



APPENDIX E: SENSOR TRIGGERING DATA

FCC ID: A3LSPHP500	 PCTEST ENGINEERING LABORATORY, INC.	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 08/06/12-08/20/12	EUT Type: Portable Tablet Device			Page E1 of E2

A3LSPHP500 Sensor Triggering Data Summary

Per FCC Draft KDB Publication 616217 DR01 (04/23/2012), this device was tested by the manufacturer to determine the proximity sensor triggering distances for the back and top edge of the device. The measured output power within ± 5 mm of the triggering points (or until touching the phantom) is included for back side and each applicable edge.

To ensure all production units are compliant it is necessary to test SAR at a distance 1mm less than the smallest distance from the device and SAR phantom (determined from these triggering tests according to the KDB 616217 DR01 04/23/2012) with the device at maximum output power without power reduction. These additional SAR Tests are included additionally to the SAR tests for the device touching the SAR phantom, with reduced power.

Back Side

KDB 616217 V.A-9 - Moving Towards the Phantom Measured Power [dBm]											
Distance [mm]	17	16	15	14	13	12	11	10	9	8	7
Cell. CDMA - FCC Rule Part 22H	24.93	24.93	24.93	24.93	24.93	17.92	17.92	17.92	17.92	17.92	17.92
Cell. CDMA - FCC Rule Part 90S	24.91	24.91	24.91	24.91	24.91	17.93	17.93	17.93	17.93	17.93	17.93
PCS CDMA - FCC Rule Part 24E	24.93	24.93	24.93	24.93	24.93	13.91	13.91	13.91	13.91	13.91	13.91
LTE Band 25 - FCC Rule Part 24E	22.91	22.91	22.91	22.91	22.91	13.92	13.92	13.92	13.92	13.92	13.92

KDB 616217 V.A 9 - Moving Away from the Phantom Measured Power [dBm]										
Distance[mm]	17	16	15	14	13	12	11	10	9	8
Cell. CDMA - FCC Rule Part 22H	24.93	24.93	24.93	24.93	24.93	17.92	17.92	17.92	17.92	17.92
Cell. CDMA - FCC Rule Part 90S	24.91	24.91	24.91	24.91	24.91	17.93	17.93	17.93	17.93	17.93
PCS CDMA - FCC Rule Part 24E	24.93	24.93	24.93	24.93	24.93	13.91	13.91	13.91	13.91	13.91
LTE Band 25 - FCC Rule Part 24E	22.91	22.91	22.91	22.91	22.91	13.92	13.92	13.92	13.92	13.92



Based on the most conservative measured triggering distance of 12 mm, additional SAR measurements were required at 11 mm from the back side.

Top Edge

KDB 616217 V.A-9 - Moving Towards the Phantom Measured Power [dBm]											
Distance[mm]	13	12	11	10	9	8	7	6	5	4	3
Cell. CDMA - FCC Rule Part 22H	24.93	24.93	24.93	24.93	24.93	17.92	17.92	17.92	17.92	17.92	17.92
Cell. CDMA - FCC Rule Part 90S	24.91	24.91	24.91	24.91	24.91	17.93	17.93	17.93	17.93	17.93	17.93
PCS CDMA - FCC Rule Part 24E	24.93	24.93	24.93	24.93	24.93	13.91	13.91	13.91	13.91	13.91	13.91
LTE Band 25 - FCC Rule Part 24E	22.91	22.91	22.91	22.91	22.91	13.92	13.92	13.92	13.92	13.92	13.92

KDB 616217 V.A 9 - Moving Away from the Phantom Measured Power [dBm]										
Distance[mm]	13	12	11	10	9	8	7	6	5	4
Cell. CDMA - FCC Rule Part 22H	24.93	24.93	24.93	24.93	24.93	17.92	17.92	17.92	17.92	17.92
Cell. CDMA - FCC Rule Part 90S	24.91	24.91	24.91	24.91	24.91	17.93	17.93	17.93	17.93	17.93
PCS CDMA - FCC Rule Part 24E	24.93	24.93	24.93	24.93	24.93	13.91	13.91	13.91	13.91	13.91
LTE Band 25 - FCC Rule Part 24E	22.91	22.91	22.91	22.91	22.91	13.92	13.92	13.92	13.92	13.92

Based on the most conservative measured triggering distance of 8 mm, additional SAR measurements were required at 7 mm from the top edge.

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