

NOKIA Shanghai Bell CO. Ltd.

Request for DFS Expedited Review

Date: \_2018-7-3\_

Subject: DFS Expedited Review Request for: \_\_\_FCCID: 2ADZRG240WE\_\_\_

\_NOKIA Shanghai Bell CO. Ltd.\_ would like to apply for DFS Expedited Review for FCCID: 2ADZRG240WE, below is the required Information:

| Item                                                                | FCC ID(s) of Previously Granted DFS Devices                                                                   | FCC ID of New Application                                                                                     | Diffidence Between the 2 products |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------|
|                                                                     | FCC ID: 2ADZRHA030WB                                                                                          | FCC ID: 2ADZRG240WE                                                                                           |                                   |
| Technology: (i.e.; 802.11x, frame based, MIMO, smart antenna, etc.) | Dual-band concurrent IEEE 802.11b/g/n 3x3 2.4 GHz and 802.11ac 4x4 5 GHz                                      | Dual-band concurrent IEEE 802.11b/g/n 3x3 2.4 GHz and 802.11ac 4x4 5 GHz                                      | NO                                |
| Bandwidth information and differences                               | 802.11b/g: 20M<br>802.11a/n: 20M/40M<br>802.11 ac: 20M/40M/80M                                                | 802.11b/g: 20M<br>802.11a/n: 20M/40M<br>802.11 ac: 20M/40M/80M                                                | NO                                |
| Antenna information and differences for the minimum gain antennas   | 2.4G Antenna Gain: 3dBi for each antenna<br>5G Antenna Gain: 4dBi for each antenna                            | 2.4G Antenna Gain: 3dBi for each antenna<br>5G Antenna Gain: 4dBi for each antenna                            | NO                                |
| Modulation:                                                         | 802.11b: DSSS;<br>802.11g/n: OFDM<br>802.11a/n: OFDM<br>802.11ac: OFDM                                        | 802.11b: DSSS;<br>802.11g/n: OFDM<br>802.11a/n: OFDM<br>802.11ac: OFDM                                        | NO                                |
| Differences in DFS functioning, circuitry, software, etc.           | <b>Same WIFI component</b> but different product software                                                     | <b>Same WIFI component</b> but different product software                                                     | Yes                               |
| Maximum conducted power                                             | 2.4 GHz: 0.736W<br>5 GHz: 0.891W                                                                              | 2.4 GHz: 0.695W<br>5 GHz: 0.817W                                                                              | Yes                               |
| Names of the test labs for the various Grants                       | <b>TA Technology(Shanghai) Co., Ltd.</b><br>Designation number: CN1179, Test Firm Registration Number: 446626 | <b>TA Technology(Shanghai) Co., Ltd.</b><br>Designation number: CN1179, Test Firm Registration Number: 446626 | /                                 |

NOKIA Shanghai Bell CO. Ltd.

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Sincerely,

By: \_\_\_\_\_ *Liguo Leng* \_\_\_\_\_  
(Signature/Title<sup>1</sup>)

\_\_\_\_Liguo Leng\_\_\_\_  
(Print name)

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