Conducted Immunity Test Report

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# Test lab facility

## Test Site:

Facility name: Keysight Technology, Technology Order Fulfillment, Colorado Springs Hardware Test Center.

Facility address: 1900 Garden of the Gods Rd, Colorado Springs, CO. 80920

Facility site description:

The Keysight Technologies Technology Order Fulfillment Colorado Spring Hardware Test Center is a certified radiated interference testing facility, which is comply with the standard requirements defined by IEC 61326.

## Test Standards

### EMC Directive 2014/30/EU

IEC 61326-1:2012 / EN 61326-1:2013 (Basic) Radiated Emission Reference Standards:

CISPR 11:2009+A1:2010 / EN 55011:2009+A1:2010 Group 1 Class A. The products were tested in a typical configuration with Keysight Technologies test systems. This product is intended for use in a basic electromagnetic environment.

## Test Equipment:

|  |  |
| --- | --- |
| USB Power Sensor Address | USB0::0x0957::0x2D18::MY47400241::0::INSTR |
| Function Generator Address | gpib10 |
| Signal Generator Address | gpib19 |
| USB power meter Model S/N | MXE N9038A MY51210168 |
| USB power meter Calibration date | 12/8/2015 |
| Function Generator SN | Keysight 32210A |
| Function Generator date | 12/1/2015 |
| Signal Generator SN | Keysight N5181A |
| Signal Generator calibration date | 12/1/2015 |
| FCC CDN calibration date | 4/1/2016 |
| CDN Model | FCC CDN |
| Test Standard | IEC 61000-4-6 / EN 61000-4-6 Basic |
| Test Site | Colorado Springs TOF Hardware Test Center |
| Test Voltage | 110V |

## Environmental conditions:

Temperature: 72°F; Humidity :50 RH

Note: There will be no effect to the result due to changes in mains voltage or frequency.

## Test Operator and Date:

Operator: Clifford; Report generated at: May.26,2016 3:45:29 PM

# Product Information

|  |  |
| --- | --- |
| Product Name: | Ursa |
| Product Model: | 16862A |
| Product SN: | 105 |
| Project Stage: | LP1/PP |
| Deliver date of the test samples: | 5/9/2016 |
| DUT power: | Main |
| Auxiliary equipment list: | HP Keyboard and Mouse |
| Model numbers covered by the test: | 16864A, 16862A |
| .-Hardware Difference | 4 channel and 2 channel |
| .-Software/firmware difference: | Same |
| .-Cosmetic difference: | Label is different |
| Test Configuration | Test configuration is acquizaiton mode waiting for trigger |

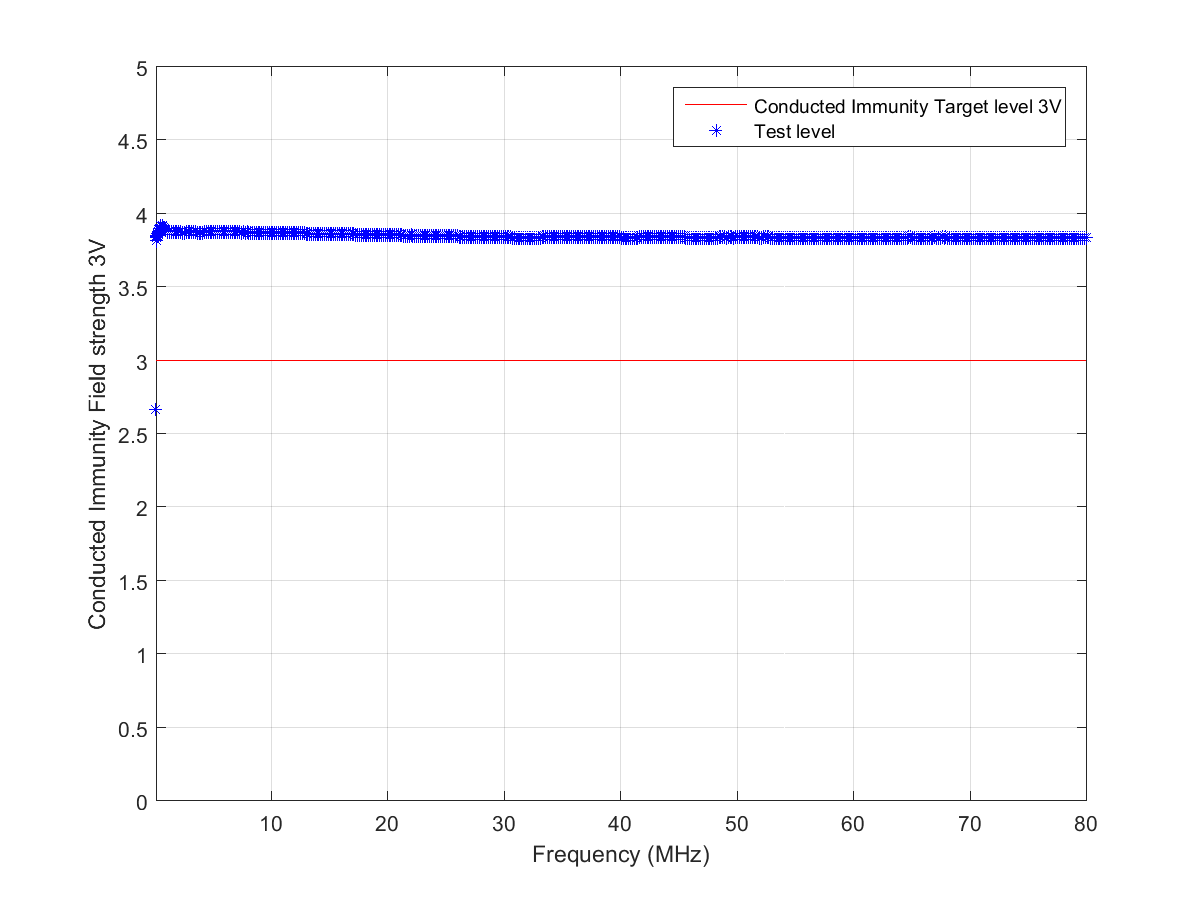
# EUT setup

## Photograph of EUT:



# Test Result

|  |  |
| --- | --- |
| Frequency (Hz) | Mark |
| 150e3 | A. Pass -Normal performance within specified limits |
| 80e6 | A. Pass -Normal performance within specified limits |



# Summary

The unit Passed the Conducted Emission Test in Line wire!