



# TEST REPORT

REPORT NUMBER: 24B02W000037-001  
ON

Type of Equipment: 5G CPE  
Type of Designation: PW550+,PW550, PW550 Plus, PW550 Pro,JW515,  
PW550-NA  
Brand Name: ATEL  
Manufacturer: Asiatelco Technologies Co.  
FCC ID: XYO-PW550NA

ACCORDING TO  
FCC 47 CFR Part 2  
FCC 47 CFR Part 90  
ANSI C63.26-2015

Chongqing Academy of Information and Communications Technology

*Month date, year*  
Sep.29, 2024

*Signature*



Jin Zhou

Director

Note:

The test results in this test report relate only to the devices specified in this report.  
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Chongqing Academy of Information and Communications Technology.



**Report No.: 24B02W000037-001**

**Revision Version**

| <b>Report Number</b> | <b>Revision</b> | <b>Date</b> |
|----------------------|-----------------|-------------|
| 24B02W000037-001     | 00              | 2024-09-29  |

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## 1. Test Laboratory

### 1.1. Testing Location

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Name:               | Chongqing Academy of Information and Communications Technology                            |
| Designation Number: | CN1239                                                                                    |
| Address:            | No.19EastRoad,Xiantao Big-data Valley,Yubei District,Chongqing,People's Republic of China |
| Postal Code:        | 401336                                                                                    |
| Telephone:          | 0086-23-88069965                                                                          |
| Fax:                | 0086-23-88608777                                                                          |

### 1.2. Testing Environment

|                     |         |
|---------------------|---------|
| Normal Temperature: | 15-35°C |
| Relative Humidity:  | 30-70%  |

### 1.3. Project data

|                     |            |
|---------------------|------------|
| Testing Start Date: | 2024-08-27 |
| Testing End Date:   | 2024-09-18 |

### 1.4. Signature

|                                                                                     |            |
|-------------------------------------------------------------------------------------|------------|
|  | 2024-09-29 |
| <b>Junxin Dong</b><br>(Prepared this test report)                                   | Date       |
|  | 2024-09-29 |
| <b>Lili Wang</b><br>(Reviewed this test report)                                     | Date       |
|  | 2024-09-29 |
| <b>Jin Zhou</b><br>Director of the laboratory<br>(Approved this test report)        | Date       |

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## 2. Client Information

### 2.1. Applicant Information

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Company Name:   | Asiatelco Technologies Co.                                                           |
| Address /Post:  | #68 HuaTuo Road, Building-8, Zhangjiang Hi-Tech Park, Pudong, Shanghai 201204, China |
| City:           | Shanghai                                                                             |
| Country:        | China                                                                                |
| Telephone:      | N/A                                                                                  |
| Fax:            | N/A                                                                                  |
| Email:          | xsfeng@asiatelco.com                                                                 |
| Contact Person: | xiaosheng.feng                                                                       |

### 2.2. Manufacturer Information

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Company Name:   | Asiatelco Technologies Co.                                                           |
| Address /Post:  | #68 HuaTuo Road, Building-8, Zhangjiang Hi-Tech Park, Pudong, Shanghai 201204, China |
| City:           | Shanghai                                                                             |
| Country:        | China                                                                                |
| Telephone:      | N/A                                                                                  |
| Fax:            | N/A                                                                                  |
| Email:          | xsfeng@asiatelco.com                                                                 |
| Contact Person: | xiaosheng.feng                                                                       |

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### 3. Equipment under Test (EUT) and Ancillary Equipment (AE)

#### 3.1. About EUT

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| EUT Description           | 5G CPE                                              |
| Model name                | PW550+,PW550, PW550 Plus, PW550 Pro,JW515, PW550-NA |
| Brand name                | ATEL                                                |
| WCDMA Frequency Band      | WCDMA Band II/IV/V                                  |
| LTE Frequency Band        | LTE:B2/4/5/7/12/13/14/17/25/26/30/41/48/66/71       |
| Type of LTE modulation    | QPSK/16QAM/64QAM/256QAM                             |
| Power Class 2             | LTE:B41                                             |
| Power Class 3             | LTE: B2/4/5/7/12/13/14/17/25/26/30/48/66/71         |
| Extreme Temperature       | -20/+60°C                                           |
| Nominal Test Voltage      | 24V                                                 |
| Extreme Test High Voltage | 25.2V                                               |
| Extreme Test Low Voltage  | 22.8V                                               |

Note1: Photographs of EUT are shown in ANNEX A of this test report.

Note2: High and low voltage values in extreme condition test are given by manufacturer.

#### 3.2. Internal Identification of EUT used during the test

| EUT ID*         | SN or IMEI      | HW Version | SW Version              | Date of receipt |
|-----------------|-----------------|------------|-------------------------|-----------------|
| 24B02W000037#S1 | N/A             | PW55-P1    | CPE5_PW550_N0_00_v1.0.2 | 2024-08-26      |
| 24B02W000037#S2 | 862424050281897 | PW55-P1    | CPE5_PW550_N0_00_v1.0.2 | 2024-08-26      |

\*EUT ID: is used to identify the test sample in the lab internally.

#### 3.3. Outline of Equipment under Test

| Technology | Band | UL Freq.(MHz) | DL Freq.(MHz) | Note |
|------------|------|---------------|---------------|------|
| 4G         | 14   | 788-798       | 758-768       | --   |
| 4G         | 26   | 814-824       | 859-869       | --   |

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| Band                    | BW (MHz) | Low Channel | Low Freq. (MHz) | Mid Channel | Mid Freq. (MHz) | High Channel | High Freq. (MHz) |
|-------------------------|----------|-------------|-----------------|-------------|-----------------|--------------|------------------|
| Band 14<br>(788-798MHz) | 5        | 23305       | 790.5           | 23330       | 793             | 23355        | 795.5            |
|                         | 10       | 23330       | 793             | 23330       | 793             | 23330        | 793              |
| Band 26<br>(814-824MHz) | 1.4      | 26697       | 814.7           | 26740       | 819             | 26783        | 823.3            |
|                         | 3        | 26705       | 815.5           | 26740       | 819             | 26775        | 822.5            |
|                         | 5        | 26715       | 816.5           | 26740       | 819             | 26765        | 821.5            |
|                         | 10       | /           | /               | 26740       | 819             | /            | /                |

| No. | Maximum of Antenna Gain | Data     |
|-----|-------------------------|----------|
| 1   | LTE band 14             | 0.43 dBi |
| 2   | LTE band 26             | 1.56 dBi |

Note: The data of antenna gain is provided by the customer may affect the validity of the test results in this report, and the impact and consequences of this shall be undertaken by the customer.

### 3.4. Internal Identification of AE used during the test

| AE ID*           | Description | Model | SN/Remark |
|------------------|-------------|-------|-----------|
| 24B02W000037#AE1 | RF Cable    | N/A   | N/A       |

NOTE1: AE ID is the internal identification code of the laboratory.

\*AE ID: is used to identify the test sample in the lab internally.

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## 4. Reference Documents

### 4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

### 4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

| Reference                                             | Title                                                                                                           | Version |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------|
| FCC 47 CFR Part 2                                     | Frequency Allocations And Radio Treaty Matters; General Rules And Regulations                                   | --      |
| FCC 47 CFR Part 90                                    | Private Land Mobile Radio Services                                                                              | --      |
| ANSI C63.26                                           | American National Standard Of Procedures For Compliance Testing Of Licensed Transmitters Used In Licensed Radio | 2015    |
| KDB 971168 D01                                        | Measurement Guidance For Certification Of Licensed Digital Transmitters                                         | v03r01  |
| Note: KDB 971168 D01 has not been accredited by A2LA. |                                                                                                                 |         |

## 5. Test Equipments Utilized

### 5.1. RF Test System

| No. | Equipment                            | Model  | SN     | HW Version | SW Version | Manufacturer | Cal. Interval | Cal.Due Date |
|-----|--------------------------------------|--------|--------|------------|------------|--------------|---------------|--------------|
| 1   | Universal Radio Communication Tester | CMW500 | 152395 | --         | --         | R&S          | 1 Year        | 2025-06-28   |
| 2   | Splitter                             | --     | --     | --         | --         | --           | --            | --           |

### 5.2. RSE Test System

| No. | Equipment                            | Model     | SN       | HW Version | SW Version | Manufacturer | Cal.Due Date |
|-----|--------------------------------------|-----------|----------|------------|------------|--------------|--------------|
| 1   | EMI Test Receiver                    | ESU40     | 100350   | 01         | 4.43 SP3   | R&S          | 2025-06-28   |
| 2   | TRILOG Broadband Antenna             | VULB9163  | 9163-586 | --         | --         | Schwarzbeck  | 2024-10-28   |
| 3   | Horn antenna                         | 9120D     | 1083     | --         | --         | Schwarzbeck  | 2024-12-14   |
| 4   | Horn antenna                         | DATE 1152 | LM7127   | --         | --         | ETS          | 2026-09-30   |
| 5   | Horn antenna                         | DATE 1012 | LM5945   | --         | --         | ETS          | 2026-09-30   |
| 6   | Amplifier1                           | SCU-08F1  | 8320027  | --         | --         | R&S          | 2025-06-28   |
| 7   | Amplifier2                           | SCU-18F   | 180093   | --         | --         | R&S          | 2025-06-28   |
| 8   | Universal Radio Communication Tester | CMW500    | 128181   | --         | --         | R&S          | 2025-06-28   |

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### 5.3. Climate Chamber

| No. | Name | Type | SN | HW Version | SW Version | Manufacture | Cal. Interval | Cal.Due Date |
|-----|------|------|----|------------|------------|-------------|---------------|--------------|
| --  | --   | --   | -- | --         | --         | --          | --            | --           |

### 5.4. Anechoic chamber Vibration table

| No. | Name                   | Type   | SN | HW Version | SW Version | Manufacture | Cal. Interval | Cal.Due Date |
|-----|------------------------|--------|----|------------|------------|-------------|---------------|--------------|
| 1   | Fully-Anechoic Chamber | FAC 5  | -- | --         | --         | TDK         | 5 Year        | 2026-07-29   |
| 2   | Anechoic Chamber       | SAC 10 | -- | --         | --         | TDK         | 5 Year        | 2026-07-26   |

### 5.5. Test software

| No. | Name     | version   | SN | Manufacture                                             |
|-----|----------|-----------|----|---------------------------------------------------------|
| 1   | EMC32    | V9.26.01  | -- | R&S                                                     |
| 2   | EMC 32   | V10.20.01 | -- | R&S                                                     |
| 3   | T-RFS500 | V2.0      | -- | Manufacturer:Beijing Zhiwang Xince Technology Co., Ltd. |

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## 6. Test Results

### 6.1. Summary of Test Results

A brief summary of the tests carried out is shown as following.

LTE Band 14

| FCC Rules                  | Name of Test                | Result                                                                 |
|----------------------------|-----------------------------|------------------------------------------------------------------------|
| 2.1046/90.542(a)(7)        | Output Power and EIRP/ERP   | PASS                                                                   |
| 2.1053/90.543(e)/90.543(f) | Emission Limit              | PASS                                                                   |
| 2.1055/90.539              | Frequency Stability         | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 2.1049                     | Occupied Bandwidth          | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 90.209(b)                  | Emission Bandwidth          | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 2.1051/90.543(e)/90.543(f) | Band Edge Compliance        | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 2.1051/90.543(e)/90.543(f) | Conducted Spurious Emission | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| N/A                        | Peak to Average Power Ratio | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |

LTE Band 26(Part 90)

| FCC Rules        | Name of Test              | Result                                                                 |
|------------------|---------------------------|------------------------------------------------------------------------|
| 2.1046/90.635(b) | Output Power and EIRP/ERP | PASS                                                                   |
| 2.1053/90.691    | Emission Limit            | PASS                                                                   |
| 2.1055/90.213(a) | Frequency Stability       | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 2.1049           | Occupied Bandwidth        | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 90.209 (b)       | 26dB Emission Bandwidth   | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |

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|               |                             |                                                                        |
|---------------|-----------------------------|------------------------------------------------------------------------|
| 2.1051/90.691 | Band Edge Compliance        | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| 2.1051/90.691 | Conducted Spurious Emission | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |
| N/A           | Peak to Average Power Ratio | Refer to report<br>(Report No: SAR/2021/4000901,<br>SUZR/2021/7002001) |

**Note:**

The PW550+,PW550, PW550 Plus, PW550 Pro,JW515, PW550-NA manufactured by Asiatelco Technologies Co. is a new product for testing.

The RF module inside the product have been certified, FCC ID: ZMOFG360NA. certified on 2022-12-12, Only RF output power, Radiated Spurious Emission is tested for 5G CPE model PW550+,PW550, PW550 Plus, PW550 Pro,JW515, PW550-NA in this report.Other test items refer to the FG360-NA Module report (Report No.: SAR/2021/4000901 and SUZR/2021/7002001, FCC ID: ZMOFG360NA).

Chongqing Academy of Information and Communication Technology only performed test cases which identified with Pass/Fail/Inc result in section 6.1.

Chongqing Academy of Information and Communication Technology has verified that the compliance of the tested device specified in section 3.1 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 6 of this test report.

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## 6.2. Output Power and EIRP/ERP

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| <b>Specifications:</b>    | FCC Part 2.1046//90.635(b)/90.542(a)(7)                                               |
| <b>DUT Serial Number:</b> | 24B02W000037#S1                                                                       |
| <b>Test conditions:</b>   | Ambient Temperature:15°C-35°C<br>Relative Humidity:30%-60%<br>Air pressure: 86-106kPa |
| <b>Test Results:</b>      | Pass                                                                                  |

### 6.2.1. Measurement Limit

FCC §90.635(b) The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).

FCC §90.542(a)(7) Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

### 6.2.2. Method of Measurements

Method of measurements please refer to KDB971168 D01 v03 clause 5.

The EUT was set up for the max output power with pseudo random data modulation.

The power was measured with Comprehensive test instrument.

These measurements were done at 3 frequencies.(bottom, middle and top of operational frequency range).

1. The transmitter output port was connected to base station.
2. Set the EUT at maximum power through base station.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record maximum average power for other modulation signal.
5. During the process of testing, the EUT was controlled Comprehensive test instrument.
6. Communication tester to ensure max power transmission and proper modulation.
7. This result contains output power and EIRP measurements for the EUT. In all cases, output power is within the specified limits.

$EIRP = \text{Conducted power} + \text{Gain}$ ,  $ERP = EIRP - 2.15\text{dBi}$ .

### 6.2.3. Test procedures

The transmitter output power was connected to calibrated attenuator, the other end of which was connected to signal analyzer. Transmitter output power was read off the power in dBm. The power outputs at the transmitter antenna port was determined by adding the value of attenuator to the signal analyzer reading.

### 6.2.4. Measurement Uncertainty

|                      |             |
|----------------------|-------------|
| Expanded Uncertainty | 0.6dB (k=2) |
|----------------------|-------------|

### 6.2.5. Test Setup



### 6.2.6. Test result

| Band  | Frequency (MHz) | Band Width | RB size/offset | Power (dBm)-QPSK | Power (dBm)-16QAM | Power (dBm)-64QAM | Power (dBm)-256QAM |
|-------|-----------------|------------|----------------|------------------|-------------------|-------------------|--------------------|
| FDD14 | 790.5           | 5          | One Rb High    | 22.57            | 21.63             | 20.68             | 18.31              |
| FDD14 | 790.5           | 5          | One Rb Low     | 22.59            | 21.61             | 20.7              | 18.21              |
| FDD14 | 790.5           | 5          | One Rb Middle  | 22.57            | 21.6              | 20.68             | 18.3               |
| FDD14 | 790.5           | 5          | Half Rb Low    | 21.43            | 20.64             | 19.58             | 17.87              |
| FDD14 | 790.5           | 5          | Half Rb Middle | 21.44            | 20.64             | 19.58             | 17.86              |
| FDD14 | 790.5           | 5          | Half Rb High   | 21.51            | 20.71             | 19.65             | 17.94              |
| FDD14 | 790.5           | 5          | Fullrb         | 21.48            | 20.71             | 19.69             | 17.89              |
| FDD14 | 793             | 10         | One Rb High    | 22.55            | 22.26             | 21.06             | 18.31              |
| FDD14 | 793             | 10         | One Rb Low     | 22.54            | 22.24             | 20.94             | 18.21              |
| FDD14 | 793             | 10         | One Rb Middle  | 22.57            | 22.27             | 20.98             | 18.28              |
| FDD14 | 793             | 10         | Half Rb Low    | 21.42            | 20.66             | 19.65             | 17.83              |
| FDD14 | 793             | 10         | Half Rb Middle | 21.43            | 20.66             | 19.63             | 17.83              |
| FDD14 | 793             | 10         | Half Rb High   | 21.5             | 20.79             | 19.77             | 17.91              |
| FDD14 | 793             | 10         | Fullrb         | 21.48            | 20.69             | 19.7              | 17.84              |
| FDD14 | 793             | 5          | One Rb High    | 22.69            | 21.64             | 20.69             | 17.59              |
| FDD14 | 793             | 5          | One Rb Low     | 22.69            | 21.64             | 20.71             | 17.61              |
| FDD14 | 793             | 5          | One Rb Middle  | 22.65            | 21.61             | 20.69             | 17.61              |
| FDD14 | 793             | 5          | Half Rb Low    | 21.47            | 20.65             | 19.61             | 17.79              |
| FDD14 | 793             | 5          | Half Rb Middle | 21.47            | 20.64             | 19.6              | 17.8               |
| FDD14 | 793             | 5          | Half Rb High   | 21.47            | 20.7              | 19.63             | 17.87              |
| FDD14 | 793             | 5          | Fullrb         | 21.47            | 20.71             | 19.7              | 17.88              |
| FDD14 | 793             | 10         | One Rb High    | 22.59            | 22.28             | 21.06             | 18.32              |
| FDD14 | 793             | 10         | One Rb Low     | 22.59            | 22.22             | 20.93             | 18.21              |
| FDD14 | 793             | 10         | One Rb Middle  | 22.56            | 22.28             | 21.02             | 18.3               |
| FDD14 | 793             | 10         | Half Rb Low    | 21.42            | 20.67             | 19.65             | 17.82              |
| FDD14 | 793             | 10         | Half Rb Middle | 21.42            | 20.68             | 19.65             | 17.82              |

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| Band            | Frequency (MHz) | Band Width | RB size/offset | Power (dBm)-QPSK | Power (dBm)-16QAM | Power (dBm)-64QAM | Power (dBm)-256QAM |
|-----------------|-----------------|------------|----------------|------------------|-------------------|-------------------|--------------------|
| FDD14           | 793             | 10         | Half Rb High   | 21.51            | 20.79             | 19.75             | 17.93              |
| FDD14           | 793             | 10         | Fullrb         | 21.49            | 20.68             | 19.71             | 17.84              |
| FDD14           | 795.5           | 5          | One Rb High    | 22.58            | 22.06             | 20.95             | 18.13              |
| FDD14           | 795.5           | 5          | One Rb Low     | 22.53            | 21.99             | 20.9              | 18.01              |
| FDD14           | 795.5           | 5          | One Rb Middle  | 22.51            | 22                | 20.91             | 18.06              |
| FDD14           | 795.5           | 5          | Half Rb Low    | 21.53            | 20.74             | 19.72             | 17.87              |
| FDD14           | 795.5           | 5          | Half Rb Middle | 21.54            | 20.75             | 19.72             | 17.89              |
| FDD14           | 795.5           | 5          | Half Rb High   | 21.44            | 20.71             | 19.71             | 17.87              |
| FDD14           | 795.5           | 5          | Fullrb         | 21.52            | 20.75             | 19.82             | 17.91              |
| FDD14           | 793             | 10         | One Rb High    | 22.58            | 22.26             | 21.06             | 18.34              |
| FDD14           | 793             | 10         | One Rb Low     | 22.62            | 22.28             | 20.93             | 18.23              |
| FDD14           | 793             | 10         | One Rb Middle  | 22.55            | 22.27             | 21.02             | 18.29              |
| FDD14           | 793             | 10         | Half Rb Low    | 21.4             | 20.66             | 19.65             | 17.82              |
| FDD14           | 793             | 10         | Half Rb Middle | 21.4             | 20.66             | 19.65             | 17.8               |
| FDD14           | 793             | 10         | Half Rb High   | 21.47            | 20.79             | 19.78             | 17.91              |
| FDD14           | 793             | 10         | Fullrb         | 21.48            | 20.7              | 19.72             | 17.85              |
| FDD26 (814-824) | 814.7           | 1.4        | One Rb High    | 22.38            | 21.69             | 20.49             | 18.08              |
| FDD26 (814-824) | 814.7           | 1.4        | One Rb Low     | 22.36            | 21.73             | 20.45             | 18.21              |
| FDD26 (814-824) | 814.7           | 1.4        | One Rb Middle  | 22.36            | 21.66             | 20.48             | 18.21              |
| FDD26 (814-824) | 814.7           | 1.4        | Half Rb Low    | 22.41            | 21.67             | 20.59             | 18.04              |
| FDD26 (814-824) | 814.7           | 1.4        | Half Rb Middle | 22.4             | 21.64             | 20.59             | 18.06              |
| FDD26 (814-824) | 814.7           | 1.4        | Half Rb High   | 22.39            | 21.67             | 20.58             | 17.94              |
| FDD26 (814-824) | 814.7           | 1.4        | Fullrb         | 21.4             | 20.53             | 19.69             | 17.86              |
| FDD26 (814-824) | 815.5           | 3          | One Rb High    | 22.38            | 21.74             | 20.67             | 17.66              |
| FDD26 (814-824) | 815.5           | 3          | One Rb Low     | 22.37            | 21.75             | 20.62             | 17.61              |
| FDD26 (814-824) | 815.5           | 3          | One Rb Middle  | 22.41            | 21.77             | 20.7              | 17.61              |
| FDD26 (814-824) | 815.5           | 3          | Half Rb Low    | 21.41            | 20.59             | 19.53             | 17.72              |
| FDD26 (814-824) | 815.5           | 3          | Half Rb Middle | 21.4             | 20.59             | 19.54             | 17.72              |
| FDD26 (814-824) | 815.5           | 3          | Half Rb High   | 21.39            | 20.57             | 19.53             | 17.67              |
| FDD26 (814-824) | 815.5           | 3          | Fullrb         | 21.4             | 20.56             | 19.77             | 17.85              |

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**Report No.: 24B02W000037-001**

| Band            | Frequency (MHz) | Band Width | RB size/offset | Power (dBm)-QPSK | Power (dBm)-16QAM | Power (dBm)-64QAM | Power (dBm)-256QAM |
|-----------------|-----------------|------------|----------------|------------------|-------------------|-------------------|--------------------|
| FDD26 (814-824) | 816.5           | 5          | One Rb High    | 22.48            | 21.97             | 20.91             | 17.99              |
| FDD26 (814-824) | 816.5           | 5          | One Rb Low     | 22.47            | 21.88             | 20.8              | 17.92              |
| FDD26 (814-824) | 816.5           | 5          | One Rb Middle  | 22.43            | 21.91             | 20.79             | 18                 |
| FDD26 (814-824) | 816.5           | 5          | Half Rb Low    | 21.46            | 20.71             | 19.69             | 17.84              |
| FDD26 (814-824) | 816.5           | 5          | Half Rb Middle | 21.47            | 20.69             | 19.7              | 17.81              |
| FDD26 (814-824) | 816.5           | 5          | Half Rb High   | 21.38            | 20.65             | 19.61             | 17.8               |
| FDD26 (814-824) | 816.5           | 5          | Fullrb         | 21.44            | 20.65             | 19.74             | 17.81              |
| FDD26 (814-824) | 819             | 10         | One Rb High    | 22.55            | 21.69             | 21.09             | 18.02              |
| FDD26 (814-824) | 819             | 10         | One Rb Low     | 22.43            | 21.71             | 21.07             | 17.96              |
| FDD26 (814-824) | 819             | 10         | One Rb Middle  | 22.45            | 21.69             | 21.1              | 18.08              |
| FDD26 (814-824) | 819             | 10         | Half Rb Low    | 21.45            | 21.89             | 20.89             | 17.77              |
| FDD26 (814-824) | 819             | 10         | Half Rb Middle | 21.46            | 21.88             | 20.89             | 17.74              |
| FDD26 (814-824) | 819             | 10         | Half Rb High   | 21.55            | 21.92             | 20.92             | 17.77              |
| FDD26 (814-824) | 819             | 10         | Fullrb         | 21.53            | 20.7              | 19.71             | 17.7               |
| FDD26 (814-824) | 819             | 1.4        | One Rb High    | 22.4             | 22.29             | 20.96             | 18.26              |
| FDD26 (814-824) | 819             | 1.4        | One Rb Low     | 22.36            | 22.26             | 20.91             | 18.16              |
| FDD26 (814-824) | 819             | 1.4        | One Rb Middle  | 22.39            | 22.25             | 20.94             | 18.21              |
| FDD26 (814-824) | 819             | 1.4        | Half Rb Low    | 22.45            | 20.82             | 19.81             | 17.86              |
| FDD26 (814-824) | 819             | 1.4        | Half Rb Middle | 22.46            | 20.82             | 19.82             | 17.87              |
| FDD26 (814-824) | 819             | 1.4        | Half Rb High   | 22.45            | 20.85             | 19.84             | 17.92              |
| FDD26 (814-824) | 819             | 1.4        | Fullrb         | 21.45            | 20.77             | 19.71             | 17.85              |
| FDD26 (814-824) | 819             | 3          | One Rb High    | 22.39            | 21.7              | 20.78             | 17.67              |
| FDD26 (814-824) | 819             | 3          | One Rb Low     | 22.41            | 21.53             | 20.64             | 17.48              |
| FDD26 (814-824) | 819             | 3          | One Rb Middle  | 22.38            | 21.58             | 20.66             | 17.56              |

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Report No.: 24B02W000037-001

| Band            | Frequency (MHz) | Band Width | RB size/offset | Power (dBm)-QPSK | Power (dBm)-16QAM | Power (dBm)-64QAM | Power (dBm)-256QAM |
|-----------------|-----------------|------------|----------------|------------------|-------------------|-------------------|--------------------|
| (814-824)       |                 |            |                |                  |                   |                   |                    |
| FDD26 (814-824) | 819             | 3          | Half Rb Low    | 21.39            | 20.65             | 19.62             | 17.78              |
| FDD26 (814-824) | 819             | 3          | Half Rb Middle | 21.4             | 20.65             | 19.59             | 17.67              |
| FDD26 (814-824) | 819             | 3          | Half Rb High   | 21.4             | 20.74             | 19.69             | 17.93              |
| FDD26 (814-824) | 819             | 3          | Fullrb         | 21.41            | 20.73             | 19.74             | 17.93              |
| FDD26 (814-824) | 819             | 5          | One Rb High    | 22.6             | 22.44             | 21.12             | 18.36              |
| FDD26 (814-824) | 819             | 5          | One Rb Low     | 22.49            | 22.15             | 20.87             | 18.12              |
| FDD26 (814-824) | 819             | 5          | One Rb Middle  | 22.51            | 22.29             | 20.99             | 18.25              |
| FDD26 (814-824) | 819             | 5          | Half Rb Low    | 21.38            | 20.75             | 19.74             | 17.9               |
| FDD26 (814-824) | 819             | 5          | Half Rb Middle | 21.38            | 20.75             | 19.75             | 17.9               |
| FDD26 (814-824) | 819             | 5          | Half Rb High   | 21.47            | 20.88             | 19.87             | 18.01              |
| FDD26 (814-824) | 819             | 5          | Fullrb         | 21.45            | 20.78             | 19.82             | 17.96              |
| FDD26 (814-824) | 819             | 10         | One Rb High    | 22.55            | 22                | 20.89             | 17.81              |
| FDD26 (814-824) | 819             | 10         | One Rb Low     | 22.45            | 22.01             | 20.94             | 17.8               |
| FDD26 (814-824) | 819             | 10         | One Rb Middle  | 22.43            | 22.01             | 20.93             | 17.81              |
| FDD26 (814-824) | 819             | 10         | Half Rb Low    | 21.45            | 21.84             | 21.03             | 17.79              |
| FDD26 (814-824) | 819             | 10         | Half Rb Middle | 21.45            | 21.83             | 21.03             | 17.79              |
| FDD26 (814-824) | 819             | 10         | Half Rb High   | 21.55            | 21.85             | 21.03             | 17.8               |
| FDD26 (814-824) | 819             | 10         | Fullrb         | 21.53            | 20.81             | 20.01             | 18                 |
| FDD26 (814-824) | 823.3           | 1.4        | One Rb High    | 22.55            | 21.98             | 20.89             | 17.82              |
| FDD26 (814-824) | 823.3           | 1.4        | One Rb Low     | 22.57            | 21.94             | 20.81             | 17.79              |
| FDD26 (814-824) | 823.3           | 1.4        | One Rb Middle  | 22.55            | 21.98             | 20.89             | 17.85              |
| FDD26 (814-824) | 823.3           | 1.4        | Half Rb Low    | 22.53            | 20.74             | 19.69             | 17.86              |
| FDD26 (814-824) | 823.3           | 1.4        | Half Rb Middle | 22.57            | 20.76             | 19.69             | 17.87              |

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Report No.: 24B02W000037-001

| Band            | Frequency (MHz) | Band Width | RB size/offset | Power (dBm)-QPSK | Power (dBm)-16QAM | Power (dBm)-64QAM | Power (dBm)-256QAM |
|-----------------|-----------------|------------|----------------|------------------|-------------------|-------------------|--------------------|
| FDD26 (814-824) | 823.3           | 1.4        | Half Rb High   | 22.54            | 20.77             | 19.69             | 17.87              |
| FDD26 (814-824) | 823.3           | 1.4        | Fullrb         | 21.55            | 20.76             | 19.95             | 18.04              |
| FDD26 (814-824) | 822.5           | 3          | One Rb High    | 22.56            | 22.15             | 21.05             | 18.16              |
| FDD26 (814-824) | 822.5           | 3          | One Rb Low     | 22.48            | 22.01             | 20.92             | 18.07              |
| FDD26 (814-824) | 822.5           | 3          | One Rb Middle  | 22.52            | 22.09             | 20.98             | 18.06              |
| FDD26 (814-824) | 822.5           | 3          | Half Rb Low    | 21.5             | 20.77             | 19.71             | 17.88              |
| FDD26 (814-824) | 822.5           | 3          | Half Rb Middle | 21.5             | 20.77             | 19.72             | 17.86              |
| FDD26(814-824)  | 822.5           | 3          | Half Rb High   | 21.51            | 20.78             | 19.78             | 17.97              |
| FDD26 (814-824) | 822.5           | 3          | Fullrb         | 21.51            | 20.79             | 19.83             | 17.91              |
| FDD26 (814-824) | 821.5           | 5          | One Rb High    | 22.63            | 21.16             | 22.39             | 17.64              |
| FDD26 (814-824) | 821.5           | 5          | One Rb Low     | 22.49            | 21.19             | 22.48             | 17.75              |
| FDD26 (814-824) | 821.5           | 5          | One Rb Middle  | 22.52            | 21.17             | 22.45             | 17.75              |
| FDD26 (814-824) | 821.5           | 5          | Half Rb Low    | 21.45            | 20.25             | 21.22             | 17.42              |
| FDD26 (814-824) | 821.5           | 5          | Half Rb Middle | 21.45            | 20.23             | 21.21             | 17.43              |
| FDD26 (814-824) | 821.5           | 5          | Half Rb High   | 21.51            | 20.12             | 21.16             | 17.31              |
| FDD26 (814-824) | 821.5           | 5          | Fullrb         | 21.5             | 20.26             | 21.19             | 17.27              |
| FDD26(814-824)  | 819             | 10         | One Rb High    | 22.57            | 21.67             | 22.2              | 17.64              |
| FDD26 (814-824) | 819             | 10         | One Rb Low     | 22.45            | 21.75             | 22.34             | 17.75              |
| FDD26 (814-824) | 819             | 10         | One Rb Middle  | 22.45            | 21.74             | 22.29             | 17.75              |
| FDD26 (814-824) | 819             | 10         | Half Rb Low    | 21.46            | 20.37             | 21.36             | 17.5               |
| FDD26(814-824)  | 819             | 10         | Half Rb Middle | 21.46            | 20.36             | 21.34             | 17.46              |
| FDD26 (814-824) | 819             | 10         | Half Rb High   | 21.57            | 20.16             | 21.13             | 17.26              |
| FDD26 (814-824) | 819             | 10         | Fullrb         | 21.54            | 20.26             | 21.29             | 17.35              |

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### 6.2.7. EIRP/ERP result

#### QPSK

| Band  | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-QPSK | ERP(dBm)-QPSK |
|-------|-----------------|------------|----------------|----------------|---------------|
| FDD14 | 790.5           | 5          | One Rb High    | 23             | 20.85         |
| FDD14 | 790.5           | 5          | One Rb Low     | 23.02          | 20.87         |
| FDD14 | 790.5           | 5          | One Rb Middle  | 23             | 20.85         |
| FDD14 | 790.5           | 5          | Half Rb Low    | 21.86          | 19.71         |
| FDD14 | 790.5           | 5          | Half Rb Middle | 21.87          | 19.72         |
| FDD14 | 790.5           | 5          | Half Rb High   | 21.94          | 19.79         |
| FDD14 | 790.5           | 5          | Fullrb         | 21.91          | 19.76         |
| FDD14 | 793             | 10         | One Rb High    | 22.98          | 20.83         |
| FDD14 | 793             | 10         | One Rb Low     | 22.97          | 20.82         |
| FDD14 | 793             | 10         | One Rb Middle  | 23             | 20.85         |
| FDD14 | 793             | 10         | Half Rb Low    | 21.85          | 19.7          |
| FDD14 | 793             | 10         | Half Rb Middle | 21.86          | 19.71         |
| FDD14 | 793             | 10         | Half Rb High   | 21.93          | 19.78         |
| FDD14 | 793             | 10         | Fullrb         | 21.91          | 19.76         |
| FDD14 | 793             | 5          | One Rb High    | 23.12          | 20.97         |
| FDD14 | 793             | 5          | One Rb Low     | 23.12          | 20.97         |
| FDD14 | 793             | 5          | One Rb Middle  | 23.08          | 20.93         |
| FDD14 | 793             | 5          | Half Rb Low    | 21.9           | 19.75         |
| FDD14 | 793             | 5          | Half Rb Middle | 21.9           | 19.75         |
| FDD14 | 793             | 5          | Half Rb High   | 21.9           | 19.75         |
| FDD14 | 793             | 5          | Fullrb         | 21.9           | 19.75         |
| FDD14 | 793             | 10         | One Rb High    | 23.02          | 20.87         |
| FDD14 | 793             | 10         | One Rb Low     | 23.02          | 20.87         |
| FDD14 | 793             | 10         | One Rb Middle  | 22.99          | 20.84         |
| FDD14 | 793             | 10         | Half Rb Low    | 21.85          | 19.7          |
| FDD14 | 793             | 10         | Half Rb Middle | 21.85          | 19.7          |
| FDD14 | 793             | 10         | Half Rb High   | 21.94          | 19.79         |
| FDD14 | 793             | 10         | Fullrb         | 21.92          | 19.77         |
| FDD14 | 795.5           | 5          | One Rb High    | 23.01          | 20.86         |
| FDD14 | 795.5           | 5          | One Rb Low     | 22.96          | 20.81         |
| FDD14 | 795.5           | 5          | One Rb Middle  | 22.94          | 20.79         |
| FDD14 | 795.5           | 5          | Half Rb Low    | 21.96          | 19.81         |
| FDD14 | 795.5           | 5          | Half Rb Middle | 21.97          | 19.82         |
| FDD14 | 795.5           | 5          | Half Rb High   | 21.87          | 19.72         |
| FDD14 | 795.5           | 5          | Fullrb         | 21.95          | 19.8          |
| FDD14 | 793             | 10         | One Rb High    | 23.01          | 20.86         |
| FDD14 | 793             | 10         | One Rb Low     | 23.05          | 20.9          |

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**Report No.: 24B02W000037-001**

| <b>Band</b>        | <b>Frequency<br/>(MHz)</b> | <b>Band<br/>Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-<br/>QPSK</b> | <b>ERP(dBm)-<br/>QPSK</b> |
|--------------------|----------------------------|-----------------------|-----------------------|----------------------------|---------------------------|
| FDD14              | 793                        | 10                    | One Rb Middle         | 22.98                      | 20.83                     |
| FDD14              | 793                        | 10                    | Half Rb Low           | 21.83                      | 19.68                     |
| FDD14              | 793                        | 10                    | Half Rb Middle        | 21.83                      | 19.68                     |
| FDD14              | 793                        | 10                    | Half Rb High          | 21.9                       | 19.75                     |
| FDD14              | 793                        | 10                    | Fullrb                | 21.91                      | 19.76                     |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | One Rb High           | 23.94                      | 21.79                     |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | One Rb Low            | 23.92                      | 21.77                     |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | One Rb Middle         | 23.92                      | 21.77                     |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | Half Rb Low           | 23.97                      | 21.82                     |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | Half Rb Middle        | 23.96                      | 21.81                     |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | Half Rb High          | 23.95                      | 21.8                      |
| FDD26<br>(814-824) | 814.7                      | 1.4                   | Fullrb                | 22.96                      | 20.81                     |
| FDD26<br>(814-824) | 815.5                      | 3                     | One Rb High           | 23.94                      | 21.79                     |
| FDD26<br>(814-824) | 815.5                      | 3                     | One Rb Low            | 23.93                      | 21.78                     |
| FDD26<br>(814-824) | 815.5                      | 3                     | One Rb Middle         | 23.97                      | 21.82                     |
| FDD26<br>(814-824) | 815.5                      | 3                     | Half Rb Low           | 22.97                      | 20.82                     |
| FDD26<br>(814-824) | 815.5                      | 3                     | Half Rb Middle        | 22.96                      | 20.81                     |
| FDD26<br>(814-824) | 815.5                      | 3                     | Half Rb High          | 22.95                      | 20.8                      |
| FDD26<br>(814-824) | 815.5                      | 3                     | Fullrb                | 22.96                      | 20.81                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | One Rb High           | 24.04                      | 21.89                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | One Rb Low            | 24.03                      | 21.88                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | One Rb Middle         | 23.99                      | 21.84                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | Half Rb Low           | 23.02                      | 20.87                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | Half Rb Middle        | 23.03                      | 20.88                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | Half Rb High          | 22.94                      | 20.79                     |
| FDD26<br>(814-824) | 816.5                      | 5                     | Fullrb                | 23                         | 20.85                     |

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| <b>Band</b>        | <b>Frequency<br/>(MHz)</b> | <b>Band<br/>Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-<br/>QPSK</b> | <b>ERP(dBm)-<br/>QPSK</b> |
|--------------------|----------------------------|-----------------------|-----------------------|----------------------------|---------------------------|
| FDD26<br>(814-824) | 819                        | 10                    | One Rb High           | 24.11                      | 21.96                     |
| FDD26<br>(814-824) | 819                        | 10                    | One Rb Low            | 23.99                      | 21.84                     |
| FDD26<br>(814-824) | 819                        | 10                    | One Rb Middle         | 24.01                      | 21.86                     |
| FDD26<br>(814-824) | 819                        | 10                    | Half Rb Low           | 23.01                      | 20.86                     |
| FDD26<br>(814-824) | 819                        | 10                    | Half Rb Middle        | 23.02                      | 20.87                     |
| FDD26<br>(814-824) | 819                        | 10                    | Half Rb High          | 23.11                      | 20.96                     |
| FDD26<br>(814-824) | 819                        | 10                    | Fullrb                | 23.09                      | 20.94                     |
| FDD26<br>(814-824) | 819                        | 1.4                   | One Rb High           | 23.96                      | 21.81                     |
| FDD26<br>(814-824) | 819                        | 1.4                   | One Rb Low            | 23.92                      | 21.77                     |
| FDD26<br>(814-824) | 819                        | 1.4                   | One Rb Middle         | 23.95                      | 21.8                      |
| FDD26<br>(814-824) | 819                        | 1.4                   | Half Rb Low           | 24.01                      | 21.86                     |
| FDD26<br>(814-824) | 819                        | 1.4                   | Half Rb Middle        | 24.02                      | 21.87                     |
| FDD26<br>(814-824) | 819                        | 1.4                   | Half Rb High          | 24.01                      | 21.86                     |
| FDD26(<br>814-824) | 819                        | 1.4                   | Fullrb                | 23.01                      | 20.86                     |
| FDD26<br>(814-824) | 819                        | 3                     | One Rb High           | 23.95                      | 21.8                      |
| FDD26<br>(814-824) | 819                        | 3                     | One Rb Low            | 23.97                      | 21.82                     |
| FDD26<br>(814-824) | 819                        | 3                     | One Rb Middle         | 23.94                      | 21.79                     |
| FDD26<br>(814-824) | 819                        | 3                     | Half Rb Low           | 22.95                      | 20.8                      |
| FDD26<br>(814-824) | 819                        | 3                     | Half Rb Middle        | 22.96                      | 20.81                     |
| FDD26<br>(814-824) | 819                        | 3                     | Half Rb High          | 22.96                      | 20.81                     |
| FDD26<br>(814-824) | 819                        | 3                     | Fullrb                | 22.97                      | 20.82                     |
| FDD26<br>(814-824) | 819                        | 5                     | One Rb High           | 24.16                      | 22.01                     |
| FDD26<br>(814-824) | 819                        | 5                     | One Rb Low            | 24.05                      | 21.9                      |
| FDD26<br>(814-824) | 819                        | 5                     | One Rb Middle         | 24.07                      | 21.92                     |

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**Report No.: 24B02W000037-001**

| <b>Band</b>        | <b>Frequency<br/>(MHz)</b> | <b>Band<br/>Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-<br/>QPSK</b> | <b>ERP(dBm)-<br/>QPSK</b> |
|--------------------|----------------------------|-----------------------|-----------------------|----------------------------|---------------------------|
| FDD26<br>(814-824) | 819                        | 5                     | Half Rb Low           | 22.94                      | 20.79                     |
| FDD26<br>(814-824) | 819                        | 5                     | Half Rb Middle        | 22.94                      | 20.79                     |
| FDD26<br>(814-824) | 819                        | 5                     | Half Rb High          | 23.03                      | 20.88                     |
| FDD26<br>(814-824) | 819                        | 5                     | Fullrb                | 23.01                      | 20.86                     |
| FDD26<br>(814-824) | 819                        | 10                    | One Rb High           | 24.11                      | 21.96                     |
| FDD26<br>(814-824) | 819                        | 10                    | One Rb Low            | 24.01                      | 21.86                     |
| FDD26<br>(814-824) | 819                        | 10                    | One Rb Middle         | 23.99                      | 21.84                     |
| FDD26<br>(814-824) | 819                        | 10                    | Half Rb Low           | 23.01                      | 20.86                     |
| FDD26<br>(814-824) | 819                        | 10                    | Half Rb Middle        | 23.01                      | 20.86                     |
| FDD26<br>(814-824) | 819                        | 10                    | Half Rb High          | 23.11                      | 20.96                     |
| FDD26<br>(814-824) | 819                        | 10                    | Fullrb                | 23.09                      | 20.94                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | One Rb High           | 24.11                      | 21.96                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | One Rb Low            | 24.13                      | 21.98                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | One Rb Middle         | 24.11                      | 21.96                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | Half Rb Low           | 24.09                      | 21.94                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | Half Rb Middle        | 24.13                      | 21.98                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | Half Rb High          | 24.1                       | 21.95                     |
| FDD26<br>(814-824) | 823.3                      | 1.4                   | Fullrb                | 23.11                      | 20.96                     |
| FDD26<br>(814-824) | 822.5                      | 3                     | One Rb High           | 24.12                      | 21.97                     |
| FDD26<br>(814-824) | 822.5                      | 3                     | One Rb Low            | 24.04                      | 21.89                     |
| FDD26<br>(814-824) | 822.5                      | 3                     | One Rb Middle         | 24.08                      | 21.93                     |
| FDD26<br>(814-824) | 822.5                      | 3                     | Half Rb Low           | 23.06                      | 20.91                     |
| FDD26<br>(814-824) | 822.5                      | 3                     | Half Rb Middle        | 23.06                      | 20.91                     |
| FDD26<br>(814-824) | 822.5                      | 3                     | Half Rb High          | 23.07                      | 20.92                     |

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Report No.: 24B02W000037-001

| Band            | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-QPSK | ERP(dBm)-QPSK |
|-----------------|-----------------|------------|----------------|----------------|---------------|
| FDD26 (814-824) | 822.5           | 3          | Fullrb         | 23.07          | 20.92         |
| FDD26 (814-824) | 821.5           | 5          | One Rb High    | 24.19          | 22.04         |
| FDD26 (814-824) | 821.5           | 5          | One Rb Low     | 24.05          | 21.9          |
| FDD26 (814-824) | 821.5           | 5          | One Rb Middle  | 24.08          | 21.93         |
| FDD26 (814-824) | 821.5           | 5          | Half Rb Low    | 23.01          | 20.86         |
| FDD26 (814-824) | 821.5           | 5          | Half Rb Middle | 23.01          | 20.86         |
| FDD26 (814-824) | 821.5           | 5          | Half Rb High   | 23.07          | 20.92         |
| FDD26 (814-824) | 821.5           | 5          | Fullrb         | 23.06          | 20.91         |
| FDD26 (814-824) | 819             | 10         | One Rb High    | 24.13          | 21.98         |
| FDD26 (814-824) | 819             | 10         | One Rb Low     | 24.01          | 21.86         |
| FDD26 (814-824) | 819             | 10         | One Rb Middle  | 24.01          | 21.86         |
| FDD26 (814-824) | 819             | 10         | Half Rb Low    | 23.02          | 20.87         |
| FDD26 (814-824) | 819             | 10         | Half Rb Middle | 23.02          | 20.87         |
| FDD26 (814-824) | 819             | 10         | Half Rb High   | 23.13          | 20.98         |
| FDD26 (814-824) | 819             | 10         | Fullrb         | 23.1           | 20.95         |

### 16QAM

| Band | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-16AM | ERP(dBm)-16QAM |
|------|-----------------|------------|----------------|----------------|----------------|
|------|-----------------|------------|----------------|----------------|----------------|

|       |       |    |                |       |       |
|-------|-------|----|----------------|-------|-------|
| FDD14 | 790.5 | 5  | One Rb High    | 22.06 | 19.91 |
| FDD14 | 790.5 | 5  | One Rb Low     | 22.04 | 19.89 |
| FDD14 | 790.5 | 5  | One Rb Middle  | 22.03 | 19.88 |
| FDD14 | 790.5 | 5  | Half Rb Low    | 21.07 | 18.92 |
| FDD14 | 790.5 | 5  | Half Rb Middle | 21.07 | 18.92 |
| FDD14 | 790.5 | 5  | Half Rb High   | 21.14 | 18.99 |
| FDD14 | 790.5 | 5  | Fullrb         | 21.14 | 18.99 |
| FDD14 | 793   | 10 | One Rb High    | 22.69 | 20.54 |
| FDD14 | 793   | 10 | One Rb Low     | 22.67 | 20.52 |
| FDD14 | 793   | 10 | One Rb Middle  | 22.7  | 20.55 |
| FDD14 | 793   | 10 | Half Rb Low    | 21.09 | 18.94 |

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|                |       |     |                |       |       |
|----------------|-------|-----|----------------|-------|-------|
| FDD14          | 793   | 10  | Half Rb Middle | 21.09 | 18.94 |
| FDD14          | 793   | 10  | Half Rb High   | 21.22 | 19.07 |
| FDD14          | 793   | 10  | Fullrb         | 21.12 | 18.97 |
| FDD14          | 793   | 5   | One Rb High    | 22.07 | 19.92 |
| FDD14          | 793   | 5   | One Rb Low     | 22.07 | 19.92 |
| FDD14          | 793   | 5   | One Rb Middle  | 22.04 | 19.89 |
| FDD14          | 793   | 5   | Half Rb Low    | 21.08 | 18.93 |
| FDD14          | 793   | 5   | Half Rb Middle | 21.07 | 18.92 |
| FDD14          | 793   | 5   | Half Rb High   | 21.13 | 18.98 |
| FDD14          | 793   | 5   | Fullrb         | 21.14 | 18.99 |
| FDD14          | 793   | 10  | One Rb High    | 22.71 | 20.56 |
| FDD14          | 793   | 10  | One Rb Low     | 22.65 | 20.5  |
| FDD14          | 793   | 10  | One Rb Middle  | 22.71 | 20.56 |
| FDD14          | 793   | 10  | Half Rb Low    | 21.1  | 18.95 |
| FDD14          | 793   | 10  | Half Rb Middle | 21.11 | 18.96 |
| FDD14          | 793   | 10  | Half Rb High   | 21.22 | 19.07 |
| FDD14          | 793   | 10  | Fullrb         | 21.11 | 18.96 |
| FDD14          | 795.5 | 5   | One Rb High    | 22.49 | 20.34 |
| FDD14          | 795.5 | 5   | One Rb Low     | 22.42 | 20.27 |
| FDD14          | 795.5 | 5   | One Rb Middle  | 22.43 | 20.28 |
| FDD14          | 795.5 | 5   | Half Rb Low    | 21.17 | 19.02 |
| FDD14          | 795.5 | 5   | Half Rb Middle | 21.18 | 19.03 |
| FDD14          | 795.5 | 5   | Half Rb High   | 21.14 | 18.99 |
| FDD14          | 795.5 | 5   | Fullrb         | 21.18 | 19.03 |
| FDD14          | 793   | 10  | One Rb High    | 22.69 | 20.54 |
| FDD14          | 793   | 10  | One Rb Low     | 22.71 | 20.56 |
| FDD14          | 793   | 10  | One Rb Middle  | 22.7  | 20.55 |
| FDD14          | 793   | 10  | Half Rb Low    | 21.09 | 18.94 |
| FDD14          | 793   | 10  | Half Rb Middle | 21.09 | 18.94 |
| FDD14          | 793   | 10  | Half Rb High   | 21.22 | 19.07 |
| FDD14          | 793   | 10  | Fullrb         | 21.13 | 18.98 |
| FDD26(814-824) | 814.7 | 1.4 | One Rb High    | 23.25 | 21.1  |
| FDD26(814-824) | 814.7 | 1.4 | One Rb Low     | 23.29 | 21.14 |
| FDD26(814-824) | 814.7 | 1.4 | One Rb Middle  | 23.22 | 21.07 |
| FDD26(814-824) | 814.7 | 1.4 | Half Rb Low    | 23.23 | 21.08 |
| FDD26(814-824) | 814.7 | 1.4 | Half Rb Middle | 23.2  | 21.05 |
| FDD26(814-824) | 814.7 | 1.4 | Half Rb High   | 23.23 | 21.08 |

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|                |       |     |                |       |       |
|----------------|-------|-----|----------------|-------|-------|
| FDD26(814-824) | 814.7 | 1.4 | Fullrb         | 22.09 | 19.94 |
| FDD26(814-824) | 815.5 | 3   | One Rb High    | 23.3  | 21.15 |
| FDD26(814-824) | 815.5 | 3   | One Rb Low     | 23.31 | 21.16 |
| FDD26(814-824) | 815.5 | 3   | One Rb Middle  | 23.33 | 21.18 |
| FDD26(814-824) | 815.5 | 3   | Half Rb Low    | 22.15 | 20    |
| FDD26(814-824) | 815.5 | 3   | Half Rb Middle | 22.15 | 20    |
| FDD26(814-824) | 815.5 | 3   | Half Rb High   | 22.13 | 19.98 |
| FDD26(814-824) | 815.5 | 3   | Fullrb         | 22.12 | 19.97 |
| FDD26(814-824) | 816.5 | 5   | One Rb High    | 23.53 | 21.38 |
| FDD26(814-824) | 816.5 | 5   | One Rb Low     | 23.44 | 21.29 |
| FDD26(814-824) | 816.5 | 5   | One Rb Middle  | 23.47 | 21.32 |
| FDD26(814-824) | 816.5 | 5   | Half Rb Low    | 22.27 | 20.12 |
| FDD26(814-824) | 816.5 | 5   | Half Rb Middle | 22.25 | 20.1  |
| FDD26(814-824) | 816.5 | 5   | Half Rb High   | 22.21 | 20.06 |
| FDD26(814-824) | 816.5 | 5   | Fullrb         | 22.21 | 20.06 |
| FDD26(814-824) | 819   | 10  | One Rb High    | 23.25 | 21.1  |
| FDD26(814-824) | 819   | 10  | One Rb Low     | 23.27 | 21.12 |
| FDD26(814-824) | 819   | 10  | One Rb Middle  | 23.25 | 21.1  |
| FDD26(814-824) | 819   | 10  | Half Rb Low    | 23.45 | 21.3  |
| FDD26(814-824) | 819   | 10  | Half Rb Middle | 23.44 | 21.29 |
| FDD26(814-824) | 819   | 10  | Half Rb High   | 23.48 | 21.33 |
| FDD26(814-824) | 819   | 10  | Fullrb         | 22.26 | 20.11 |
| FDD26(814-824) | 819   | 1.4 | One Rb High    | 23.85 | 21.7  |
| FDD26(814-824) | 819   | 1.4 | One Rb Low     | 23.82 | 21.67 |
| FDD26(814-824) | 819   | 1.4 | One Rb Middle  | 23.81 | 21.66 |

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|                |     |     |                |       |       |
|----------------|-----|-----|----------------|-------|-------|
| FDD26(814-824) | 819 | 1.4 | Half Rb Low    | 22.38 | 20.23 |
| FDD26(814-824) | 819 | 1.4 | Half Rb Middle | 22.38 | 20.23 |
| FDD26(814-824) | 819 | 1.4 | Half Rb High   | 22.41 | 20.26 |
| FDD26(814-824) | 819 | 1.4 | Fullrb         | 22.33 | 20.18 |
| FDD26(814-824) | 819 | 3   | One Rb High    | 23.26 | 21.11 |
| FDD26(814-824) | 819 | 3   | One Rb Low     | 23.09 | 20.94 |
| FDD26(814-824) | 819 | 3   | One Rb Middle  | 23.14 | 20.99 |
| FDD26(814-824) | 819 | 3   | Half Rb Low    | 22.21 | 20.06 |
| FDD26(814-824) | 819 | 3   | Half Rb Middle | 22.21 | 20.06 |
| FDD26(814-824) | 819 | 3   | Half Rb High   | 22.3  | 20.15 |
| FDD26(814-824) | 819 | 3   | Fullrb         | 22.29 | 20.14 |
| FDD26(814-824) | 819 | 5   | One Rb High    | 24    | 21.85 |
| FDD26(814-824) | 819 | 5   | One Rb Low     | 23.71 | 21.56 |
| FDD26(814-824) | 819 | 5   | One Rb Middle  | 23.85 | 21.7  |
| FDD26(814-824) | 819 | 5   | Half Rb Low    | 22.31 | 20.16 |
| FDD26(814-824) | 819 | 5   | Half Rb Middle | 22.31 | 20.16 |
| FDD26(814-824) | 819 | 5   | Half Rb High   | 22.44 | 20.29 |
| FDD26(814-824) | 819 | 5   | Fullrb         | 22.34 | 20.19 |
| FDD26(814-824) | 819 | 10  | One Rb High    | 23.56 | 21.41 |
| FDD26(814-824) | 819 | 10  | One Rb Low     | 23.57 | 21.42 |
| FDD26(814-824) | 819 | 10  | One Rb Middle  | 23.57 | 21.42 |
| FDD26(814-824) | 819 | 10  | Half Rb Low    | 23.4  | 21.25 |
| FDD26(814-824) | 819 | 10  | Half Rb Middle | 23.39 | 21.24 |
| FDD26(814-824) | 819 | 10  | Half Rb High   | 23.41 | 21.26 |
| FDD26(814-824) | 819 | 10  | Fullrb         | 22.37 | 20.22 |

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|                |       |     |                |       |       |
|----------------|-------|-----|----------------|-------|-------|
| FDD26(814-824) | 823.3 | 1.4 | One Rb High    | 23.54 | 21.39 |
| FDD26(814-824) | 823.3 | 1.4 | One Rb Low     | 23.5  | 21.35 |
| FDD26(814-824) | 823.3 | 1.4 | One Rb Middle  | 23.54 | 21.39 |
| FDD26(814-824) | 823.3 | 1.4 | Half Rb Low    | 22.3  | 20.15 |
| FDD26(814-824) | 823.3 | 1.4 | Half Rb Middle | 22.32 | 20.17 |
| FDD26(814-824) | 823.3 | 1.4 | Half Rb High   | 22.33 | 20.18 |
| FDD26(814-824) | 823.3 | 1.4 | Fullrb         | 22.32 | 20.17 |
| FDD26(814-824) | 822.5 | 3   | One Rb High    | 23.71 | 21.56 |
| FDD26(814-824) | 822.5 | 3   | One Rb Low     | 23.57 | 21.42 |
| FDD26(814-824) | 822.5 | 3   | One Rb Middle  | 23.65 | 21.5  |
| FDD26(814-824) | 822.5 | 3   | Half Rb Low    | 22.33 | 20.18 |
| FDD26(814-824) | 822.5 | 3   | Half Rb Middle | 22.33 | 20.18 |
| FDD26(814-824) | 822.5 | 3   | Half Rb High   | 22.34 | 20.19 |
| FDD26(814-824) | 822.5 | 3   | Fullrb         | 22.35 | 20.2  |
| FDD26(814-824) | 821.5 | 5   | One Rb High    | 22.72 | 20.57 |
| FDD26(814-824) | 821.5 | 5   | One Rb Low     | 22.75 | 20.6  |
| FDD26(814-824) | 821.5 | 5   | One Rb Middle  | 22.73 | 20.58 |
| FDD26(814-824) | 821.5 | 5   | Half Rb Low    | 21.81 | 19.66 |
| FDD26(814-824) | 821.5 | 5   | Half Rb Middle | 21.79 | 19.64 |
| FDD26(814-824) | 821.5 | 5   | Half Rb High   | 21.68 | 19.53 |
| FDD26(814-824) | 821.5 | 5   | Fullrb         | 21.82 | 19.67 |
| FDD26(814-824) | 819   | 10  | One Rb High    | 23.23 | 21.08 |
| FDD26(814-824) | 819   | 10  | One Rb Low     | 23.31 | 21.16 |
| FDD26(814-824) | 819   | 10  | One Rb Middle  | 23.3  | 21.15 |
| FDD26(814-824) | 819   | 10  | Half Rb Low    | 21.93 | 19.78 |

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|                |     |    |                |       |       |
|----------------|-----|----|----------------|-------|-------|
| FDD26(814-824) | 819 | 10 | Half Rb Middle | 21.92 | 19.77 |
| FDD26(814-824) | 819 | 10 | Half Rb High   | 21.72 | 19.57 |
| FDD26(814-824) | 819 | 10 | Fullrb         | 21.82 | 19.67 |

#### 64QAM

| Band  | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-64QAM | ERP(dBm)-64QAM |
|-------|-----------------|------------|----------------|-----------------|----------------|
| FDD14 | 790.5           | 5          | One Rb High    | 21.11           | 18.96          |
| FDD14 | 790.5           | 5          | One Rb Low     | 21.13           | 18.98          |
| FDD14 | 790.5           | 5          | One Rb Middle  | 21.11           | 18.96          |
| FDD14 | 790.5           | 5          | Half Rb Low    | 20.01           | 17.86          |
| FDD14 | 790.5           | 5          | Half Rb Middle | 20.01           | 17.86          |
| FDD14 | 790.5           | 5          | Half Rb High   | 20.08           | 17.93          |
| FDD14 | 790.5           | 5          | Fullrb         | 20.12           | 17.97          |
| FDD14 | 793             | 10         | One Rb High    | 21.49           | 19.34          |
| FDD14 | 793             | 10         | One Rb Low     | 21.37           | 19.22          |
| FDD14 | 793             | 10         | One Rb Middle  | 21.41           | 19.26          |
| FDD14 | 793             | 10         | Half Rb Low    | 20.08           | 17.93          |
| FDD14 | 793             | 10         | Half Rb Middle | 20.06           | 17.91          |
| FDD14 | 793             | 10         | Half Rb High   | 20.2            | 18.05          |
| FDD14 | 793             | 10         | Fullrb         | 20.13           | 17.98          |
| FDD14 | 793             | 5          | One Rb High    | 21.12           | 18.97          |
| FDD14 | 793             | 5          | One Rb Low     | 21.14           | 18.99          |
| FDD14 | 793             | 5          | One Rb Middle  | 21.12           | 18.97          |
| FDD14 | 793             | 5          | Half Rb Low    | 20.04           | 17.89          |
| FDD14 | 793             | 5          | Half Rb Middle | 20.03           | 17.88          |
| FDD14 | 793             | 5          | Half Rb High   | 20.06           | 17.91          |
| FDD14 | 793             | 5          | Fullrb         | 20.13           | 17.98          |
| FDD14 | 793             | 10         | One Rb High    | 21.49           | 19.34          |
| FDD14 | 793             | 10         | One Rb Low     | 21.36           | 19.21          |
| FDD14 | 793             | 10         | One Rb Middle  | 21.45           | 19.3           |
| FDD14 | 793             | 10         | Half Rb Low    | 20.08           | 17.93          |
| FDD14 | 793             | 10         | Half Rb Middle | 20.08           | 17.93          |
| FDD14 | 793             | 10         | Half Rb High   | 20.18           | 18.03          |
| FDD14 | 793             | 10         | Fullrb         | 20.14           | 17.99          |
| FDD14 | 795.5           | 5          | One Rb High    | 21.38           | 19.23          |
| FDD14 | 795.5           | 5          | One Rb Low     | 21.33           | 19.18          |
| FDD14 | 795.5           | 5          | One Rb Middle  | 21.34           | 19.19          |
| FDD14 | 795.5           | 5          | Half Rb Low    | 20.15           | 18             |

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| <b>Band</b>    | <b>Frequency (MHz)</b> | <b>Band Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-64QAM</b> | <b>ERP(dBm)-64QAM</b> |
|----------------|------------------------|-------------------|-----------------------|------------------------|-----------------------|
| FDD14          | 795.5                  | 5                 | Half Rb Middle        | 20.15                  | 18                    |
| FDD14          | 795.5                  | 5                 | Half Rb High          | 20.14                  | 17.99                 |
| FDD14          | 795.5                  | 5                 | Fullrb                | 20.25                  | 18.1                  |
| FDD14          | 793                    | 10                | One Rb High           | 21.49                  | 19.34                 |
| FDD14          | 793                    | 10                | One Rb Low            | 21.36                  | 19.21                 |
| FDD14          | 793                    | 10                | One Rb Middle         | 21.45                  | 19.3                  |
| FDD14          | 793                    | 10                | Half Rb Low           | 20.08                  | 17.93                 |
| FDD14          | 793                    | 10                | Half Rb Middle        | 20.08                  | 17.93                 |
| FDD14          | 793                    | 10                | Half Rb High          | 20.21                  | 18.06                 |
| FDD14          | 793                    | 10                | Fullrb                | 20.15                  | 18                    |
| FDD26(814-824) | 814.7                  | 1.4               | One Rb High           | 22.05                  | 19.9                  |
| FDD26(814-824) | 814.7                  | 1.4               | One Rb Low            | 22.01                  | 19.86                 |
| FDD26(814-824) | 814.7                  | 1.4               | One Rb Middle         | 22.04                  | 19.89                 |
| FDD26(814-824) | 814.7                  | 1.4               | Half Rb Low           | 22.15                  | 20                    |
| FDD26(814-824) | 814.7                  | 1.4               | Half Rb Middle        | 22.15                  | 20                    |
| FDD26(814-824) | 814.7                  | 1.4               | Half Rb High          | 22.14                  | 19.99                 |
| FDD26(814-824) | 814.7                  | 1.4               | Fullrb                | 21.25                  | 19.1                  |
| FDD26(814-824) | 815.5                  | 3                 | One Rb High           | 22.23                  | 20.08                 |
| FDD26(814-824) | 815.5                  | 3                 | One Rb Low            | 22.18                  | 20.03                 |
| FDD26(814-824) | 815.5                  | 3                 | One Rb Middle         | 22.26                  | 20.11                 |
| FDD26(814-824) | 815.5                  | 3                 | Half Rb Low           | 21.09                  | 18.94                 |
| FDD26(814-824) | 815.5                  | 3                 | Half Rb Middle        | 21.1                   | 18.95                 |
| FDD26(814-824) | 815.5                  | 3                 | Half Rb High          | 21.09                  | 18.94                 |
| FDD26(814-824) | 815.5                  | 3                 | Fullrb                | 21.33                  | 19.18                 |
| FDD26(814-824) | 816.5                  | 5                 | One Rb High           | 22.47                  | 20.32                 |
| FDD26(814-824) | 816.5                  | 5                 | One Rb Low            | 22.36                  | 20.21                 |
| FDD26(814-824) | 816.5                  | 5                 | One Rb Middle         | 22.35                  | 20.2                  |
| FDD26(814-824) | 816.5                  | 5                 | Half Rb Low           | 21.25                  | 19.1                  |

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| <b>Band</b>    | <b>Frequency (MHz)</b> | <b>Band Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-64QAM</b> | <b>ERP(dBm)-64QAM</b> |
|----------------|------------------------|-------------------|-----------------------|------------------------|-----------------------|
| FDD26(814-824) | 816.5                  | 5                 | Half Rb Middle        | 21.26                  | 19.11                 |
| FDD26(814-824) | 816.5                  | 5                 | Half Rb High          | 21.17                  | 19.02                 |
| FDD26(814-824) | 816.5                  | 5                 | Fullrb                | 21.3                   | 19.15                 |
| FDD26(814-824) | 819                    | 10                | One Rb High           | 22.65                  | 20.5                  |
| FDD26(814-824) | 819                    | 10                | One Rb Low            | 22.63                  | 20.48                 |
| FDD26(814-824) | 819                    | 10                | One Rb Middle         | 22.66                  | 20.51                 |
| FDD26(814-824) | 819                    | 10                | Half Rb Low           | 22.45                  | 20.3                  |
| FDD26(814-824) | 819                    | 10                | Half Rb Middle        | 22.45                  | 20.3                  |
| FDD26(814-824) | 819                    | 10                | Half Rb High          | 22.48                  | 20.33                 |
| FDD26(814-824) | 819                    | 10                | Fullrb                | 21.27                  | 19.12                 |
| FDD26(814-824) | 819                    | 1.4               | One Rb High           | 22.52                  | 20.37                 |
| FDD26(814-824) | 819                    | 1.4               | One Rb Low            | 22.47                  | 20.32                 |
| FDD26(814-824) | 819                    | 1.4               | One Rb Middle         | 22.5                   | 20.35                 |
| FDD26(814-824) | 819                    | 1.4               | Half Rb Low           | 21.37                  | 19.22                 |
| FDD26(814-824) | 819                    | 1.4               | Half Rb Middle        | 21.38                  | 19.23                 |
| FDD26(814-824) | 819                    | 1.4               | Half Rb High          | 21.4                   | 19.25                 |
| FDD26(814-824) | 819                    | 1.4               | Fullrb                | 21.27                  | 19.12                 |
| FDD26(814-824) | 819                    | 3                 | One Rb High           | 22.34                  | 20.19                 |
| FDD26(814-824) | 819                    | 3                 | One Rb Low            | 22.2                   | 20.05                 |
| FDD26(814-824) | 819                    | 3                 | One Rb Middle         | 22.22                  | 20.07                 |
| FDD26(814-824) | 819                    | 3                 | Half Rb Low           | 21.18                  | 19.03                 |
| FDD26(814-824) | 819                    | 3                 | Half Rb Middle        | 21.15                  | 19                    |
| FDD26(814-824) | 819                    | 3                 | Half Rb High          | 21.25                  | 19.1                  |
| FDD26(814-824) | 819                    | 3                 | Fullrb                | 21.3                   | 19.15                 |

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**Report No.: 24B02W000037-001**

| Band           | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-64QAM | ERP(dBm)-64QAM |
|----------------|-----------------|------------|----------------|-----------------|----------------|
| FDD26(814-824) | 819             | 5          | One Rb High    | 22.68           | 20.53          |
| FDD26(814-824) | 819             | 5          | One Rb Low     | 22.43           | 20.28          |
| FDD26(814-824) | 819             | 5          | One Rb Middle  | 22.55           | 20.4           |
| FDD26(814-824) | 819             | 5          | Half Rb Low    | 21.3            | 19.15          |
| FDD26(814-824) | 819             | 5          | Half Rb Middle | 21.31           | 19.16          |
| FDD26(814-824) | 819             | 5          | Half Rb High   | 21.43           | 19.28          |
| FDD26(814-824) | 819             | 5          | Fullrb         | 21.38           | 19.23          |
| FDD26(814-824) | 819             | 10         | One Rb High    | 22.45           | 20.3           |
| FDD26(814-824) | 819             | 10         | One Rb Low     | 22.5            | 20.35          |
| FDD26(814-824) | 819             | 10         | One Rb Middle  | 22.49           | 20.34          |
| FDD26(814-824) | 819             | 10         | Half Rb Low    | 22.59           | 20.44          |
| FDD26(814-824) | 819             | 10         | Half Rb Middle | 22.59           | 20.44          |
| FDD26(814-824) | 819             | 10         | Half Rb High   | 22.59           | 20.44          |
| FDD26(814-824) | 819             | 10         | Fullrb         | 21.57           | 19.42          |
| FDD26(814-824) | 823.3           | 1.4        | One Rb High    | 22.45           | 20.3           |
| FDD26(814-824) | 823.3           | 1.4        | One Rb Low     | 22.37           | 20.22          |
| FDD26(814-824) | 823.3           | 1.4        | One Rb Middle  | 22.45           | 20.3           |
| FDD26(814-824) | 823.3           | 1.4        | Half Rb Low    | 21.25           | 19.1           |
| FDD26(814-824) | 823.3           | 1.4        | Half Rb Middle | 21.25           | 19.1           |
| FDD26(814-824) | 823.3           | 1.4        | Half Rb High   | 21.25           | 19.1           |
| FDD26(814-824) | 823.3           | 1.4        | Fullrb         | 21.51           | 19.36          |
| FDD26(814-824) | 822.5           | 3          | One Rb High    | 22.61           | 20.46          |
| FDD26(814-824) | 822.5           | 3          | One Rb Low     | 22.48           | 20.33          |
| FDD26(814-824) | 822.5           | 3          | One Rb Middle  | 22.54           | 20.39          |

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Report No.: 24B02W000037-001

| Band           | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-64QAM | ERP(dBm)-64QAM |
|----------------|-----------------|------------|----------------|-----------------|----------------|
| FDD26(814-824) | 822.5           | 3          | Half Rb Low    | 21.27           | 19.12          |
| FDD26(814-824) | 822.5           | 3          | Half Rb Middle | 21.28           | 19.13          |
| FDD26(814-824) | 822.5           | 3          | Half Rb High   | 21.34           | 19.19          |
| FDD26(814-824) | 822.5           | 3          | Fullrb         | 21.39           | 19.24          |
| FDD26(814-824) | 821.5           | 5          | One Rb High    | 23.95           | 21.8           |
| FDD26(814-824) | 821.5           | 5          | One Rb Low     | 24.04           | 21.89          |
| FDD26(814-824) | 821.5           | 5          | One Rb Middle  | 24.01           | 21.86          |
| FDD26(814-824) | 821.5           | 5          | Half Rb Low    | 22.78           | 20.63          |
| FDD26(814-824) | 821.5           | 5          | Half Rb Middle | 22.77           | 20.62          |
| FDD26(814-824) | 821.5           | 5          | Half Rb High   | 22.72           | 20.57          |
| FDD26(814-824) | 821.5           | 5          | Fullrb         | 22.75           | 20.6           |
| FDD26(814-824) | 819             | 10         | One Rb High    | 23.76           | 21.61          |
| FDD26(814-824) | 819             | 10         | One Rb Low     | 23.9            | 21.75          |
| FDD26(814-824) | 819             | 10         | One Rb Middle  | 23.85           | 21.7           |
| FDD26(814-824) | 819             | 10         | Half Rb Low    | 22.92           | 20.77          |
| FDD26(814-824) | 819             | 10         | Half Rb Middle | 22.9            | 20.75          |
| FDD26(814-824) | 819             | 10         | Half Rb High   | 22.69           | 20.54          |
| FDD26(814-824) | 819             | 10         | Fullrb         | 22.85           | 20.7           |

## 256QAM

| Band  | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-256QAM | ERP(dBm)-256QAM |
|-------|-----------------|------------|----------------|------------------|-----------------|
| FDD14 | 790.5           | 5          | One Rb High    | 18.74            | 16.59           |
| FDD14 | 790.5           | 5          | One Rb Low     | 18.64            | 16.49           |
| FDD14 | 790.5           | 5          | One Rb Middle  | 18.73            | 16.58           |
| FDD14 | 790.5           | 5          | Half Rb Low    | 18.3             | 16.15           |
| FDD14 | 790.5           | 5          | Half Rb Middle | 18.29            | 16.14           |
| FDD14 | 790.5           | 5          | Half Rb High   | 18.37            | 16.22           |

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| <b>Band</b>    | <b>Frequency (MHz)</b> | <b>Band Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-256QAM</b> | <b>ERP(dBm)-256QAM</b> |
|----------------|------------------------|-------------------|-----------------------|-------------------------|------------------------|
| FDD14          | 790.5                  | 5                 | Fullrb                | 18.32                   | 16.17                  |
| FDD14          | 793                    | 10                | One Rb High           | 18.74                   | 16.59                  |
| FDD14          | 793                    | 10                | One Rb Low            | 18.64                   | 16.49                  |
| FDD14          | 793                    | 10                | One Rb Middle         | 18.71                   | 16.56                  |
| FDD14          | 793                    | 10                | Half Rb Low           | 18.26                   | 16.11                  |
| FDD14          | 793                    | 10                | Half Rb Middle        | 18.26                   | 16.11                  |
| FDD14          | 793                    | 10                | Half Rb High          | 18.34                   | 16.19                  |
| FDD14          | 793                    | 10                | Fullrb                | 18.27                   | 16.12                  |
| FDD14          | 793                    | 5                 | One Rb High           | 18.02                   | 15.87                  |
| FDD14          | 793                    | 5                 | One Rb Low            | 18.04                   | 15.89                  |
| FDD14          | 793                    | 5                 | One Rb Middle         | 18.04                   | 15.89                  |
| FDD14          | 793                    | 5                 | Half Rb Low           | 18.22                   | 16.07                  |
| FDD14          | 793                    | 5                 | Half Rb Middle        | 18.23                   | 16.08                  |
| FDD14          | 793                    | 5                 | Half Rb High          | 18.3                    | 16.15                  |
| FDD14          | 793                    | 5                 | Fullrb                | 18.31                   | 16.16                  |
| FDD14          | 793                    | 10                | One Rb High           | 18.75                   | 16.6                   |
| FDD14          | 793                    | 10                | One Rb Low            | 18.64                   | 16.49                  |
| FDD14          | 793                    | 10                | One Rb Middle         | 18.73                   | 16.58                  |
| FDD14          | 793                    | 10                | Half Rb Low           | 18.25                   | 16.1                   |
| FDD14          | 793                    | 10                | Half Rb Middle        | 18.25                   | 16.1                   |
| FDD14          | 793                    | 10                | Half Rb High          | 18.36                   | 16.21                  |
| FDD14          | 793                    | 10                | Fullrb                | 18.27                   | 16.12                  |
| FDD14          | 795.5                  | 5                 | One Rb High           | 18.56                   | 16.41                  |
| FDD14          | 795.5                  | 5                 | One Rb Low            | 18.44                   | 16.29                  |
| FDD14          | 795.5                  | 5                 | One Rb Middle         | 18.49                   | 16.34                  |
| FDD14          | 795.5                  | 5                 | Half Rb Low           | 18.3                    | 16.15                  |
| FDD14          | 795.5                  | 5                 | Half Rb Middle        | 18.32                   | 16.17                  |
| FDD14          | 795.5                  | 5                 | Half Rb High          | 18.3                    | 16.15                  |
| FDD14          | 795.5                  | 5                 | Fullrb                | 18.34                   | 16.19                  |
| FDD14          | 793                    | 10                | One Rb High           | 18.77                   | 16.62                  |
| FDD14          | 793                    | 10                | One Rb Low            | 18.66                   | 16.51                  |
| FDD14          | 793                    | 10                | One Rb Middle         | 18.72                   | 16.57                  |
| FDD14          | 793                    | 10                | Half Rb Low           | 18.25                   | 16.1                   |
| FDD14          | 793                    | 10                | Half Rb Middle        | 18.23                   | 16.08                  |
| FDD14          | 793                    | 10                | Half Rb High          | 18.34                   | 16.19                  |
| FDD14          | 793                    | 10                | Fullrb                | 18.28                   | 16.13                  |
| FDD26(814-824) | 814.7                  | 1.4               | One Rb High           | 19.64                   | 17.49                  |
| FDD26(814-824) | 814.7                  | 1.4               | One Rb Low            | 19.77                   | 17.62                  |

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Report No.: 24B02W000037-001

| Band           | Frequency (MHz) | Band Width | RB size/offset | EIRP(dBm)-256QAM | ERP(dBm)-256QAM |
|----------------|-----------------|------------|----------------|------------------|-----------------|
| FDD26(814-824) | 814.7           | 1.4        | One Rb Middle  | 19.77            | 17.62           |
| FDD26(814-824) | 814.7           | 1.4        | Half Rb Low    | 19.6             | 17.45           |
| FDD26(814-824) | 814.7           | 1.4        | Half Rb Middle | 19.62            | 17.47           |
| FDD26(814-824) | 814.7           | 1.4        | Half Rb High   | 19.5             | 17.35           |
| FDD26(814-824) | 814.7           | 1.4        | Fullrb         | 19.42            | 17.27           |
| FDD26(814-824) | 815.5           | 3          | One Rb High    | 19.22            | 17.07           |
| FDD26(814-824) | 815.5           | 3          | One Rb Low     | 19.17            | 17.02           |
| FDD26(814-824) | 815.5           | 3          | One Rb Middle  | 19.17            | 17.02           |
| FDD26(814-824) | 815.5           | 3          | Half Rb Low    | 19.28            | 17.13           |
| FDD26(814-824) | 815.5           | 3          | Half Rb Middle | 19.28            | 17.13           |
| FDD26(814-824) | 815.5           | 3          | Half Rb High   | 19.23            | 17.08           |
| FDD26(814-824) | 815.5           | 3          | Fullrb         | 19.41            | 17.26           |
| FDD26(814-824) | 816.5           | 5          | One Rb High    | 19.55            | 17.4            |
| FDD26(814-824) | 816.5           | 5          | One Rb Low     | 19.48            | 17.33           |
| FDD26(814-824) | 816.5           | 5          | One Rb Middle  | 19.56            | 17.41           |
| FDD26(814-824) | 816.5           | 5          | Half Rb Low    | 19.4             | 17.25           |
| FDD26(814-824) | 816.5           | 5          | Half Rb Middle | 19.37            | 17.22           |
| FDD26(814-824) | 816.5           | 5          | Half Rb High   | 19.36            | 17.21           |
| FDD26(814-824) | 816.5           | 5          | Fullrb         | 19.37            | 17.22           |
| FDD26(814-824) | 819             | 10         | One Rb High    | 19.58            | 17.43           |
| FDD26(814-824) | 819             | 10         | One Rb Low     | 19.52            | 17.37           |
| FDD26(814-824) | 819             | 10         | One Rb Middle  | 19.64            | 17.49           |
| FDD26(814-824) | 819             | 10         | Half Rb Low    | 19.33            | 17.18           |
| FDD26(814-824) | 819             | 10         | Half Rb Middle | 19.3             | 17.15           |

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| <b>Band</b>    | <b>Frequency<br/>(MHz)</b> | <b>Band<br/>Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-<br/>256QAM</b> | <b>ERP(dBm)-<br/>256QAM</b> |
|----------------|----------------------------|-----------------------|-----------------------|------------------------------|-----------------------------|
| FDD26(814-824) | 819                        | 10                    | Half Rb High          | 19.33                        | 17.18                       |
| FDD26(814-824) | 819                        | 10                    | Fullrb                | 19.26                        | 17.11                       |
| FDD26(814-824) | 819                        | 1.4                   | One Rb High           | 19.82                        | 17.67                       |
| FDD26(814-824) | 819                        | 1.4                   | One Rb Low            | 19.72                        | 17.57                       |
| FDD26(814-824) | 819                        | 1.4                   | One Rb Middle         | 19.77                        | 17.62                       |
| FDD26(814-824) | 819                        | 1.4                   | Half Rb Low           | 19.42                        | 17.27                       |
| FDD26(814-824) | 819                        | 1.4                   | Half Rb Middle        | 19.43                        | 17.28                       |
| FDD26(814-824) | 819                        | 1.4                   | Half Rb High          | 19.48                        | 17.33                       |
| FDD26(814-824) | 819                        | 1.4                   | Fullrb                | 19.41                        | 17.26                       |
| FDD26(814-824) | 819                        | 3                     | One Rb High           | 19.23                        | 17.08                       |
| FDD26(814-824) | 819                        | 3                     | One Rb Low            | 19.04                        | 16.89                       |
| FDD26(814-824) | 819                        | 3                     | One Rb Middle         | 19.12                        | 16.97                       |
| FDD26(814-824) | 819                        | 3                     | Half Rb Low           | 19.34                        | 17.19                       |
| FDD26(814-824) | 819                        | 3                     | Half Rb Middle        | 19.23                        | 17.08                       |
| FDD26(814-824) | 819                        | 3                     | Half Rb High          | 19.49                        | 17.34                       |
| FDD26(814-824) | 819                        | 3                     | Fullrb                | 19.49                        | 17.34                       |
| FDD26(814-824) | 819                        | 5                     | One Rb High           | 19.92                        | 17.77                       |
| FDD26(814-824) | 819                        | 5                     | One Rb Low            | 19.68                        | 17.53                       |
| FDD26(814-824) | 819                        | 5                     | One Rb Middle         | 19.81                        | 17.66                       |
| FDD26(814-824) | 819                        | 5                     | Half Rb Low           | 19.46                        | 17.31                       |
| FDD26(814-824) | 819                        | 5                     | Half Rb Middle        | 19.46                        | 17.31                       |
| FDD26(814-824) | 819                        | 5                     | Half Rb High          | 19.57                        | 17.42                       |
| FDD26(814-824) | 819                        | 5                     | Fullrb                | 19.52                        | 17.37                       |
| FDD26(814-824) | 819                        | 10                    | One Rb High           | 19.37                        | 17.22                       |

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| <b>Band</b>    | <b>Frequency (MHz)</b> | <b>Band Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-256QAM</b> | <b>ERP(dBm)-256QAM</b> |
|----------------|------------------------|-------------------|-----------------------|-------------------------|------------------------|
| FDD26(814-824) | 819                    | 10                | One Rb Low            | 19.36                   | 17.21                  |
| FDD26(814-824) | 819                    | 10                | One Rb Middle         | 19.37                   | 17.22                  |
| FDD26(814-824) | 819                    | 10                | Half Rb Low           | 19.35                   | 17.2                   |
| FDD26(814-824) | 819                    | 10                | Half Rb Middle        | 19.35                   | 17.2                   |
| FDD26(814-824) | 819                    | 10                | Half Rb High          | 19.36                   | 17.21                  |
| FDD26(814-824) | 819                    | 10                | Fullrb                | 19.56                   | 17.41                  |
| FDD26(814-824) | 823.3                  | 1.4               | One Rb High           | 19.38                   | 17.23                  |
| FDD26(814-824) | 823.3                  | 1.4               | One Rb Low            | 19.35                   | 17.2                   |
| FDD26(814-824) | 823.3                  | 1.4               | One Rb Middle         | 19.41                   | 17.26                  |
| FDD26(814-824) | 823.3                  | 1.4               | Half Rb Low           | 19.42                   | 17.27                  |
| FDD26(814-824) | 823.3                  | 1.4               | Half Rb Middle        | 19.43                   | 17.28                  |
| FDD26(814-824) | 823.3                  | 1.4               | Half Rb High          | 19.43                   | 17.28                  |
| FDD26(814-824) | 823.3                  | 1.4               | Fullrb                | 19.6                    | 17.45                  |
| FDD26(814-824) | 822.5                  | 3                 | One Rb High           | 19.72                   | 17.57                  |
| FDD26(814-824) | 822.5                  | 3                 | One Rb Low            | 19.63                   | 17.48                  |
| FDD26(814-824) | 822.5                  | 3                 | One Rb Middle         | 19.62                   | 17.47                  |
| FDD26(814-824) | 822.5                  | 3                 | Half Rb Low           | 19.44                   | 17.29                  |
| FDD26(814-824) | 822.5                  | 3                 | Half Rb Middle        | 19.42                   | 17.27                  |
| FDD26(814-824) | 822.5                  | 3                 | Half Rb High          | 19.53                   | 17.38                  |
| FDD26(814-824) | 822.5                  | 3                 | Fullrb                | 19.47                   | 17.32                  |
| FDD26(814-824) | 821.5                  | 5                 | One Rb High           | 19.2                    | 17.05                  |
| FDD26(814-824) | 821.5                  | 5                 | One Rb Low            | 19.31                   | 17.16                  |
| FDD26(814-824) | 821.5                  | 5                 | One Rb Middle         | 19.31                   | 17.16                  |
| FDD26(814-824) | 821.5                  | 5                 | Half Rb Low           | 18.98                   | 16.83                  |

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| <b>Band</b>    | <b>Frequency<br/>(MHz)</b> | <b>Band<br/>Width</b> | <b>RB size/offset</b> | <b>EIRP(dBm)-<br/>256QAM</b> | <b>ERP(dBm)-<br/>256QAM</b> |
|----------------|----------------------------|-----------------------|-----------------------|------------------------------|-----------------------------|
| FDD26(814-824) | 821.5                      | 5                     | Half Rb Middle        | 18.99                        | 16.84                       |
| FDD26(814-824) | 821.5                      | 5                     | Half Rb High          | 18.87                        | 16.72                       |
| FDD26(814-824) | 821.5                      | 5                     | Fullrb                | 18.83                        | 16.68                       |
| FDD26(814-824) | 819                        | 10                    | One Rb High           | 19.2                         | 17.05                       |
| FDD26(814-824) | 819                        | 10                    | One Rb Low            | 19.31                        | 17.16                       |
| FDD26(814-824) | 819                        | 10                    | One Rb Middle         | 19.31                        | 17.16                       |
| FDD26(814-824) | 819                        | 10                    | Half Rb Low           | 19.06                        | 16.91                       |
| FDD26(814-824) | 819                        | 10                    | Half Rb Middle        | 19.02                        | 16.87                       |
| FDD26(814-824) | 819                        | 10                    | Half Rb High          | 18.82                        | 16.67                       |
| FDD26(814-824) | 819                        | 10                    | Fullrb                | 18.91                        | 16.76                       |

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### 6.3. EMISSION LIMIT

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| <b>Specifications:</b>    | FCC Part 2.1051/90.691/90.543(e)/90.543(f)                                            |
| <b>DUT Serial Number:</b> | 24B02W000037#S2                                                                       |
| <b>Test conditions:</b>   | Ambient Temperature:15°C-35°C<br>Relative Humidity:30%-60%<br>Air pressure: 86-106kPa |
| <b>Test Results:</b>      | Pass                                                                                  |

#### 6.3.1. Measurement Limit

FCC§90.691 Emission mask requirements for EA-based systems.

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

FCC§90.543(e) For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than  $76 + 10 \log(P)$  dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than  $65 + 10 \log(P)$  dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least  $43 + 10 \log(P)$  dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

FCC§90.543(f) For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including

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harmonics in the band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80$  dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

RSS 140 4.4:

The power of any unwanted emission outside the bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitter output power  $P$  in dBW as follows, where  $p$  is the transmitter output power in watts:

- a. For any frequency between 769-775 MHz and 799-806 MHz:
  - i.  $76 + 10 \log (p)$ , dB in a 6.25 kHz band for fixed and base station equipment
  - ii.  $65 + 10 \log (p)$ , dB in a 6.25 kHz band for mobile and portable/hand-held equipment
- b. For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz:  $43 + 10 \log (p)$ , dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

In addition, the equivalent isotropically radiated power (e.i.r.p.) of all emissions, including harmonics in the band 1559-1610 MHz, shall not exceed  $-70$  dBW/MHz for wideband emissions, and  $-80$  dBW/kHz for discrete emissions of less than 700 Hz bandwidth.

### 6.3.2. Method of Measurement

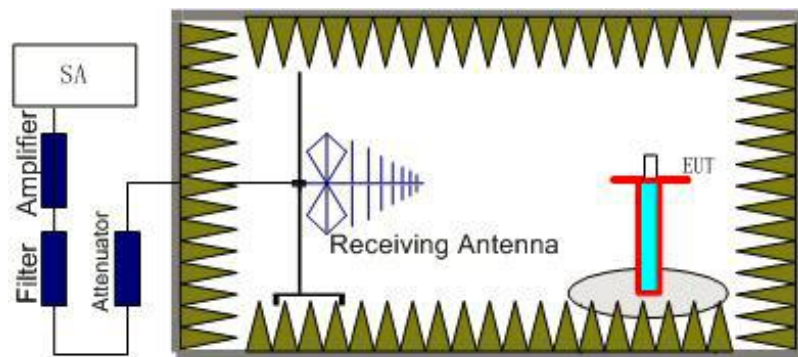
The measurements procedures in TIA-603E-2016 are used.

The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment. The resolution bandwidth is set as outlined in FCC §90.543

The spectrum is scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of LTE Band.

**The procedure of radiated spurious emissions is as follows**

1. EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through  $360^\circ$  and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector.



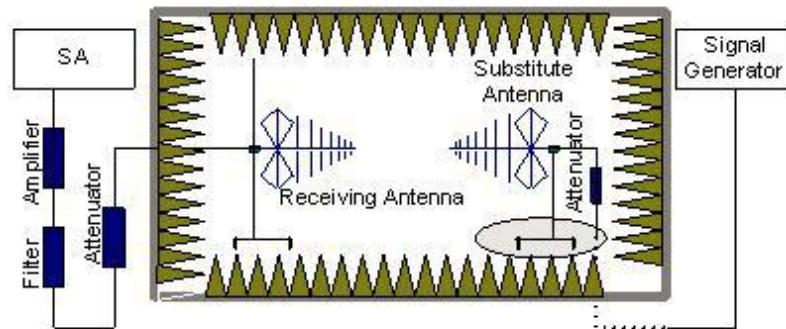
2. The EUT is then put into continuously transmitting mode at its maximum power level during

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the test. And the maximum value of the receiver should be recorded as (Pr).

3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (Pcl) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain (Ga) should be recorded after test.

A amplifier should be connected in for the test.

The Path loss (Pcl) is the summation of the cable loss .

The measurement results are obtained as described below:

$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.

6. ERP can be calculated from EIRP by subtracting the gain of the dipole,  $\text{ERP} = \text{EIRP} - 2.15\text{dBi}$

### 6.3.3. Measurement Uncertainty

|                      |                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expanded Uncertainty | 30MHz-150MHz 3.82 dB (k=2)<br>150MHz-1000MHz 3.97 dB (k=2)<br>1000MHz-3000MHz 3.09 dB (k=2)<br>3000MHz-6000MHz 3.29 dB (k=2)<br>6000MHz-18000MHz 3.91 dB (k=2)<br>18000MHz-26000MHz 4.60 dB (k=2)<br>26000MHz-40000MHz 4.77 dB (k=2) |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.3.4. Measurement Results

| Band    | BW (MHz) | RB Config | Modulation | Channel | Frequency Range | Result |
|---------|----------|-----------|------------|---------|-----------------|--------|
| Band 14 | 5        | OneRB_low | QPSK       | Low     | 30MHz~20GHz     | PASS   |

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| Band                    | BW (MHz) | RB Config | Modulation | Channel | Frequency Range | Result |
|-------------------------|----------|-----------|------------|---------|-----------------|--------|
| Band 26<br>(814-824MHz) | 1.4      | OneRB_low | QPSK       | Middle  | 30MHz~20GHz     | PASS   |
|                         |          |           |            | High    | 30MHz~20GHz     | PASS   |
|                         |          |           |            | Low     | 30MHz~20GHz     | PASS   |
|                         |          |           |            | Middle  | 30MHz~20GHz     | PASS   |
|                         |          |           |            | High    | 30MHz~20GHz     | PASS   |

#### RSE-LTE14-L

| Frequency (MHz) | PMea (dBm) | Pcl (dBm) | Ga (dBd) | Peak ERP (dBm) | Limit (dBm) | Polarization |
|-----------------|------------|-----------|----------|----------------|-------------|--------------|
| 1605.4          | -53.22     | 4.2       | 5.3      | -52.12         | -40         | V            |
| 2367.3          | -43.32     | 5.2       | 5.1      | -43.42         | -13         | H            |
| 3137.2          | -53.13     | 6.0       | 6.9      | -52.23         | -13         | H            |
| 3955.2          | -53.63     | 6.8       | 8.6      | -51.83         | -13         | H            |
| 4795.2          | -53.28     | 7.6       | 9.0      | -51.88         | -13         | H            |
| 5598.0          | -53.86     | 8.3       | 9.8      | -52.36         | -13         | H            |

#### RSE-LTE14-M

| Frequency (MHz) | PMea (dBm) | Pcl (dBm) | Ga (dBd) | Peak ERP (dBm) | Limit (dBm) | Polarization |
|-----------------|------------|-----------|----------|----------------|-------------|--------------|
| 1582.9          | -53.24     | 4.2       | 5.3      | -52.14         | -40         | H            |
| 2376.9          | -44.01     | 5.2       | 5.6      | -43.61         | -13         | H            |
| 3165.6          | -53.11     | 6.0       | 6.9      | -52.21         | -13         | H            |
| 3967.2          | -54.92     | 6.8       | 8.6      | -53.12         | -13         | V            |
| 4789.2          | -53.96     | 7.6       | 9.0      | -52.56         | -13         | H            |
| 5552.0          | -54.28     | 8.2       | 9.8      | -52.68         | -13         | H            |

#### RSE-LTE14-H

| Frequency (MHz) | PMea (dBm) | Pcl (dBm) | Ga (dBd) | Peak ERP (dBm) | Limit (dBm) | Polarization |
|-----------------|------------|-----------|----------|----------------|-------------|--------------|
| 1591.5          | -53.35     | 4.2       | 5.3      | -52.25         | -40         | H            |
| 2382.3          | -43.98     | 5.2       | 5.6      | -43.58         | -13         | H            |
| 3176.4          | -52.03     | 6.1       | 6.9      | -51.23         | -13         | H            |

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|        |        |     |     |        |     |   |
|--------|--------|-----|-----|--------|-----|---|
| 3991.6 | -54.94 | 6.9 | 8.6 | -53.24 | -13 | H |
| 4804.0 | -53.14 | 7.6 | 9.0 | -51.74 | -13 | H |
| 5553.2 | -53.41 | 8.2 | 9.8 | -51.81 | -13 | H |

**RSE-LTE26-L-816.5**

| Frequency (MHz) | PMea (dBm) | Pcl (dBm) | Ga (dBd) | Test Result (dBm) | Limit (dBm) | Margin(dBm) | Polarization |
|-----------------|------------|-----------|----------|-------------------|-------------|-------------|--------------|
| 1633.1          | -53.36     | 4.2       | 4.7      | -52.86            | -13         | 39.86       | V            |
| 2449.6          | -45.3      | 5.4       | 5.6      | -45.1             | -13         | 32.10       | H            |
| 3266.0          | -55.5      | 6.1       | 6.9      | -54.7             | -13         | 41.70       | V            |
| 4082.4          | -55.97     | 7.0       | 8.6      | -54.37            | -13         | 41.37       | H            |
| 4899.2          | -53.88     | 7.7       | 9.6      | -51.98            | -13         | 38.98       | V            |
| 5715.6          | -55.83     | 8.5       | 10.2     | -54.13            | -13         | 41.13       | H            |

**RSE-LTE26-M-819**

| Frequency (MHz) | PMea (dBm) | Pcl (dBm) | Ga (dBd) | Test Result (dBm) | Limit (dBm) | Margin(dBm) | Polarization |
|-----------------|------------|-----------|----------|-------------------|-------------|-------------|--------------|
| 1638.3          | -53.86     | 4.2       | 4.7      | -53.36            | -13         | 40.36       | V            |
| 2457.3          | -45.22     | 5.4       | 5.6      | -45.02            | -13         | 32.02       | H            |
| 3276.0          | -55.03     | 6.2       | 6.9      | -54.33            | -13         | 41.33       | V            |
| 4095.2          | -55.87     | 7.0       | 8.6      | -54.27            | -13         | 41.27       | H            |
| 4914.0          | -54.51     | 7.7       | 9.6      | -52.61            | -13         | 39.61       | H            |
| 5733.2          | -55.58     | 8.5       | 10.2     | -53.88            | -13         | 40.88       | H            |

**RSE-LTE26-H-821.5**

| Frequency (MHz) | PMea (dBm) | Pcl (dBm) | Ga (dBd) | Test Result (dBm) | Limit (dBm) | Margin(dBm) | Polarization |
|-----------------|------------|-----------|----------|-------------------|-------------|-------------|--------------|
| 1643.1          | -53.25     | 4.2       | 4.7      | -52.75            | -13         | 39.75       | H            |
| 2464.6          | -45.94     | 5.4       | 5.6      | -45.74            | -13         | 32.74       | H            |
| 3286.8          | -54.17     | 6.2       | 6.9      | -53.47            | -13         | 40.47       | V            |

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|        |        |     |      |        |     |       |   |
|--------|--------|-----|------|--------|-----|-------|---|
| 4107.6 | -55.1  | 7.0 | 8.6  | -53.5  | -13 | 40.50 | V |
| 4929.2 | -54.23 | 7.7 | 9.6  | -52.33 | -13 | 39.33 | H |
| 5750.4 | -55.26 | 8.5 | 10.2 | -53.56 | -13 | 40.56 | H |

Note: Only worse case is recorded in this report.

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## **Annex A EUT Photos**

See the document "24B02W000037-External Photos".

See the document "24B02W000037-Internal Photos".

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## **Annex B Deviations from Prescribed Test Methods**

No deviation from Prescribed Test Methods.

**\*\*\*END OF REPORT\*\*\***

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