



**HARRIS CORPORATION**

**221 Jefferson Ridge Parkway  
Lynchburg, VA 24501**  
[www.harris.com](http://www.harris.com)

November 28, 2018

American Certification Body, Inc  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

FCC CLASS II PERMISSIVE CHANGE APPLICATION LETTER

**Applicant's complete, legal business name:** Harris Corporation

**Applicant's mailing address:**  
221 Jefferson Ridge Parkway  
Lynchburg, VA 24501

**Equipment Product Code:** TR-0159-E

**FCCID Number and Date of Original Grant:** OWDTR-0159-E, April 5, 2018

**IC ID Number and Date of Original Grant:** 3636B-0159, April 17, 2018

**Change Contents:**

Addressed following obsolescence parts on MASTR V TX Module (700MHz)

| Reference Designator | From          | To           |
|----------------------|---------------|--------------|
| Q503, Q505           | TR-016188-001 | Q06-0075-001 |
| U840                 | RYT102217/C   | I63-0202-001 |
| U514                 | IC-011271-001 | I63-0203-001 |
| U510                 | IC-016130-001 | I63-0203-002 |

Addressed following obsolescence parts on MASTR V Linearizer Module (700/800MHz)

| Reference Designator | From             | To           |
|----------------------|------------------|--------------|
| U2, U18, U22         | TR-018688-501089 | I63-0182-001 |

Addressed following obsolescence parts on MASTR V Power Amplifier (700MHz)

| Reference Designator | From       | To         |
|----------------------|------------|------------|
| U101                 | 290016R001 | 370070R004 |
| U201                 | 290016R001 | 370070R005 |

Added SW capability to produce HVD modulation waveform. Added the following Emissions Designators:

1. 18K8D1W for HVD-SMR
2. 12K5D1W for HVD-NPSPAC

No impact has been made to frequency determining components/circuits or actual transmitted RF spectrum.

Sincerely,

Thomas D Camper, Jr.