42.5 | 0.88 | 42.2 | 0.89 | 0.6%  | -1.1% |
| 10/4/2021  | 20.9 | 21.5 | 750  | 42.3 | 0.90 | 41.9 | 0.89 | 0.9%  | 0.8%  |
|            |      |      | 800  | 42.1 | 0.92 | 41.7 | 0.90 | 1.0%  | 1.7%  |
|            |      |      | 1900 | 39.9 | 1.47 | 40.0 | 1.40 | -0.2% | 5.2%  |
|            |      |      | 1950 | 39.9 | 1.51 | 40.0 | 1.40 | -0.3% | 7.6%  |
|            |      |      | 2000 | 39.8 | 1.54 | 40.0 | 1.40 | -0.5% | 10.0% |
| 10/5/2021  | 20.5 | 20.6 | 650  | 42.6 | 0.87 | 42.2 | 0.89 | 0.9%  | -2.2% |
|            |      |      | 700  | 42.2 | 0.91 | 41.7 | 0.90 | 1.3%  | 0.6%  |
|            |      |      | 850  | 42.1 | 0.92 | 41.5 | 0.92 | 1.4%  | 0.5%  |
|            |      |      | 700  | 42.1 | 0.88 | 42.2 | 0.89 | -0.3% | -1.6% |
|            |      |      | 750  | 41.9 | 0.89 | 41.9 | 0.89 | 0.0%  | 0.3%  |
| 10/6/2021  | 20.9 | 20.9 | 800  | 41.7 | 0.91 | 41.7 | 0.90 | 0.1%  | 1.2%  |
|            |      |      | 650  | 42.2 | 0.86 | 42.5 | 0.89 | -0.7% | -2.9% |
|            |      |      | 700  | 42.0 | 0.88 | 42.2 | 0.89 | -0.5% | -1.1% |
|            |      |      | 750  | 41.8 | 0.90 | 41.9 | 0.89 | -0.2% | 0.8%  |
| 10/7/2021  | 21.2 | 21.6 | 800  | 41.7 | 0.92 | 41.7 | 0.90 | -0.1% | 1.7%  |
|            |      |      | 650  | 42.2 | 0.86 | 42.5 | 0.89 | -0.7% | -2.9% |
|            |      |      | 700  | 42.0 | 0.88 | 42.2 | 0.89 | -0.5% | -1.1% |
|            |      |      | 750  | 41.8 | 0.90 | 41.9 | 0.89 | -0.2% | 0.8%  |
| 10/8/2021  | 20.5 | 22.0 | 800  | 41.7 | 0.91 | 41.7 | 0.90 | 0.1%  | 1.2%  |
|            |      |      | 650  | 42.2 | 0.86 | 42.5 | 0.89 | -0.7% | -2.9% |
|            |      |      | 700  | 42.0 | 0.88 | 42.2 | 0.89 | -0.5% | -1.1% |
|            |      |      | 750  | 41.8 | 0.90 | 41.9 | 0.89 | -0.2% | 0.8%  |
|            |      |      | 800  | 41.7 | 0.92 | 41.7 | 0.90 | -0.1% | 1.7%  |
| 10/11/2021 | 22.0 | 21.7 | 650  | 42.2 | 0.86 | 42.5 | 0.89 | -0.7% | -2.9% |
|            |      |      | 700  | 42.0 | 0.88 | 42.2 | 0.89 | -0.5% | -1.1% |
|            |      |      | 750  | 41.8 | 0.90 | 41.9 | 0.89 | -0.2% | 0.8%  |
|            |      |      | 800  | 41.7 | 0.92 | 41.7 | 0.90 | -0.1% | 1.7%  |
|            |      |      | 1700 | 39.8 | 1.34 | 40.2 | 1.34 | -1.0% | -0.2% |
| 10/12/2021 | 21.0 | 21.2 | 1750 | 39.7 | 1.37 | 40.1 | 1.37 | -0.9% | -0.2% |
|            |      |      | 1800 | 39.6 | 1.40 | 40.0 | 1.40 | -0.9% | -0.2% |
|            |      |      | 1700 | 40.3 | 1.33 | 40.2 | 1.34 | 0.1%  | -0.6% |
|            |      |      | 1750 | 40.2 | 1.36 | 40.1 | 1.37 | 0.2%  | -0.7% |
|            |      |      | 1800 | 40.1 | 1.39 | 40.0 | 1.40 | 0.3%  | -0.7% |
| 10/13/2021 | 21.1 | 21.1 | 1850 | 39.8 | 1.42 | 40.0 | 1.40 | -0.4% | 1.2%  |
|            |      |      | 1900 | 39.8 | 1.45 | 40.0 | 1.40 | -0.6% | 3.4%  |
|            |      |      | 1950 | 39.7 | 1.48 | 40.0 | 1.40 | -0.8% | 5.7%  |
|            |      |      | 850  | 41.7 | 0.92 | 41.5 | 0.92 | 0.4%  | -0.2% |
|            |      |      | 900  | 41.5 | 0.94 | 41.5 | 0.97 | 0.1%  | -3.4% |
|            |      |      | 950  | 41.4 | 0.96 | 41.4 | 0.99 | 0.0%  | -3.3% |
|            |      |      | 1700 | 39.9 | 1.33 | 40.2 | 1.34 | -0.7% | -1.1% |
|            |      |      | 1750 | 39.8 | 1.35 | 40.1 | 1.37 | -0.7% | -1.1% |
|            |      |      | 1800 | 39.7 | 1.38 | 40.0 | 1.40 | -0.6% | -1.1% |

# TISSUE – EQUIVALENT LIQUID

|            |      |      |      |      |      |      |      |       |       |
|------------|------|------|------|------|------|------|------|-------|-------|
| 10/14/2021 | 20.5 | 21.0 | 850  | 42.9 | 0.91 | 41.5 | 0.92 | 3.3%  | -1.1% |
|            |      |      | 900  | 42.7 | 0.93 | 41.5 | 0.97 | 3.0%  | -4.1% |
|            |      |      | 950  | 42.6 | 0.95 | 41.4 | 0.99 | 2.9%  | -4.0% |
|            |      |      | 1900 | 40.8 | 1.45 | 40.0 | 1.40 | 1.9%  | 3.7%  |
|            |      |      | 1950 | 40.7 | 1.49 | 40.0 | 1.40 | 1.7%  | 6.1%  |
|            |      |      | 2000 | 40.6 | 1.52 | 40.0 | 1.40 | 1.5%  | 8.5%  |
| 10/15/2021 | 20.3 | 20.3 | 800  | 43.4 | 0.88 | 41.7 | 0.90 | 4.0%  | -1.8% |
|            |      |      | 850  | 43.2 | 0.90 | 41.5 | 0.92 | 4.2%  | -1.9% |
|            |      |      | 1900 | 41.1 | 1.45 | 40.0 | 1.40 | 2.9%  | 3.4%  |
|            |      |      | 1950 | 41.1 | 1.48 | 40.0 | 1.40 | 2.7%  | 5.8%  |
|            |      |      | 2000 | 41.0 | 1.52 | 40.0 | 1.40 | 2.5%  | 8.2%  |
| 10/20/2021 | 20.8 | 21.3 | 2400 | 40.3 | 1.81 | 39.3 | 1.76 | 2.6%  | 2.7%  |
|            |      |      | 2450 | 40.2 | 1.85 | 39.2 | 1.80 | 2.6%  | 2.7%  |
|            |      |      | 2500 | 40.1 | 1.89 | 39.1 | 1.85 | 2.7%  | 2.2%  |
|            |      |      | 5150 | 35.1 | 4.48 | 36.0 | 4.60 | -2.5% | -2.6% |
| 11/3/2021  | 20.0 | 21.4 | 5200 | 35.0 | 4.55 | 36.0 | 4.66 | -2.7% | -2.4% |
|            |      |      | 5250 | 35.0 | 4.62 | 35.9 | 4.71 | -2.6% | -1.9% |

# SAR SYSTEM VERIFICATION DESCRIPTION

## REQUIREMENT

Per IEEE 1528, Section 8.2.1, "System checks are performed prior to compliance tests and the results must always be within  $\pm 10\%$  of the target value corresponding to the test frequency, liquid, and the source used. The target values are 1 g or 10 g averaged SAR values measured on systems having current system validation and calibration status, and using the system check setup as shown in Figure 14. These target values should be determined using a standard source."

## TEST DESCRIPTION

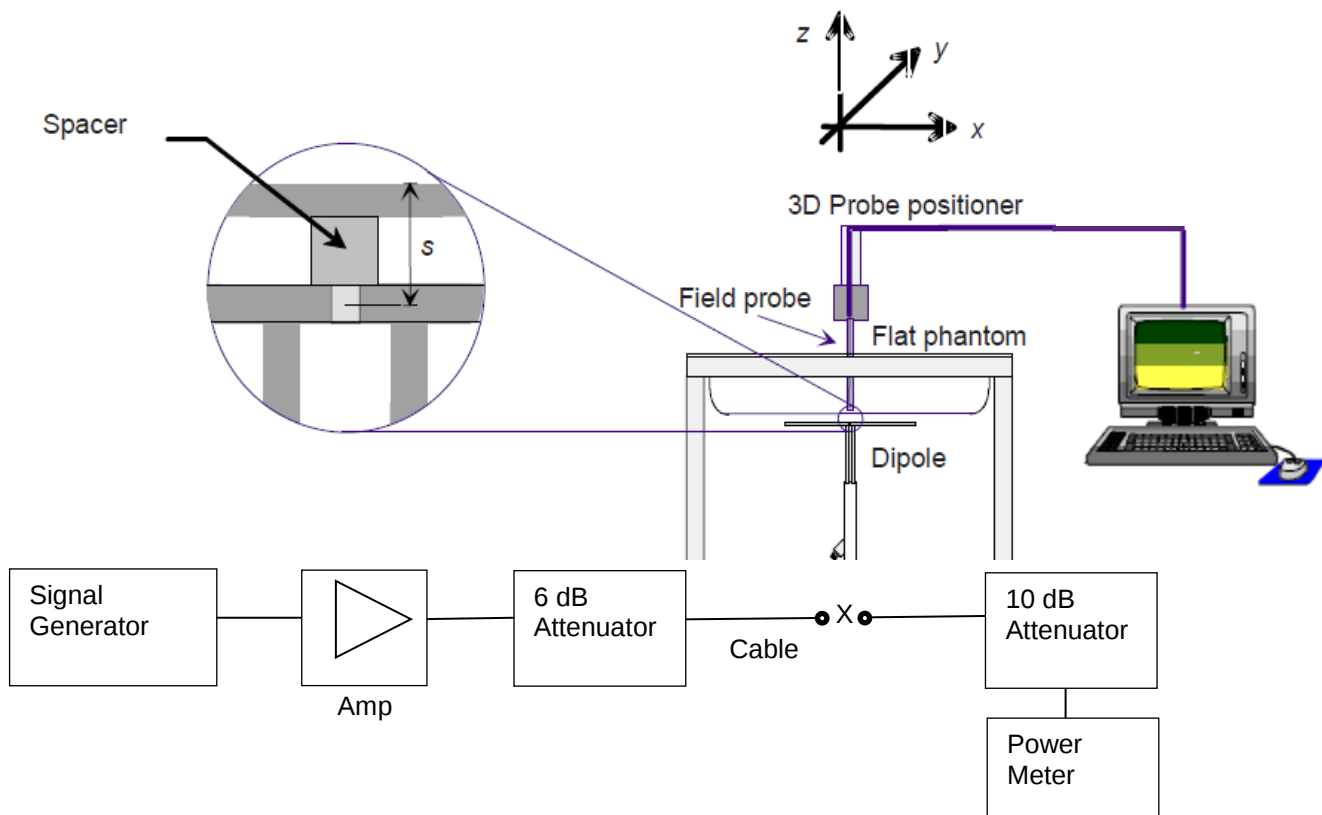
Within 24 hours of a measurement, then every 72 hours thereafter, Element used the system validation kit (calibrated reference dipole) to test whether the system was operating within its specifications. The validation was performed in the indicated bands by making SAR measurements of the reference dipole with the phantom filled with the tissue-equivalent liquid. First, a signal generator and power amplifier were used to produce a 100mW level as measured with a power meter at the antenna terminals of the dipole (X). Then, the reference dipole was positioned below the bottom of the phantom and centered with its axis parallel to the longest side of the phantom. A low loss and low relative permittivity spacer was used to establish the correct distance between the center axis of the reference dipole and the liquid.

For the reference dipoles, the spacing distance  $s$  is given by:

$s = 15\text{mm}$ ,  $\pm 0.2\text{mm}$  for  $300\text{MHz} \leq f \leq 1000\text{ MHz}$ :

$s = 10\text{mm}$ ,  $\pm 0.2\text{mm}$  for  $1000\text{MHz} \leq f \leq 6000\text{MHz}$

The measured 1 g and 10 g spatial average SAR values were normalized to a 1W dipole input power for comparison to the calibration data. The results are summarized in the attached table. The deviation is less than 10% in all cases, indicating that the system performance check was within tolerance.



# SAR SYSTEM VERIFICATION



## TEST SPECIFICATIONS

| Specification   | Test Method                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------|
| FCC 2.1093:2021 | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06 |

## HBBL600-10000V6

| Date       | Tissue Temp (°C) | Ambient Temp (°C) | Freq. (MHz) | Conducted Power into Dipole (dBm) | 1W Adj. Factor (dB) | Measured Values |      | Normalized Values |      | Target Values |      | Deviation |       |
|------------|------------------|-------------------|-------------|-----------------------------------|---------------------|-----------------|------|-------------------|------|---------------|------|-----------|-------|
|            |                  |                   |             |                                   |                     | 1g              | 10g  | 1g                | 10g  | 1g            | 10g  | 1g        | 10g   |
| 9/9/2021   | 23.0             | 21.5              | 5200        | 20.0                              | 10.0                | 7.36            | 2.15 | 73.6              | 21.5 | 80.4          | 22.7 | -8.5%     | -5.3% |
| 9/9/2021   | 23.0             | 21.5              | 5500        | 20.0                              | 10.0                | 8.34            | 2.41 | 83.4              | 24.1 | 86.4          | 24.3 | -3.5%     | -0.8% |
| 9/9/2021   | 23.0             | 21.5              | 5800        | 20.0                              | 10.0                | 7.95            | 2.28 | 79.5              | 22.8 | 81            | 22.7 | -1.9%     | 0.4%  |
| 9/13/2021  | 20.0             | 21.3              | 5200        | 20.0                              | 10.0                | 8.31            | 2.39 | 83.1              | 23.9 | 80.4          | 22.7 | 3.4%      | 5.3%  |
| 9/13/2021  | 20.0             | 21.3              | 5500        | 20.0                              | 10.0                | 8.15            | 2.32 | 81.5              | 23.2 | 86.4          | 24.3 | -5.7%     | -4.5% |
| 9/13/2021  | 20.0             | 21.3              | 5800        | 20.0                              | 10.0                | 7.76            | 2.21 | 77.6              | 22.1 | 81            | 22.7 | -4.2%     | -2.6% |
| 9/14/2021  | 21.8             | 21.9              | 2450        | 20.0                              | 10.0                | 5.27            | 2.45 | 52.7              | 24.5 | 52.3          | 24.5 | 0.8%      | 0.0%  |
| 9/17/2021  | 22.2             | 21.8              | 2450        | 20.0                              | 10.0                | 5.30            | 2.46 | 53.0              | 24.6 | 52.3          | 24.5 | 1.3%      | 0.4%  |
| 9/20/2021  | 22.0             | 21.9              | 1900        | 20.0                              | 10.0                | 4.20            | 2.18 | 42.0              | 21.8 | 41.4          | 21.2 | 1.4%      | 2.8%  |
| 9/20/2021  | 22.0             | 21.9              | 2450        | 20.0                              | 10.0                | 5.46            | 2.53 | 54.6              | 25.3 | 52.3          | 24.5 | 4.4%      | 3.3%  |
| 9/23/2021  | 20.5             | 20.4              | 1900        | 20.0                              | 10.0                | 4.32            | 2.24 | 43.2              | 22.4 | 41.4          | 21.2 | 4.3%      | 5.7%  |
| 9/24/2021  | 20.0             | 20.7              | 1750        | 20.0                              | 10.0                | 3.61            | 1.90 | 36.1              | 19.0 | 37.1          | 19.5 | -2.7%     | -2.6% |
| 9/24/2021  | 20.0             | 20.7              | 1900        | 20.0                              | 10.0                | 4.14            | 2.14 | 41.4              | 21.4 | 41.4          | 21.2 | 0.0%      | 0.9%  |
| 10/1/2021  | 22.4             | 22.5              | 900         | 20.0                              | 10.0                | 1.11            | 0.71 | 11.1              | 7.1  | 11.3          | 7.2  | -1.8%     | -1.0% |
| 10/1/2021  | 22.4             | 22.5              | 1900        | 20.0                              | 10.0                | 4.18            | 2.17 | 41.8              | 21.7 | 41.4          | 21.2 | 1.0%      | 2.4%  |
| 10/2/2021  | 21.0             | 21.5              | 1750        | 20.0                              | 10.0                | 3.83            | 2.04 | 38.3              | 20.4 | 37.1          | 19.5 | 3.2%      | 4.6%  |
| 10/3/2021  | 20.9             | 21.3              | 750         | 20.0                              | 10.0                | 0.91            | 0.60 | 9.1               | 6.0  | 8.47          | 5.57 | 7.3%      | 7.5%  |
| 10/4/2021  | 20.9             | 21.5              | 835         | 20.0                              | 10.0                | 0.96            | 0.62 | 9.6               | 6.2  | 9.7           | 6.33 | -1.2%     | -1.6% |
| 10/6/2021  | 20.9             | 20.9              | 750         | 20.0                              | 10.0                | 0.88            | 0.58 | 8.8               | 5.8  | 8.47          | 5.57 | 3.9%      | 4.1%  |
| 10/8/2021  | 20.5             | 22.0              | 750         | 20.0                              | 10.0                | 0.88            | 0.57 | 8.8               | 5.7  | 8.47          | 5.57 | 3.9%      | 2.3%  |
| 10/8/2021  | 20.5             | 22.0              | 1750        | 20.0                              | 10.0                | 3.56            | 1.88 | 35.6              | 18.8 | 37.1          | 19.5 | -4.0%     | -3.6% |
| 10/11/2021 | 22.0             | 21.7              | 1750        | 20.0                              | 10.0                | 3.46            | 1.83 | 34.6              | 18.3 | 37.1          | 19.5 | -6.7%     | -6.2% |
| 10/12/2021 | 21.0             | 21.2              | 1750        | 20.0                              | 10.0                | 3.65            | 1.92 | 36.5              | 19.2 | 37.1          | 19.5 | -1.6%     | -1.5% |
| 10/12/2021 | 21.0             | 21.2              | 1900        | 20.0                              | 10.0                | 4.32            | 2.22 | 43.2              | 22.2 | 41.4          | 21.2 | 4.3%      | 4.7%  |
| 10/13/2021 | 21.1             | 21.1              | 900         | 20.0                              | 10.0                | 1.04            | 0.67 | 10.4              | 6.7  | 11.3          | 7.2  | -8.0%     | -7.4% |
| 10/14/2021 | 20.5             | 21.0              | 1900        | 20.0                              | 10.0                | 4.25            | 2.21 | 42.5              | 22.1 | 41.4          | 21.2 | 2.7%      | 4.2%  |
| 10/15/2021 | 20.3             | 20.3              | 835         | 20.0                              | 10.0                | 0.97            | 0.63 | 9.66              | 6.33 | 9.70          | 6.33 | -0.4%     | 0.0%  |
| 10/20/2021 | 20.8             | 21.3              | 2450        | 20.0                              | 10.0                | 5.32            | 2.46 | 53.2              | 24.6 | 52.3          | 24.5 | 1.7%      | 0.4%  |
| 11/3/2021  | 20.0             | 21.4              | 5200        | 20.0                              | 10.0                | 8.12            | 2.34 | 81.2              | 23.4 | 80.4          | 22.7 | 1.0%      | 3.1%  |

# OUTPUT POWER LTE BAND 2



|                                                                       |    |                                                                                                                                 |                     |
|-----------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------|---------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                          |    | Work Order: PHYS1087                                                                                                            |                     |
| Serial Number: 49408161 (modem 20256581)                              |    | Date: 16-Aug-21                                                                                                                 |                     |
| Customer: Stryker                                                     |    | Temperature: 22.8 °C                                                                                                            |                     |
| Attendees: None                                                       |    | Humidity: 49.9% RH                                                                                                              |                     |
| Project: None                                                         |    | Barometric Pres.: 1019 mbar                                                                                                     |                     |
| Tested by: Marcelo Aguayo                                             |    | Power: 110VAC/60Hz                                                                                                              |                     |
| Job Site: MN11                                                        |    |                                                                                                                                 |                     |
| TEST SPECIFICATIONS                                                   |    |                                                                                                                                 |                     |
| FCC 2.1093.2021                                                       |    | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 941225 D05 v02r05 |                     |
| COMMENTS                                                              |    |                                                                                                                                 |                     |
| None                                                                  |    |                                                                                                                                 |                     |
| DEVIATIONS FROM TEST STANDARD                                         |    |                                                                                                                                 |                     |
| None                                                                  |    |                                                                                                                                 |                     |
| Configuration #                                                       | 10 | <div>Signature</div>                           |                     |
|                                                                       |    | Max Rated Pwr (dBm)                                                                                                             | Conducted Pwr (dBm) |
|                                                                       |    |                                                                                                                                 | Conducted Pwr (mW)  |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 1 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.6                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.6                |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 1 RB starting at RB 49   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.7                |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 1 RB starting at RB 99   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.6                |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 50 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.6                |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 50 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.6                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.6                |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 50 RB starting at RB 49  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.6                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.6                |
| 20 MHz Bandwidth, Channel 18700 at 1860 MHz, 100 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.6                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.6                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.3                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.3                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 49   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.4                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.4                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 99   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.4                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.4                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 50 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.4                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.4                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 50 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.3                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.3                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 50 RB starting at RB 49  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.3                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.3                |
| 20 MHz Bandwidth, Channel 18900 at 1880 MHz, 100 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.3                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.3                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 1 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.8                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 1 RB starting at RB 49   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.8                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.9                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 1 RB starting at RB 99   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.9                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 50 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.9                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 50 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 23.0                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 50 RB starting at RB 49  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 23.0                |
| 20 MHz Bandwidth, Channel 19100 at 1900 MHz, 100 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.9                |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 1 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.7                |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 1 RB starting at RB 37 |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.7                |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 1 RB starting at RB 74 |    |                                                                                                                                 |                     |
| QPSK                                                                  |    | 23.5                                                                                                                            | 22.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                            | 22.7                |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 36 RB starting at RB 0 |    |                                                                                                                                 |                     |

|                                                                        |        |      |      |       |
|------------------------------------------------------------------------|--------|------|------|-------|
|                                                                        | QPSK   | 23.5 | 22.7 | 187.9 |
|                                                                        | 16-QAM | 23.5 | 22.7 | 187.9 |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.7 | 187.9 |
|                                                                        | 16-QAM | 23.5 | 22.8 | 188.4 |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.8 | 188.4 |
|                                                                        | 16-QAM | 23.5 | 22.7 | 187.9 |
| 15 MHz Bandwidth, Channel 18675 at 1857.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.8 | 188.4 |
|                                                                        | 16-QAM | 23.5 | 22.8 | 188.4 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.5 | 177.8 |
|                                                                        | 16-QAM | 23.5 | 22.5 | 178.6 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 37    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.5 | 178.6 |
|                                                                        | 16-QAM | 23.5 | 22.3 | 171.4 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 74    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 171.8 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 171.8 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 36 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 173.0 |
|                                                                        | 16-QAM | 23.5 | 22.5 | 175.8 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 36 RB starting at RB 18   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 175.0 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 171.8 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 36 RB starting at RB 37   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.3 | 171.4 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 173.8 |
| 15 MHz Bandwidth, Channel 18900 at 1880 MHz, 75 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 173.8 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.9 | 196.8 |
|                                                                        | 16-QAM | 23.5 | 23.0 | 201.4 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 1 RB starting at RB 37  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.0 | 199.5 |
|                                                                        | 16-QAM | 23.5 | 23.0 | 199.1 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 1 RB starting at RB 74  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.0 | 198.2 |
|                                                                        | 16-QAM | 23.5 | 23.0 | 198.2 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 36 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.0 | 197.2 |
|                                                                        | 16-QAM | 23.5 | 23.2 | 208.9 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.2 | 209.4 |
|                                                                        | 16-QAM | 23.5 | 23.2 | 208.4 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.2 | 208.0 |
|                                                                        | 16-QAM | 23.5 | 23.2 | 207.0 |
| 15 MHz Bandwidth, Channel 19125 at 1902.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.1 | 204.2 |
|                                                                        | 16-QAM | 23.5 | 23.1 | 203.7 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.9 | 195.0 |
|                                                                        | 16-QAM | 23.5 | 22.9 | 196.3 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.9 | 196.3 |
|                                                                        | 16-QAM | 23.5 | 22.9 | 196.3 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.9 | 196.8 |
|                                                                        | 16-QAM | 23.5 | 23.0 | 197.2 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.0 | 197.2 |
|                                                                        | 16-QAM | 23.5 | 23.0 | 197.7 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 25 RB starting at RB 12   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.0 | 198.2 |
|                                                                        | 16-QAM | 23.5 | 23.0 | 197.7 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 25 RB starting at RB 24   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.0 | 198.2 |
|                                                                        | 16-QAM | 23.5 | 22.9 | 194.5 |
| 10 MHz Bandwidth, Channel 18650 at 1855 MHz, 50 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.9 | 194.5 |
|                                                                        | 16-QAM | 23.5 | 22.9 | 194.5 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.6 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 175.0 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.5 | 175.8 |
|                                                                        | 16-QAM | 23.5 | 22.5 | 176.6 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.5 | 177.4 |
|                                                                        | 16-QAM | 23.5 | 22.5 | 178.2 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 173.0 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 25 RB starting at RB 12   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 173.4 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 173.8 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 25 RB starting at RB 24   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.6 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 175.0 |
| 10 MHz Bandwidth, Channel 18900 at 1880 MHz, 50 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.5 | 175.8 |
|                                                                        | 16-QAM | 23.5 | 22.5 | 175.8 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.2 | 210.4 |
|                                                                        | 16-QAM | 23.5 | 23.2 | 207.0 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.1 | 204.2 |
|                                                                        | 16-QAM | 23.5 | 23.1 | 204.2 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.1 | 205.1 |
|                                                                        | 16-QAM | 23.5 | 23.1 | 202.8 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 23.1 | 205.1 |

|                                                                       |      |      |       |
|-----------------------------------------------------------------------|------|------|-------|
| 16-QAM                                                                | 23.5 | 23.1 | 202.8 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 25 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 201.4 |
| 16-QAM                                                                | 23.5 | 23.1 | 203.2 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 25 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 199.5 |
| 16-QAM                                                                | 23.5 | 23.0 | 201.4 |
| 10 MHz Bandwidth, Channel 19150 at 1905 MHz, 50 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 200.4 |
| 16-QAM                                                                | 23.5 | 23.1 | 201.8 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 198.6 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 198.2 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 198.6 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 198.6 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 199.1 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 199.1 |
| 16-QAM                                                                | 23.5 | 23.0 | 199.1 |
| 5 MHz Bandwidth, Channel 18625 at 1852.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 198.6 |
| 16-QAM                                                                | 23.5 | 23.0 | 199.1 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 0     |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 175.0 |
| 16-QAM                                                                | 23.5 | 22.4 | 175.4 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 12    |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 176.6 |
| 16-QAM                                                                | 23.5 | 22.5 | 176.6 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 24    |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 177.0 |
| 16-QAM                                                                | 23.5 | 22.5 | 177.4 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 12 RB starting at RB 0    |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 177.4 |
| 16-QAM                                                                | 23.5 | 22.5 | 175.8 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 12 RB starting at RB 6    |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 175.8 |
| 16-QAM                                                                | 23.5 | 22.4 | 173.8 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 12 RB starting at RB 11   |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 175.0 |
| 16-QAM                                                                | 23.5 | 22.4 | 175.4 |
| 5 MHz Bandwidth, Channel 18900 at 1880 MHz, 25 RB starting at RB 0    |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 175.4 |
| 16-QAM                                                                | 23.5 | 22.4 | 175.0 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 212.3 |
| 16-QAM                                                                | 23.5 | 23.2 | 208.4 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.2 | 206.5 |
| 16-QAM                                                                | 23.5 | 23.1 | 205.1 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 206.1 |
| 16-QAM                                                                | 23.5 | 23.1 | 204.2 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 204.6 |
| 16-QAM                                                                | 23.5 | 23.3 | 213.3 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 212.3 |
| 16-QAM                                                                | 23.5 | 23.2 | 210.4 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 23.2 | 210.4 |
| 16-QAM                                                                | 23.5 | 23.2 | 208.4 |
| 5 MHz Bandwidth, Channel 19175 at 1907.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.2 | 208.0 |
| 16-QAM                                                                | 23.5 | 23.2 | 208.0 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 196.8 |
| 16-QAM                                                                | 23.5 | 22.9 | 195.9 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 195.9 |
| 16-QAM                                                                | 23.5 | 22.9 | 196.8 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 196.8 |
| 16-QAM                                                                | 23.5 | 22.9 | 196.8 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 197.2 |
| 16-QAM                                                                | 23.5 | 23.0 | 197.2 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 197.7 |
| 16-QAM                                                                | 23.5 | 22.9 | 195.0 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 195.0 |
| 16-QAM                                                                | 23.5 | 22.9 | 195.9 |
| 3 MHz Bandwidth, Channel 18615 at 1851.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 196.3 |
| 16-QAM                                                                | 23.5 | 22.8 | 191.9 |
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 0     |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 173.4 |
| 16-QAM                                                                | 23.5 | 22.3 | 170.6 |
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 7     |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 173.0 |
| 16-QAM                                                                | 23.5 | 22.4 | 172.6 |
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 14    |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 172.6 |
| 16-QAM                                                                | 23.5 | 22.4 | 174.2 |
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 8 RB starting at RB 0     |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                | 23.5 | 22.4 | 173.8 |

|                                                                       |      |      |       |
|-----------------------------------------------------------------------|------|------|-------|
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 8 RB starting at RB 4     |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 173.8 |
| 16-QAM                                                                | 23.5 | 22.4 | 175.0 |
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 8 RB starting at RB 7     |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 175.0 |
| 16-QAM                                                                | 23.5 | 22.3 | 171.4 |
| 3 MHz Bandwidth, Channel 18900 at 1880 MHz, 15 RB starting at RB 0    |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                | 23.5 | 22.4 | 172.2 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.2 | 207.5 |
| 16-QAM                                                                | 23.5 | 23.1 | 206.1 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 205.1 |
| 16-QAM                                                                | 23.5 | 23.1 | 205.1 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 203.7 |
| 16-QAM                                                                | 23.5 | 23.1 | 203.2 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 206.1 |
| 16-QAM                                                                | 23.5 | 23.1 | 205.6 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 204.6 |
| 16-QAM                                                                | 23.5 | 23.2 | 208.9 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 23.2 | 208.9 |
| 16-QAM                                                                | 23.5 | 23.2 | 207.5 |
| 3 MHz Bandwidth, Channel 19185 at 1908.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.2 | 207.5 |
| 16-QAM                                                                | 23.5 | 23.2 | 206.5 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 22.7 | 187.9 |
| 16-QAM                                                                | 23.5 | 22.9 | 195.0 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 22.8 | 191.4 |
| 16-QAM                                                                | 23.5 | 22.8 | 191.0 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 195.0 |
| 16-QAM                                                                | 23.5 | 22.8 | 191.9 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 22.8 | 191.9 |
| 16-QAM                                                                | 23.5 | 22.8 | 191.9 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 195.4 |
| 16-QAM                                                                | 23.5 | 22.9 | 195.4 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 22.9 | 195.4 |
| 16-QAM                                                                | 23.5 | 22.9 | 195.4 |
| 1.4 MHz Bandwidth, Channel 18607 at 1850.7 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 22.8 | 192.3 |
| 16-QAM                                                                | 23.5 | 22.8 | 192.3 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.1 | 162.6 |
| 16-QAM                                                                | 23.5 | 22.3 | 170.6 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 2   |      |      |       |
| QPSK                                                                  | 23.5 | 22.2 | 167.5 |
| 16-QAM                                                                | 23.5 | 22.3 | 168.7 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 1 RB starting at RB 5   |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 172.6 |
| 16-QAM                                                                | 23.5 | 22.4 | 173.0 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 3 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.3 | 169.8 |
| 16-QAM                                                                | 23.5 | 22.2 | 167.5 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 3 RB starting at RB 1   |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                | 23.5 | 22.3 | 168.3 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 3 RB starting at RB 2   |      |      |       |
| QPSK                                                                  | 23.5 | 22.2 | 166.3 |
| 16-QAM                                                                | 23.5 | 22.2 | 167.1 |
| 1.4 MHz Bandwidth, Channel 18900 at 1880 MHz, 6 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.3 | 167.9 |
| 16-QAM                                                                | 23.5 | 22.3 | 168.3 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 200.4 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 23.1 | 201.8 |
| 16-QAM                                                                | 23.5 | 23.0 | 200.4 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 200.4 |
| 16-QAM                                                                | 23.5 | 23.0 | 200.0 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 199.5 |
| 16-QAM                                                                | 23.5 | 23.0 | 199.1 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 198.6 |
| 16-QAM                                                                | 23.5 | 23.0 | 198.6 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 200.4 |
| 16-QAM                                                                | 23.5 | 23.0 | 199.5 |
| 1.4 MHz Bandwidth, Channel 19193 at 1909.3 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 23.0 | 199.5 |
| 16-QAM                                                                | 23.5 | 23.0 | 199.1 |

# OUTPUT POWER LTE BAND 4



|                                                                        |                    |                                                                                             |
|------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                           |                    | Work Order: PHYS1087                                                                        |
| Serial Number: 49408161 (modem 20256581)                               |                    | Date: 17-Aug-21                                                                             |
| Customer: Stryker                                                      |                    | Temperature: 22.9 °C                                                                        |
| Attendees: None                                                        |                    | Humidity: 50.4% RH                                                                          |
| Project: None                                                          |                    | Barometric Pres.: 1015 mbar                                                                 |
| Tested by: Marcelo Aguayo                                              | Power: 110VAC/60Hz | Job Site: MN11                                                                              |
| TEST SPECIFICATIONS                                                    |                    |                                                                                             |
| FCC 2.1093:2021                                                        |                    | Test Method                                                                                 |
|                                                                        |                    | IEEE Std 1528:2013                                                                          |
|                                                                        |                    | FCC KDB 865664 D01 v01r04                                                                   |
|                                                                        |                    | FCC KDB 865664 D02 v01r02                                                                   |
|                                                                        |                    | FCC KDB 447498 D01 v06                                                                      |
|                                                                        |                    | KDB 941225 D05 v02r05                                                                       |
| COMMENTS                                                               |                    |                                                                                             |
| None                                                                   |                    |                                                                                             |
| DEVIATIONS FROM TEST STANDARD                                          |                    |                                                                                             |
| None                                                                   |                    |                                                                                             |
| Configuration #                                                        | 10                 | Signature  |
|                                                                        |                    | Max Rated Pwr (dBm)                                                                         |
|                                                                        |                    | Conducted Pwr (dBm)                                                                         |
|                                                                        |                    | Conducted Pwr (mW)                                                                          |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 1 RB starting at RB 0     |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 145.2                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 1 RB starting at RB 49    |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 144.9                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 1 RB starting at RB 99    |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 144.5                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 50 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 144.5                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 50 RB starting at RB 24   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 144.2                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 50 RB starting at RB 49   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 144.5                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20050 at 1720 MHz, 100 RB starting at RB 0   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.6                                                                                        |
| 144.2                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 0   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 153.8                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 49  |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 156.3                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 99  |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 156.0                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 50 RB starting at RB 0  |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 156.0                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 50 RB starting at RB 24 |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 155.2                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 50 RB starting at RB 49 |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 155.2                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 100 RB starting at RB 0 |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.9                                                                                        |
| 154.9                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 1 RB starting at RB 0     |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.4                                                                                        |
| 173.8                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 1 RB starting at RB 49    |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.4                                                                                        |
| 173.4                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 1 RB starting at RB 99    |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.4                                                                                        |
| 173.0                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 50 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.4                                                                                        |
| 173.0                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 50 RB starting at RB 24   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.4                                                                                        |
| 173.0                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 50 RB starting at RB 49   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.4                                                                                        |
| 173.0                                                                  |                    |                                                                                             |
| 20 MHz Bandwidth, Channel 20300 at 1745 MHz, 100 RB starting at RB 0   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 22.5                                                                                        |
| 179.5                                                                  |                    |                                                                                             |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 1 RB starting at RB 0   |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.5                                                                                        |
| 142.2                                                                  |                    |                                                                                             |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 1 RB starting at RB 37  |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.5                                                                                        |
| 141.9                                                                  |                    |                                                                                             |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 1 RB starting at RB 74  |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.5                                                                                        |
| 141.9                                                                  |                    |                                                                                             |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 36 RB starting at RB 0  |                    |                                                                                             |
| QPSK                                                                   |                    | 23.5                                                                                        |
| 16-QAM                                                                 |                    | 21.5                                                                                        |
| 142.2                                                                  |                    |                                                                                             |

|                                                                        |        |      |      |       |
|------------------------------------------------------------------------|--------|------|------|-------|
|                                                                        | QPSK   | 23.5 | 21.5 | 141.9 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.9 |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 141.6 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.9 |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 142.6 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.9 |
| 15 MHz Bandwidth, Channel 20025 at 1717.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 141.9 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.9 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.0 | 156.7 |
|                                                                        | 16-QAM | 23.5 | 22.0 | 156.7 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 37  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.0 | 156.7 |
|                                                                        | 16-QAM | 23.5 | 22.0 | 156.7 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 74  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.0 | 156.7 |
|                                                                        | 16-QAM | 23.5 | 22.0 | 156.7 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 36 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.0 | 156.7 |
|                                                                        | 16-QAM | 23.5 | 22.0 | 156.7 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 156.3 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 156.3 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 156.3 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 156.0 |
| 15 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 156.3 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 156.0 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 173.8 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 174.2 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 1 RB starting at RB 37  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 174.2 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 1 RB starting at RB 74  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.6 | 181.6 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 175.0 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 36 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.6 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 174.6 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.6 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 174.2 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                        | 16-QAM | 23.5 | 22.6 | 181.6 |
| 15 MHz Bandwidth, Channel 20325 at 1747.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                        | 16-QAM | 23.5 | 22.4 | 174.6 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 140.0 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 140.0 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 140.3 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 140.3 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 140.3 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 140.6 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 140.6 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.6 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 25 RB starting at RB 12   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 141.9 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.6 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 25 RB starting at RB 24   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.5 | 141.9 |
|                                                                        | 16-QAM | 23.5 | 21.5 | 141.9 |
| 10 MHz Bandwidth, Channel 20000 at 1715 MHz, 50 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.4 | 137.4 |
|                                                                        | 16-QAM | 23.5 | 21.4 | 137.7 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.7 | 148.9 |
|                                                                        | 16-QAM | 23.5 | 21.8 | 151.4 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 24  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 154.9 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 155.2 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 49  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 155.2 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 154.9 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 154.9 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 154.9 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 25 RB starting at RB 12 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 154.9 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 155.2 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 25 RB starting at RB 24 |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 155.2 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 155.2 |
| 10 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 50 RB starting at RB 0  |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 21.9 | 155.2 |
|                                                                        | 16-QAM | 23.5 | 21.9 | 155.2 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.6 | 182.4 |
|                                                                        | 16-QAM | 23.5 | 22.6 | 182.0 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.6 | 182.0 |
|                                                                        | 16-QAM | 23.5 | 22.6 | 182.4 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.6 | 182.0 |
|                                                                        | 16-QAM | 23.5 | 22.6 | 182.4 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                        | QPSK   | 23.5 | 22.6 | 182.0 |

|                                                                       |      |      |       |
|-----------------------------------------------------------------------|------|------|-------|
| 16-QAM                                                                | 23.5 | 22.6 | 182.0 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 25 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 182.0 |
| 16-QAM                                                                | 23.5 | 22.6 | 182.4 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 25 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 182.8 |
| 16-QAM                                                                | 23.5 | 22.6 | 183.2 |
| 10 MHz Bandwidth, Channel 20350 at 1750 MHz, 50 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 182.8 |
| 16-QAM                                                                | 23.5 | 22.6 | 182.8 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 132.7 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.5 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 21.3 | 135.2 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.8 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 21.3 | 135.8 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.8 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 21.3 | 135.8 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.8 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 21.3 | 135.2 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.5 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 21.3 | 135.5 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.5 |
| 5 MHz Bandwidth, Channel 19975 at 1712.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 21.3 | 135.5 |
| 16-QAM                                                                | 23.5 | 21.3 | 135.5 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 150.0 |
| 16-QAM                                                                | 23.5 | 21.8 | 149.6 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 150.0 |
| 16-QAM                                                                | 23.5 | 21.9 | 153.1 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 21.9 | 153.1 |
| 16-QAM                                                                | 23.5 | 21.9 | 153.1 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 21.9 | 153.1 |
| 16-QAM                                                                | 23.5 | 21.9 | 153.1 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 21.9 | 153.1 |
| 16-QAM                                                                | 23.5 | 21.9 | 153.1 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 21.9 | 153.5 |
| 16-QAM                                                                | 23.5 | 21.9 | 153.1 |
| 5 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 21.9 | 153.5 |
| 16-QAM                                                                | 23.5 | 21.9 | 153.1 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 179.5 |
| 16-QAM                                                                | 23.5 | 22.5 | 179.1 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 179.5 |
| 16-QAM                                                                | 23.5 | 22.5 | 179.5 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.3 |
| 16-QAM                                                                | 23.5 | 22.6 | 179.9 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 179.9 |
| 16-QAM                                                                | 23.5 | 22.6 | 179.9 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.3 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.3 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 181.1 |
| 16-QAM                                                                | 23.5 | 22.6 | 181.1 |
| 5 MHz Bandwidth, Channel 20375 at 1752.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 181.1 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 21.5 | 141.3 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.2 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 131.2 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.2 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 131.2 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.2 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 131.2 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.5 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 131.5 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.5 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 131.5 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.2 |
| 3 MHz Bandwidth, Channel 19965 at 1711.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 21.2 | 131.5 |
| 16-QAM                                                                | 23.5 | 21.2 | 131.5 |
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 152.1 |
| 16-QAM                                                                | 23.5 | 21.8 | 152.4 |
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 152.1 |
| 16-QAM                                                                | 23.5 | 21.8 | 152.1 |
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 152.1 |
| 16-QAM                                                                | 23.5 | 21.8 | 152.1 |
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 152.1 |
| 16-QAM                                                                | 23.5 | 21.8 | 152.1 |

|                                                                       |      |      |       |
|-----------------------------------------------------------------------|------|------|-------|
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 151.7 |
| 16-QAM                                                                | 23.5 | 21.8 | 151.7 |
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 151.7 |
| 16-QAM                                                                | 23.5 | 21.8 | 151.7 |
| 3 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 151.7 |
| 16-QAM                                                                | 23.5 | 21.8 | 151.7 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 177.0 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.3 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.3 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.3 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 181.1 |
| 16-QAM                                                                | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20385 at 1753.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                                | 23.5 | 22.5 | 177.8 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 21.1 | 130.0 |
| 16-QAM                                                                | 23.5 | 21.1 | 127.9 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 21.1 | 130.0 |
| 16-QAM                                                                | 23.5 | 21.1 | 127.6 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                  | 23.5 | 21.1 | 127.6 |
| 16-QAM                                                                | 23.5 | 21.1 | 129.7 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 21.0 | 124.5 |
| 16-QAM                                                                | 23.5 | 21.0 | 125.3 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                  | 23.5 | 21.1 | 127.4 |
| 16-QAM                                                                | 23.5 | 21.1 | 127.4 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 21.1 | 127.4 |
| 16-QAM                                                                | 23.5 | 21.1 | 127.4 |
| 1.4 MHz Bandwidth, Channel 19957 at 1710.7 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 21.0 | 127.1 |
| 16-QAM                                                                | 23.5 | 21.0 | 127.1 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 150.7 |
| 16-QAM                                                                | 23.5 | 21.0 | 125.9 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 21.0 | 125.9 |
| 16-QAM                                                                | 23.5 | 22.0 | 158.5 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                  | 23.5 | 22.0 | 158.5 |
| 16-QAM                                                                | 23.5 | 21.9 | 154.9 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 21.9 | 154.9 |
| 16-QAM                                                                | 23.5 | 22.0 | 158.5 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                  | 23.5 | 21.7 | 147.9 |
| 16-QAM                                                                | 23.5 | 21.7 | 147.9 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 21.8 | 151.4 |
| 16-QAM                                                                | 23.5 | 21.6 | 144.5 |
| 1.4 MHz Bandwidth, Channel 20175 at 1732.5 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 21.6 | 144.5 |
| 16-QAM                                                                | 23.5 | 21.6 | 144.5 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 176.6 |
| 16-QAM                                                                | 23.5 | 22.5 | 177.0 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 175.8 |
| 16-QAM                                                                | 23.5 | 22.5 | 175.8 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                  | 23.5 | 22.5 | 175.8 |
| 16-QAM                                                                | 23.5 | 22.4 | 174.2 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 174.6 |
| 16-QAM                                                                | 23.5 | 22.4 | 174.6 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                | 23.5 | 22.4 | 174.2 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                  | 23.5 | 22.4 | 173.4 |
| 16-QAM                                                                | 23.5 | 22.4 | 173.4 |
| 1.4 MHz Bandwidth, Channel 20393 at 1754.3 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                  | 23.5 | 22.6 | 180.3 |
| 16-QAM                                                                | 23.5 | 22.5 | 175.8 |

# OUTPUT POWER LTE BAND 5



|                                                                       |                    |                                                                                             |
|-----------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                          |                    | Work Order: PHYS1087                                                                        |
| Serial Number: 49408161 (modem 20256581)                              |                    | Date: 17-Aug-21                                                                             |
| Customer: Stryker                                                     |                    | Temperature: 22.9 °C                                                                        |
| Attendees: None                                                       |                    | Humidity: 50.1% RH                                                                          |
| Project: None                                                         |                    | Barometric Pres.: 1015 mbar                                                                 |
| Tested by: Marcelo Aguayo                                             | Power: 110VAC/60Hz | Job Site: MN11                                                                              |
| TEST SPECIFICATIONS                                                   |                    |                                                                                             |
| FCC 2.1093:2021                                                       |                    | Test Method                                                                                 |
|                                                                       |                    | IEEE Std 1528:2013                                                                          |
|                                                                       |                    | FCC KDB 865664 D01 v01r04                                                                   |
|                                                                       |                    | FCC KDB 865664 D02 v01r02                                                                   |
|                                                                       |                    | FCC KDB 447498 D01 v06                                                                      |
|                                                                       |                    | KDB 941225 D05 v02r05                                                                       |
| COMMENTS                                                              |                    |                                                                                             |
| None                                                                  |                    |                                                                                             |
| DEVIATIONS FROM TEST STANDARD                                         |                    |                                                                                             |
| None                                                                  |                    |                                                                                             |
| Configuration #                                                       | 10                 | Signature  |
|                                                                       |                    |                                                                                             |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 1 RB starting at RB 0     |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.7                                                                                        |
| 16-QAM                                                                | 23.5               | 23.1                                                                                        |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 1 RB starting at RB 24    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.0                                                                                        |
| 16-QAM                                                                | 23.5               | 22.9                                                                                        |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 1 RB starting at RB 49    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.2                                                                                        |
| 16-QAM                                                                | 23.5               | 23.3                                                                                        |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 25 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.2                                                                                        |
| 16-QAM                                                                | 23.5               | 23.1                                                                                        |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 25 RB starting at RB 12   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.0                                                                                        |
| 16-QAM                                                                | 23.5               | 23.0                                                                                        |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 25 RB starting at RB 24   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.0                                                                                        |
| 16-QAM                                                                | 23.5               | 22.9                                                                                        |
| 10 MHz Bandwidth, Channel 20450 at 829 MHz, 50 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.9                                                                                        |
| 16-QAM                                                                | 23.5               | 22.9                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 0   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 24  |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 49  |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 25 RB starting at RB 0  |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.5                                                                                        |
| 16-QAM                                                                | 23.5               | 22.5                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 25 RB starting at RB 12 |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.5                                                                                        |
| 16-QAM                                                                | 23.5               | 22.5                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 25 RB starting at RB 24 |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20525 at 836.5 MHz, 50 RB starting at RB 0  |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 1 RB starting at RB 0     |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 1 RB starting at RB 24    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 1 RB starting at RB 49    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 25 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 25 RB starting at RB 12   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 25 RB starting at RB 24   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 10 MHz Bandwidth, Channel 20700 at 844 MHz, 50 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 22.6                                                                                        |
| 16-QAM                                                                | 23.5               | 22.6                                                                                        |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 1 RB starting at RB 0    |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.0                                                                                        |
| 16-QAM                                                                | 23.5               | 23.0                                                                                        |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 1 RB starting at RB 12   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.1                                                                                        |
| 16-QAM                                                                | 23.5               | 23.1                                                                                        |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 1 RB starting at RB 24   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.1                                                                                        |
| 16-QAM                                                                | 23.5               | 23.1                                                                                        |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 12 RB starting at RB 0   |                    |                                                                                             |
| QPSK                                                                  | 23.5               | 23.1                                                                                        |
| 16-QAM                                                                | 23.5               | 23.1                                                                                        |

|                                                                      |        |      |      |       |
|----------------------------------------------------------------------|--------|------|------|-------|
|                                                                      | QPSK   | 23.5 | 23.1 | 204.6 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 203.7 |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 204.6 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 204.6 |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 204.6 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 205.1 |
| 5 MHz Bandwidth, Channel 20425 at 826.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 205.1 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 205.1 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.5 | 179.1 |
|                                                                      | 16-QAM | 23.5 | 22.5 | 178.6 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 12  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.8 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.0 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 24  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.6 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.0 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 12 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 5 MHz Bandwidth, Channel 20525 at 836.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 180.7 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 180.7 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.6 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 180.7 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 1 RB starting at RB 12  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 1 RB starting at RB 24  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 180.7 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 12 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.4 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.4 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.8 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.4 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.4 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.4 |
| 5 MHz Bandwidth, Channel 20725 at 846.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.0 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.0 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 204.2 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 204.6 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 1 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 204.2 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 204.6 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 1 RB starting at RB 14  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 204.6 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 204.6 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 8 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 205.1 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 205.6 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 8 RB starting at RB 4   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 205.6 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 206.1 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 8 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.2 | 206.5 |
|                                                                      | 16-QAM | 23.5 | 23.2 | 206.5 |
| 3 MHz Bandwidth, Channel 20415 at 825.5 MHz, 15 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.1 | 206.1 |
|                                                                      | 16-QAM | 23.5 | 23.1 | 206.1 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.0 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.0 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.4 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.0 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 14  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 182.4 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.6 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 8 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.6 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 182.0 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 8 RB starting at RB 4   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.6 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 8 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 3 MHz Bandwidth, Channel 20525 at 836.5 MHz, 15 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 181.1 |
|                                                                      | 16-QAM | 23.5 | 22.7 | 184.9 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 180.7 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 1 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.6 | 180.7 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 180.7 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 1 RB starting at RB 14  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.7 | 184.9 |
|                                                                      | 16-QAM | 23.5 | 22.6 | 181.1 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 8 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.7 | 185.4 |

|                                                                      |      |      |       |
|----------------------------------------------------------------------|------|------|-------|
| 16-QAM                                                               | 23.5 | 22.7 | 185.4 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                               | 23.5 | 22.7 | 184.9 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                 | 23.5 | 22.7 | 184.9 |
| 16-QAM                                                               | 23.5 | 22.7 | 184.9 |
| 3 MHz Bandwidth, Channel 20735 at 847.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                 | 23.5 | 22.7 | 184.9 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.6 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.3 | 170.6 |
| 16-QAM                                                               | 23.5 | 23.1 | 203.7 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 23.2 | 207.0 |
| 16-QAM                                                               | 23.5 | 23.2 | 207.5 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                 | 23.5 | 23.2 | 207.5 |
| 16-QAM                                                               | 23.5 | 23.2 | 207.5 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 23.2 | 207.5 |
| 16-QAM                                                               | 23.5 | 23.2 | 207.5 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                 | 23.5 | 23.2 | 207.5 |
| 16-QAM                                                               | 23.5 | 23.1 | 203.7 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 23.1 | 203.7 |
| 16-QAM                                                               | 23.5 | 23.1 | 204.2 |
| 1.4 MHz Bandwidth, Channel 20407 at 824.7 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 23.1 | 203.7 |
| 16-QAM                                                               | 23.5 | 23.1 | 204.2 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.3 | 171.4 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.6 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 181.1 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.6 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 181.1 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.6 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.5 | 177.4 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.1 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                 | 23.5 | 22.5 | 177.4 |
| 16-QAM                                                               | 23.5 | 22.5 | 177.4 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 22.5 | 179.5 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.1 |
| 1.4 MHz Bandwidth, Channel 20525 at 836.5 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 179.9 |
| 16-QAM                                                               | 23.5 | 22.6 | 181.1 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 181.1 |
| 16-QAM                                                               | 23.5 | 22.5 | 177.0 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 22.5 | 177.4 |
| 16-QAM                                                               | 23.5 | 22.6 | 180.7 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                               | 23.5 | 22.6 | 180.7 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                               | 23.5 | 22.6 | 180.7 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 181.6 |
| 16-QAM                                                               | 23.5 | 22.6 | 180.7 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 180.7 |
| 16-QAM                                                               | 23.5 | 22.6 | 180.3 |
| 1.4 MHz Bandwidth, Channel 20743 at 848.3 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 22.6 | 180.3 |
| 16-QAM                                                               | 23.5 | 22.6 | 180.3 |

# OUTPUT POWER LTE BAND 12



|                                                                       |    |                                                                                                                                                |                     |
|-----------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                          |    | Work Order: PHYS1087                                                                                                                           |                     |
| Serial Number: 49408161 (modem 20256581)                              |    | Date: 17-Aug-21                                                                                                                                |                     |
| Customer: Stryker                                                     |    | Temperature: 22.5 °C                                                                                                                           |                     |
| Attendees: None                                                       |    | Humidity: 53.2% RH                                                                                                                             |                     |
| Project: None                                                         |    | Barometric Pres.: 1015 mbar                                                                                                                    |                     |
| Tested by: Marcelo Aguayo                                             |    | Power: 110VAC/60Hz                                                                                                                             |                     |
| Job Site: MN11                                                        |    |                                                                                                                                                |                     |
| TEST SPECIFICATIONS                                                   |    |                                                                                                                                                |                     |
| FCC 2.1093:2021                                                       |    | Test Method<br>IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 941225 D05 v02r05 |                     |
| COMMENTS                                                              |    |                                                                                                                                                |                     |
| None                                                                  |    |                                                                                                                                                |                     |
| DEVIATIONS FROM TEST STANDARD                                         |    |                                                                                                                                                |                     |
| None                                                                  |    |                                                                                                                                                |                     |
| Configuration #                                                       | 10 | Signature                                                     |                     |
|                                                                       |    | Max Rated Pwr (dBm)                                                                                                                            | Conducted Pwr (dBm) |
|                                                                       |    |                                                                                                                                                | Conducted Pwr (mW)  |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 1 RB starting at RB 0     |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 22.9                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 22.7                |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 1 RB starting at RB 24    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 22.2                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 1 RB starting at RB 49    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.8                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 25 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.5                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.4                |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 25 RB starting at RB 12   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.5                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.4                |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 25 RB starting at RB 24   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.6                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.5                |
| 10 MHz Bandwidth, Channel 23060 at 704 MHz, 50 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.5                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 0   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 24  |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.6                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 49  |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.6                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.6                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 25 RB starting at RB 0  |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 25 RB starting at RB 12 |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 25 RB starting at RB 24 |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23095 at 707.5 MHz, 50 RB starting at RB 0  |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 1 RB starting at RB 0     |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 1 RB starting at RB 24    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.8                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 1 RB starting at RB 49    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 25 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.7                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 25 RB starting at RB 12   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.7                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 25 RB starting at RB 24   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.8                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 10 MHz Bandwidth, Channel 23130 at 711 MHz, 50 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.8                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.8                |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 1 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.1                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.0                |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 1 RB starting at RB 12   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.0                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.0                |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 1 RB starting at RB 24   |    |                                                                                                                                                |                     |
| QPSK                                                                  |    | 23.5                                                                                                                                           | 21.0                |
| 16-QAM                                                                |    | 23.5                                                                                                                                           | 21.1                |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 12 RB starting at RB 0   |    |                                                                                                                                                |                     |

|                                                                      |        |      |      |       |
|----------------------------------------------------------------------|--------|------|------|-------|
|                                                                      | QPSK   | 23.5 | 21.0 | 127.1 |
|                                                                      | 16-QAM | 23.5 | 21.1 | 129.4 |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.1 | 129.4 |
|                                                                      | 16-QAM | 23.5 | 21.1 | 130.0 |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.1 | 129.4 |
|                                                                      | 16-QAM | 23.5 | 21.1 | 127.6 |
| 5 MHz Bandwidth, Channel 23035 at 701.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.2 | 130.3 |
|                                                                      | 16-QAM | 23.5 | 21.2 | 130.3 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 146.9 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 146.2 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 12  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 148.9 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 151.7 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 24  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 151.4 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 151.0 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 12 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 151.0 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 150.7 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 150.7 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 150.7 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 150.7 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 150.3 |
| 5 MHz Bandwidth, Channel 23095 at 707.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 150.0 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 149.6 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 151.0 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 147.9 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 1 RB starting at RB 12  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 147.6 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 147.6 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 1 RB starting at RB 24  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 147.2 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 147.2 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 12 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 146.9 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 149.3 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 148.6 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 148.6 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 148.9 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 148.9 |
| 5 MHz Bandwidth, Channel 23155 at 713.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 148.3 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 148.3 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.3 | 135.8 |
|                                                                      | 16-QAM | 23.5 | 21.3 | 135.5 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 1 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.3 | 135.8 |
|                                                                      | 16-QAM | 23.5 | 21.3 | 135.8 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 1 RB starting at RB 14  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.3 | 135.8 |
|                                                                      | 16-QAM | 23.5 | 21.3 | 135.8 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 8 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.3 | 135.8 |
|                                                                      | 16-QAM | 23.5 | 21.3 | 135.8 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 8 RB starting at RB 4   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.3 | 135.8 |
|                                                                      | 16-QAM | 23.5 | 21.3 | 135.5 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 8 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.3 | 135.8 |
|                                                                      | 16-QAM | 23.5 | 21.4 | 137.7 |
| 3 MHz Bandwidth, Channel 23025 at 700.5 MHz, 15 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.5 | 140.6 |
|                                                                      | 16-QAM | 23.5 | 21.5 | 140.3 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.9 | 154.2 |
|                                                                      | 16-QAM | 23.5 | 21.9 | 153.8 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.9 | 153.8 |
|                                                                      | 16-QAM | 23.5 | 21.9 | 153.5 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 14  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.9 | 153.1 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 152.8 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 8 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 152.4 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 152.4 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 8 RB starting at RB 4   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 152.1 |
|                                                                      | 16-QAM | 23.5 | 21.9 | 155.6 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 8 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.9 | 156.0 |
|                                                                      | 16-QAM | 23.5 | 21.9 | 155.2 |
| 3 MHz Bandwidth, Channel 23095 at 707.5 MHz, 15 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.9 | 154.5 |
|                                                                      | 16-QAM | 23.5 | 21.9 | 154.5 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 149.3 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 152.4 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 1 RB starting at RB 7   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.7 | 149.3 |
|                                                                      | 16-QAM | 23.5 | 21.7 | 149.3 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 1 RB starting at RB 14  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 152.8 |
|                                                                      | 16-QAM | 23.5 | 21.8 | 149.6 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 8 RB starting at RB 0   |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 21.8 | 149.6 |

|                                                                      |      |      |       |
|----------------------------------------------------------------------|------|------|-------|
| 16-QAM                                                               | 23.5 | 21.8 | 152.4 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                 | 23.5 | 21.8 | 152.1 |
| 16-QAM                                                               | 23.5 | 21.8 | 152.1 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                 | 23.5 | 21.7 | 149.3 |
| 16-QAM                                                               | 23.5 | 21.7 | 149.3 |
| 3 MHz Bandwidth, Channel 23165 at 714.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                 | 23.5 | 21.8 | 152.1 |
| 16-QAM                                                               | 23.5 | 21.8 | 152.1 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.5 | 140.0 |
| 16-QAM                                                               | 23.5 | 21.6 | 143.2 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 21.5 | 140.0 |
| 16-QAM                                                               | 23.5 | 21.6 | 143.2 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 143.2 |
| 16-QAM                                                               | 23.5 | 21.5 | 140.3 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.5 | 140.6 |
| 16-QAM                                                               | 23.5 | 21.5 | 140.6 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                 | 23.5 | 21.5 | 140.6 |
| 16-QAM                                                               | 23.5 | 21.5 | 140.3 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 21.5 | 140.3 |
| 16-QAM                                                               | 23.5 | 21.5 | 140.6 |
| 1.4 MHz Bandwidth, Channel 23017 at 699.7 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 143.2 |
| 16-QAM                                                               | 23.5 | 21.5 | 141.9 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.7 | 147.9 |
| 16-QAM                                                               | 23.5 | 21.7 | 147.9 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 21.9 | 154.2 |
| 16-QAM                                                               | 23.5 | 21.8 | 150.3 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                 | 23.5 | 21.7 | 147.2 |
| 16-QAM                                                               | 23.5 | 21.9 | 153.5 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.9 | 153.5 |
| 16-QAM                                                               | 23.5 | 21.9 | 153.1 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                 | 23.5 | 21.8 | 150.0 |
| 16-QAM                                                               | 23.5 | 21.8 | 149.6 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 21.9 | 153.5 |
| 16-QAM                                                               | 23.5 | 21.7 | 149.3 |
| 1.4 MHz Bandwidth, Channel 23095 at 707.5 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.8 | 149.6 |
| 16-QAM                                                               | 23.5 | 21.9 | 153.1 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 143.5 |
| 16-QAM                                                               | 23.5 | 21.6 | 144.2 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 143.2 |
| 16-QAM                                                               | 23.5 | 21.6 | 142.9 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                 | 23.5 | 21.5 | 142.6 |
| 16-QAM                                                               | 23.5 | 21.5 | 142.2 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 144.5 |
| 16-QAM                                                               | 23.5 | 21.6 | 144.2 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 144.2 |
| 16-QAM                                                               | 23.5 | 21.6 | 144.2 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 144.2 |
| 16-QAM                                                               | 23.5 | 21.6 | 144.2 |
| 1.4 MHz Bandwidth, Channel 23173 at 715.3 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                 | 23.5 | 21.6 | 143.5 |
| 16-QAM                                                               | 23.5 | 21.6 | 143.5 |

# OUTPUT POWER LTE BAND 13



|                                                                      |    |                                                                                                                                 |                     |
|----------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------|---------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                         |    | Work Order: PHYS1087                                                                                                            |                     |
| Serial Number: 49408161 (modem 20256581)                             |    | Date: 17-Aug-21                                                                                                                 |                     |
| Customer: Stryker                                                    |    | Temperature: 22.8 °C                                                                                                            |                     |
| Attendees: None                                                      |    | Humidity: 52.2% RH                                                                                                              |                     |
| Project: None                                                        |    | Barometric Pres.: 1015 mbar                                                                                                     |                     |
| Tested by: Marcelo Aguayo                                            |    | Power: 110VAC/60Hz                                                                                                              |                     |
| Job Site: MN11                                                       |    |                                                                                                                                 |                     |
| TEST SPECIFICATIONS                                                  |    |                                                                                                                                 |                     |
| FCC 2.1093.2021                                                      |    | Test Method                                                                                                                     |                     |
|                                                                      |    | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 941225 D05 v02r05 |                     |
| COMMENTS                                                             |    |                                                                                                                                 |                     |
| None                                                                 |    |                                                                                                                                 |                     |
| DEVIATIONS FROM TEST STANDARD                                        |    |                                                                                                                                 |                     |
| None                                                                 |    |                                                                                                                                 |                     |
| Configuration #                                                      | 10 | Signature                                      |                     |
|                                                                      |    | Max Rated Pwr (dBm)                                                                                                             | Conducted Pwr (dBm) |
|                                                                      |    |                                                                                                                                 | Conducted Pwr (mW)  |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 1 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 1 RB starting at RB 24   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 1 RB starting at RB 49   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 25 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 25 RB starting at RB 12  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 25 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 10 MHz Bandwidth, Channel 23230 at 782 MHz, 50 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 1 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.8                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.8                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 1 RB starting at RB 12  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 1 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 12 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 12 RB starting at RB 6  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.8                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 12 RB starting at RB 11 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.8                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.8                |
| 5 MHz Bandwidth, Channel 23205 at 779.5 MHz, 25 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.8                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.8                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 1 RB starting at RB 0     |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 1 RB starting at RB 12    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 1 RB starting at RB 24    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 12 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 12 RB starting at RB 6    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 12 RB starting at RB 11   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23230 at 782 MHz, 25 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.0                |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 1 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.1                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.1                |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 1 RB starting at RB 12  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 1 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 12 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 22.9                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 22.9                |

|                                                                      |        |      |      |       |
|----------------------------------------------------------------------|--------|------|------|-------|
|                                                                      | QPSK   | 23.5 | 22.9 | 196.8 |
|                                                                      | 16-QAM | 23.5 | 22.9 | 196.8 |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.9 | 196.8 |
|                                                                      | 16-QAM | 23.5 | 22.9 | 196.3 |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 22.9 | 196.3 |
|                                                                      | 16-QAM | 23.5 | 22.9 | 196.8 |
| 5 MHz Bandwidth, Channel 23255 at 784.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.0 | 197.7 |
|                                                                      | 16-QAM | 23.5 | 22.9 | 196.8 |

# OUTPUT POWER LTE BAND 14



|                                                                      |    |                                                                                                                                 |                     |
|----------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------|---------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                         |    | Work Order: PHYS1087                                                                                                            |                     |
| Serial Number: 49408161 (modem 20256581)                             |    | Date: 17-Aug-21                                                                                                                 |                     |
| Customer: Stryker                                                    |    | Temperature: 22.9 °C                                                                                                            |                     |
| Attendees: None                                                      |    | Humidity: 50.7% RH                                                                                                              |                     |
| Project: None                                                        |    | Barometric Pres.: 1015 mbar                                                                                                     |                     |
| Tested by: Marcelo Aguayo                                            |    | Power: 110VAC/60Hz                                                                                                              |                     |
| Job Site: MN11                                                       |    |                                                                                                                                 |                     |
| TEST SPECIFICATIONS                                                  |    |                                                                                                                                 |                     |
| FCC 2.1093:2021                                                      |    | Test Method                                                                                                                     |                     |
|                                                                      |    | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 941225 D05 v02r05 |                     |
| COMMENTS                                                             |    |                                                                                                                                 |                     |
| None                                                                 |    |                                                                                                                                 |                     |
| DEVIATIONS FROM TEST STANDARD                                        |    |                                                                                                                                 |                     |
| None                                                                 |    |                                                                                                                                 |                     |
| Configuration #                                                      | 10 | Signature                                      |                     |
|                                                                      |    | Max Rated Pwr (dBm)                                                                                                             | Conducted Pwr (dBm) |
|                                                                      |    |                                                                                                                                 | Conducted Pwr (mW)  |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 1 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 23.1                |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 1 RB starting at RB 24   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.1                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 205.1               |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 1 RB starting at RB 49   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.4               |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 25 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.0               |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 25 RB starting at RB 12  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.4               |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 25 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.3                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 211.8               |
| 10 MHz Bandwidth, Channel 23330 at 793 MHz, 50 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.3                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 211.3               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 1 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.3                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 210.4               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 1 RB starting at RB 12  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.5                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 223.4               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 1 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.5                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 222.8               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 12 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.4                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 220.3               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 12 RB starting at RB 12 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.1                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 206.1               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 12 RB starting at RB 24 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.9               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 12 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.9               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 12 RB starting at RB 6  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.9               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 12 RB starting at RB 11 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.4               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 25 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.0               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 25 RB starting at RB 12 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.0               |
| 5 MHz Bandwidth, Channel 23305 at 790.5 MHz, 25 RB starting at RB 24 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 208.0               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 1 RB starting at RB 0     |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.1                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 201.8               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 1 RB starting at RB 12    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 201.4               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 1 RB starting at RB 24    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 207.5               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 12 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 200.9               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 12 RB starting at RB 6    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 200.9               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 12 RB starting at RB 11   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 200.0               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 25 RB starting at RB 0    |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 200.4               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 25 RB starting at RB 12   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 200.0               |
| 5 MHz Bandwidth, Channel 23330 at 793 MHz, 25 RB starting at RB 24   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.0                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 205.6               |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 1 RB starting at RB 0   |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.1                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 205.6               |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 1 RB starting at RB 12  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.3                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 212.3               |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 1 RB starting at RB 24  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.3                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 211.8               |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 12 RB starting at RB 0  |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.3                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 211.3               |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 12 RB starting at RB 12 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 210.9               |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 12 RB starting at RB 24 |    |                                                                                                                                 |                     |
| QPSK                                                                 |    | 23.5                                                                                                                            | 23.2                |
| 16-QAM                                                               |    | 23.5                                                                                                                            | 210.4               |

|                                                                      |        |      |      |       |
|----------------------------------------------------------------------|--------|------|------|-------|
|                                                                      | QPSK   | 23.5 | 23.2 | 209.9 |
|                                                                      | 16-QAM | 23.5 | 23.2 | 209.9 |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 12 RB starting at RB 6  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.3 | 213.8 |
|                                                                      | 16-QAM | 23.5 | 23.3 | 213.3 |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 12 RB starting at RB 11 |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.3 | 213.3 |
|                                                                      | 16-QAM | 23.5 | 23.3 | 212.8 |
| 5 MHz Bandwidth, Channel 23355 at 795.5 MHz, 25 RB starting at RB 0  |        |      |      |       |
|                                                                      | QPSK   | 23.5 | 23.3 | 213.3 |
|                                                                      | 16-QAM | 23.5 | 23.4 | 216.3 |

# OUTPUT POWER LTE BAND 66



|                                                                        |    |                                                                                                                                                |                     |
|------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                           |    | Work Order: PHYS1087                                                                                                                           |                     |
| Serial Number: 49408161 (modem 20256581)                               |    | Date: 17-Aug-21                                                                                                                                |                     |
| Customer: Stryker                                                      |    | Temperature: 22.8 °C                                                                                                                           |                     |
| Attendees: None                                                        |    | Humidity: 50% RH                                                                                                                               |                     |
| Project: None                                                          |    | Barometric Pres.: 1015 mbar                                                                                                                    |                     |
| Tested by: Marcelo Aguayo                                              |    | Power: 110VAC/60Hz                                                                                                                             |                     |
|                                                                        |    | Job Site: MN11                                                                                                                                 |                     |
| TEST SPECIFICATIONS                                                    |    |                                                                                                                                                |                     |
| FCC 2.1093.2021                                                        |    | Test Method<br>IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 941225 D05 v02r05 |                     |
| COMMENTS                                                               |    |                                                                                                                                                |                     |
| None                                                                   |    |                                                                                                                                                |                     |
| DEVIATIONS FROM TEST STANDARD                                          |    |                                                                                                                                                |                     |
| None                                                                   |    |                                                                                                                                                |                     |
| Configuration #                                                        | 10 | Signature                                                     |                     |
|                                                                        |    | Max Rated Pwr (dBm)                                                                                                                            | Conducted Pwr (dBm) |
|                                                                        |    |                                                                                                                                                | Conducted Pwr (mW)  |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 1 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.2                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.2                |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 1 RB starting at RB 49   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.2                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.2                |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 1 RB starting at RB 99   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.2                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 50 RB starting at RB 0   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.2                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.2                |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 50 RB starting at RB 24  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.2                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.2                |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 50 RB starting at RB 49  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 20 MHz Bandwidth, Channel 132072 at 1720 MHz, 100 RB starting at RB 0  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 49   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.4                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 99   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.4                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.4                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 50 RB starting at RB 0   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.4                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.4                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 50 RB starting at RB 24  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.4                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.4                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 50 RB starting at RB 49  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.4                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.4                |
| 20 MHz Bandwidth, Channel 132322 at 1745 MHz, 100 RB starting at RB 0  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.4                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.4                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 1 RB starting at RB 0    |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.1                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.1                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 1 RB starting at RB 49   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.1                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.0                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 1 RB starting at RB 99   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.0                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.0                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 50 RB starting at RB 0   |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.0                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.0                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 50 RB starting at RB 24  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.0                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.0                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 50 RB starting at RB 49  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.0                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.0                |
| 20 MHz Bandwidth, Channel 132572 at 1770 MHz, 100 RB starting at RB 0  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.0                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.0                |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 1 RB starting at RB 0  |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 1 RB starting at RB 37 |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 1 RB starting at RB 74 |    |                                                                                                                                                |                     |
| QPSK                                                                   |    | 23.5                                                                                                                                           | 22.3                |
| 16-QAM                                                                 |    | 23.5                                                                                                                                           | 22.3                |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 36 RB starting at RB 0 |    |                                                                                                                                                |                     |
|                                                                        |    | 23.5                                                                                                                                           | 22.3                |

|                                                                         |        |      |      |       |
|-------------------------------------------------------------------------|--------|------|------|-------|
|                                                                         | QPSK   | 23.5 | 22.3 | 171.4 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 171.4 |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 171.8 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 171.8 |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.4 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 171.8 |
| 15 MHz Bandwidth, Channel 132047 at 1717.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.4 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 171.8 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 170.2 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 170.2 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 37    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 170.6 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 170.6 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 74    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.0 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 171.4 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 36 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.0 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 171.0 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 36 RB starting at RB 18   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.4 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 171.0 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 36 RB starting at RB 37   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.4 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 171.0 |
| 15 MHz Bandwidth, Channel 132322 at 1745 MHz, 75 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 171.0 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 171.0 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 1 RB starting at RB 0   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.0 | 157.4 |
|                                                                         | 16-QAM | 23.5 | 22.1 | 161.1 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 1 RB starting at RB 37  |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.1 | 161.1 |
|                                                                         | 16-QAM | 23.5 | 22.1 | 161.1 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 1 RB starting at RB 74  |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.1 | 161.4 |
|                                                                         | 16-QAM | 23.5 | 22.1 | 161.4 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 36 RB starting at RB 0  |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.1 | 161.4 |
|                                                                         | 16-QAM | 23.5 | 22.0 | 159.2 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 36 RB starting at RB 18 |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.0 | 159.6 |
|                                                                         | 16-QAM | 23.5 | 22.0 | 159.2 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 36 RB starting at RB 37 |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.0 | 158.9 |
|                                                                         | 16-QAM | 23.5 | 22.0 | 159.2 |
| 15 MHz Bandwidth, Channel 132597 at 1772.5 MHz, 75 RB starting at RB 0  |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.0 | 159.2 |
|                                                                         | 16-QAM | 23.5 | 22.0 | 158.5 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                         | 16-QAM | 23.5 | 22.5 | 177.8 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.5 | 177.8 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 174.2 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 174.6 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 174.2 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 25 RB starting at RB 12   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 174.2 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 174.6 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 25 RB starting at RB 24   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 174.6 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 175.0 |
| 10 MHz Bandwidth, Channel 132022 at 1715 MHz, 50 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.4 | 175.4 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 175.0 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 167.9 |
|                                                                         | 16-QAM | 23.5 | 22.4 | 173.4 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 168.7 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 168.7 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 169.0 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 169.4 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 169.0 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 169.0 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 25 RB starting at RB 12   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 169.8 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 169.8 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 25 RB starting at RB 24   |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 169.8 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 169.8 |
| 10 MHz Bandwidth, Channel 132322 at 1745 MHz, 50 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.3 | 169.8 |
|                                                                         | 16-QAM | 23.5 | 22.3 | 169.8 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 1 RB starting at RB 0     |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.0 | 160.0 |
|                                                                         | 16-QAM | 23.5 | 22.1 | 161.1 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 1 RB starting at RB 24    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.1 | 162.6 |
|                                                                         | 16-QAM | 23.5 | 22.0 | 158.9 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 1 RB starting at RB 49    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 21.9 | 154.9 |
|                                                                         | 16-QAM | 23.5 | 22.0 | 159.2 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 25 RB starting at RB 0    |        |      |      |       |
|                                                                         | QPSK   | 23.5 | 22.0 | 159.6 |

|                                                                        |      |      |       |
|------------------------------------------------------------------------|------|------|-------|
| 16-QAM                                                                 | 23.5 | 22.0 | 159.2 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 25 RB starting at RB 12  |      |      |       |
| QPSK                                                                   | 23.5 | 21.9 | 154.9 |
| 16-QAM                                                                 | 23.5 | 21.9 | 156.0 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 25 RB starting at RB 24  |      |      |       |
| QPSK                                                                   | 23.5 | 21.9 | 155.6 |
| 16-QAM                                                                 | 23.5 | 22.1 | 160.3 |
| 10 MHz Bandwidth, Channel 132622 at 1775 MHz, 50 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 21.9 | 155.6 |
| 16-QAM                                                                 | 23.5 | 21.9 | 156.0 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                 | 23.5 | 22.4 | 173.4 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 172.6 |
| 16-QAM                                                                 | 23.5 | 22.4 | 173.0 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.8 |
| 16-QAM                                                                 | 23.5 | 22.3 | 170.2 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.6 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.6 |
| 16-QAM                                                                 | 23.5 | 22.4 | 175.0 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.6 |
| 16-QAM                                                                 | 23.5 | 22.4 | 175.0 |
| 5 MHz Bandwidth, Channel 131997 at 1712.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.0 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.0 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 0     |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 172.2 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 12    |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 170.2 |
| 16-QAM                                                                 | 23.5 | 22.3 | 170.2 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 24    |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 170.6 |
| 16-QAM                                                                 | 23.5 | 22.3 | 170.2 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 12 RB starting at RB 0    |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.0 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.4 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 12 RB starting at RB 6    |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.4 |
| 16-QAM                                                                 | 23.5 | 22.4 | 171.8 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 12 RB starting at RB 11   |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 171.8 |
| 5 MHz Bandwidth, Channel 132322 at 1745 MHz, 25 RB starting at RB 0    |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 171.8 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 160.0 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.6 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.6 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.2 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.2 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.2 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.2 |
| 16-QAM                                                                 | 23.5 | 22.0 | 158.9 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 158.9 |
| 16-QAM                                                                 | 23.5 | 22.1 | 162.9 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                   | 23.5 | 22.2 | 164.1 |
| 16-QAM                                                                 | 23.5 | 22.2 | 164.1 |
| 5 MHz Bandwidth, Channel 132647 at 1777.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 22.1 | 163.7 |
| 16-QAM                                                                 | 23.5 | 22.2 | 164.1 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.5 | 175.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.6 |
| 16-QAM                                                                 | 23.5 | 22.4 | 173.4 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.4 |
| 16-QAM                                                                 | 23.5 | 22.4 | 173.8 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.6 |
| 3 MHz Bandwidth, Channel 131987 at 1711.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 0     |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.4 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.0 |
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 7     |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.0 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.0 |
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 14    |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.0 |
| 16-QAM                                                                 | 23.5 | 22.4 | 171.8 |
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 8 RB starting at RB 0     |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 171.8 |

|                                                                        |      |      |       |
|------------------------------------------------------------------------|------|------|-------|
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 8 RB starting at RB 4     |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 171.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 171.8 |
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 8 RB starting at RB 7     |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 172.2 |
| 16-QAM                                                                 | 23.5 | 22.4 | 172.6 |
| 3 MHz Bandwidth, Channel 132322 at 1745 MHz, 15 RB starting at RB 0    |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 172.6 |
| 16-QAM                                                                 | 23.5 | 22.4 | 172.6 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.1 | 163.7 |
| 16-QAM                                                                 | 23.5 | 22.1 | 163.3 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 1 RB starting at RB 7   |      |      |       |
| QPSK                                                                   | 23.5 | 22.1 | 163.3 |
| 16-QAM                                                                 | 23.5 | 22.1 | 162.9 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 1 RB starting at RB 14  |      |      |       |
| QPSK                                                                   | 23.5 | 22.1 | 162.6 |
| 16-QAM                                                                 | 23.5 | 22.1 | 162.9 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 8 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.2 | 164.1 |
| 16-QAM                                                                 | 23.5 | 22.1 | 163.3 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 8 RB starting at RB 4   |      |      |       |
| QPSK                                                                   | 23.5 | 22.1 | 163.3 |
| 16-QAM                                                                 | 23.5 | 22.1 | 163.3 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 8 RB starting at RB 7   |      |      |       |
| QPSK                                                                   | 23.5 | 22.1 | 163.7 |
| 16-QAM                                                                 | 23.5 | 22.2 | 164.4 |
| 3 MHz Bandwidth, Channel 132657 at 1778.5 MHz, 15 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 22.2 | 164.4 |
| 16-QAM                                                                 | 23.5 | 22.2 | 164.1 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 173.8 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.0 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.0 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.0 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.6 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 174.2 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.6 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.4 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 1.4 MHz Bandwidth, Channel 131979 at 1710.7 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                   | 23.5 | 22.4 | 173.8 |
| 16-QAM                                                                 | 23.5 | 22.4 | 174.2 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 169.8 |
| 16-QAM                                                                 | 23.5 | 22.3 | 170.6 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 2   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 170.2 |
| 16-QAM                                                                 | 23.5 | 22.3 | 170.6 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 1 RB starting at RB 5   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 170.6 |
| 16-QAM                                                                 | 23.5 | 22.2 | 167.5 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 3 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 167.9 |
| 16-QAM                                                                 | 23.5 | 22.2 | 167.5 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 3 RB starting at RB 1   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 168.3 |
| 16-QAM                                                                 | 23.5 | 22.3 | 167.9 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 3 RB starting at RB 2   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 168.3 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.4 |
| 1.4 MHz Bandwidth, Channel 132322 at 1745 MHz, 6 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 22.3 | 171.4 |
| 16-QAM                                                                 | 23.5 | 22.3 | 171.4 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 1 RB starting at RB 0 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 157.8 |
| 16-QAM                                                                 | 23.5 | 22.1 | 160.3 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 1 RB starting at RB 2 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.6 |
| 16-QAM                                                                 | 23.5 | 22.0 | 160.0 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 1 RB starting at RB 5 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.6 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.6 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 3 RB starting at RB 0 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.6 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.2 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 3 RB starting at RB 1 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.6 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.6 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 3 RB starting at RB 2 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.2 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.2 |
| 1.4 MHz Bandwidth, Channel 132665 at 1779.3 MHz, 6 RB starting at RB 0 |      |      |       |
| QPSK                                                                   | 23.5 | 22.0 | 159.2 |
| 16-QAM                                                                 | 23.5 | 22.0 | 159.2 |

# OUTPUT POWER LTE BAND 71



|                                                                        |                     |                                                                                             |
|------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|
| EUT: LP35 Monitor/Defibrillator (With Modem)                           |                     | Work Order: PHYS1087                                                                        |
| Serial Number: 49408161 (modem 20256581)                               |                     | Date: 17-Aug-21                                                                             |
| Customer: Stryker                                                      |                     | Temperature: 22.8 °C                                                                        |
| Attendees: None                                                        |                     | Humidity: 49.7% RH                                                                          |
| Project: None                                                          |                     | Barometric Pres.: 1015 mbar                                                                 |
| Tested by: Marcelo Aguayo                                              | Power: 110VAC/60Hz  | Job Site: MN11                                                                              |
| TEST SPECIFICATIONS                                                    |                     |                                                                                             |
| FCC 2.1093:2021                                                        |                     | Test Method                                                                                 |
|                                                                        |                     | IEEE Std 1528:2013                                                                          |
|                                                                        |                     | FCC KDB 865664 D01 v01r04                                                                   |
|                                                                        |                     | FCC KDB 865664 D02 v01r02                                                                   |
|                                                                        |                     | FCC KDB 447498 D01 v06                                                                      |
|                                                                        |                     | KDB 941225 D05 v02r05                                                                       |
| COMMENTS                                                               |                     |                                                                                             |
| None                                                                   |                     |                                                                                             |
| DEVIATIONS FROM TEST STANDARD                                          |                     |                                                                                             |
| None                                                                   |                     |                                                                                             |
| Configuration #                                                        | 10                  | Signature  |
|                                                                        |                     |                                                                                             |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 1 RB starting at RB 0     |                     |                                                                                             |
| QPSK                                                                   | Max Rated Pwr (dBm) | Conducted Pwr (dBm)                                                                         |
| 16-QAM                                                                 | 23.5                | 23.1                                                                                        |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 1 RB starting at RB 49    |                     | 202.8                                                                                       |
| QPSK                                                                   | 23.5                | 23.1                                                                                        |
| 16-QAM                                                                 | 23.5                | 205.6                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 1 RB starting at RB 99    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.1                                                                                        |
| 16-QAM                                                                 | 23.5                | 205.6                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 50 RB starting at RB 0    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 210.4                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 50 RB starting at RB 24   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 208.4                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 50 RB starting at RB 49   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 208.0                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 100 RB starting at RB 0   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 207.5                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 100 RB starting at RB 24  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 207.5                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 100 RB starting at RB 49  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.1                                                                                        |
| 16-QAM                                                                 | 23.5                | 206.1                                                                                       |
| 20 MHz Bandwidth, Channel 133222 at 673 MHz, 100 RB starting at RB 99  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 209.9                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 0   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 209.4                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 49  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 208.9                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 99  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.1                                                                                        |
| 16-QAM                                                                 | 23.5                | 204.2                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 49  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.1                                                                                        |
| 16-QAM                                                                 | 23.5                | 204.2                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 99  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 208.0                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 50 RB starting at RB 0  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 207.5                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 50 RB starting at RB 24 |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 206.5                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 50 RB starting at RB 49 |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 207.5                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 50 RB starting at RB 99 |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 207.5                                                                                       |
| 20 MHz Bandwidth, Channel 133297 at 680.5 MHz, 100 RB starting at RB 0 |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 207.5                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 1 RB starting at RB 0     |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 208.4                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 1 RB starting at RB 49    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.2                                                                                        |
| 16-QAM                                                                 | 23.5                | 208.4                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 1 RB starting at RB 99    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
| 16-QAM                                                                 | 23.5                | 216.3                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 1 RB starting at RB 49    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
| 16-QAM                                                                 | 23.5                | 216.3                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 1 RB starting at RB 99    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 215.3                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 50 RB starting at RB 0    |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 214.8                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 50 RB starting at RB 24   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 214.3                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 50 RB starting at RB 49   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 213.8                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 100 RB starting at RB 0   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 213.3                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 100 RB starting at RB 24  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 222.3                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 100 RB starting at RB 49  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 221.8                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 100 RB starting at RB 99  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
| 16-QAM                                                                 | 23.5                | 220.8                                                                                       |
| 20 MHz Bandwidth, Channel 133372 at 688 MHz, 100 RB starting at RB 0   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
| 16-QAM                                                                 | 23.5                | 219.3                                                                                       |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 1 RB starting at RB 0   |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
| 16-QAM                                                                 | 23.5                | 218.8                                                                                       |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 1 RB starting at RB 37  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
| 16-QAM                                                                 | 23.5                | 218.3                                                                                       |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 1 RB starting at RB 74  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.3                                                                                        |
| 16-QAM                                                                 | 23.5                | 214.3                                                                                       |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 36 RB starting at RB 0  |                     |                                                                                             |
| QPSK                                                                   | 23.5                | 23.4                                                                                        |
|                                                                        | 23.5                | 217.8                                                                                       |
|                                                                        | 23.5                | 217.3                                                                                       |
|                                                                        | 23.5                | 217.3                                                                                       |
|                                                                        | 23.5                | 217.8                                                                                       |
|                                                                        | 23.5                | 222.8                                                                                       |

|                                                                        |      |      |       |
|------------------------------------------------------------------------|------|------|-------|
| 16-QAM                                                                 | 23.5 | 23.5 | 222.3 |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 36 RB starting at RB 18 |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 214.3 |
| 16-QAM                                                                 | 23.5 | 23.3 | 214.8 |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 36 RB starting at RB 37 |      |      |       |
| QPSK                                                                   | 23.5 | 23.0 | 201.4 |
| 16-QAM                                                                 | 23.5 | 23.0 | 200.9 |
| 15 MHz Bandwidth, Channel 133197 at 670.5 MHz, 75 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.0 | 198.6 |
| 16-QAM                                                                 | 23.5 | 23.1 | 202.8 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 23.2 | 209.9 |
| 16-QAM                                                                 | 23.5 | 23.2 | 208.0 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 37  |      |      |       |
| QPSK                                                                   | 23.5 | 23.2 | 207.0 |
| 16-QAM                                                                 | 23.5 | 23.3 | 211.3 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 74  |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 211.3 |
| 16-QAM                                                                 | 23.5 | 23.2 | 210.4 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 36 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.2 | 208.9 |
| 16-QAM                                                                 | 23.5 | 23.3 | 213.3 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 36 RB starting at RB 18 |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 212.8 |
| 16-QAM                                                                 | 23.5 | 23.3 | 211.8 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 36 RB starting at RB 37 |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 211.3 |
| 16-QAM                                                                 | 23.5 | 23.3 | 214.8 |
| 15 MHz Bandwidth, Channel 133297 at 680.5 MHz, 75 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 214.3 |
| 16-QAM                                                                 | 23.5 | 23.3 | 215.8 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 23.4 | 219.8 |
| 16-QAM                                                                 | 23.5 | 23.4 | 218.8 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 1 RB starting at RB 37  |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 225.9 |
| 16-QAM                                                                 | 23.5 | 23.5 | 225.4 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 1 RB starting at RB 74  |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.4 |
| 16-QAM                                                                 | 23.5 | 23.5 | 223.9 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 36 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 222.8 |
| 16-QAM                                                                 | 23.5 | 23.5 | 222.3 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 36 RB starting at RB 18 |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.9 |
| 16-QAM                                                                 | 23.5 | 23.5 | 224.4 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 36 RB starting at RB 37 |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.4 |
| 16-QAM                                                                 | 23.5 | 23.5 | 223.9 |
| 15 MHz Bandwidth, Channel 133397 at 690.5 MHz, 75 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.1 | 204.6 |
| 16-QAM                                                                 | 23.5 | 23.1 | 205.6 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 1 RB starting at RB 0     |      |      |       |
| QPSK                                                                   | 23.5 | 23.2 | 207.0 |
| 16-QAM                                                                 | 23.5 | 23.1 | 205.6 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 1 RB starting at RB 24    |      |      |       |
| QPSK                                                                   | 23.5 | 23.1 | 203.2 |
| 16-QAM                                                                 | 23.5 | 23.1 | 205.6 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 1 RB starting at RB 49    |      |      |       |
| QPSK                                                                   | 23.5 | 23.1 | 204.6 |
| 16-QAM                                                                 | 23.5 | 23.2 | 207.0 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 25 RB starting at RB 0    |      |      |       |
| QPSK                                                                   | 23.5 | 23.1 | 204.6 |
| 16-QAM                                                                 | 23.5 | 23.2 | 208.0 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 25 RB starting at RB 12   |      |      |       |
| QPSK                                                                   | 23.5 | 23.2 | 207.0 |
| 16-QAM                                                                 | 23.5 | 23.2 | 208.4 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 25 RB starting at RB 24   |      |      |       |
| QPSK                                                                   | 23.5 | 23.2 | 208.9 |
| 16-QAM                                                                 | 23.5 | 23.3 | 211.8 |
| 10 MHz Bandwidth, Channel 133172 at 668 MHz, 50 RB starting at RB 0    |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 211.3 |
| 16-QAM                                                                 | 23.5 | 23.3 | 211.3 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 213.8 |
| 16-QAM                                                                 | 23.5 | 23.3 | 213.8 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 213.3 |
| 16-QAM                                                                 | 23.5 | 23.4 | 216.8 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 49  |      |      |       |
| QPSK                                                                   | 23.5 | 23.4 | 216.8 |
| 16-QAM                                                                 | 23.5 | 23.4 | 216.3 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.4 | 216.3 |
| 16-QAM                                                                 | 23.5 | 23.4 | 216.3 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 25 RB starting at RB 12 |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 215.8 |
| 16-QAM                                                                 | 23.5 | 23.3 | 215.8 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 25 RB starting at RB 24 |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 214.8 |
| 16-QAM                                                                 | 23.5 | 23.3 | 214.3 |
| 10 MHz Bandwidth, Channel 133297 at 680.5 MHz, 50 RB starting at RB 0  |      |      |       |
| QPSK                                                                   | 23.5 | 23.3 | 214.3 |
| 16-QAM                                                                 | 23.5 | 23.3 | 213.3 |
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 1 RB starting at RB 0     |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.9 |
| 16-QAM                                                                 | 23.5 | 23.5 | 224.4 |
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 1 RB starting at RB 24    |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.4 |
| 16-QAM                                                                 | 23.5 | 23.5 | 225.4 |
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 1 RB starting at RB 49    |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.4 |
| 16-QAM                                                                 | 23.5 | 23.5 | 223.9 |
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 25 RB starting at RB 0    |      |      |       |
| QPSK                                                                   | 23.5 | 23.5 | 224.4 |
| 16-QAM                                                                 | 23.5 | 23.5 | 223.9 |

|                                                                       |      |      |       |
|-----------------------------------------------------------------------|------|------|-------|
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 25 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.9 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 25 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.4 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 10 MHz Bandwidth, Channel 133422 at 693 MHz, 50 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 222.8 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 214.8 |
| 16-QAM                                                                | 23.5 | 23.3 | 214.8 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 214.8 |
| 16-QAM                                                                | 23.5 | 23.3 | 214.8 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 214.3 |
| 16-QAM                                                                | 23.5 | 23.3 | 214.3 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 214.8 |
| 16-QAM                                                                | 23.5 | 23.3 | 213.8 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 23.3 | 212.8 |
| 16-QAM                                                                | 23.5 | 23.3 | 212.3 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 217.3 |
| 16-QAM                                                                | 23.5 | 23.4 | 216.8 |
| 5 MHz Bandwidth, Channel 133147 at 665.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 217.3 |
| 16-QAM                                                                | 23.5 | 23.4 | 217.8 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 218.8 |
| 16-QAM                                                                | 23.5 | 23.4 | 219.8 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 220.3 |
| 16-QAM                                                                | 23.5 | 23.4 | 219.8 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 220.3 |
| 16-QAM                                                                | 23.5 | 23.4 | 219.8 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 219.8 |
| 16-QAM                                                                | 23.5 | 23.4 | 220.3 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 220.3 |
| 16-QAM                                                                | 23.5 | 23.4 | 220.3 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 23.4 | 220.8 |
| 16-QAM                                                                | 23.5 | 23.5 | 221.3 |
| 5 MHz Bandwidth, Channel 133297 at 680.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 221.3 |
| 16-QAM                                                                | 23.5 | 23.4 | 220.8 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 1 RB starting at RB 0   |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.9 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.9 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 1 RB starting at RB 12  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.4 |
| 16-QAM                                                                | 23.5 | 23.5 | 222.8 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 1 RB starting at RB 24  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 222.8 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 12 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.4 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 12 RB starting at RB 6  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.4 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 12 RB starting at RB 11 |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.4 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |
| 5 MHz Bandwidth, Channel 133447 at 695.5 MHz, 25 RB starting at RB 0  |      |      |       |
| QPSK                                                                  | 23.5 | 23.5 | 223.4 |
| 16-QAM                                                                | 23.5 | 23.5 | 223.4 |

# OUTPUT POWER – WCDMA



|                   |                                         |                        |             |
|-------------------|-----------------------------------------|------------------------|-------------|
| EUT:              | LP35 Monitor/Defibrillator (With Modem) | Work Order:            | PHYS1087    |
| Serial Number:    | 49408161 (modem 20256581)               | Date:                  | 9-Aug-21    |
| Customer:         | Stryker                                 | Room Temperature (°C): | 22.6        |
| Attendees:        | None                                    | Humidity (%RH):        | 58.6        |
| Customer Project: | None                                    | Bar. Pressure (mb):    | 979.2       |
| Tested By:        | Marcelo Aguayo                          | Job Site:              | MN11        |
| Power:            | 110VAC/60Hz                             | Configuration:         | PHYS1087-10 |

## TEST SPECIFICATIONS

| Specification   | Test Method                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| FCC 2.1093:2021 | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 941225 D01 v03r01 |

## COMMENTS

None

## RESULTS - WCDMA BAND II

| Mode   | Subtest   | Uplink Channel | Uplink Frequency (MHz) | MPR (dB) | Max Rated Pwr + MPR (dBm) | Output Power (dBm) | Output Power (mW) |
|--------|-----------|----------------|------------------------|----------|---------------------------|--------------------|-------------------|
| Rel-99 | N/A       | 9262           | 1852.4                 | 0.0      | 25.0                      | 24.1               | 257.0             |
|        |           | 9400           | 1880                   | 0.0      | 25.0                      | 24.1               | 257.0             |
|        |           | 9538           | 1907.6                 | 0.0      | 25.0                      | 24.4               | 275.4             |
| HSDPA  | Subtest 1 | 9262           | 1852.4                 | 0.0      | 25.0                      | 23.1               | 204.2             |
|        |           | 9400           | 1880                   | 0.0      | 25.0                      | 23.1               | 204.2             |
|        |           | 9538           | 1907.6                 | 0.0      | 25.0                      | 23.4               | 218.8             |
|        | Subtest 2 | 9262           | 1852.4                 | 0.0      | 25.0                      | 23.1               | 204.2             |
|        |           | 9400           | 1880                   | 0.0      | 25.0                      | 23.0               | 199.5             |
|        |           | 9538           | 1907.6                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        | Subtest 3 | 9262           | 1852.4                 | 0.5      | 24.5                      | 22.8               | 190.5             |
|        |           | 9400           | 1880                   | 0.5      | 24.5                      | 22.8               | 190.5             |
|        |           | 9538           | 1907.6                 | 0.5      | 24.5                      | 23.1               | 204.2             |
|        | Subtest 4 | 9262           | 1852.4                 | 0.5      | 24.5                      | 22.7               | 186.2             |
|        |           | 9400           | 1880                   | 0.5      | 24.5                      | 22.6               | 182.0             |
|        |           | 9538           | 1907.6                 | 0.5      | 24.5                      | 22.7               | 186.2             |
| HSUPA  | Subtest 1 | 9262           | 1852.4                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 9400           | 1880                   | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 9538           | 1907.6                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        | Subtest 2 | 9262           | 1852.4                 | 2.0      | 23.0                      | 22.6               | 182.0             |
|        |           | 9400           | 1880                   | 2.0      | 23.0                      | 22.4               | 173.8             |
|        |           | 9538           | 1907.6                 | 2.0      | 23.0                      | 22.8               | 190.5             |
|        | Subtest 3 | 9262           | 1852.4                 | 1.0      | 24.0                      | 22.7               | 186.2             |
|        |           | 9400           | 1880                   | 1.0      | 24.0                      | 22.5               | 177.8             |
|        |           | 9538           | 1907.6                 | 1.0      | 24.0                      | 23.2               | 208.9             |
|        | Subtest 4 | 9262           | 1852.4                 | 2.0      | 23.0                      | 23.0               | 199.5             |
|        |           | 9400           | 1880                   | 2.0      | 23.0                      | 22.9               | 199.5             |
|        |           | 9538           | 1907.6                 | 2.0      | 23.0                      | 23.0               | 199.5             |
|        | Subtest 5 | 9262           | 1852.4                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 9400           | 1880                   | 0.0      | 25.0                      | 23.1               | 204.2             |
|        |           | 9538           | 1907.6                 | 0.0      | 25.0                      | 23.3               | 213.8             |

# OUTPUT POWER – WCDMA

## RESULTS - WCDMA BAND IV

| Mode   | Subtest   | Uplink Channel | Uplink Frequency (MHz) | MPR (dB) | Max Rated Pwr + MPR (dBm) | Output Power (dBm) | Output Power (mW) |
|--------|-----------|----------------|------------------------|----------|---------------------------|--------------------|-------------------|
| Rel-99 | N/A       | 1312           | 1712.4                 | 0.0      | 25.0                      | 24.2               | 263.0             |
|        |           | 1413           | 1747.6                 | 0.0      | 25.0                      | 24.4               | 275.4             |
|        |           | 1513           | 1782.6                 | 0.0      | 25.0                      | 24.3               | 269.2             |
| HSDPA  | Subtest 1 | 1312           | 1712.4                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 1413           | 1747.6                 | 0.0      | 25.0                      | 23.3               | 213.8             |
|        |           | 1513           | 1782.6                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        | Subtest 2 | 1312           | 1712.4                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 1413           | 1747.6                 | 0.0      | 25.0                      | 23.3               | 213.8             |
|        |           | 1513           | 1782.6                 | 0.0      | 25.0                      | 23.1               | 204.2             |
|        | Subtest 3 | 1312           | 1712.4                 | 0.5      | 24.5                      | 23.0               | 199.5             |
|        |           | 1413           | 1747.6                 | 0.5      | 24.5                      | 23.2               | 208.9             |
|        |           | 1513           | 1782.6                 | 0.5      | 24.5                      | 23.2               | 208.9             |
|        | Subtest 4 | 1312           | 1712.4                 | 0.5      | 24.5                      | 23.1               | 204.2             |
|        |           | 1413           | 1747.6                 | 0.5      | 24.5                      | 23.1               | 204.2             |
|        |           | 1513           | 1782.6                 | 0.5      | 24.5                      | 23.1               | 204.2             |
| HSUPA  | Subtest 1 | 1312           | 1712.4                 | 0.0      | 25.0                      | 23.8               | 239.9             |
|        |           | 1413           | 1747.6                 | 0.0      | 25.0                      | 24.0               | 251.2             |
|        |           | 1513           | 1782.6                 | 0.0      | 25.0                      | 23.9               | 245.5             |
|        | Subtest 2 | 1312           | 1712.4                 | 2.0      | 23.0                      | 22.4               | 173.8             |
|        |           | 1413           | 1747.6                 | 2.0      | 23.0                      | 22.6               | 182.0             |
|        |           | 1513           | 1782.6                 | 2.0      | 23.0                      | 22.5               | 177.8             |
|        | Subtest 3 | 1312           | 1712.4                 | 1.0      | 24.0                      | 22.5               | 177.8             |
|        |           | 1413           | 1747.6                 | 1.0      | 24.0                      | 22.6               | 182.0             |
|        |           | 1513           | 1782.6                 | 1.0      | 24.0                      | 22.6               | 182.0             |
|        | Subtest 4 | 1312           | 1712.4                 | 2.0      | 23.0                      | 22.9               | 195.0             |
|        |           | 1413           | 1747.6                 | 2.0      | 23.0                      | 23.0               | 199.5             |
|        |           | 1513           | 1782.6                 | 2.0      | 23.0                      | 23.0               | 199.5             |
|        | Subtest 5 | 1312           | 1712.4                 | 0.0      | 25.0                      | 23.0               | 199.5             |
|        |           | 1413           | 1747.6                 | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 1513           | 1782.6                 | 0.0      | 25.0                      | 23.1               | 204.2             |

# OUTPUT POWER – WCDMA

## RESULTS - WCDMA BAND V

| Mode   | Subtest   | Uplink Channel | Uplink Frequency (MHz) | MPR (dB) | Max Rated Pwr + MPR (dBm) | Output Power (dBm) | Output Power (mW) |
|--------|-----------|----------------|------------------------|----------|---------------------------|--------------------|-------------------|
| Rel-99 | N/A       | 4132           | 826.4                  | 0.0      | 25.0                      | 23.8               | 239.9             |
|        |           | 4183           | 836.6                  | 0.0      | 25.0                      | 23.7               | 234.4             |
|        |           | 4233           | 846.6                  | 0.0      | 25.0                      | 23.8               | 239.9             |
| HSDPA  | Subtest 1 | 4132           | 826.4                  | 0.0      | 25.0                      | 23.4               | 218.8             |
|        |           | 4183           | 836.6                  | 0.0      | 25.0                      | 23.3               | 213.8             |
|        |           | 4233           | 846.6                  | 0.0      | 25.0                      | 23.3               | 213.8             |
|        | Subtest 2 | 4132           | 826.4                  | 0.0      | 25.0                      | 23.3               | 213.8             |
|        |           | 4183           | 836.6                  | 0.0      | 25.0                      | 23.4               | 218.8             |
|        |           | 4233           | 846.6                  | 0.0      | 25.0                      | 23.5               | 223.9             |
|        | Subtest 3 | 4132           | 826.4                  | 0.5      | 24.5                      | 22.8               | 190.5             |
|        |           | 4183           | 836.6                  | 0.5      | 24.5                      | 22.7               | 186.2             |
|        |           | 4233           | 846.6                  | 0.5      | 24.5                      | 22.8               | 190.5             |
|        | Subtest 4 | 4132           | 826.4                  | 0.5      | 24.5                      | 22.7               | 186.2             |
|        |           | 4183           | 836.6                  | 0.5      | 24.5                      | 22.6               | 182.0             |
|        |           | 4233           | 846.6                  | 0.5      | 24.5                      | 22.8               | 190.5             |
| HSUPA  | Subtest 1 | 4132           | 826.4                  | 0.0      | 25.0                      | 23.7               | 234.4             |
|        |           | 4183           | 836.6                  | 0.0      | 25.0                      | 23.4               | 218.8             |
|        |           | 4233           | 846.6                  | 0.0      | 25.0                      | 23.6               | 229.1             |
|        | Subtest 2 | 4132           | 826.4                  | 2.0      | 23.0                      | 22.3               | 169.8             |
|        |           | 4183           | 836.6                  | 2.0      | 23.0                      | 22.2               | 166.0             |
|        |           | 4233           | 846.6                  | 2.0      | 23.0                      | 22.4               | 173.8             |
|        | Subtest 3 | 4132           | 826.4                  | 1.0      | 24.0                      | 22.5               | 177.8             |
|        |           | 4183           | 836.6                  | 1.0      | 24.0                      | 22.5               | 177.8             |
|        |           | 4233           | 846.6                  | 1.0      | 24.0                      | 22.5               | 177.8             |
|        | Subtest 4 | 4132           | 826.4                  | 2.0      | 23.0                      | 23.0               | 199.5             |
|        |           | 4183           | 836.6                  | 2.0      | 23.0                      | 23.0               | 199.5             |
|        |           | 4233           | 846.6                  | 2.0      | 23.0                      | 22.9               | 195.0             |
|        | Subtest 5 | 4132           | 826.4                  | 0.0      | 25.0                      | 23.2               | 208.9             |
|        |           | 4183           | 836.6                  | 0.0      | 25.0                      | 23.1               | 204.2             |
|        |           | 4233           | 846.6                  | 0.0      | 25.0                      | 23.2               | 208.9             |

# OUTPUT POWER – Wi-Fi



|                   |                                         |                        |             |
|-------------------|-----------------------------------------|------------------------|-------------|
| EUT:              | LP35 Monitor/Defibrillator (With Modem) | Work Order:            | PHYS1087    |
| Serial Number:    | 20256581                                | Date:                  | 9-Aug-21    |
| Customer:         | Stryker                                 | Room Temperature (°C): | 22.6        |
| Attendees:        | None                                    | Humidity (%RH):        | 58.6        |
| Customer Project: | None                                    | Bar. Pressure (mb):    | 979.2       |
| Tested By:        | Marcelo Aguayo                          | Job Site:              | MN11        |
| Power:            | 110VAC/60Hz                             | Configuration:         | PHYS1087-10 |

## TEST SPECIFICATIONS

| Specification   | Test Method                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| FCC 2.1093:2021 | IEEE Std 1528:2013<br>FCC KDB 865664 D01 v01r04<br>FCC KDB 865664 D02 v01r02<br>FCC KDB 447498 D01 v06<br>KDB 248227 D01 v02r02 |

## COMMENTS

None

## RESULTS - 2.4 GHz ISM

| Radio and Band    | Channel | Frequency (MHz) | Protocol | Data Rate            | Modulation | Software Power Setting | Max Rated Power (dBm) | Output Power (dBm) | Output Power (mW) |
|-------------------|---------|-----------------|----------|----------------------|------------|------------------------|-----------------------|--------------------|-------------------|
| Wi-Fi 2.4 GHz ISM | 1       | 2412            | 802.11b  | 1 Mbps               | DSSS       | 17.3                   | 16                    | 15.5               | 35.6              |
|                   |         |                 |          | 11 Mbps              | DSSS       | 17.3                   | 16                    | 15.4               | 34.7              |
|                   |         |                 | 802.11g  | 6 Mbps               | OFDM       | 17.1                   | 12                    | 10.8               | 12.1              |
|                   |         |                 |          | 54 Mbps              | OFDM       | 13.8                   | 12                    | 11.0               | 12.6              |
|                   |         |                 | 802.11n  | MCS0 20 MHz          | OFDM       | 16.1                   | 12                    | 10.8               | 12.1              |
|                   |         |                 |          | MCS7 20 MHz          | OFDM       | 12.6                   | 12                    | 11.1               | 12.9              |
|                   |         |                 |          | MCS12 20 MHz Chain A | OFDM       | 18.5                   | N/A                   | 13.7               | 23.3              |
|                   |         |                 |          | MCS12 20 MHz Chain B | OFDM       |                        | N/A                   | 11.3               | 13.4              |
|                   |         |                 |          | MCS12 20 MHz Sum     | OFDM       |                        | 16.5                  | 15.6               | 36.7              |
|                   |         |                 |          | MCS15 20 MHz Chain A | OFDM       | 13.4                   | N/A                   | 11.0               | 12.5              |
|                   |         |                 |          | MCS15 20 MHz Chain B | OFDM       |                        | N/A                   | 8.8                | 7.5               |
|                   |         |                 |          | MCS15 20 MHz Sum     | OFDM       |                        | 13.4                  | 13.0               | 20.1              |
|                   | 6       | 2437            | 802.11b  | 1 Mbps               | DSSS       | 17.3                   | 16                    | 15.8               | 37.6              |
|                   |         |                 |          | 11 Mbps              | DSSS       | 17.3                   | 16                    | 15.6               | 36.1              |
|                   |         |                 | 802.11g  | 6 Mbps               | OFDM       | 17.1                   | 16.5                  | 15.4               | 34.5              |
|                   |         |                 |          | 54 Mbps              | OFDM       | 13.8                   | 13.8                  | 12.5               | 17.9              |
|                   |         |                 | 802.11n  | MCS0 20 MHz          | OFDM       | 16.1                   | 16.1                  | 14.9               | 30.9              |
|                   |         |                 |          | MCS7 20 MHz          | OFDM       | 12.6                   | 12.6                  | 11.7               | 14.9              |
|                   |         |                 |          | MCS12 20 MHz Chain A | OFDM       | 18.5                   | N/A                   | 14.4               | 27.5              |
|                   |         |                 |          | MCS12 20 MHz Chain B | OFDM       |                        | N/A                   | 12.2               | 16.6              |
|                   |         |                 |          | MCS12 20 MHz Sum     | OFDM       |                        | 16.5                  | 16.4               | 44.1              |
|                   |         |                 |          | MCS15 20 MHz Chain A | OFDM       | 13.4                   | N/A                   | 11.4               | 13.6              |
|                   |         |                 |          | MCS15 20 MHz Chain B | OFDM       |                        | N/A                   | 8.9                | 7.8               |
|                   |         |                 |          | MCS15 20 MHz Sum     | OFDM       |                        | 13.4                  | 13.3               | 21.4              |
|                   | 11      | 2462            | 802.11b  | 1 Mbps               | DSSS       | 17.3                   | 16                    | 16.0               | 39.4              |
|                   |         |                 |          | 11 Mbps              | DSSS       | 17.3                   | 16                    | 16.0               | 39.5              |
|                   |         |                 | 802.11g  | 6 Mbps               | OFDM       | 17.1                   | 12                    | 11.3               | 13.5              |
|                   |         |                 |          | 54 Mbps              | OFDM       | 13.8                   | 12                    | 11.4               | 13.6              |
|                   |         |                 | 802.11n  | MCS0 20 MHz          | OFDM       | 16.1                   | 12                    | 11.4               | 13.7              |
|                   |         |                 |          | MCS7 20 MHz          | OFDM       | 12.6                   | 12                    | 11.2               | 13.2              |
|                   |         |                 |          | MCS12 20 MHz Chain A | OFDM       | 18.5                   | N/A                   | 13.8               | 24.0              |
|                   |         |                 |          | MCS12 20 MHz Chain B | OFDM       |                        | N/A                   | 11.2               | 13.1              |
|                   |         |                 |          | MCS12 20 MHz Sum     | OFDM       |                        | 16.5                  | 15.7               | 37.1              |
|                   |         |                 |          | MCS15 20 MHz Chain A | OFDM       | 13.4                   | N/A                   | 11.3               | 13.4              |
|                   |         |                 |          | MCS15 20 MHz Chain B | OFDM       |                        | N/A                   | 8.6                | 7.3               |
|                   |         |                 |          | MCS15 20 MHz Sum     | OFDM       |                        | 13.4                  | 13.2               | 20.7              |

# OUTPUT POWER – Wi-Fi

## RESULTS - 5 GHz U-NII

| Radio and Band | Channel | Frequency (MHz) | Protocol | Data Rate   | Modulation | Software Power Setting | Max Rated Power (dBm) | Output Power (dBm) | Output Power (mW) |
|----------------|---------|-----------------|----------|-------------|------------|------------------------|-----------------------|--------------------|-------------------|
| Wi-Fi U-NII-1  | 36      | 5180            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16                    | 14.5               | 28.2              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  | 13.5               | 22.4              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16                    | 14.5               | 28.1              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 12.7               | 18.5              |
|                | 38      | 5190            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 11                    | 9.9                | 9.8               |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 11                    | 9.9                | 9.9               |
|                | 40      | 5200            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16                    | 14.4               | 27.3              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  | 13.5               | 22.3              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16                    | 14.7               | 29.6              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 12.7               | 18.7              |
|                | 44      | 5220            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16                    | 14.4               | 27.5              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  | 13.4               | 21.9              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16                    | 14.4               | 27.8              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 12.6               | 18.0              |
|                | 46      | 5230            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 15                    | 13.8               | 23.9              |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    | 11.6               | 14.3              |
|                | 48      | 5240            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 16                    | 14.2               | 26.5              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 14.5                  | 13.5               | 22.2              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 16                    | 14.4               | 27.5              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 12.5               | 17.9              |
| Wi-Fi U-NII-2A | 52      | 5260            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 13                    | 11.3               | 13.4              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 13                    | 11.0               | 12.4              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 13                    | 11.6               | 14.3              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 11.2               | 13.2              |
|                | 54      | 5270            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 14                    | 11.8               | 15.1              |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 12                    | 10.9               | 12.2              |
|                | 56      | 5280            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 13                    | 11.3               | 13.4              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 13                    | 11.1               | 12.9              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 13                    | 11.6               | 14.5              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 10.9               | 12.2              |
|                | 60      | 5300            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 13                    | 11.7               | 14.8              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 13                    | 12.0               | 15.9              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 13                    | 11.9               | 15.6              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 12.2               | 16.4              |
|                | 62      | 5310            | 802.11n  | MCS0 40 MHz | OFDM       | 16.5                   | 11                    | 9.9                | 9.8               |
|                |         |                 |          | MCS7 40 MHz | OFDM       | 12                     | 11                    | 10.7               | 11.6              |
|                | 64      | 5320            | 802.11a  | 6 Mbps      | OFDM       | 18                     | 13                    | 11.8               | 15.2              |
|                |         |                 |          | 54 Mbps     | OFDM       | 14.5                   | 13                    | 12.8               | 18.9              |
|                |         |                 | 802.11n  | MCS0 20 MHz | OFDM       | 18                     | 13                    | 12.1               | 16.2              |
|                |         |                 |          | MCS7 20 MHz | OFDM       | 13                     | 13                    | 12.8               | 19.0              |

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|                   |     |      |         |             |      |      |      |      |      |
|-------------------|-----|------|---------|-------------|------|------|------|------|------|
| Wi-Fi<br>U-NII-2C | 100 | 5500 | 802.11a | 6 Mbps      | OFDM | 18   | 15   | 12.5 | 17.7 |
|                   |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 | 11.8 | 15.1 |
|                   |     |      | 802.11n | MCS0 20 MHz | OFDM | 18   | 15   | 12.5 | 17.6 |
|                   |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   | 10.4 | 10.9 |
|                   | 102 | 5510 | 802.11n | MCS0 40 MHz | OFDM | 16.5 | 13   | 10.6 | 11.4 |
|                   |     |      |         | MCS7 40 MHz | OFDM | 12   | 12   | 10.0 | 9.9  |
|                   | 110 | 5550 | 802.11n | MCS0 40 MHz | OFDM | 16.5 | 15   | 12.6 | 18.1 |
|                   |     |      |         | MCS7 40 MHz | OFDM | 12   | 12   | 10.8 | 12.1 |
|                   | 116 | 5580 | 802.11a | 6 Mbps      | OFDM | 18   | 15   | 13.4 | 21.6 |
|                   |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 | 12.2 | 16.6 |
|                   |     |      | 802.11n | MCS0 20 MHz | OFDM | 18   | 15   | 13.5 | 22.5 |
|                   |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   | 11.1 | 12.8 |
|                   | 134 | 5670 | 802.11n | MCS0 40 MHz | OFDM | 16.5 | 14   | 11.6 | 14.4 |
|                   |     |      |         | MCS7 40 MHz | OFDM | 12   | 12   | 11.1 | 12.9 |
|                   | 140 | 5700 | 802.11a | 6 Mbps      | OFDM | 18   | 13   | 10.6 | 11.4 |
|                   |     |      |         | 54 Mbps     | OFDM | 14.5 | 13   | 10.8 | 12.0 |
|                   |     |      | 802.11n | MCS0 20 MHz | OFDM | 18   | 13   | 10.7 | 11.9 |
|                   |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   | 11.2 | 13.3 |
| Wi-Fi<br>U-NII-3  | 149 | 5745 | 802.11a | 6 Mbps      | OFDM | 18   | 11   | 10.5 | 11.3 |
|                   |     |      |         | 54 Mbps     | OFDM | 14.5 | 11   | 11.2 | 13.2 |
|                   |     |      | 802.11n | MCS0 20 MHz | OFDM | 18   | 11   | 11.1 | 12.9 |
|                   |     |      |         | MCS7 20 MHz | OFDM | 13   | 11   | 11.4 | 13.7 |
|                   | 151 | 5755 | 802.11n | MCS0 40 MHz | OFDM | 16.5 | 9    | 8.1  | 6.5  |
|                   |     |      |         | MCS7 40 MHz | OFDM | 12   | 9    | 8.5  | 7.0  |
|                   | 157 | 5785 | 802.11a | 6 Mbps      | OFDM | 18   | 16.5 | 15.7 | 36.8 |
|                   |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 | 12.5 | 17.7 |
|                   |     |      | 802.11n | MCS0 20 MHz | OFDM | 18   | 16.5 | 15.4 | 34.8 |
|                   |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   | 11.4 | 13.9 |
|                   | 159 | 5795 | 802.11n | MCS0 40 MHz | OFDM | 16.5 | 15   | 12.4 | 17.4 |
|                   |     |      |         | MCS7 40 MHz | OFDM | 12   | 12   | 10.4 | 11.0 |
|                   | 165 | 5825 | 802.11a | 6 Mbps      | OFDM | 18   | 15   | 13.0 | 20.0 |
|                   |     |      |         | 54 Mbps     | OFDM | 14.5 | 14.5 | 12.9 | 19.4 |
|                   |     |      | 802.11n | MCS0 20 MHz | OFDM | 18   | 15   | 12.5 | 17.7 |
|                   |     |      |         | MCS7 20 MHz | OFDM | 13   | 13   | 11.7 | 14.8 |