**CALIBRATION CHECKLIST – Introspect SV3C Receiver**

**Customer & Device Information**

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| --- | --- |
| Customer Name |  |
| Device Serial Number |  |
| Calibration Performed By |  |
| Start Date of Calibration |  |

**Calibration Procedure Checklist**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Done (✓) | Comments |
| 1 | Ensure the latest software and C-PHY firmware are loaded on the device | ☐ |  |
| 2 | Load the default `.jam` file on the receiver | ☐ |  |
| 3 | Verify if the command ‘svtAlphaFeaturesEnabled = true’ is present in C:/Introspect/25.2.0/GUI/preferences.ini. Else place it on line #2. | ☐ |  |
| 4 | Ensure TX/RX are connected with SMA cables and clock with SMP (blue) cables. Run 2 IESP instances and confirm connection. | ☐ |  |
| 5 | Run `rxAnalogCal` | ☐ |  |
| 6 | Save the Results folder for `rxAnalogCal-C-Phy’ | ☐ |  |
| 7 | Run `rxGain0ThresholdCal` | ☐ |  |
| 8 | Save the Results folder for `rxGain0ThresholdCal-C-Phy’ | ☐ |  |
| 9 | Change to D-PHY firmware | ☐ |  |
| 10 | Run `rxThresholdCal` | ☐ |  |
| 11 | Upload the Results folder for `rxThresholdCal-D-Phy’ | ☐ |  |
| 12 | Run `rxGain0ThresholdCal` | ☐ |  |
| 13 | Save the Results folder for `rxGain0ThresholdCal-D-Phy’ | ☐ |  |
| 14 | Zip the entire Results of calibration folder and upload onto sharefile folder | ☐ |  |
| 15 | Receive `.jam` file and load onto the device | ☐ |  |
| 16 | Verify device has D-PHY firmware | ☐ |  |
| 17 | Run `rxGain0ThresholdVal-D-Phy` | ☐ |  |
| 18 | Confirm with the results PASS and save the results folder | ☐ |  |
| 19 | Run `rxThresholdVal-D-Phy` | ☐ |  |
| 20 | Confirm with the results PASS and save the results folder | ☐ |  |
| 21 | Change the firmware to C-PHY | ☐ |  |
| 22 | Run `rxGain0ThresholdVal-C-Phy` | ☐ |  |
| 23 | Confirm with the results PASS and save the results folder | ☐ |  |
| 24 | Run `rxThresholdVal-C-Phy` | ☐ |  |
| 25 | Confirm with the results PASS and save the results folder | ☐ |  |
| 26 | Run ‘rxPhaseCal-C-PHY’ | ☐ |  |
| 27 | Save the Results folder for `rxPhaseCal-C-PHY’’ | ☐ |  |
| 28 | Change to D-PHY firmware | ☐ |  |
| 29 | Run ‘rxPhaseCal-D-PHY’ | ☐ |  |
| 30 | Save the Results folder for `rxPhaseCal-D-PHY’’ | ☐ |  |
| 31 | Zip the entire Results of calibration folder and upload onto sharefile folder | ☐ |  |
| 32 | Receive `.jam` file and load onto the device | ☐ |  |
| 33 | Run ‘rxPhaseVal-D-PHY’ | ☐ |  |
| 34 | Confirm with the results PASS and save the results folder | ☐ |  |
| 35 | Change to C-PHY firmware | ☐ |  |
| 36 | Run ‘rxPhaseVal-C-PHY’ | ☐ |  |
| 37 | Confirm with the results PASS and save the results folder | ☐ |  |
| 38 | Zip the entire Results of calibration folder and upload onto sharefile folder | ☐ |  |

**Customer & Device Information**

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| --- | --- |
| End Date of Calibration |  |
| Calibration Completed By |  |
| Verified By |  |