[20:45:42] [RadarAPI]: Opening Gpio Control Port()

[20:45:42] [RadarAPI]: Status: Passed

[20:45:43] [RadarAPI]: Opening Board Control Port()

[20:45:43] [RadarAPI]: Status: Passed

[20:45:44] [RadarAPI]: ar1.FullReset()

[20:45:44] [RadarAPI]: Status: Passed

[20:45:45] [RadarAPI]: Closing Board Control Port()

[20:45:45] [RadarAPI]: Status: Passed

[20:45:45] [RadarAPI]: Closing Gpio Control Port()

[20:45:45] [RadarAPI]: Status: Passed

[20:45:45] [RadarAPI]: ar1.SOPControl(2)

[20:45:45] [RadarAPI]: Status: Passed

[20:45:50] [RadarAPI]: ar1.Connect(4,921600,1000)

[20:45:53] [RadarAPI]: Warning: Connected with baudrate 115200

[20:45:54] [RadarAPI]: Warning: Disconnected existing BaudRate

[20:45:54] [RadarAPI]: Warning: Trying to connect with baudrate 921600

[20:45:55] [RadarAPI]: ar1.Calling\_IsConnected()

[20:45:57] [RadarAPI]: ar1.SelectChipVersion("AR1642")

[20:45:57] [RadarAPI]: Status: Passed

[20:45:57] [RadarAPI]: ar1.SelectChipVersion("AR1642")

[20:45:57] [RadarAPI]: Status: Passed

[20:45:57] [RadarAPI]: ar1.deviceVariantSelection("XWR1843")

[20:45:57] [RadarAPI]: Status: Passed

[20:45:57] [RadarAPI]: ar1.frequencyBandSelection("77G")

[20:45:57] [RadarAPI]: ar1.SelectChipVersion("XWR1843")

[20:45:57] [RadarAPI]: Status: Passed

[20:45:57] Device Status : XWR1843/ASIL-B/SOP:2/ES:2

[20:45:57] [RadarAPI]: ar1.SaveSettings('C:\Users\royn.CAT\AppData\Roaming\RSTD\ar1gui.ini')

[20:46:05] [RadarAPI]: ar1.ReadRegister(0xffffe214, 0, 31)

[20:46:06] [RadarAPI]: ar1.ReadRegister(0xffffe210, 0, 31)

[20:46:06] [RadarAPI]: ar1.ReadRegister(0xffffe218, 0, 31)

[20:46:06] [RadarAPI]: ar1.DownloadBSSFw("C:\\ti\\mmwave\_studio\_02\_01\_01\_00\\mmWaveStudio\\Scripts\\..\\..\\rf\_eval\_firmware\\radarss\\xwr18xx\_radarss.bin")

[20:46:06] [RadarAPI]: Downloading BSS Patch RPRC Binary..

[20:46:08] [RadarAPI]: ar1.GetBSSFwVersion()

[20:46:08] [RadarAPI]: BSSFwVersion:(02.00.00.01 (05/10/17))

[20:46:08] [RadarAPI]: ar1.GetBSSPatchFwVersion()

[20:46:08] [RadarAPI]: BSSPatchFwVersion:(01.02.05.02 (30/04/19))

[20:46:08] BSS FW Download Success

[20:46:08] [RadarAPI]: ar1.DownloadMSSFw("C:\\ti\\mmwave\_studio\_02\_01\_01\_00\\mmWaveStudio\\Scripts\\..\\..\\rf\_eval\_firmware\\masterss\\xwr18xx\_masterss.bin")

[20:46:09] [RadarAPI]: Downloading MSS RPRC Binary..

[20:46:11] [RadarAPI]: ar1.GetMSSFwVersion()

[20:46:11] [RadarAPI]: MSSFwVersion:(01.02.05.02 (16/07/19))

[20:46:11] MSS FW Download Success

[20:46:12] [RadarAPI]: ar1.PowerOn(0, 1000, 0, 0)

[20:46:12] [RadarAPI]: Status: Passed

[20:46:12] MSS power up done async event received!

[20:46:12] Power On Success

[20:46:12] [RadarAPI]: ar1.SelectChipVersion("AR1642")

[20:46:12] [RadarAPI]: Status: Passed

[20:46:12] [RadarAPI]: ar1.SelectChipVersion("XWR1843")

[20:46:12] [RadarAPI]: Status: Passed

[20:46:13] Device Status : XWR1843/ASIL-B/SOP:2/ES:2

[20:46:13] [RadarAPI]: ar1.RfEnable()

[20:46:13] [RadarAPI]: Status: Passed

[20:46:13] BSS power up done async event received!

[20:46:13] [RadarAPI]: ar1.GetMSSFwVersion()

[20:46:13] [RadarAPI]: MSSFwVersion:(01.02.05.02 (16/07/19))

[20:46:14] [RadarAPI]: ar1.GetBSSFwVersion()

[20:46:14] [RadarAPI]: BSSFwVersion:(02.00.00.01 (05/10/17))

[20:46:14] [RadarAPI]: ar1.GetBSSPatchFwVersion()

[20:46:14] [RadarAPI]: BSSPatchFwVersion:(01.02.05.02 (30/04/19))

[20:46:14] RF Enable Success

[20:46:14] [RadarAPI]: ar1.ChanNAdcConfig(1, 1, 0, 1, 1, 1, 1, 2, 1, 0)

[20:46:14] [RadarAPI]: Status: Passed

[20:46:14] ChanNAdcConfig Success

[20:46:15] [RadarAPI]: ar1.LPModConfig(0, 0)

[20:46:15] [RadarAPI]: Status: Passed

[20:46:15] Regualar mode Cfg Success

[20:46:15] [RadarAPI]: ar1.RfInit()

[20:46:15] RF Init async event received!

[20:46:15] [RadarAPI]: Time stamp, Temperture: 1935,38; APLL Status, Update: 1, 0; SynthVCO1 Status, Update: 1, 1; SynthVCO2 Status, Update: 1, 1; LODist Status, Update: 1, 1; RxADCDC Status, Update: 1, 1; HPFcutoff Status, Update: 1, 1; LPFcutoff Status, Update: 1, 1; PeakDetector Status, Update: 1, 1; TxPower Status, Update: 1, 1; RxGain Status, Update: 1, 1; TxPhase Status, Update: 1, 1; RxIQMM Status, Update: 1, 1;

[20:46:15] [RadarAPI]: Status: Passed

[20:46:15] RfInit Success

[20:46:16] [RadarAPI]: ar1.DataPathConfig(1, 1, 0)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] DataPathConfig Success

[20:46:16] [RadarAPI]: ar1.LvdsClkConfig(1, 1)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] LvdsClkConfig Success

[20:46:16] [RadarAPI]: ar1.LVDSLaneConfig(0, 1, 1, 0, 0, 1, 0, 0)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] LVDSLaneConfig Success

[20:46:16] [RadarAPI]: ar1.SetTestSource(4, 3, 0, 0, 0, 0, -327, 0, -327, 327, 327, 327, -2.5, 327, 327, 0, 0, 0, 0, -327, 0, -327, 327, 327, 327, -95, 0, 0, 0.5, 0, 1, 0, 1.5, 0, 0, 0, 0, 0, 0, 0)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] Test Source Configuration Success

[20:46:16] [RadarAPI]: ar1.ProfileConfig(0, 77, 100, 6, 60, 0, 0, 0, 0, 0, 0, 29.982, 0, 256, 5000, 0, 0, 30)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] ProfileConfig Success

[20:46:16] [RadarAPI]: ar1.ChirpConfig(0, 0, 0, 0, 0, 0, 0, 1, 1, 0)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] ChirpConfig Success

[20:46:16] [RadarAPI]: ar1.EnableTestSource(1)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] Enabling Test Source Success

[20:46:16] Test Source Already Enabled...!!!

[20:46:16] [RadarAPI]: ar1.EnableTestSource(1)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] [RadarAPI]: ar1.FrameConfig(0, 0, 8, 128, 40, 0, 0, 1)

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] FrameConfig Success

[20:46:16] [RadarAPI]: ar1.SelectCaptureDevice("DCA1000")

[20:46:16] [RadarAPI]: Status: Passed

[20:46:16] SelectCaptureDevice Success

[20:46:16] [RadarAPI]: ar1.CaptureCardConfig\_EthInit("192.168.33.30", "192.168.33.180", "c:22:38:4e:5a:c", 4096, 4098)

[20:46:17] [RadarAPI]: Sending fpga command to DCA1000

[20:46:27] [RadarAPI]:

[20:46:27] FPGA Configuration :

[20:46:27] Timeout Error! System disconnected

[20:46:27] [RadarAPI]: Sending fpga\_version command to DCA1000

[20:46:37] [RadarAPI]:

[20:46:37]

[20:46:37] Unable to read FPGA Version. [error -5]

[20:46:37]

[20:46:37] CaptureCardConfig\_EthInit Success

[20:46:37] [RadarAPI]: ar1.CaptureCardConfig\_Mode(1, 2, 1, 2, 3, 0)

[20:46:37] [RadarAPI]: Sending fpga command to DCA1000

[20:46:47] [RadarAPI]:

[20:46:47] FPGA Configuration :

[20:46:47] Timeout Error! System disconnected

[20:46:47] CaptureCardConfig\_Mode Success

[20:46:47] [RadarAPI]: ar1.CaptureCardConfig\_PacketDelay(25)

[20:46:47] [RadarAPI]: Sending fpga command to DCA1000

[20:46:57] [RadarAPI]:

[20:46:57] FPGA Configuration :

[20:46:57] Timeout Error! System disconnected

[20:46:57] [RadarAPI]: Sending record command to DCA1000

[20:47:07] [RadarAPI]:

[20:47:07] Configure Record :

[20:47:07] Timeout Error! System disconnected

[20:47:07] CaptureCardConfig\_PacketDelay failure

[20:47:07] [RadarAPI]: ar1.CaptureCardConfig\_StartRecord("C:\\ti\\mmwave\_studio\_02\_01\_01\_00\\mmWaveStudio\\Scripts\\..\\PostProc\\adc\_data.bin", 1)

[20:47:07] [RadarAPI]: Sending start\_record command to DCA1000

[20:47:07] [RadarAPI]: Status: Passed

[20:47:08] [RadarAPI]: ar1.StartFrame()

[20:47:08] [RadarAPI]: Status: Passed

[20:47:08] Frame start async event received!

[20:47:09] Frame End async event received!

[20:47:09] [RadarAPI]: Frame Ended

[20:47:14] Please wait for a few seconds for matlab post processing .....!!!!

[20:47:14] [RadarAPI]: ar1.StartMatlabPostProc("C:\\ti\\mmwave\_studio\_02\_01\_01\_00\\mmWaveStudio\\Scripts\\..\\PostProc\\adc\_data.bin")

[20:47:14] [RadarAPI]: No of files Captured: 0, Total no of frames for each device : 8

[20:47:14] Error : The number of files captured is zero!

[20:47:24]

[20:47:24] \*\*\*Script completed successfully.\*\*\*