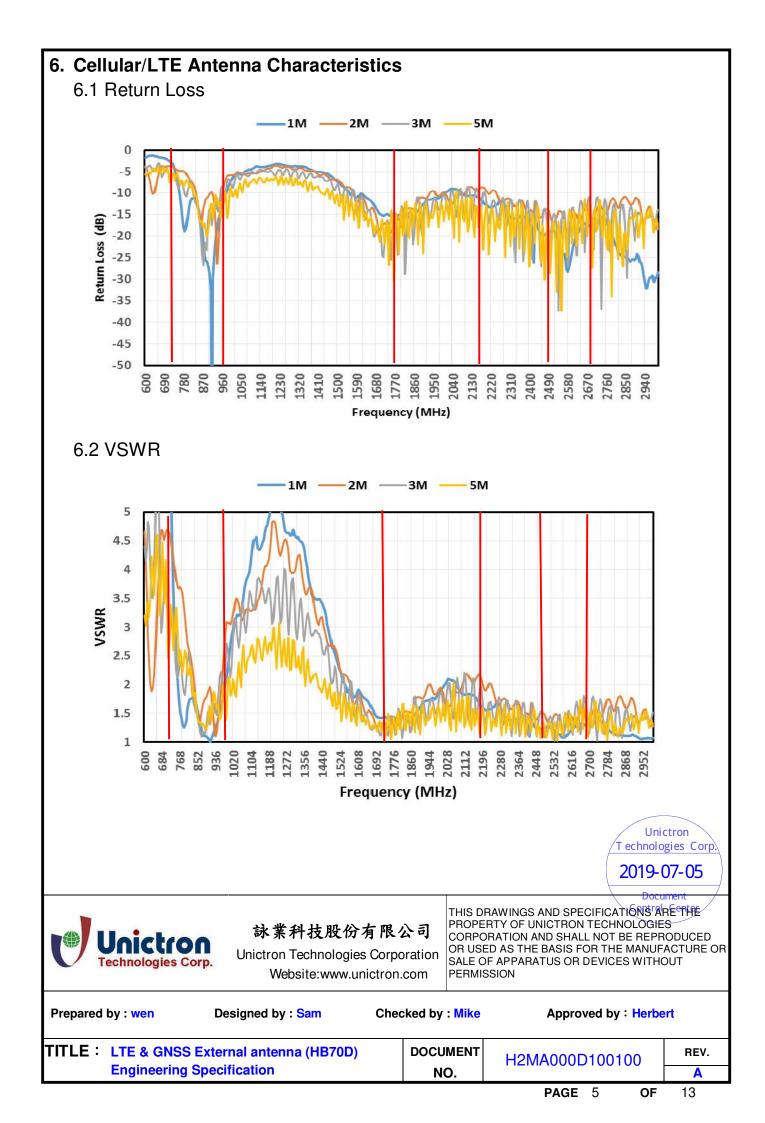
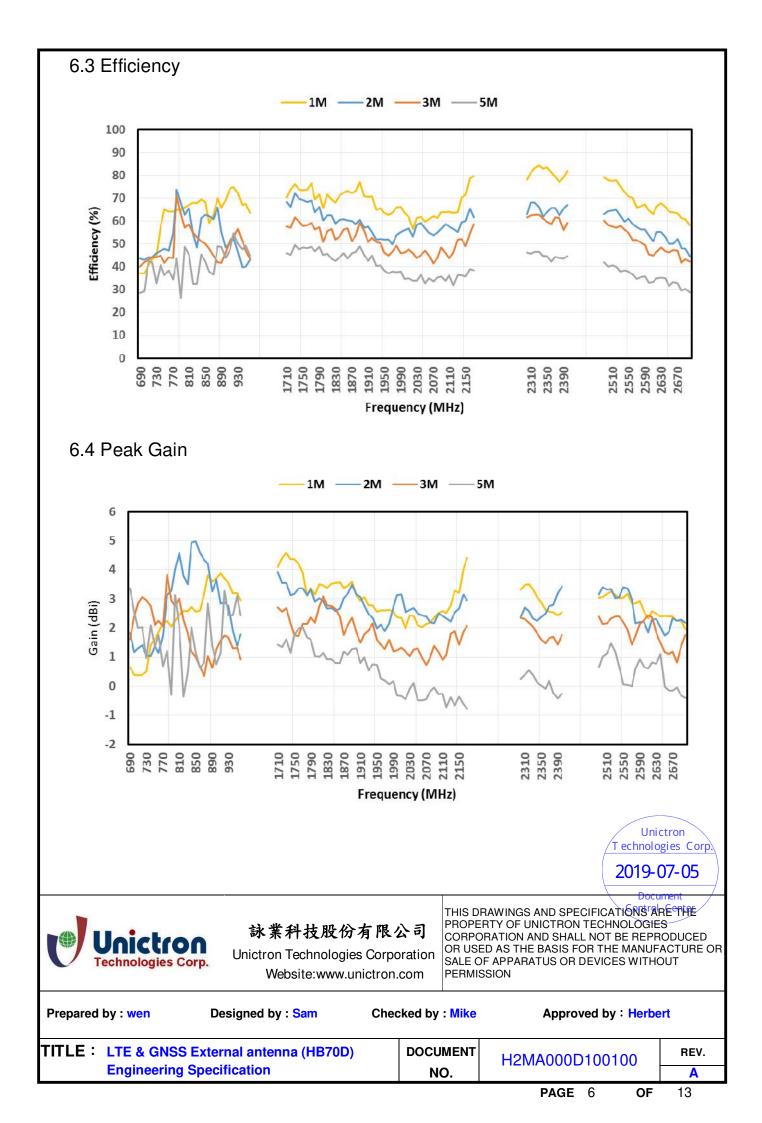


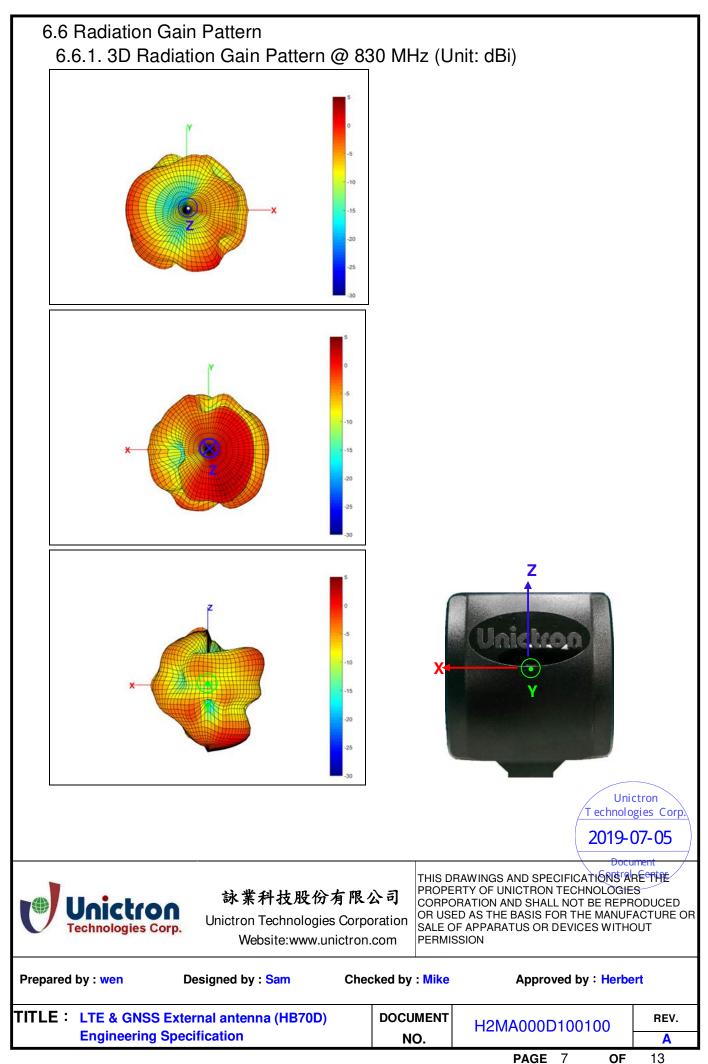
|                       | CELLU                     | JLAR/4G LTE A                                   | NTENNA  |  |  |  |  |
|-----------------------|---------------------------|---|---|--|--|--|--|
| Frequency<br>(MHz)    | 698~<br>960               | 1710~<br>2170                                   | 2300~<br>2400   | 2500~<br>2700  |  |  |  |
| Efficiency<br>(%)     | 52.8                      | 59.2  | 65.1  | 55.8   |  |  |  |
| Average<br>Gain(dB)   | -2.8                      | -2.2  | -1.8  | -2.5   |  |  |  |
| Peak Gain(dBi)        | 2.7                       | 2.7   | 2.6   | 2.5  |  |  |  |
| Impedance( $\Omega$ ) |                           | 50  |   |  |  |  |  |
| Polarization          |                           | Line  | ear   |  |  |  |  |
| VSWR                  | <3.5                      |   |   |  |  |  |  |
| Cable                 | 2M LMR 200 low loss cable |   |   |  |  |  |  |
| Connector             |                           | SMA(M   | Л) ST   |  |  |  |  |
|                       |                           |   |   |  |  |  |  |
|                       |                           | 四份右限入司 PR                                       | IS DRAWINGS AND SPEC<br>OPERTY OF UNICTRON T  | ECHNOLOGIES  |  |  |  |
| Prepared by : wen     | Unictron Techno           | <mark>役份有限公司</mark><br>CC<br>logies Corporation | OPERTY OF UNICTRON T<br>PRORATION AND SHALL<br>USED AS THE BASIS FOI<br>LE OF APPARATUS OR DI<br>RMISSION | T echnologies Cor<br>2019-07-05<br>Document<br>IFICATIONSTARE<br>ECHNOLOGIES<br>NOT BE REPRODUCED<br>R THE MANUFACTURE |  |  |  |

|                                | GNSS NAVIGA         | TION ANTE   | ENNA  |                                 |  |
|--------------------------------|---------------------|---|---|---------------------------------|--|
| Navigation                     | GPS                 |   | GLONASS   |                                 |  |
| Center<br>Frequency(MHz)       | 1575.42             |   | 1602  |                                 |  |
| Gain(dBiC)                     | 4 Тур.              |   |   |                                 |  |
| VSWR                           | < 2.0 Typ           |   |   |                                 |  |
| Impedance( $\Omega$ )          | 50                  |   |   |                                 |  |
| Polarization                   | RHCP                |   |   |                                 |  |
|                                | LNA ELECTRIC        | AL PROPE  | RTIES   |                                 |  |
| Center<br>Frequency(MHz)       | 1575.42             |   | 1602  |                                 |  |
| Gain(dB)                       | 19 Тур.             |   | 16 Тур.   |                                 |  |
| Noise Figure(dB)               | 2.5 Тур.            |   |   |                                 |  |
| Output VSWR                    | < 2.5               |   |   |                                 |  |
| DC Input<br>Voltage(V)         | 3.3                 |   |   |                                 |  |
| Current<br>Consumption         | 10 mA Typ. @ 3.3V   |   |   |                                 |  |
| *Exclude cable loss            |                     |   |   |                                 |  |
|                                |                     | THIS D  | T echnolo<br>2019-  | 07-05                           |  |
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| Prepared by : wen              |                     | ecked by : Mike   | Approved by : Herbo   | ert<br>REV                      |  |
| Engineering Sp                 |                     | NO.   | H2MA000D100100  | REV                             |  |

|  | MECHAN   | IICAL   |   |                          |  |  |
|--|--|---|---|--------------------------|--|--|
| Antenna<br>Dimensions  | 70 * 70 * 17 mm  |   |   |                          |  |  |
| Cable type*  | GPS &GLO   | LTE : LMR-200<br>&GLONASS NAVIGATION : RG-174 |   |                          |  |  |
| Cable Length*  |  | 2M  |   |                          |  |  |
| Connector*   |  | SMA(M   | ) ST  |                          |  |  |
| Mounting Type  |  | Adhesive                                      | mount   |                          |  |  |
| *The connector, cab  | le length, and cable type c  | an be tailor                                  | made upon request.  |                          |  |  |
|  | ENVIRONM   | IENTAL  |   |                          |  |  |
| Operation<br>Temperature   |  | -40~+10                                       | 05 ℃  |                          |  |  |
| Storage<br>Temperature   |  | -40~+10                                       | 05 ℃  |                          |  |  |
|  |  | THIS D  | T echnolo<br>2019-  | ument                    |  |  |
| Victor Vi | 詠業科技股份有限。<br>Unictron Technologies Corp<br>Website:www.unictron<br>Designed by : Sam Che | 公司<br>PROPE<br>CORPC<br>OR USE<br>SALE C      | RTY OF UNICTRON TECHNOLOGIE<br>DRATION AND SHALL NOT BE REPF<br>ED AS THE BASIS FOR THE MANUF<br>DF APPARATUS OR DEVICES WITH | ES<br>RODUCED<br>FACTURE |  |  |
|  |  |   |   | ert                      |  |  |







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