For all IPv6 test cases we are sending WSA over the air with repeat rate of 1 packet every 5 seconds and with the following parameters:
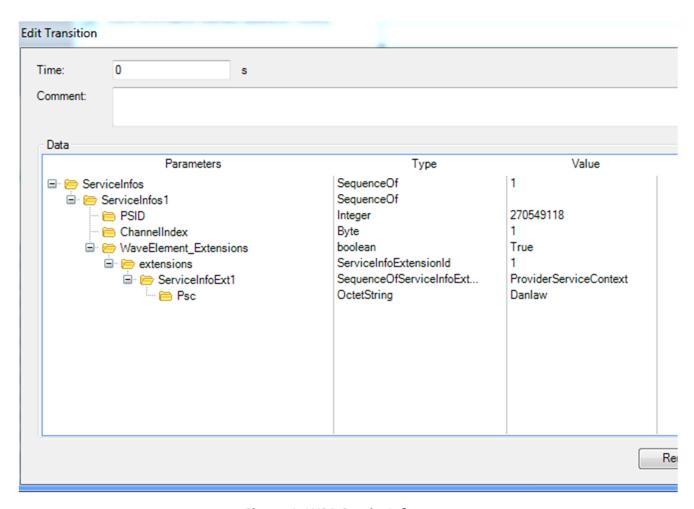

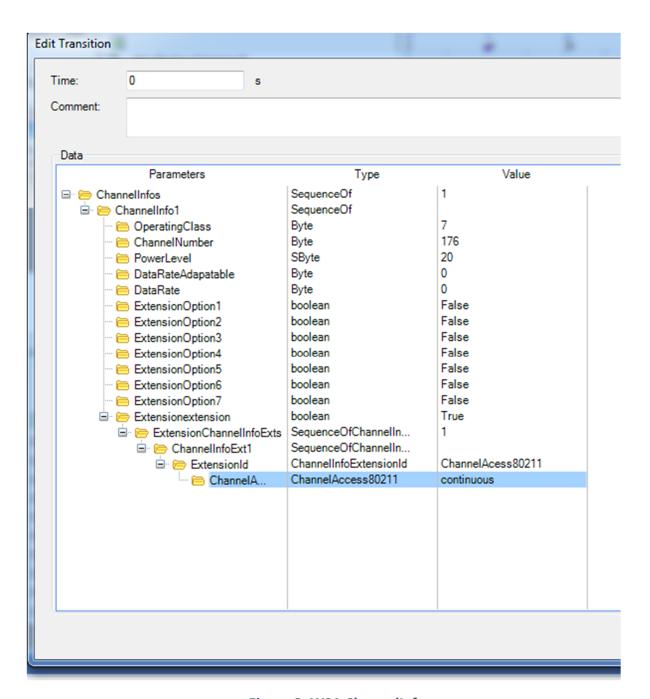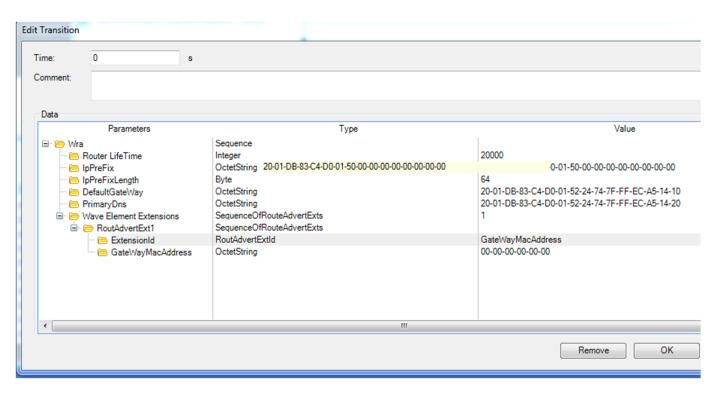*Figure 1. WSA ServiceInfos*

Figure 2. WSA ChannelInfos

Edit Transition

Time: 0 s

Comment:

Data

Parameters	Type	Value
Wra	Sequence	
Router LifeTime	Integer	20000
IpPreFix	OctetString 20-01-DB-83-C4-D0-01-50-00-00-00-00-00-00-00-00	0-01-50-00-00-00-00-00-00-00
IpPreFixLength	Byte	64
DefaultGateWay	OctetString	20-01-DB-83-C4-D0-01-52-24-74-7F-FF-EC-A5-14-10
PrimaryDns	OctetString	20-01-DB-83-C4-D0-01-52-24-74-7F-FF-EC-A5-14-20
Wave Element Extensions	SequenceOfRouteAdvertExts	1
RoutAdvertExt1	SequenceOfRouteAdvertExts	
ExtensionId	RoutAdvertExtId	GateWayMacAddress
GateWayMacAddress	OctetString	00-00-00-00-00-00

Remove OK

Figure 3. WSA WRA

/** Starting Test Case: TP_16093_IP_CFG_BV_01   ***/**

-----------------Message Processing Started-----------------
Time: 1493841594636 ms, 19:59:54:636, Packet Received from test system.
Frame Id: SutCtrlChosen
RequestSutAvailability Message Received

-----------------Message Processing Started-----------------
Time: 1493841595387 ms, 19:59:55:387, Packet Received from test system.
Frame Id: D16093Chosen
Set Initial State Message Received, parameter = true

-----------------Message Processing Started-----------------
Time: 1493841596294 ms, 19:59:56:294, Packet Received from test system.
Frame Id: SutCtrlChosen
Starting Test Case: TP_16093_IP_CFG_BV_01

-----------------Message Processing Started-----------------
Time: 1493841597703 ms, 19:59:57:703, Packet Received from test system.
Frame Id: D16093Chosen
StartWsmRx Message Received
   Channel = 176
   Radio = Radio0
   Timeslot = Continuous
   PSID = 135
   Event Handling
     RxFlag = Don't Match Psid = false, Include PDU = true, Include PDU Params = true
     Event Flag: e16093PktRx
     PDU Frame Type = D16093frame
     Security Flag = BypassSecurityVerification

-----------------Message Processing Started-----------------
Time: 1493841606386 ms, 20:0:6:386, Packet Received from test system.
Frame Id: D16093Chosen
GetIPv6InterfaceInfo Message Received
   Radio = Radio0

/** Starting Test Case: TP_16093_IP_CFG_BV_02   ***/**

-----------------Message Processing Started-----------------
Time: 1493841801278 ms, 20:3:21:278, Packet Received from test system.
Frame Id: SutCtrlChosen
RequestSutAvailability Message Received

-----------------Message Processing Started-----------------
Time: 1493841801666 ms, 20:3:21:666, Packet Received from test system.
Frame Id: D16093Chosen
Set Initial State Message Received, parameter = true

-----------------Message Processing Started-----------------
Time: 1493841802085 ms, 20:3:22:85, Packet Received from test system.
Frame Id: SutCtrlChosen
Starting Test Case: TP_16093_IP_CFG_BV_02

-----------------Message Processing Started-----------------
Time: 1493841804374 ms, 20:3:24:374, Packet Received from test system.
Frame Id: D16093Chosen
StartWsmRx Message Received
   Channel = 176
   Radio = Radio0
   Timeslot = Continuous
   PSID = 135
   Event Handling
     RxFlag = Don't Match Psid = false, Include PDU = true, Include PDU Params = true
     Event Flag: eIpv6ConfigChanged
     PDU Frame Type = D16093frame
     Security Flag = BypassSecurityVerification

-----------------Message Processing Started-----------------
Time: 1493841812073 ms, 20:3:32:73, Packet Received from test system.
Frame Id: D16093Chosen
GetIPv6InterfaceInfo Message Received
   Radio = Radio0

-----------------Message Processing Started-----------------
Time: 1493841813573 ms, 20:3:33:573, Packet Received from test system.
Frame Id: D16093Chosen

SetIPv6IAddress Message Received
   Radio = Radio0
   InterfaceName = wlan0
   IPv6Address = fe80::c001:37ff:fe6c:1

-----------------Message Processing Started-----------------
Time: 1493841815577 ms, 20:3:35:577, Packet Received from test system.
Frame Id: D16093Chosen
GetIPv6InterfaceInfo Message Received
   Radio = Radio0

/**** Starting Test Case: TP_16093_IP_CHG_BV_01   ***/

-----------------Message Processing Started----------------
Time: 1493841854861 ms, 20:4:14:861, Packet Received from test system.
Frame Id: SutCtrlChosen
RequestSutAvailability Message Received

-----------------Message Processing Started----------------
Time: 1493841855254 ms, 20:4:15:254, Packet Received from test system.
Frame Id: D16093Chosen
Set Initial State Message Received, parameter = true

-----------------Message Processing Started----------------
Time: 1493841855661 ms, 20:4:15:661, Packet Received from test system.
Frame Id: SutCtrlChosen
Starting Test Case: TP_16093_IP_CHG_BV_01

-----------------Message Processing Started----------------
Time: 1493841860060 ms, 20:4:20:60, Packet Received from test system.
Frame Id: D16093Chosen
SetIPv6IAddress Message Received
   Radio = Radio0
   InterfaceName = wlan0
   IPv6Address = fe80:884a:3749:20b6:1234:6789:abcd:ef01

-----------------Message Processing Started----------------
Time: 1493841861564 ms, 20:4:21:564, Packet Received from test system.
Frame Id: D16093Chosen
GetIPv6InterfaceInfo Message Received
   Radio = Radio0

/**** Starting Test Case: TP_16093_IP_CHG_BV_02   ***/

-----------------Message Processing Started-----------------
Time: 1493842049422 ms, 20:7:29:422, Packet Received from test system.
Frame Id: SutCtrlChosen
RequestSutAvailability Message Received

-----------------Message Processing Started-----------------
Time: 1493842050214 ms, 20:7:30:214, Packet Received from test system.
Frame Id: D16093Chosen
Set Initial State Message Received, parameter = true

-----------------Message Processing Started-----------------
Time: 1493842051121 ms, 20:7:31:121, Packet Received from test system.
Frame Id: SutCtrlChosen
Starting Test Case: TP_16093_IP_CHG_BV_02

-----------------Message Processing Started-----------------
Time: 1493842052518 ms, 20:7:32:518, Packet Received from test system.
Frame Id: D16093Chosen
StartWsmRx Message Received
   Channel = 176
   Radio = Radio0
   Timeslot = Continuous
   PSID = 135
   Event Handling
     RxFlag = Don't Match Psid = false, Include PDU = true, Include PDU Params = true
     Event Flag: eIpv6ConfigChanged
     PDU Frame Type = D16093frame
     Security Flag = BypassSecurityVerification

-----------------Message Processing Started-----------------
Time: 1493842060223 ms, 20:7:40:223, Packet Received from test system.
Frame Id: D16093Chosen
GetIPv6InterfaceInfo Message Received
   Radio = Radio0

-----------------Message Processing Started-----------------
Time: 1493842061722 ms, 20:7:41:722, Packet Received from test system.

Frame Id: D16093Chosen

SetIPv6IAddress Message Received

   Radio = Radio0

   InterfaceName = wlan0

   IPv6Address = fe80::c001:37ff:fe6c:1

-----------------Message Processing Started-----------------

Time: 1493842063720 ms, 20:7:43:720, Packet Received from test system.

Frame Id: D16093Chosen

GetIPv6InterfaceInfo Message Received

   Radio = Radio0

/**** Starting Test Case: TP_16093_IP_COM_BV_01   ***/

-----------------Message Processing Started-----------------
Time: 1493842148724 ms, 20:9:8:724, Packet Received from test system.
Frame Id: SutCtrlChosen
RequestSutAvailability Message Received

-----------------Message Processing Started-----------------
Time: 1493842149436 ms, 20:9:9:436, Packet Received from test system.
Frame Id: D16093Chosen
Set Initial State Message Received, parameter = true

-----------------Message Processing Started-----------------
Time: 1493842150341 ms, 20:9:10:341, Packet Received from test system.
Frame Id: SutCtrlChosen
Starting Test Case: TP_16093_IP_COM_BV_01

-----------------Message Processing Started-----------------
Time: 1493842151759 ms, 20:9:11:759, Packet Received from test system.
Frame Id: D16093Chosen
StartWsmRx Message Received
   Channel = 176
   Radio = Radio0
   Timeslot = Continuous
   PSID = 135
   Event Handling
     RxFlag = Don't Match Psid = false, Include PDU = true, Include PDU Params = true
     Event Flag: e16093PktRx
     PDU Frame Type = D16093frame
     Security Flag = BypassSecurityVerification

-----------------Message Processing Started-----------------
Time: 1493842161535 ms, 20:9:21:535, Packet Received from test system.
Frame Id: D16093Chosen
SendIPv6Ping Message Received
   Radio = Radio0
   InterfaceName = wlan0
   DestinationIPv6Addrerss = 2001:db8:3c4d:15:2247:47ff:feca:5141

/**** Starting Test Case: TP_16093_IP_COM_BV_02 ***/

Same as the previous message except with a Link Local IPv6 address