Brand Name Only ("Salient Characteristics")

Brand Name Only Item: PillCam DR3

1) Medtronic
2) **Essential/significant physical, functional, or performance characteristics.**
   a) **Compatibility –** *The product is compatible with National VA standards for capsule endoscopy systems, including associated data recorders, workstations, and accessories.*
   b) **Dimensions-Not in IFU**
   c) **Weight –** 500g including battery pack
   d) **Industry Standard –** *The industry standard should include the following characteristics for Endoscopy:*
      i) ***Recording Capacity:*** *Up to 15 hours @ LCD OFF*
      ii) ***Operational Power:*** *3V – 4.2V DC, 0.33A – 0.79A*
      iii) ***Battery Type:*** *Internal, Li-ion, 3.7V typical, 8,000 mAh*
      iv) ***Operating Temperature:*** *0–40°C*
      v) ***Storage Temperature:*** *0–55°C*
      vi) ***Storage & Operating Humidity:*** *Up to 85%*
      vii) ***Storage & Operating Pressure:*** *790–520 mmHg*
      viii) ***Receiver Operating Frequency:*** *434.1 MHz*
      ix) ***Receiver Bandwidth:*** *10 MHz*
      x) ***Transmitter Operating Frequency:*** *13.6 MHz (ISM Band)*
      xi) ***Modulation Type:*** *Linear Chirp (Digital data)*
      i) ***Effective Radiated Power:*** *-27.4 dBm*
   b) **Purpose –** *To provide a non-invasive capsule endoscopy solution for visualizing the gastrointestinal tract, enabling the detection, diagnosis, and monitoring of GI conditions and diseases, including Crohn's disease, polyps, bleeding, and other abnormalities, without the need for sedation or traditional endoscopic procedures..*
   c) **Governing Body or Organization –***N/A*

Complete generic identification – Generic cautery unit identification:

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ii) ***Operational Power:*** *3V – 4.2V DC, 0.33A – 0.79A*
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xii) ***Effective Radiated Power:*** *-27.4 dBm*

Brand Name Only ("Salient Characteristics")

2) **Applicable model/make/catalog number –** PillCam DR3

3) **Manufacturer name –** *Medtronic*