EXHIBIT F

NXP – INFRINGEMENT CLAIM CHART – U.S. PATENT NO. 7,564,914

Bell Northern Research ("BNR") provides evidence of infringement of exemplary claims 13–14, 17, and 21–
7,564,914 ("the '914 patent") by the NXP 88W8997 2.4/5 GHz Dual-Band 2x2 Wi-Fi 5 (802.11ac) + Bluetoo
("88W8997") produced by NXP. These claim charts demonstrate infringement by comparing each element of
corresponding components, aspects, and/or features of the Accused Products. These claim charts are not intended
report on infringement. These claim charts include information provided by way of example, and not by way of l

The information in this chart is exemplary, based only upon information from available resources, and is only
BNR's present theory (or theories) of infringement as of the date of service. BNR provides these infringeme
obtaining discovery from Respondent. BNR expects that Respondent and/or third parties will produce additional
the Respondent's products and processes beyond that which is presently publicly available. Accordingly, BNI
supplement this infringement analysis once such information is made available to BNR. Furthermore, BNR rese
this infringement analysis, as appropriate, upon issuance of a court order construing any terms recited in the asse

The Accused Processes, identified below, are performed using one or more one or more wireless communication
the claimed methods described below. The Accused Products include NXP products that practice 802.11ac an
include, but are not limited to the NXP 88Q9098, 88Q9098S, 88W8801, 88W8887, 88W8897, 88W8897P,
88W8987, 88W8987S, 88W9054, 88W9098, AW690, CW641, IW416, IW612, and IW620 products. One such
is charted below.

Unless otherwise noted, BNR contends that NXP and customers of NXP directly infringe under 35 U.S.C. § 27
using the methods claimed below within the United States. In particular, on information and belief, NXP at least
testing of its Accused Products within the United States and NXP's customers and their end users infringe § 271(
products containing the Accused Products to communicate over wireless networks using the 802.11ac st
backwards-compatible standards, which testing and use practice the methods in accordance with the 802.11ac
below.

In addition, BNR contends that NXP induces its customers and their end users to infringe pursuant to 35 U.S.C
contends that NXP contributes to infringement by offering to sell within the United States, selling within the Unite
into the United States an apparatus for use in practicing the '914 Patented Processes under 35 U.S.C. § 271(c).
form a material part of the invention (lacking only external antennas), and the Accused Processes are espe
infringement of the'914 patent by practicing 802.11ac or subsequent backwards-compatible wireless networking
stable articles of commerce suitable for substantial non-infringing use.

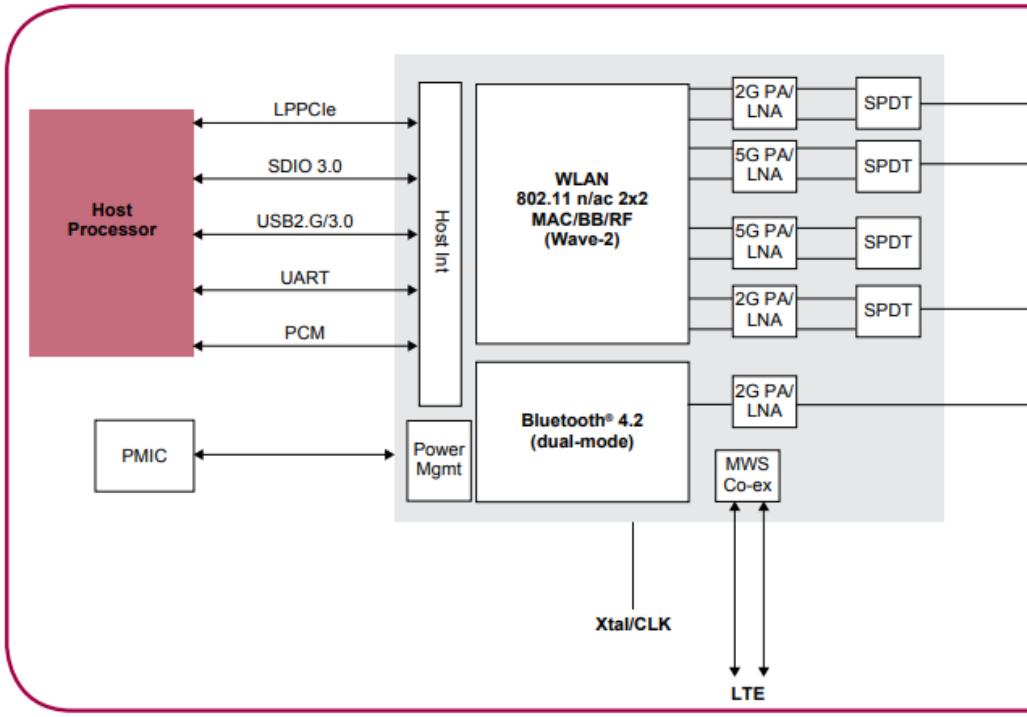
Unless otherwise noted, BNR believes and contends that each element of each claim asserted herein is literall testing of the Accused Products. However, to the extent that NXP attempts to allege that any asserted claim elem BNR believes and contends that such elements are met under the doctrine of equivalents. More specifically, i analysis of the Accused Products, BNR did not identify any substantial differences between the elements of the corresponding features of the Accused Products, as set forth herein. In each instance, the identified step of the performed by the Accused Products for at least substantially the same function in substantially the same way to the same result as the corresponding claim element.

To the extent the chart of an asserted claim relies on evidence about certain specifically-identified Accused Prod on information and belief, any similarly-functioning instrumentalities also infringe the charted claims. BNR reser this infringement analysis based on other products made, used, sold, imported, or offered for sale by NXP. BN right to amend this infringement analysis by adding, subtracting, or otherwise modifying content in the Exemplar each chart.

NXP – INFRINGEMENT CLAIM CHART – U.S. PATENT NO. 7,564,914

U.S. Patent No. 7,564,914	Exemplary Evidence of Plaintiff's Theory(ies) of Infringement for the Accu
	Claim 13
[pre] 13. A method for communicating information in a communication system, the method comprising:	To the extent that the preamble is a limitation, NXP makes, uses, sells, offe otherwise performs a method for communicating information in a communicatio **PRODUCT OVERVIEW** The NXP 88W8997 SoC is the industry's first 28 nm, 802.11ac (Wave-2), 2 x 2 MU-MIMO combo solution with support for Bluetooth 5.1. The design enhancements and the low-power 28 nm process technology reduce the power consumption by up to 40% over existing solutions. This SoC features the highest level of integration in the market, including dual-band power amplifiers (PAs), low-noise amplifiers (LNAs) and switches, reducing the board-level bill of materials to the bare minimum and enabling easy chip-on-board and module design for board markets.

NXP – INFRINGEMENT CLAIM CHART – U.S. PATENT NO. 7,564,914

U.S. Patent No. 7,564,914	Exemplary Evidence of Plaintiff's Theory(ies) of Infringement for the Accu
	88W8997 BLOCK DIAGRAM  https://www.nxp.com/docs/en/fact-sheet/88W8997-FACT-SHEET.pdf

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