



## Difference Document

### MS Types:

**Sonim XP3.20-E Quest (P22C001AA)  
Versus  
Sonim XP3.20-E Quest pro (P22C001BB)**

### Contents

1	Introduction .....	2
2	Summary of Differences .....	2
3	Detailed Description of the Hardware Changes .....	2
4	Detailed Description of the Software Changes .....	3

## 1 Introduction

This document specifies all HW- and SW-related differences between

HW / SW Configuration 1			
Model Name	Type Number*	HW Revision**	SW Revision
Sonim XP3.20-E Quest	P22C001AA	A	05.0.1-42.2

and

HW / SW Configuration 2			
Model Name	Type Number*	HW Revision**	SW Revision
Sonim XP3.20-E Quest pro	P22C001BB	B	05.1.0-52.0

\* The Type Number represents the product that is intended to be certified and launched. It uniquely identifies the product's HW/SW configuration.

\*\* The HW implementation at the time of initial certification and launch is denoted as Revision A. The next HW implementation, which requires type approval, is denoted as Revision B.

## 2 Summary of Differences

The hardware design and implementation of Configuration 1 and Configuration 2 are exactly the same, except for the described in detail in Chapter 3 below.

The software design and implementation of Configuration 1 and Configuration 2 are the same, except for the differences described in detail in the Chapter 4 below.

## 3 Detailed Description of the Hardware Changes

The HW design and implementation of the P22C001BB model is exactly the same as for the P22C001AA model, except for the differences summarized below:

- Parts List level: No changes
- Populated PCB level: No changes

- Body/Mechanics level:
  - The thickness of the lens over the phone's screen is increased 0.4mm to 2.0 mm in total.
  - The front edge of the curvature of the plastic around the lens is elevated 0.4 mm to keep protecting the lens.

See attached file for details.



Elevation of Glass  
Lens for XP3.20.ppt

- Tuning and RF Parameters level: No changes.

Impact on Performance:

No impact on performance due to the above listed changes.

<b>Performance Impacted</b>	
<b>RF</b>	<b>Affected?</b>
RF Conducted – Transmitter	no
RF Conducted – Receiver	no
RF Radiated (Transmitter & Receiver)	no
Bluetooth Conducted	no
Bluetooth Radiated	no
<b>BaseBand</b>	<b>Affected?</b>
ESD	no
Radiated Emissions	no
Immunity	no
Interference	no
<b>Others</b>	<b>Affected?</b>
OTA	no
SAR	no
HAC	no

## 4 Detailed Description of the Software Changes

The SW design and implementation of the P22C001BB model is exactly the same as for the P22C001AA model, except for the differences summarized below:

- Push To Talk over Cellular (OMA PoC) added for P23C001BB
- Customization details, ex. wall paper, start-up animation, ringtones, etc.