

## HARMAN

Harman Connected Services, Inc.

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Date: 29<sup>th</sup> June 2020

### Variation Attestation / Data Re-Use Request

#### Introduction

We hereby declare Type Name: HSA-15UA-BR, FCC ID: 2AHPN-HSA-15UA-BR, as a variant of Type Name: HSA-15UA-AA, FCC ID: 2AHPN-HSA-15UA-AA. **(Grantee)** takes full responsibility that the test data referenced in this document represents compliance for FCC ID: 2AHPN-HSA-15UA-BR

#### Differences

| Type Name   | FCC ID            | Detailed Differences  |
|-------------|-------------------|---|
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Model No. Change.   |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Ejectable sim slot added (Mechanical change only, NO Functional/SW/HW changes). |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Reset button added (mechanical change only. No functional/sw/hw change).        |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Size of Dongle will increase by 2-3mm width wise due to reset button.           |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Software version will be different compared to Spark                            |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | HW B14 added for FirstNet Support   |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Modem binary will be modified to add B14  |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | PCB will undergo some minor modifications to accommodate new band.              |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Antenna will be redesigned to accommodate B14                                   |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | SVN number update   |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Update google secure patch to 201905  |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Integrate GLONASS location configuration  |
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Disable SIM PIN Lock  |

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|             |                   |  |
|-------------|-------------------|--|
| HSA-15UA-BR | 2AHPN-HSA-15UA-BR | Modem QC FW will be updated (Qualcomm Updates) |
|-------------|-------------------|--|

**Spot Check Verificatio Data Section**

We hereby request to leverage the test data of Type Name: HSA-15UA-AA, FCC ID: 2AHPN-HSA-15UA-AA to demonstrate the compliance of Type Name: HSA-15UA-BR, FCC ID: 2AHPN-HSA-15UA-BR regarding to FCC Part 15 Subpart C/ 22(H)/ 24(E)/ 27).

The spot checks of Type Name: HSA-15UA-BR, FCC ID: 2AHPN-HSA-15UA-BR base on the original filing under FCC ID: 2AHPN-HSA-15UA-AA found the results comparable and not degraded.

Original filing for FCC ID reports 31862395.001, 31851514.002 and spot check for variant Type Name: HSA-15UA-BR, FCC ID: 2AHPN-HSA-15UA-BR by TUV Rheinland of North American shows the results.

**Reference Section**

| FCC ID            | Rule Part | Lower Freq. (MHz) | Upper Freq. (MHz) | Emissions Designator | Original Report ID | New FCC ID        | Spot check Report ID                     |
|-------------------|-----------|-------------------|-------------------|----------------------|--------------------|-------------------|--|
| 2AHPN-HSA-15UA-AA | 22H       | 826.4             | 846.6             | 4M774G7              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 22H       | 824.7             | 848.3             | 1M37G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 22H       | 829.0             | 844.0             | 9M47G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 24E       | 1852.4            | 1907.6            | 4M76G7W              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 24E       | 1850.7            | 1909.3            | 1M38G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 24E       | 1860.0            | 1900.0            | 18M6G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 27        | 1710.7            | 1754.3            | 1M37G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 27        | 1720.0            | 1745.0            | 18M6G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 27        | 699.7             | 715.3             | 1M18G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 27        | 701.5             | 713.5             | 4M52G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 27        | 704.0             | 711.0             | 8M97G7D              | 31862395.001       | 2AHPN-HSA-15UA-BR | 32061922.001                             |
| 2AHPN-HSA-15UA-AA | 15C       | 2402              | 2480              |                      | 31851514.002       | 2AHPN-HSA-15UA-BR | Please refer to Wi-Fi design declaration |
|                   |           |                   |                   |                      |                    |                   |  |

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Note: Reference Section: A detailed matrix listing the cross references for cited from other FCC ID(s). The reference section should be organized similarly as listed on the grant (i.e., rule parts, frequency range (MHz), and emission designator). Each listing then would reference the FCC ID, report title, and location (folder or exhibit type) for the referenced test report. At present, details and formats are at applicants' discretion to organize a cross reference matrix that best clarifies each specific situation. In some cases, a simple matrix that cross references to a single common merged report may be sufficient, or separate matrices listing separate references may be appropriate. The reference section needs to clearly allow the reader to understand the scope of each application, what is being granted, and where the test data is located for each listed item.

Sincerely,

A rectangular box containing a handwritten signature in blue ink that reads "Dhanaji Khade".

By:

\_\_\_\_\_  
(Signature/Title)

Dhanaji Khade  
(Print name)