



**SPK ELECTRONICS CO., LTD.**

## **Iridium Antenna Specification**

**( Model NO.: SPK-IRIDIUMANT-003)**



### **( I ) Product Overview**

Frequency ( MHz ) : 1616-1626

Impedance (  $\Omega$  ) : 50

Peak Gain > 3dBi Based on 7cmx7cm ground plane

Gain Coverage > -4dBi at  $-90^\circ < 0 < +90^\circ$  (over 75% Volume)

### **( II ) Mechanical**

Weight ( gram ) < 130

Size ( mm ) : 70x70x14

Cable Length ( m ) : 2,5

Cable Type : RG174

Connector : SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX etc.

### **( III ) Environmental**

Working Temp :  $-40^\circ\text{C} \sim +85^\circ\text{C}$

Storage Temp :  $-45^\circ\text{C} \sim +100^\circ\text{C}$

Vibration : Sine sweep 1g(0-p)10~50~10Hz each axis

Humidity : Humidity 95%~100%RH

Weatherproof : 100% Waterproof

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