














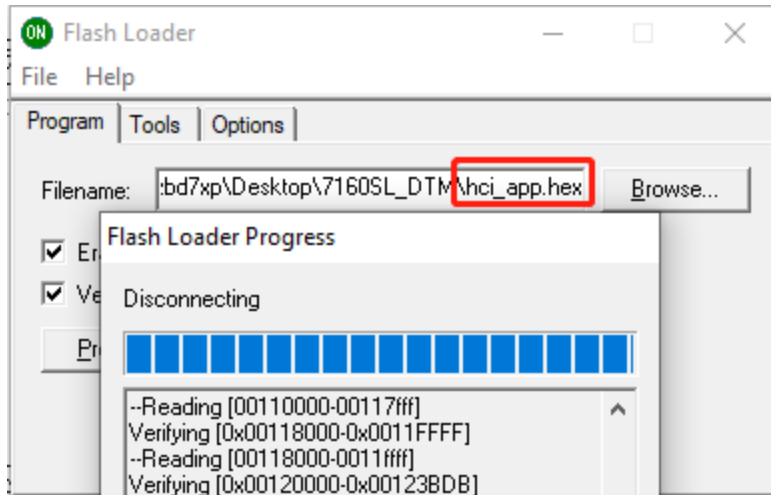


本例用于如何使 E7160sl 进入 DTM 模式进行射频测试，且测试完成后恢复到正常模式。

资源汇总


名称	备注																								
PC 一台	<div>1.安装 Python 2.7.X(32bit 版本)</div> <div><table><tr><td> Python 2.7</td><td>Python Software Foundation</td><td>2.7.150</td><td>50.8 MB</td></tr></table></div> <div>2.</div> <div>E7160SL-PRODUCTION-1.9.1339 > FW_Tools_1.9 > FW_Tools_1.9 > dtm_test</div> <div><table><tr><th>Name</th><th>Date modified</th><th>Type</th><th>Size</th></tr><tr><td> dtm_lib_modified.py</td><td>2/5/2019 10:02 PM</td><td>Python File</td><td>35 KB</td></tr><tr><td> dtm_test.exe</td><td>2/5/2019 11:35 PM</td><td>Application</td><td>3,589 KB</td></tr><tr><td> dtm_test_execution.py</td><td>7/24/2018 10:27 PM</td><td>Python File</td><td>4 KB</td></tr><tr><td> hci_app.hex</td><td>12/19/2018 3:01 AM</td><td>HEX File</td><td>407 KB</td></tr></table></div>	 Python 2.7	Python Software Foundation	2.7.150	50.8 MB	Name	Date modified	Type	Size	 dtm_lib_modified.py	2/5/2019 10:02 PM	Python File	35 KB	 dtm_test.exe	2/5/2019 11:35 PM	Application	3,589 KB	 dtm_test_execution.py	7/24/2018 10:27 PM	Python File	4 KB	 hci_app.hex	12/19/2018 3:01 AM	HEX File	407 KB
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待测设备，即 E7160s I	需与 CAA 或 DSP3 编程器连接																								
测试设备，即 RSL10	需烧写 hci_app.hex																								

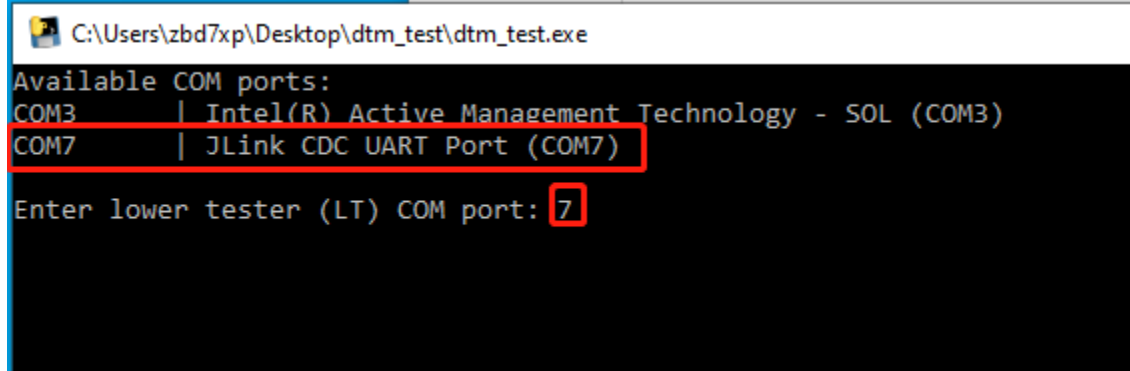
1. RSL10 开发板烧写  hci_app.hex 程序



2. CAA 连接 7160sl EVB 并连接电脑



3. 双击  dtm_test.exe，根据提示输入 RSL10 或者测试设备的 COM 口



等待测试完成即可，完成后该窗口会自动关闭且 E7160sl 将回到助听器状态

```
C:\Users\zbd7xp\Desktop\dtm_test\dtm_test.exe
xonxoff      : False
rtscts       : False
timeout      : 12.5
inter_byte_timeout : None
stopbits     : 1
dsrdtr       : False
write_timeout : None

Reset LT

HCI_LE_RESET | Opcode: 0x0c03
Tx packet: 0x01030c00
Rx packet: 0x040e0405030c00
Extracted: 0x040e0405030c00
Expecting: 0x040e0405030c[ ][ ][ ]



Initialize DUT

Start LT ENH receiver

HCI_LE_ENH_RECEIVER_TEST | Opcode: 0x2033
Tx packet: 0x01332003000200
Rx packet: 0x040e0405332000
Extracted: 0x040e0405332000
Expecting: 0x040e04053320[ ][ ][ ]

Start Timer

Start DUT ENH transmission
```

4. 根据需要修改测试流程可以通过修改  [dtm_lib_modified.py](#) 和  [dtm_test_execution.py](#) 文件