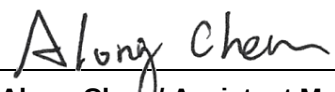


# FCC C2PC Test Report

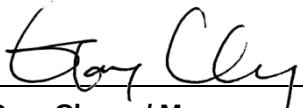
**FCC ID** : RF41539C  
**Equipment** : Handheld Terminal  
**Model No.** : DX-A400  
**Brand Name** : KEYENCE  
**Applicant** : KEYENCE CORPORATION  
**Address** : 1-3-14 HIGASHI-NAKAJIMA,  
HIGASHI-YODOGAWA-KU, OSAKA, JAPAN  
**Standard** : 47 CFR FCC Part 27  
**Received Date** : Jul. 06, 2023  
**Tested Date** : Jul. 15 ~ Jul. 17, 2023

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

  
Along Chen / Assistant Manager

Approved by:

  
Gary Chang / Manager

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### APPENDIX A TEST RESULTS FOR RADIATED EMISSIONS

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## Release Record

| Report No.     | Version | Description   | Issued Date   |
|----------------|---------|---------------|---------------|
| FG162103-02P27 | Rev. 01 | Initial issue | Aug. 10, 2023 |

## Summary of Test Results

| FCC Rules         | Test Items         | Measured                      | Result |
|-------------------|--------------------|-------------------------------|--------|
| 2.1053 / 27.53(h) | Radiated Emissions | Meet the requirement of limit | Pass   |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

# 1 General Description

## 1.1 Information

This is a Class II Permissive Change report (C2PC).  
This report is issued as a supplementary report to original ICC report no. FG162103P27. The difference is changing components of LPDDR & eMMC.

### 1.1.1 Specification of the Equipment under Test (EUT)

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Operating Frequency</b> | LTE Band 4: 1710 MHz ~ 1755 MHz |
| <b>Modulation</b>          | QPSK, 16QAM (Uplink)            |

### 1.1.2 Antenna Details

| Ant. No. | Type | Gain (dBi) | Connector | Remark |
|----------|------|------------|-----------|--------|
| 1        | PIFA | 1.86       | No        | ---    |

### 1.1.3 Power Supply Type of Equipment under Test (EUT)

|                             |                                                  |                                                   |                                                   |
|-----------------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| <b>Supply Voltage</b>       | 3.8Vdc                                           |                                                   |                                                   |
| <b>Operational Voltage</b>  | <input checked="" type="checkbox"/> Vnom (3.8 V) | <input checked="" type="checkbox"/> Vmax (3.99 V) | <input checked="" type="checkbox"/> Vmin (3.61 V) |
| <b>Operational Climatic</b> | <input checked="" type="checkbox"/> Tnom (20°C)  | <input checked="" type="checkbox"/> Tmax (50°C)   | <input checked="" type="checkbox"/> Tmin (-30°C)  |

### 1.1.4 Accessories

| Accessories |           |                                                                     |
|-------------|-----------|---------------------------------------------------------------------|
| No.         | Equipment | Description                                                         |
| 1           | Battery   | Brand: KEYENCE<br>Model: DX-BQ3<br>Rating: 3.8Vdc (11.51Wh) 3030mAh |

### 1.1.5 Operating Channel List

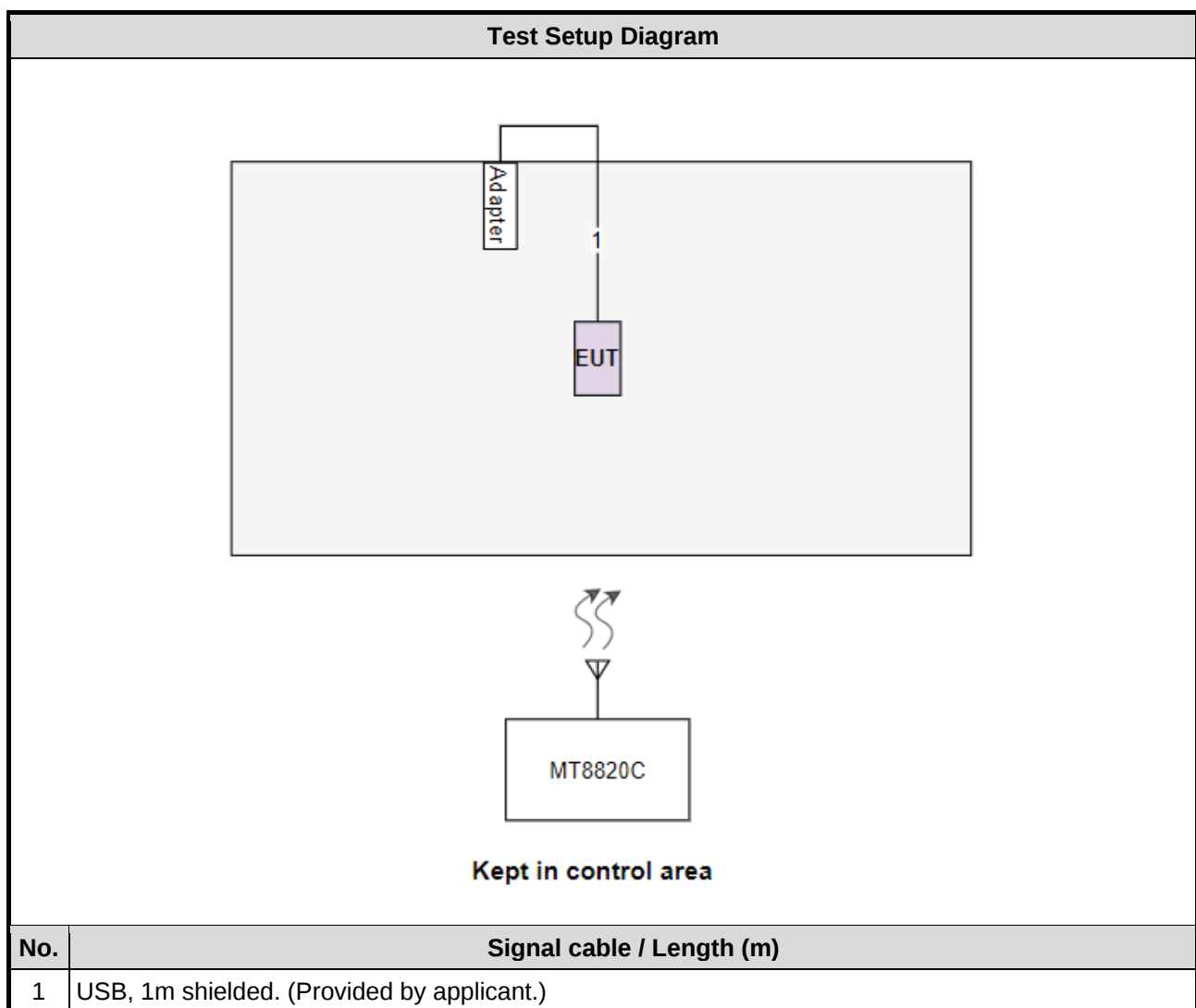
| LTE Band 4              |         |                 |
|-------------------------|---------|-----------------|
| Channel Bandwidth (MHz) | Channel | Frequency (MHz) |
| 1.4                     | 19957   | 1710.7          |
| 1.4                     | 20175   | 1732.5          |
| 1.4                     | 20393   | 1754.3          |
| 3                       | 19965   | 1711.5          |
| 3                       | 20175   | 1732.5          |
| 3                       | 20385   | 1753.5          |
| 5                       | 19975   | 1712.5          |
| 5                       | 20175   | 1732.5          |
| 5                       | 20375   | 1752.5          |
| 10                      | 20000   | 1715.0          |
| 10                      | 20175   | 1732.5          |
| 10                      | 20350   | 1750.0          |
| 15                      | 20025   | 1717.5          |
| 15                      | 20175   | 1732.5          |
| 15                      | 20325   | 1747.5          |
| 20                      | 20050   | 1720.0          |
| 20                      | 20175   | 1732.5          |
| 20                      | 20300   | 1745.0          |

## 1.2 Local Support Equipment List

| Support Equipment List |           |         |             |        |                                                                                       |
|------------------------|-----------|---------|-------------|--------|---------------------------------------------------------------------------------------|
| No.                    | Equipment | Brand   | Model       | FCC ID | Remarks                                                                               |
| 1                      | Adapter   | PHIHONG | PSA10F-050Q | ---    | Provided by applicant.<br>Input: 100-240V~ 50/60Hz, 0.35A<br>Output: 5.0V=2.0A, 10.0W |

Note: Adapter is used for charging only.

## 1.3 Test Setup Chart



## 1.4 The Equipment List

|                                                                     |                             |                           |                   |                         |                          |
|---------------------------------------------------------------------|-----------------------------|---------------------------|-------------------|-------------------------|--------------------------|
| <b>Test Item</b>                                                    | Radiated Emission           |                           |                   |                         |                          |
| <b>Test Site</b>                                                    | 966 chamber 1 / (03CH01-WS) |                           |                   |                         |                          |
| <b>Tested Date</b>                                                  | Jul. 15 ~ Jul. 17, 2023     |                           |                   |                         |                          |
| <b>Instrument</b>                                                   | <b>Manufacturer</b>         | <b>Model No.</b>          | <b>Serial No.</b> | <b>Calibration Date</b> | <b>Calibration Until</b> |
| Receiver                                                            | R&S                         | ESR3                      | 101657            | Mar. 03, 2023           | Mar. 02, 2024            |
| Loop Antenna                                                        | R&S                         | HFH2-Z2                   | 100330            | Nov. 01, 2022           | Oct. 31, 2023            |
| Bilog Antenna                                                       | SCHWARZBECK                 | VULB9168                  | VULB9168-522      | Aug. 03, 2022           | Aug. 02, 2023            |
| Preamplifier                                                        | EMC                         | EMC02325                  | 980225            | Jun. 28, 2023           | Jun. 27, 2024            |
| Loop Antenna Cable                                                  | KOAX KABEL                  | 101354-BW                 | 101354-BW         | Oct. 04, 2022           | Oct. 03, 2023            |
| LF cable 3M                                                         | Woken                       | CFD400NL-LW               | CFD400NL-001      | Oct. 04, 2022           | Oct. 03, 2023            |
| LF cable 11M                                                        | EMC                         | EMCCFD400-NW-N<br>W-11000 | 200801            | Oct. 04, 2022           | Oct. 03, 2023            |
| LF cable 1M                                                         | EMC                         | EMCCFD400-NM-N<br>M-1000  | 160502            | Oct. 04, 2022           | Oct. 03, 2023            |
| Measurement Software                                                | AUDIX                       | e3                        | 6.120210g         | NA                      | NA                       |
| Radio Communication Analyzer                                        | Anritsu                     | MT8820C                   | 6201240341        | Oct. 31, 2022           | Oct. 30, 2023            |
| Note: Calibration Interval of instruments listed above is one year. |                             |                           |                   |                         |                          |

## 1.5 Test Standards

47 CFR FCC Part 27  
ANSI C63.26-2015

## 1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01  
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01  
FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

## 1.7 Deviation from Test Standard and Measurement Procedure

None

## 1.9 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ )).

| Measurement Uncertainty              |                      |
|--------------------------------------|----------------------|
| Parameters                           | Uncertainty          |
| Radiated emission $\leq 1\text{GHz}$ | $\pm 3.41\text{ dB}$ |

## 2 Test Configuration

### 2.1 Testing Condition and Location Information

| Test Item          | Test Site | Ambient Condition | Tested By |
|--------------------|-----------|-------------------|-----------|
| Radiated Emissions | 03CH01-WS | 26°C / 63%        | Sean Yu   |

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISSED#: 10807A
- CAB identifier: TW2732

### 2.2 Testing Facility

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Test Laboratory      | International Certification Corp.                                                         |
| Test Site            | 03CH01-WS                                                                                 |
| Address of Test Site | No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 33381, Taiwan, R.O.C. |

### 2.3 The Worst Test Modes and Channel Details

| LTE Band 4                                                                                                                                                                                                                         |                   |            |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|--------------|
| Test item                                                                                                                                                                                                                          | Channel Bandwidth | Modulation | Test channel |
| Radiated Emission ≤ 1GHz                                                                                                                                                                                                           | 1.4 MHz           | QPSK       | 19957        |
|                                                                                                                                                                                                                                    | 3 MHz             | QPSK       | 20175        |
|                                                                                                                                                                                                                                    | 5 MHz             | QPSK       | 19975        |
|                                                                                                                                                                                                                                    | 10 MHz            | QPSK       | 20175        |
|                                                                                                                                                                                                                                    | 15 MHz            | QPSK       | 20025        |
|                                                                                                                                                                                                                                    | 20 MHz            | QPSK       | 20175        |
| <b>NOTE:</b><br>1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The <b>X-plane</b> results were found as the worst case and were shown in this report. |                   |            |              |

## **3 Test Results**

### **3.1 Radiated Emissions**

#### **3.1.1 Limit of Radiated Emissions**

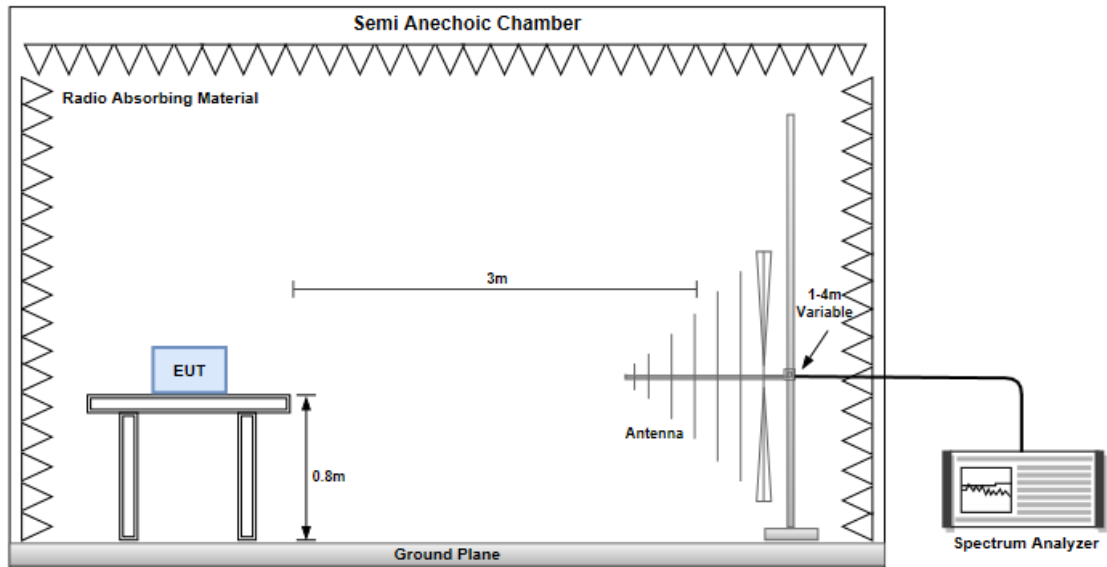
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB equal to -13 dBm.

#### **3.1.2 Test Procedures**

1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable.

### 3.1.3 Test Setup

#### Radiated Emissions below 1 GHz



### 3.1.4 Test Result of Radiated Emissions

Refer to Appendix A.

## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan  
(R.O.C.)

### **Kwei Shan**

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)  
No.2-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC\_Service@icertifi.com.tw

==END==

**Test Result of Radiated Emissions below 1GHz**

| Mode            | LTE Band 4, QPSK, CB:1.4 MHz, 1 RB, Channel: 19957 |               |             |             |                   |                       |                        |
|-----------------|----------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                   | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 33.88           | H                                                  | -68.17        | -13         | -55.17      | -73.5             | -52.11                | -16.06                 |
| 43.58           | H                                                  | -71.08        | -13         | -58.08      | -75.8             | -56.21                | -14.87                 |
| 51.34           | H                                                  | -73.47        | -13         | -60.47      | -76.93            | -59.78                | -13.69                 |
| 140.58          | H                                                  | -76           | -13         | -63         | -76.17            | -72.59                | -3.41                  |
| 215.27          | H                                                  | -74.78        | -13         | -61.78      | -74.12            | -77.39                | 2.61                   |
| 249.22          | H                                                  | -74.88        | -13         | -61.88      | -75.46            | -77.64                | 2.76                   |
| 33.88           | V                                                  | -60.68        | -13         | -47.68      | -60.19            | -44.62                | -16.06                 |
| 49.4            | V                                                  | -65.05        | -13         | -52.05      | -65.14            | -50.93                | -14.12                 |
| 90.14           | V                                                  | -65.62        | -13         | -52.62      | -66.67            | -63.19                | -2.43                  |
| 154.16          | V                                                  | -71.77        | -13         | -58.77      | -76.43            | -68.63                | -3.14                  |
| 199.75          | V                                                  | -73.65        | -13         | -60.65      | -75.62            | -76.16                | 2.51                   |
| 311.3           | V                                                  | -74.64        | -13         | -61.64      | -76.55            | -77.73                | 3.09                   |

| Mode            | LTE Band 4, QPSK, CB:3 MHz, 1 RB, Channel: 20175 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                 | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 33.88           | H                                                | -68.48        | -13         | -55.48      | -73.81            | -52.42                | -16.06                 |
| 43.73           | H                                                | -71.22        | -13         | -58.22      | -75.92            | -56.36                | -14.86                 |
| 51.66           | H                                                | -72.58        | -13         | -59.58      | -75.94            | -58.97                | -13.61                 |
| 140.66          | H                                                | -75.44        | -13         | -62.44      | -75.61            | -72.03                | -3.41                  |
| 218.26          | H                                                | -73.28        | -13         | -60.28      | -72.73            | -75.9                 | 2.62                   |
| 249.48          | H                                                | -74.47        | -13         | -61.47      | -75.06            | -77.23                | 2.76                   |
| 33.88           | V                                                | -60.77        | -13         | -47.77      | -60.28            | -44.71                | -16.06                 |
| 49.62           | V                                                | -65.23        | -13         | -52.23      | -65.31            | -51.14                | -14.09                 |
| 90.43           | V                                                | -65.73        | -13         | -52.73      | -66.77            | -63.31                | -2.42                  |
| 154.26          | V                                                | -71.68        | -13         | -58.68      | -76.34            | -68.54                | -3.14                  |
| 199.54          | V                                                | -73.24        | -13         | -60.24      | -75.23            | -75.72                | 2.48                   |
| 311.51          | V                                                | -74.42        | -13         | -61.42      | -76.34            | -77.51                | 3.09                   |

NOTE: EIRP = S.G power value + correction factor

| Mode            | LTE Band 4, QPSK, CB:5 MHz, 1 RB, Channel: 19975 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                 | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 33.88           | H                                                | -68.26        | -13         | -55.26      | -73.59            | -52.2                 | -16.06                 |
| 44.64           | H                                                | -72.16        | -13         | -59.16      | -76.8             | -57.36                | -14.8                  |
| 56.38           | H                                                | -75.41        | -13         | -62.41      | -77.12            | -63.01                | -12.4                  |
| 149.18          | H                                                | -75.16        | -13         | -62.16      | -75.1             | -71.92                | -3.24                  |
| 207.47          | H                                                | -74.33        | -13         | -61.33      | -73.39            | -76.9                 | 2.57                   |
| 321.21          | H                                                | -74.38        | -13         | -61.38      | -75.47            | -77.59                | 3.21                   |
| 33.88           | V                                                | -60.83        | -13         | -47.83      | -60.34            | -44.77                | -16.06                 |
| 49.62           | V                                                | -66.51        | -13         | -53.51      | -66.59            | -52.42                | -14.09                 |
| 90.28           | V                                                | -66.42        | -13         | -53.42      | -67.47            | -64                   | -2.42                  |
| 105.76          | V                                                | -70.23        | -13         | -57.23      | -71.42            | -67.53                | -2.7                   |
| 114.39          | V                                                | -68.47        | -13         | -55.47      | -70.6             | -65.53                | -2.94                  |
| 175.28          | V                                                | -72.33        | -13         | -59.33      | -76.56            | -71.44                | -0.89                  |

| Mode            | LTE Band 4, QPSK, CB:10 MHz, 1 RB, Channel: 20175 |               |             |             |                   |                       |                        |
|-----------------|---------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                  | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 33.88           | H                                                 | -68.28        | -13         | -55.28      | -73.61            | -52.22                | -16.06                 |
| 43.47           | H                                                 | -70.76        | -13         | -57.76      | -75.48            | -55.88                | -14.88                 |
| 51.46           | H                                                 | -72.26        | -13         | -59.26      | -75.68            | -58.6                 | -13.66                 |
| 142.27          | H                                                 | -75.16        | -13         | -62.16      | -75.28            | -71.78                | -3.38                  |
| 216.23          | H                                                 | -74.62        | -13         | -61.62      | -74               | -77.23                | 2.61                   |
| 249.53          | H                                                 | -74.42        | -13         | -61.42      | -75.01            | -77.18                | 2.76                   |
| 33.88           | V                                                 | -60.73        | -13         | -47.73      | -60.24            | -44.67                | -16.06                 |
| 49.58           | V                                                 | -65.23        | -13         | -52.23      | -65.31            | -51.14                | -14.09                 |
| 90.26           | V                                                 | -65.47        | -13         | -52.47      | -66.52            | -63.05                | -2.42                  |
| 154.23          | V                                                 | -71.66        | -13         | -58.66      | -76.32            | -68.52                | -3.14                  |
| 199.58          | V                                                 | -73.26        | -13         | -60.26      | -75.25            | -75.74                | 2.48                   |
| 312.16          | V                                                 | -74.42        | -13         | -61.42      | -76.36            | -77.52                | 3.1                    |

NOTE: EIRP = S.G power value + correction factor

| Mode            | LTE Band 4, QPSK, CB:15 MHz, 1 RB, Channel: 20025 |               |             |             |                   |                       |                        |
|-----------------|---------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                  | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 33.88           | H                                                 | -68.21        | -13         | -55.21      | -73.54            | -52.15                | -16.06                 |
| 44.64           | H                                                 | -72.16        | -13         | -59.16      | -76.8             | -57.36                | -14.8                  |
| 56.29           | H                                                 | -75.06        | -13         | -62.06      | -76.8             | -62.59                | -12.47                 |
| 149.25          | H                                                 | -75.47        | -13         | -62.47      | -75.41            | -72.23                | -3.24                  |
| 207.53          | H                                                 | -75.61        | -13         | -62.61      | -74.67            | -78.18                | 2.57                   |
| 321.18          | H                                                 | -74.48        | -13         | -61.48      | -75.57            | -77.69                | 3.21                   |
| 33.88           | V                                                 | -60.86        | -13         | -47.86      | -60.37            | -44.8                 | -16.06                 |
| 49.58           | V                                                 | -66.47        | -13         | -53.47      | -66.55            | -52.38                | -14.09                 |
| 90.26           | V                                                 | -66.58        | -13         | -53.58      | -67.63            | -64.16                | -2.42                  |
| 105.48          | V                                                 | -70.23        | -13         | -57.23      | -71.39            | -67.54                | -2.69                  |
| 114.38          | V                                                 | -68.52        | -13         | -55.52      | -70.65            | -65.58                | -2.94                  |
| 176.28          | V                                                 | -71.52        | -13         | -58.52      | -75.72            | -70.77                | -0.75                  |

| Mode            | LTE Band 4, QPSK, CB:20 MHz, 1 RB, Channel: 20175 |               |             |             |                   |                       |                        |
|-----------------|---------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                  | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 33.88           | H                                                 | -68.01        | -13         | -55.01      | -73.34            | -51.95                | -16.06                 |
| 44.55           | H                                                 | -72.38        | -13         | -59.38      | -77.03            | -57.57                | -14.81                 |
| 56.19           | H                                                 | -75.13        | -13         | -62.13      | -76.91            | -62.64                | -12.49                 |
| 149.31          | H                                                 | -75.89        | -13         | -62.89      | -75.83            | -72.65                | -3.24                  |
| 207.51          | H                                                 | -75.78        | -13         | -62.78      | -74.84            | -78.35                | 2.57                   |
| 320.03          | H                                                 | -74.82        | -13         | -61.82      | -75.88            | -78.01                | 3.19                   |
| 33.88           | V                                                 | -60.99        | -13         | -47.99      | -60.5             | -44.93                | -16.06                 |
| 49.4            | V                                                 | -66.21        | -13         | -53.21      | -66.3             | -52.09                | -14.12                 |
| 90.14           | V                                                 | -66.21        | -13         | -53.21      | -67.26            | -63.78                | -2.43                  |
| 105.66          | V                                                 | -70.41        | -13         | -57.41      | -71.59            | -67.71                | -2.7                   |
| 114.39          | V                                                 | -68.3         | -13         | -55.3       | -70.43            | -65.36                | -2.94                  |
| 174.53          | V                                                 | -72.44        | -13         | -59.44      | -76.7             | -71.44                | -1                     |

NOTE: EIRP = S.G power value + correction factor