



H24 HSPA module – NA DB/2100 P4 to P5G **- Hardware Release Notes -**

Scope:

This document describes the hardware release notes and population difference for H24 NA DB/2100 model of HW P5G in reference to approved HW P4.

Product Change:

Following pls. find change details between H24 NA DB/2100 with HW P4 to phase II with HW P5G. The changes are separated into two – (1) P4 to P5 modifications and (2) P5 to P5G modifications.

(1) P4 to P5 HW modifications:

Ref.	New changes	Comments
1	Replace all EMI-FIL (P/N 9171045B02) to discrete capacitors (0.1uF and 0.01uF for each filter)	Due to Murata replacement that is not package compatible. Refer to BOM changes table below.
2	Changing U6 controls from WB1900_2100_SLCT_1 & WB1900_2100_SLCT_2 to INTER_RX_SW_SEL1 & INTER_RX_SW_SEL2	This change is to solve problem of WCDMA band transitions/handovers FDD I - II or II – I that were waived by PTCRB SW TC's:8.2.6.37B(II-I) PS, 8.2.6.37B(II-I) CS, 8.3.1.1A(II-I) PS/CS, 8.4.1.24A PS/CS, 8.4.1.25A PS/CS. 8.4.1.2B(II-I) PS.

(2) P5 to P5G HW modifications:

GPS/A-GPS line-up was modified in P5G to support active external GPS antenna instead of passive GPS antenna support in HW P5.

More detailed information (BOM change) can be found in Appendix A

Approved By:

Avraham Hasid
Staff & Approvals MIL-DC-CTE
Motorola Israel Ltd.
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