TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM375140

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Intellectual Property Security Agreement

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
ANADIGICS, INC.		02/26/2016	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	II-VI Incorporated
Street Address:	375 Saxonburg Boulevard
City:	Saxonburg
State/Country:	PENNSYLVANIA
Postal Code:	16056
Entity Type:	CORPORATION: PENNSYLVANIA

PROPERTY NUMBERS Total: 1

Property Type	Number	Word Mark
Registration Number:	2896625	ANADIGICS

CORRESPONDENCE DATA

Fax Number: 3128278185

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: valerie.swanson@klgates.com
Correspondent Name: K&L Gates LLP
Address Line 1: P.O. Box 1135
Address Line 4: Chicago, ILLINOIS 60690-1135

CH $40.00 2896625

ATTORNEY DOCKET NUMBER:	3724589-1
NAME OF SUBMITTER:	Donald Bingham
SIGNATURE:	/Donald Bingham/
DATE SIGNED:	03/01/2016

Total Attachments: 17
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of February 26, 2016 by and between II-VI INCORPORATED, a Pennsylvania corporation, with an address of 375 Saxonburg Boulevard, Saxonburg, PA 16056 ("Lender") and ANADIGICS, INC., a Delaware corporation, with its principal place of business located at 141 Mount Bethel Road, Warren, New Jersey 07059 ("Grantor").

RECITALS

A. Lender has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans"), in the amounts and manner set forth in that certain Loan and Security Agreement by and between Lender and Grantor dated as of even date herewith (as the same may be amended, modified, restated and/or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Lender is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Lender a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Lender.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Lender a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations to Lender under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure the prompt performance of Grantor's obligations to Lender under the Loan Agreement, Grantor grants and pledges to Lender a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including without limitation the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any names, trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Lender.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Lender with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed

counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

5. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of New York, without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction).

[*Signature page follows.*]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

BORROWER:
ANADIGICS, INC.,
a Delaware corporation

By: _____

Name: Ronald L. Michels

Title: Chairman and Chief Executive Officer

LENDER:
II-VI INCORPORATED,
a Pennsylvania corporation

By: _____

Name:

Title:

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

BORROWER:
ANADIGICS, INC.,
a Delaware corporation

By: _____

Name:

Title:

LENDER:
II-VI INCORPORATED,
a Pennsylvania corporation

By: _____

Name: Mary Jane Raymond

Title: Chief Financial Officer

EXHIBIT A

Please refer to Exhibit D

EXHIBIT B

Patents

TITLE	PATENT NUMBER	ISSUE DATE
Self ESD Protected Device and Method thereof	9,099,862	8/4/2015
Compact Doherty combiner	9,071,211	6/30/2015
Integrated Output combiner for amplifier system	9,007,142	4/14/2015
Switched inductor DC-DC converter	8,917,075	12/23/2014
Boost-buck DC-DC converter	8,896,276	11/25/2014
Protection circuit for an electronic circuit	8,767,361	7/1/2014
Protection circuit	8,743.518	6/3/2014
RF directional coupled output from a quadrature combined amplifier	8,737,520	5/27/2014
Reconfigureable output matching network for multi band RF power amplifier	8,736,378	5/27/2014
Multistage amplification and high dynamic range rectification circuit	8,724,355	5/13/2014
Vector voltage samplers for RF interface control of power amplifier	8,717,104	5/6/2014
Current mirror circuit	8,717,092	5/6/2014
Low leakage logic circuit	8,680,885	3/25/2014
Current limiting circuit	8,648,661	2/11/2014
Linear multi-mode power amplifier for dynamic supply operation	8,598,951	12/3/2013
Tunable directional power combiner	8,508,296	8/13/2013
Direct DC coupled push-pull BJT driver for power amplifier with built-in gain and bias current signal dependent expansion	8,497,736	7/30/2013
Wideband RF power amplifier for multi-mode multi-band applications	8,461,931	6/11/2013
Power control circuit for radio frequency power amplifiers	8,432,228	4/30/2013
Power amplifier protection circuit	8,258,876	9/4/2012
Multi-stage power amplifier with enhanced efficiency	8,130,043	3/6/2012
Timing functions to optimize code-execution time	7,890,288	2/15/2011
Temperature compensated power detector	7,890,065	2/15/2011
High-power switch	7,852,172	12/14/2010
System and method for frequency multiplexing in double-conversion receivers	7,830,456	11/9/2010
Tuning circuitry utilizing frequency translation of an impedance from a fixed-filter frequency response	7,764,942	7/27/2010
Structures and methods for fabricating vertically integrated HBT-FET device	7,718,486	5/18/2010
Tunable balanced loss compensation in an electronic filter	7,639,069	12/29/2009
Electrostatic discharge protection device	7,586,720	9/8/2009
Voltage regulated power supply system	7,564,230	7/21/2009
Device and method for power amplifier noise reduction	7,545,218	6/9/2009
System and method for improving power efficiency in GSM power amplifiers	7,545,217	6/9/2009

Structures and methods for fabricating vertically integrated HBT-FET device	7,718,486	5/18/2010
System and method for distortion cancellation in amplifiers	7,459,974	12/2/2008
CDMA power amplifier design for low and high power modes	7,443,236	10/28/2008
Method and system for image rejection by using post mixer I/Q equalization	7,400,873	7/15/2008
Power amplifier having curve-fitting predistorter	7,385,447	6/10/2008
Device and method for power amplifier noise reduction	7,348,852	3/25/2008
System and method for distortion cancellation in amplifiers	7,301,396	11/27/2007
Variable gain amplifier	7,292,104	11/6/2007
Multi-mode digital bias control for enhancing power amplifier efficiency	7,248,111	7/24/2007
CDMA power amplifier design for low and high power modes	7,202,736	4/10/2007
Method and apparatus for gain control	7,173,406	2/6/2007
Method and apparatus for compensating and improving efficiency in a variable power amplifier	7,102,444	9/5/2006
Electrostatic discharge protection device	7,071,514	7/4/2006
Temperature compensated bias network	7,019,508	3/28/2006
Structures and methods for fabricating vertically integrated HBT/FET device	7,015,519	3/21/2006
Method and apparatus for optimization of amplifier with adjustable output range	7,009,454	3/7/2006
Monolithically fabricated HBT amplification stage with current limiting FET	6,998,920	2/14/2006
Efficiency enhancement for MMIC amplifiers	6,970,039	11/29/2005
Low bias current/temperature compensation current mirror for linear power amplifier	6,937,102	8/30/2005
Bias circuit linearization and dynamic power control	6,882,227	4/19/2005
Compact layout for a semiconductor device	6,856,004	2/15/2005
Transient overvoltage protection circuit	6,853,526	2/8/2005
Gain block with stable internal bias from low-voltage power supply	6,842,075	1/11/2005
Power amplifier with load switching circuit	6,806,767	10/19/2004
Dynamic matching in cascode circuits	6,803,824	10/12/2004
Integrated circuits with scalable design	6,760,900	7/6/2004
High directivity multi-band coupled-line coupler for RF power amplifier	6,759,922	7/6/2004
Multi-mode amplifier bias circuit	6,753,734	6/22/2004
Low stress thermal and electrical interconnects for heterojunction bipolar transistors	6,724,067	4/20/2004

Portable tube holder apparatus	6,719,518	4/13/2004
Gain control circuit with well-defined gain states	6,710,657	3/23/2004
Laser-trimmable digital resistor	6,664,500	12/16/2003
System and method for prototyping and fabricating complex microwave circuits	6,645,790	11/11/2003
Linearity radio frequency switch with low control voltage	6,642,578	11/4/2003
Amplifier bias adjustment circuit to maintain high-output third-order intermodulation distortion performance	6,639,466	10/28/2003
Active clamping circuit for power amplifiers	6,580,321	6/17/2003
Active power splitter with impedance matching	6,577,198	6/10/2003
Low bias current/temperature compensation current mirror for linear power amplifier	6,559,722	5/6/2003
Wafer demount receptable for separation of thinned wafer from mounting carrier	6,554,949	4/29/2003
Bias circuit for use with low-voltage power supply	6,515,546	2/4/2003
Multi-band amplifier	6,501,331	12/31/2002
Wafer demount receptacle for separation of thinned wafer from mounting carrier	6,491,083	12/10/2002
Wafer demount gas distribution too]	6,470,946	10/29/2002
GaAs MESFET having LDD and non-uniform P-well doping profiles	6,458,640	10/1/2002
Electrical contactor for automatic testing of chips including RF chips	6,437,585	8/20/2002
Spatula for separation of thinned wafer from mounting carrier	6,415,843	7/9/2002
Amplifier bias adjustment circuit to maintain high-output third-order intermodulation distortion performance	6,404,284	6/11/2002
Adjustable low spurious signal DC-DC converter	6,314,008	11/6/2001
Multiple-band amplifier	6,242,986	6/5/2001
Amplifier using a single polarity power supply	6,005,375	12/21/1999
Amplifier using a single polarity power supply	5,952,860	9/14/1999
Amplifier using a single polarity power supply and including depletion mode FET and negative voltage generator	5,892,400	4/6/1999
Multiple-band amplifier	5,774,017	6/30/1998
Multi-frequency local oscillators	5,748,049	5/5/1998
Method and apparatus for providing grounding to microwave circuit by low impedance means	5,736,913	4/7/1998
Automatic gain-control transimpedence amplifier	5,646,573	7/8/1997
Dual-channel low current low noise block downconverter	5,659,894	8/19/1997
Low cost monolithic gallium arsenide upconverter chip	5,625,307	4/29/1997
Automatic transimpedance control amplifier having a variable impedance feedback	5,602,510	2/11/1997
Low cost monolithic GaAs upconverter chip	5,563,545	10/8/1996
Plastic packages for microwave frequency applications	5,557,144	9/17/1996
Dual-channel low current low noise block downconverter	5,493,718	2/20/1996

U.S. PENDING PATENT APPLICATIONS

TITLE	APP. NO.	APP. DATE
VCSEL ARRAY	14/495,643	9/24/2014
WIDE-BAND AMPLIFIERS USING CLIPPER CIRCUITS FOR REDUCED HARMONICS	14/276,400	5/13/2014
DOHERTY POWER AMPLIFIER WITH INTEGRATED PRE-DISTORTION	14/292,241	5/30/2014
DYNAMICALLY CONFIGURABLE BIAS CIRCUIT FOR CONTROLLING GAIN EXPANSION OF MULTI-MODE SINGLE CHAIN LINEAR POWER AMPLIFIERS	14/456,975	8/11/2014
CIRCUIT ARRANGEMENT FOR COMPENSATING CURRENT VARIATIONS IN CURRENT MIRROR CIRCUIT	13/789,908	3/8/2013
PROTECTION CIRCUIT	13/910,802	6/5/2013
SWITCHED INDUCTOR DC-DC CONVERTER	13/286,660	11/1/2011
SELF ESD PROTECTED DEVICE AND METHOD THEREOF	13/459,621	4/30/2012
INTEGRATED OUTPUT COMBINER FOR AMPLIFIER SYSTEM	13/548,774	7/13/2012
BOOST-BUCK DC-DC CONVERTER	13/624,339	9/21/2012
COMPACT DOHERTY COMBINER	13/713,409	12/13/2012
DOHERTY AMPLIFIER	13/710,765	12/11/2012
RADIO FREQUENCY (RF) COUPLERS	14/026,461	9/13/2013
REDUCTION OF DELAMINATION AND/OR DEVICE LIFT IN SEMICONDUCTOR PACKAGING	61/918,750	12/20/2013
PROGRAMMABLE BROAD BANDWIDTH GAIN AMPLIFIER	61/895,868	10/25/2013
INTEGRATED RF LIMITER	14/957,101	12/2/2015
CASCODE POWER AMPLIFIER STAGE USING HBT AND FET	14/957,023	12/2/2015
HEAT SINK PACKAGE	14/956,906	12/2/2015
VCSEL WITH EMISSION ON SUBSTRATE SIDE	14/957,981	12/3/2015
VCSEL WITH AT LEASE ONE THROUGH SUBSTRATE VIA	14/957,940	12/3/2015
METHOD TO FORM A SELF-ALIGNED EVAPORATED METAL CONTACT IN A DEEP HOLE AND VCSEL WITH SUCH CONTACT	14/958,389	12/3/2015

EXHIBIT C

Trademarks

TITLE	REG. NO.	ISSUE DATE
Anadigics logo -Korea	40-0621551-0000	6/16/05
Anadigics logo -United Kingdom	UK00002259306	6/29/01
Anadigics logo -Israel	146,149	9/3/02
Anadigics logo -Japan	4,773,176	5/21/04
Anadigics logo—Taiwan	01110808	7/16/04
Anadigics logo -U.S.	2,896,625	10/26/04

Domain Names

ANADIGICS.AM	ANADIGICS.HU.COM	ANADIGICS.TW
ANADIGICS.AT	ANADIGICS.INFO	ANADIGICS.UK.COM
ANADIGICS.BE	ANADIGICS.JPN.COM	ANADIGICS.UK.NET
ANADIGICS.BIZ	ANADIGICS.KR.COM	ANADIGICS.US
ANADIGICS.BR.COM	ANADIGICS.LA	ANADIGICS.US.COM
ANADIGICS.BZ	ANADIGICS.ME.UK	ANADIGICS.UY.COM
ANADIGICS.CC	ANADIGICS.MS	ANADIGICS.VG
ANADIGICS.CN.COM	ANADIGICS.NAME	ANADIGICS.WS
ANADIGICS.CO.NZ	ANADIGICS.NET.CN	ANADIGICS.XYZ
ANADIGICS.CO.UK	ANADIGICS.NET.NZ	ANADIGICS.ZA.COM
ANADIGICS.COM	ANADIGICS.NO.COM	
ANADIGICS.COM.CN	ANADIGICS.ORG	
ANADIGICS.COM.MX	ANADIGICS.ORG.CN	
ANADIGICS.COM.TW	ANADIGICS.ORG.NZ	
ANADIGICS.DE	ANADIGICS.ORG.UK	
ANADIGICS.DE.COM	ANADIGICS.QC.COM	
ANADIGICS.EU	ANADIGICS.RU.COM	
ANADIGICS.EU.COM	ANADIGICS.SA.COM	
ANADIGICS.FM	ANADIGICS.SE.COM	
ANADIGICS.GB.COM	ANADIGICS.SE.NET	
ANADIGICS.GB.NET	ANADIGICS.TC	
ANADIGICS.GS	ANADIGICS.TV	

Exhibit D

Registered Mask Works

Title	Date Creation/Exploitation	Reg. No.	Reg. Date
B17	03/23/1990	MW0000006095	07/05/1990
B36	01/15/1991	MW0000006086	06/28/1990
B40C	03/23/1990	MW0000006103	07/02/1990
B49	01/15/1991	MW0000007794	02/12/1992
B78	01/15/1992	MW0000007792	02/12/1992
C1032A_A (C18TIGER9A_A) CMOS down-conver for 1GHz integrated tuner product A1T1032	11/26/2007	MW0000018730	05/12/2009
C1051A_A (C9AGCS2B_E) single chip digital tuner	09/18/2006	MW0000018366	10/05/2007
C6155A_A (PC6155A_A) quad-band GSM/SPRS/edge power amplifier module	01/11/2008	MW0000019044	12/14/2009
C6156A_I (PC6180A_E) Controller for ALT6181 MMPA	07/26/2012	MW0000019352	09/24/2012
C6157A_G (PC6159A_D) CMOS controller	11/15/2009	MW0000019042	12/14/2009
C6157A_L (PC6157A_L) CMOS controller	07/28/2010	MW0000019130	09/13/2010
CP3B	07/26/1995	MW0000013186	07/03/1997
CP9C	12/01/1995	MW0000013563	11/24/1997
D12A	06/03/1995	MW0000009692	01/18/1994
D30AS1	03/15/1994	MW0000009692	08/25/1995
FB49A	07/17/1998	MW0000011241	05/24/2000
FB53A	08/26/1999	MW0000015194	05/24/2000
H0155A_C (IX75C_A) quad-band GSM/SPRS/EDGE power module with	12/22/2007	MW0000018963	12/14/2009
H0157A_B (HB6157C_D) high band linear pam	06/25/2010	MW0000019161	9/13/2010
H0521A_C (P1521B_B) Gobi3k high band	01/05/2011	MW0000019164	03/15/2011
H0526A_B (G5HB06D_B) highband die for GOBI 5k module	07/19/2012	MW0000019343	08/14/2012
H1628A_B (B8402A_N) (Help4 UMTS900 band 8)	02/23/2011	MW0000019232	06/09/2011
H6125A_B (B5402A_Q) IMT/PCS HELP4 PAM	03/03/2011	MW0000019238	05/20/2011
H6159A_A (1Z44B_A) LB die for AWE6169 polar PAM	07/01/2009	MW0000018842	10/30/2009
H6181A_B (Alt6181P1_H) Alt6181 MMPA	07/26/2012	MW0000019353	09/24/2012
H6224A_D (H6224A_B) help3 dual-band 900 MHz/IMT UMTS 3.4V HSPA linear	11/07/2007	MW0000018827	09/16/2009

Title	Date Creation/Exploitation	Reg. No.	Reg. Date
H6243B_D (H6243B_D) help3 1.7 GHz/UMTS 3.4V/28.5 dBm linear power	11/07/2007	MW0000018829	09/16/2009
H6243B_D (H6243B_D) help3 1.7 GHz/UMTS 3.4V/28.5 dBm linear power	11/07/2007	MW0000018828	09/16/2009
H6261A_B (WIMAX6261A_B) 2.5-2.7 GHz mobile WiMAX power amplifier module	09/28/2007	MW0000018806	09/16/2009
H6264B_B (K6264J_B) AWT6264	11/10/2009	MW0000019233	11/18/2009
H6268A_A (T6268J_A) +26 dBm 2.5-2.7 GHz WiMAX PA	01/07/2011	MW0000019233	06/10/2011
H6283B_B (WMAX35D7_F) 3.5 GHz WiMax PA	01/15/2010	MW0000019078	08/02/2010
H6309A_E (KPH01F_C) help2 AWS/KPCS CDMA 3.4V/28 dBm linear power amplifier	10/11/2007	MW0000018830	09/16/2009
H6323A_B (C6323A_C) H0323A_B (P6323A_C) Help cell/PCS PA w/coupler	04/01/2010	MW0000018940	04/12/2010
H6340B_B (OJT05_H) HELP CDMA band class 0,10 high efficiency power amplifier	10/01/2012	MW0000019350	10/23/2012
H6388A_C (C4507A_B) 450 MHz CDMA 3.4V/29.5dBm linear power amplifier	08/28/2008	MW0000018967	12/14/2009
H6423A_A (Y3V25B_D) WiMAX power amplifier	07/06/2007	MW0000018798	06/26/2009
H6433A_A (Y3V35G_B) 3.4-3.6 GHz mobile WiMax	08/29/2009	MW0000019013	04/08/2010
H6521A_D (C1521B_D) Gobi3k low band	02/28/2011	MW0000019163	03/15/2011
H6526A_B (G5LB40A_B) lowband die for GOBI 5k module	07/18/2012	MW0000019342	08/14/2012
H6551A_A (99K00700_E) Wilan power amplifier	02/06/2009	MW0000018716	06/26/2009
H6605A_A (H6224A_I) WCDMA/HSPA power amplifier	05/05/2009	MW0000018777	08/03/2009
H6615A_B (15C2A_E)/H0615A_B (15P2A_F) help3E EGSM/IMT PA	03/02/2011	MW0000019176	03/07/2011
H6615A_E (15CA_G)/H0615A_E (15P2A_I) HELP3E Cell/PCS PA	04/03/2012	MW0000019346	04/26/2012
H6618A_B (18E2A_B)/H0618A_B (1813A_B) help3E EGSM/IMT PA	03/02/2011	MW0000019177	03/07/2011
H6618A_D (18E2A_D)/H0618A_D (1813A_D) HELP3E EGSM/IMTPA	04/03/2012	MW0000019344	04/26/2012
H6625A_A (B5402A_E) help4 cell	10/30/2010	MW0000019148	10/06/2010
H6628A_C (B8402C_G) help4 EGSM	12/15/2010	MW0000019149	11/15/2010
H6701A_B (T27D_C) IMT/PCS HELP4PAM	04/20/2010	MW0000018939	04/22/2010
H6701A_G (T28R_G) PCS help4 PA	03/18/2011	MW0000019201	04/22/2011
H6707A_B (H4B704HA) HELP4 UMT band 7	05/17/2011	MW0000019241	08/03/2011
H6712A_A (B12H403B_D) ALT6714	01/14/2011	MW0000019203	04/22/2011
H6713A_B (B13H405C_B) band 13 help 4 PA	08/23/2010	MW0000019079	08/25/2010

Title	Date Creation/Exploitation	Reg. No.	Reg. Date
H6714A_A (B13H400B_D)	01/14/2011	MW0000019229	04/22/2011
H6738A_A (B38H400A_C) wireless HELP4 TD-LTE PAS	04/20/2011	MW0000019258	07/21/2011
H6740A_A (B40H400A_C) wireless HELP4 TD-LTE PAS	04/25/2011	MW0000019259	07/21/2011
H7123A_A (K7123FS_D) infrastructure power amplifiers	12/08/2010	MW0000019165	03/15/2011
H7127A_A (H7127FS_D) infrastructure power amplifiers	11/11/2010	MW0000019166	02/03/2011
H7223A_B (K7223_DS_MIR_B) dual die amp	10/04/2012	MW0000019442	02/19/2013
H7223A_B (K7223DS_B) dual die amp	10/04/2012	MW0000019434	02/19/2013
H7227A_B (K7227_DS_MIR_B) dual die amp	10/31/2012	MW0000019446	02/19/2013
H7227A_B (K7227DS_B) dual die amp	10/31/2012	MW0000019441	02/19/2013
H7228A_A (K7228A4_A) dual die amp	04/05/2012	MW0000019438	02/19/2013
H7228A_A (K7228A4_MIR_A) dual die amp	04/05/2012	MW0000019440	02/19/2013
H7230A_A (JWMX35D7_MIR_H)	02/02/2013	MW0000019452	05/29/2013
H6388A_C (C4507A_B) 450 MHz CDMA 3.4V/29.5dBm linear power amplifier	08/28/2008	MW0000018967	12/14/2009
H6423A_A (Y3V25B_D) WiMAX power amplifier	07/06/2007	MW0000018798	06/26/2009
H6433A_A (Y3V35G_B) 3.4-3.6 GHz mobile WiMax	08/29/2009	MW0000019013	04/08/2010
H6521A_D (C1521B_D) Gobi3k low band	02/28/2011	MW0000019163	03/15/2011
H6526A_B (G5LB40A_B) lowband die for GOBI 5k module	07/18/2012	MW0000019342	08/14/2012
H6551A_A (99K00700_E) Wilan power amplifier	02/06/2009	MW0000018716	06/26/2009
H6605A_A (H6224A_I) WCDMA/HSPA power amplifier	05/05/2009	MW0000018777	08/03/2009
H6615A_B (15C2A_E)/H0615A_B (15P2A_F) help3E EGSM/IMT PA	03/02/2011	MW0000019176	03/07/2011
H6615A_E (15CA_G)/H0615A_E (15P2A_I) HELP3E Cell/PCS PA	04/03/2012	MW0000019346	04/26/2012
H6618A_B (18E2A_B)/H0618A_B (1813A_B) help3E EGSM/IMT PA	03/02/2011	MW0000019177	03/07/2011
H6618A_D (18E2A_D)/H0618A_D (18I3A_D) HELP3E EGSM/IMTPA	04/03/2012	MW0000019344	04/26/2012
H6625A_A (B5402A_E) help4 cell	10/30/2010	MW0000019148	10/06/2010
H6628A_C (B8402C_G) help4 EGSM	12/15/2010	MW0000019149	11/15/2010
H6701A_B (T27D_C) IMT/PCS HELP4PAM	04/20/2010	MW0000018939	04/22/2010
H6701A_G (T28R_G) PCS help4 PA	03/18/2011	MW0000019201	04/22/2011

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H6707A_B (H4B704HA) HELP4 UMT band 7	05/17/2011	MW0000019241	08/03/2011
H6712A_A (B12H403B_D) ALT6714	01/14/2011	MW0000019203	04/22/2011
H6713A_B (B13H405C_B) band 13 help 4 PA	08/23/2010	MW0000019079	08/25/2010
H6714A_A (B13H400B_D)	01/14/2011	MW0000019229	04/22/2011
H6738A_A (B38H400A_C) wireless HELP4 TD-LTE PAS	04/20/2011	MW0000019258	07/21/2011
H6740A_A (B40H400A_C) wireless HELP4 TD-LTE PAS	04/25/2011	MW0000019259	07/21/2011
H7123A_A (K7123FS_D) infrastructure power amplifiers	12/08/2010	MW0000019165	03/15/2011
H7127A_A (H7127FS_D) infrastructure power amplifiers	11/11/2010	MW0000019166	02/03/2011
H7223A_B (K7223_DS_MIR_B) dual die amp	10/04/2012	MW0000019442	02/19/2013
H7223A_B (K7223DS_B) dual die amp	10/04/2012	MW0000019434	02/19/2013
H7227A_B (K7227_DS_MIR_B) dual die amp	10/31/2012	MW0000019446	02/19/2013
H7227A_B (K7227DS_B) dual die amp	10/31/2012	MW0000019441	02/19/2013
H7228A_A (K7228A4_A) dual die amp	04/05/2012	MW0000019438	02/19/2013
H7228A_A (K7228A4_MIR_A) dual die amp	04/05/2012	MW0000019440	02/19/2013
H7230A_A (JWMX35D7_MIR_H)	02/02/2013	MW0000019452	05/29/2013
H9270A_C (927007_B) intel 2Ghz PA module.	09/25/2010	MW0000019134	10/16/2010
H9280B_A (FE2563DD_B)	03/03/2013	MW0000019451	05/29/2013
H9281A_A (FE2582CB_A)	03/10/2013	MW0000019450	05/29/2013
H9555A_A (PA5344BB_B) WiFi FEIC	12/11/2009	MW0000019041	01/13/2010
H9565A_A (FE5041AA258_B) AWL9565	01/19/2011	MW0000019214	04/22/2011
H9580B_A (WLANFEIC_A)	03/10/2013	MW0000019453	05/29/2013
H9581B_D (FE5792DE1LL_A) 5GHz WLAN front end module	03/06/2013	MW0000019439	03/22/2013
H9935B_C (KPXEG3_B) front end integrated circuit	12/18/2009	MW0000018951	03/23/2010
H9935B_E (KPXEG10_E) AWL9935 Kilmer Peak FEM B	12/18/2009	MW0000019081	08/02/2010
H9966A_A (FE9266AB_A) Wlan dual bandTX/RX FEIC	12/01/2009	MW0000018962	12/10/2009
H9970B_E (FA280_Q) dual band WiMax power amplifier, 2.3-2.7 GHz & 3.3-3.8 GHz	08/13/2009	MW0000018824	10/20/2009
K1H	01/31/1994	MW0000011240	08/25/1995

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K1I	01/31/1994	MW0000011044	07/13/1995
K1J	02/28/1994	MW0000011238	08/25/1995
K1J-K	03/31/1994	MW0000011045	07/13/1995
K35E	01/01/1995	MW0000012600	12/17/1996
K54B	12/21/1995	MW0000012890	05/19/1997
LA02B	07/26/1995	MW0000013212	07/03/1997
LA16A	02/19/1999	MW0000015198	05/24/2000
M1023B_A (USPT11D_E) GaAs upconverter for 1GHz integrated tuner	11/26/2007	MW0000018731	05/12/2009
M2017A_E (BPGA5BDH_C) GaAs amplifier for DOCSIS 3.0 programmable	07/13/2007	MW0000018797	06/26/2009
M2420A_B (CSD100NGC_B) high output power doubler line amplifier	05/13/2008	MW0000018964	05/13/2008
M2443A_A (LA27PP5N2_B) 2UM line amp	07/06/2010	MW0000019213	04/22/2011
M2444A_A (2444029_A) 2um Line Amplifier	None listed	MW0000019324	08/12/2011
M2445A_A (2444NP029J_A) 870 Mhz hyrid line amp	None listed	MW0000019347	05/09/2012
M2447A_A (2UESD2407_B) 2UM line amp	10/15/2009	MW0000018965	01/20/2010
M3606A_C (AS1P5SKC_E) active power splitter	08/22/2008	MW0000019043	01/20/2010
M3623A_B (3619DB_A) 1GHz three-way active power splitter optimized for MoCA	03/14/2008	MW0000018966	12/14/2009
M3625A_A (APS3625_A)	04/12/2010	MW0000019133	09/29/2010
MMPA06A_A laminate type 15R	07/26/2012	MW0000019351	09/24/2012
MU2-B	11/17/1992	MW0000012889	05/19/1997
RA01A	04/14/1998	MW0000015142	04/13/2000
RA04A	04/22/1999	MW0000015193	05/24/2000
SH13A	02/02/1999	MW0000015197	05/24/2000
U1	01/31/1995	MW0000012640	01/22/1997
U3A	03/12/1991	MW0000007793	02/12/1992
U6	02/22/1996	MW0000012898	05/19/1997
UPGI2	06/03/1993	MW0000009691	01/18/1994
UR24C	11/22/1993	MW0000011239	08/25/1995

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UR7	11/18/1993	MW0000009693	01/18/1994
VN6G	04/30/1995	MW0000012910	04/14/1997
WH0181A_D (HX04F_I) MMPA	07/26/2012	MW0000019355	09/24/2012
WH6181A_C (L06WE_B) Alt6181 MMPA	07/26/2012	MW0000019354	09/24/2012
WH6631A_A (B01H310D_A) AWT6631	02/08/2011	MW0000019235	05/31/2011
WH6632A_A (B02H314C_B) AWT6632	03/15/2011	MW0000019322	10/12/2011
WH6634A_A (B04H306C_B) AWT6634	03/15/2011	MW0000019321	10/12/2011
WL22A	01/21/1999	MW0000015196	05/24/2000
WL23A	01/21/1999	MW0000015195	05/24/2000
WT86A	09/18/1998	MW0000015189	05/24/2000