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| Image: **ppkR-mCard-40x CB z4 633 0.5p** |  |
| Size: **524.29 KB** |  |
| File Location: **D:\02C盘\桌面\Experiment001.lif** |  |
| Start Time: **9/27/2015 12:06:23 AM.620** |  |
| End Time: **9/27/2015 12:06:23 AM.620** |  |
| Total Exposures: **2 (2 channels, 1 frames)** |  |
| Data from: **LAS-AF 3.3.0.10134** |  |

 | Leica Microsystems Heidelberg GmbH |
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| **Dimensions** |

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| **Dimension** | **Logical Size** | **Physical Length** | **Physical Origin** | **Pixel Size / Voxel Size** |
| X | 512 | 72.66 µm | 0.00 µm | 0.142 µm |
| Y | 512 | 72.66 µm | 0.00 µm | 0.142 µm |

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| **Channels** |

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| **LUT** | **Resolution** | **Min** | **Max** | **STED: DetectorMode / Huygens saturation factor / Wavelength** |
| Red |  | 8 | 0   | 255   | --- / --- / ---  |
| Green |  | 8 | 0   | 255   | --- / --- / ---  |

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| **Time Stamps:**  |

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| **Frame   (****Show All****)**  | **Relative Time (s)** | **Absolute Time (h:m:s.ms)** | **Date** |
| 1  | 0 | 12:06:23 AM.620 | 9/27/2015 |
| 2  | 0 | 12:06:23 AM.620 | 9/27/2015 |

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| **Frame   (****Show first + last****)**  | **Relative Time** | **Absolute Time** | **Date** |
| 1  | 0 | 12:06:23 AM.620 | 9/27/2015 |
| 2  | 0 | 12:06:23 AM.620 | 9/27/2015 |

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| **Confocal Settings** |

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| **Name**  | **Value**  |
| Scan Mode  | xyz |
| Scan Direction X  | Bidirectional |
| Scan Speed  | 600 Hz |
| Version Number  | 6 |
| StagePosX  | 15205.0 µm |
| StagePosY  | 7973.1 µm |
| ZPosition  | 9.2 µm |
| IsSuperZ  | 0 |
| Magnification  | 40 |
| ObjectiveName  | HC PL APO CS2 40x/1.30 OIL  |
| Immersion  | OIL |
| NumericalAperture  | 1.30  |
| RefractionIndex  | 1.518 |
| Zoom  | 4.00  |
| Pinhole  | 130.6 µm |
| PinholeAiry  | 2.00 AU |
| EmissionWavelength for PinholeAiry Calculation  | 580.0 nm |
| FrameAverage  | 1 |
| LineAverage  | 2 |
| FrameAccumulation  | 1 |
| Line\_Accumulation  | 1 |
| IsUserSettingNameSet  | 0 |
| IsRoiScanEnable  | 0 |

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| Filter Wheels / Other Motorized Devices

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| --- | --- |
| **Device Name**  | **Filter Name/Position**  |
| Excitation Beam Splitter | TD 488/561/633 |
| Galvo Slider | Galvo X Normal  |
| Notch FW 2 | Empty |
| Polarization FW | NF 488/561/633 |
| Galvo Resonant Pan | Galvo X Pan Center  |
| Simple Beam Expander | No FRAP Booster  |
| Target Slider | Target Park  |
| X2 Lens Changer | CS2 UV Optics 1  |

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| Laser Lines

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| --- | --- |
| **Laser Line**  | **Intensity**  |
| UV ( 405 nm)  | Shutter: off, Intensity: 0.0000% |
| Visible ( 458 nm)  | Shutter: on, Intensity: 0.0000% |
| Visible ( 488 nm)  | Shutter: on, Intensity: 0.0000% |
| Visible ( 514 nm)  | Shutter: on, Intensity: 0.0000% |
| Visible ( 561 nm)  | Shutter: on, Intensity: 0.1001% |
| Visible ( 633 nm)  | Shutter: on, Intensity: 0.0000% |

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| Detectors

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| **Name**  | **Channel**  | **Type**  | **Location**  | **Active**  | **Gain**  | **Offset**  | **Gate Start**  | **Gate End**  | **Gate Ref. Wavelength**  |
| PMT 1 | Channel 1 | PMT (380nm - 391nm)  | Internal | Inactive | 0.0  | 0.00  | -- Time Gating not supported --  |
| HyD 2 | Channel 2 | HyD (566nm - 601nm)  Standard mode  | Internal | Inactive | 15.0  | -0.01  | -- Time Gating not supported --  |
| PMT 3 | Channel 3 | PMT (621nm - 626nm)  | Internal | Inactive | 0.0  | 0.00  | -- Time Gating not supported --  |
| HyD 4 | Channel 4 | HyD (640nm - 700nm)  Standard mode  | Internal | Active | 50.0  | -0.01  | -- Time Gating not supported --  |
| PMT 5 | Channel 5 | PMT (737nm - 779nm)  | Internal | Inactive | 0.0  | 0.00  | -- Time Gating not supported --  |
| PMT Trans | Transmission Channel | PMT   | TLD | Inactive | 0.0  | 0.00  | -- Time Gating not supported --  |

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| Lasers

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| --- | --- |
| **LaserName**  | **OutputPower**  |
| **405 Diode** | **Off** |
| **Argon** | **0 %** |
| **DPSS 561** | **On** |
| **HeNe 633** | **On** |

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| **Sequential Setting Nr.1**  |

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| PMT  | Inactive, Gain: 0, Offset: 0 |
| HyD  | Active, Gain: 0, Offset: 0 |
| PMT  | Inactive, Gain: 0, Offset: 0 |
| HyD  | Inactive, Gain: 0, Offset: 0 |
| PMT  | Inactive, Gain: 0, Offset: 0 |
| PMT  | Inactive, Gain: 0, Offset: 0 |
| Laser Line UV ( 405 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 458 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 488 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 514 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 561 nm)  | Intensity: 0.1001% |
| Laser Line Visible ( 633 nm)  | Intensity: 0.0000% |

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| **Sequential Setting Nr.2**  |

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| PMT  | Inactive, Gain: 0, Offset: 0 |
| HyD  | Inactive, Gain: 0, Offset: 0 |
| PMT  | Inactive, Gain: 0, Offset: 0 |
| HyD  | Active, Gain: 0, Offset: 0 |
| PMT  | Inactive, Gain: 0, Offset: 0 |
| PMT  | Inactive, Gain: 0, Offset: 0 |
| Laser Line UV ( 405 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 458 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 488 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 514 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 561 nm)  | Intensity: 0.0000% |
| Laser Line Visible ( 633 nm)  | Intensity: 0.4999% |

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