FCC TEST REPORT

REPORT NO.: RF140620C11

MODEL NO.: NB106-N

FCC ID: 7361A-E1729

RECEIVED: Jul. 08, 2014

ISSUED: Aug. 06, 2014

APPLICANT: NVIDIA Corporation

ADDRESS: 2701 San Tomas, Expresswa Santa Clara, California, United States 95050

ISSUED BY: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)

TEST LOCATION: No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

This report should not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF140620C11	Original release	Aug. 06, 2014

1   CERTIFICATION

PRODUCT:	Module
MODEL:	NB106-N
BRAND:	NVIDIA
APPLICANT:	NVIDIA Corporation
TEST SAMPLE:	Identical Prototype
STANDARDS:	**FCC Part 22, Subpart H**
	FCC Part 24, Subpart E
	FCC Part 27, Subpart C, L
	FCC Part 2
	ANSI C63.4-2003

The above equipment (model: NB106-N) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : *Gina Liu* , DATE : Aug. 06, 2014

Gina Liu / Specialist

APPROVED BY : *Sam Chen* , DATE : Aug. 06, 2014

Sam Chen / Senior Project Engineer

2 RADIATED POWER EIRP / ERP CALCULATION

Pursuant to FCC KDB 412172 D01 Determining ERP and EIRP v01, the ERP and EIRP can be determined from the results of the power measurement of the module, which is integrated into the host.

Antenna used is same type and lower gain from WWAN Original grant. Therefore, only the test item of ERP/EIRP test had been an addendum test to this report.

Based on the maximum conducted power measurement results and the antenna gain in the host under this C2PC filing, ERP / EIRP are determined as below.

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	Ant Gain (dBd)	ERP (dBm)	ERP (W)	Part 22.913 Requirement	Result
GSM 850	31.86	-6.1	-8.25	23.61	0.23	ERP<7W	Pass
WCDMA V	22.94	-6.1	-8.25	14.69	0.03		Pass
LTE Band 5	23.47	-6.1	-8.25	15.22	0.03		Pass

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP (W)	Part 24.232 Requirement	Result
GSM 1900	28.75	-6.2	22.55	0.18	EIRP<2W	Pass
WCDMA II	23.16	-6.2	16.96	0.05		Pass
LTE Band 2	22.98	-6.2	16.78	0.05		Pass

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP (W)	Part 27.50 Requirement	Result
WCDMA IV	22.89	-4.4	18.49	0.07	EIRP<1W	Pass
LTE Band 4	23.01	-4.4	18.61	0.07		Pass
LTE Band 7	22.73	-5.1	17.63	0.06	EIRP<2W	Pass

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	Ant Gain (dBd)	ERP (dBm)	ERP (W)	Part 27.50 Requirement	Result
LTE Band 17	23.17	-9.9	-12.05	11.12	0.01	ERP<3W	Pass