Cambridge Consultants Ltd
Science Park
Milton Road
Cambridge
England CB4 0DW
Tel: +44 (0)1223 420024
Fax: +44 (0)1223 423373

info@CambridgeConsultants.com
www.CambridgeConsultants.com

TUV SUD BABT FCB
Octagon House,
Segensworth Road,
Fareham,
Hampshire,
PO15 5RL

15 August 2018

Your ref: Q639555N / 4629A-9555N

Our ref: P1638-REGA-068 v1.0

Dear Sir / Madam,

Re: Declaration of 9555N RF exposure compliance when operating with an external passive antenna with gain of less than or equal to 3.0dBi.

FCC ID:	Q639555N
IC certification number:	4629A-9555N
Company:	Iridium Satellite LLC
Product:	9555N

The Iridium 9555N Satellite Phone uses the same transceiver circuit as used in the Iridium Core 9523N Satellite Transceiver Module to provide the RF transceiver functionality. The transmit signal frequency, power (38.2dBm ±0.5dB) and duty cycle at the antenna port connector of the 9555N transceiver board, within the 9555N Satellite Phone, is the same as at the antenna port connector of the 9523N module. The antenna port connector of the 9555N transceiver board connects, via internal cabling and with no additional amplification, to both the 9555N integral antenna and the 9555N external antenna port for connection to an external passive antenna. When the 9555N Satellite Phone is used with the supplied external antenna, MAXTENNA M1621HCT-EXT, or any other passive antenna with a gain of less than or equal to 3.0dBi and operated such that the external antenna is placed at greater than 20cm away from the user, then it will perform in accordance with results of the 9523N RF Exposure Assessment given in TUV Document 75932207 Report 02 Issue 2.

Yours faithfully,

Jonathan Jones

Principal Engineer, RF Systems Group, Wireless and Digital Services Division