



# GB4eU7 RFID Inlay

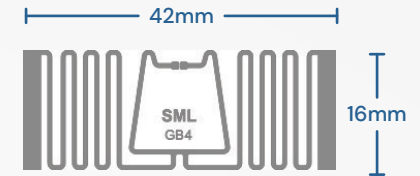
## Product Spec Sheet

### Applications

Apparel - Baggage - Denim - Footwear - Polybags - Retail

### Key Benefits

- ✓ Pre-Serialization of 96 bit EPC
- ✓ Excellent Performance
- ✓ Compact Antenna Size
- ✓ Robust Performance on Variety of Materials

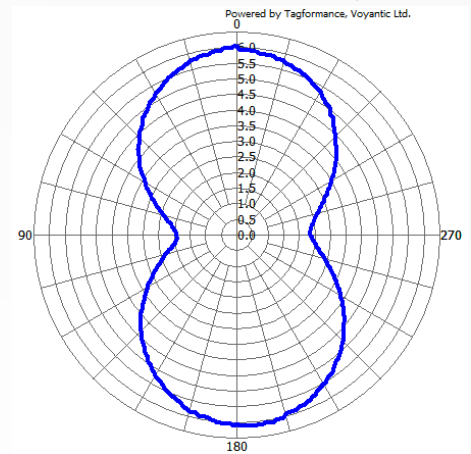


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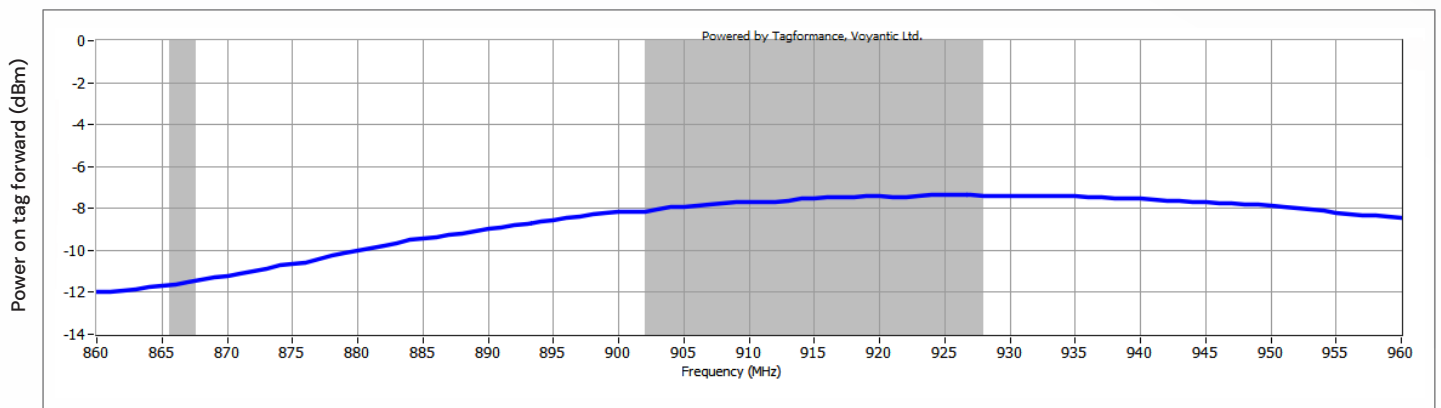
### Technical Features

|                              |  |
|------------------------------|--|
| Antenna Size / Web Width     | 42 X 16 mm [1.65 X 0.63 in] / 65 mm [2.56 in]  |
| Integrated Circuit (IC) Type | NXP UCODE 7  |
| Operating Frequency          | 860 - 960MHz   |
| RF Communications Protocol   | ISO/IEC 18000-63 and EPC Global Class 1 Gen2   |
| ARC Approved Spec            | I, K, Q  |
| Chip Memory                  | 128 bits EPC   |
| Inlay Substrate Material     | PET  |
| IC Features                  | Parallel Encoding, Self Serialization, 48 bit TID Unique Serial, 32 bit User Memory [Optional] |
| Read Sensitivity             | -21 dBm  |
| Write Sensitivity            | -16 dBm  |
| Operating Temperature        | -5°C to 60°C / 23°F to 140°F   |
| Operating Humidity           | 20% - 60% RH   |

### Orientation Read Range (m)



### Sensitivity Results from Free Space (dBm)



For more information, please contact us at [sml.com/requestinfo](http://sml.com/requestinfo).



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