

# ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

## UN-INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART B and INDUSTRY CANADA ICES-003 CERTIFICATION REQUIREMENT

OF

**Product Name:** Nynos LGA CDMA

**Brand Name:** OPTION

**Model Name:** MO6092

**Model Difference:** N/A

**FCC ID:** NCMOMO6092

**IC:** 2734A-MO6092

**Report No.:** EI-2011-40003

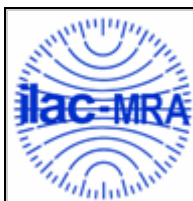
**Issue Date:** Apr. 15, 2011

**FCC Rule Part:** Part 15 B

**IC Rule Part:** ICES-003: Issue 4, 2004

**Prepared for:** Option NV  
Gaston Geenslaan 14, 3001 Leuven

**Prepared by:** SGS Taiwan Ltd.  
Electronics & Communication Laboratory  
No. 134, Wu Kung Rd., Wuku Industrial Zone,  
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## VERIFICATION OF COMPLIANCE

**Applicant:** Option NV  
Gaston Geenslaan 14, 3001 Leuven

**Product Description:** Nyos LGA CDMA

**Brand Name:** OPTION

**Model No.:** MO6092

**Model Difference:** N/A

**FCC ID:** NCMOMO6092

**IC:** 2734A-MO6092

**File Number:** EI-2011-40003

**Date of test:** Apr. 07, 2011 ~ Apr. 14, 2011

**Date of EUT Receive:** Apr. 07, 2011

### We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4: 2003 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15B and IC ICES-003 issue 4: 2004.

The test results of this report relate only to the tested sample identified in this report.

*Test By:*

*Nick Liu*

*Date:*

Apr. 15, 2011

*Nick Liu / Engineer*

*Prepared By:*

*Celine Chou*

*Date:*

Apr. 15, 2011

*Celine Chou / Clerk*

*Approved By:*

*Jim Chang*

*Date:*

Apr. 15, 2011

*Jim Chang / Supervisor*

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## Version

Version No.	Date	Description
00	Apr. 15, 2011	Initial creation of document

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## 1. GENERAL INFORMATION

### 1.1. Product Description

#### General:

Product Name	Nyos LGA CDMA
Brand Name	OPTION
Model Name	MO6092
Model Difference	N/A
Power Supply	3.7 Vdc by DC Power Supply

#### GSM and WCDMA

Cellular Phone Standards Frequency Range and Power:	Operating Frequency		Rated Power
	GSM/GPRS 850, Class 12	824.2 MHz– 848.8 MHz	33 dBm
	GSM/GPRS 1900, Class 12	1850.2MHz – 1909.8MHz	30 dBm
	EDGE 850, Class 12	824.2 MHz– 848.8 MHz	27 dBm
	EDGE 1900, Class 12	1850.2MHz – 1909.8MHz	26 dBm
	WCDMA/HSUPA/HSDPA Band II	1852.4MHz – 1907.6MHz	24 dBm
	WCDMA/HSUPA/HSDPA Band V	826.4MHz – 846.6MHz	24dBm
	HSDPA Category: 10 HSUPA Category: 6		
Type of Emission:	GSM850: 245KGXW, GSM1900: 245KGXW EDGE 850: 246KG7W, EDGE 1900: 245KG7W CDMA 850: 1M26F9W CDMA 1900: 1M27F9W WCDMA Band II: 4M16F9W, WCDMA Band V: 4M15F9W		
Hardware Version:	3.1		
Software Version:	1.8.2.0		
IMEI:	004401441440019		

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**CDMA 2000:**

Cellular Phone Standards Frequency Range and Power	Operating Frequency		Rated Power
	CDMA 2000 Cellular / EVDO Cellular	824.7MHz – 848.31MHz	24 dBm
	CDMA 2000 PCS / EVDO PCS	1851.25MHz– 1908.75MHz	24 dBm
MEID Manuf. Code	004401441440019		

**GPS:**

Receiver Frequency	L1 Band, 1575.42MHz
Frequency Conversion oscillator	19.2MHz
Antenna Designation	PCB Antenna

This test report applies for GSM/GPRS/EDGE 850/1900, CDMA 2000 and EVDO and WCDMA/HSDPA/HSUPA Bands II, Band V.

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## 1.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: NCMOMO6092** filing to comply with Part15 Subpart B, class B of the FCC CFR 47 Rules and IC: **2734A-MO6092** filing to comply with Industry Canada ICES-003: Issue 4, 2004 procedure.

## 1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4: 2003) and RSS-Gen. Radiated testing was performed at an antenna to EUT distance 3 meters.

## 1.4. Test Facility

The measurement facilities used to collect the 3m Radiated Emission and AC power line conducted data are located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei Country, Taiwan which are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4: 2003. FCC Registration Number are: 990257 and 236194, Canada Registration Number: 4620A-4

The 10 m Open Area Test Sites located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No. 29, Pau-Tou-Tsuo Valley Chia-Pau Tsuen, Linkou Hsiang, Taipei county, which is constructed and calibrated to meet the CISPR 22/EN 55022 requirements. SGS Site No. 1(3 &10 meters) and FCC Registration Number: 94644

## 1.5. Special Accessories

Not available for this EUT intended for grant.

## 1.6. Equipment Modifications

Not available for this EUT intended for grant.

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## 2. System Test Configuration

### 2.1. EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

### 2.2. EUT Exercise

The EUT was operated in the normal operation mode.

### 2.3. Test Procedure

#### 2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 7 of ANSI C63.4-2003. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.

#### 2.3.2 Radiated Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna. according to the requirements in Section 8 of ANSI C63.4: 2003.

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## 2.4. Limitation

### (1) Conducted Emission

According to section 15.107(a), ICES-003, RSS-GEN, Section 7.2.2. Conducted Emission Limits is as following.

Frequency range MHz	Class B Limits dB (uV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note

- 1.The lower limit shall apply at the transition frequencies
- 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

### (2) Radiated Emission

According to section 15.109(a), ICES-003, RSS-GEN, Section 7.2.3. Radiated Emission Class B Limits is as following:

Frequency (MHz)	Field strength $\mu\text{V}/\text{m}$	Distance (m)	Field strength at 3m $\text{dB}\mu\text{V}/\text{m}$
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54

Standard	Date	Description
CISPR 22	2006	Limits and methods of measurement of radio interference characteristics of information technology equipment.

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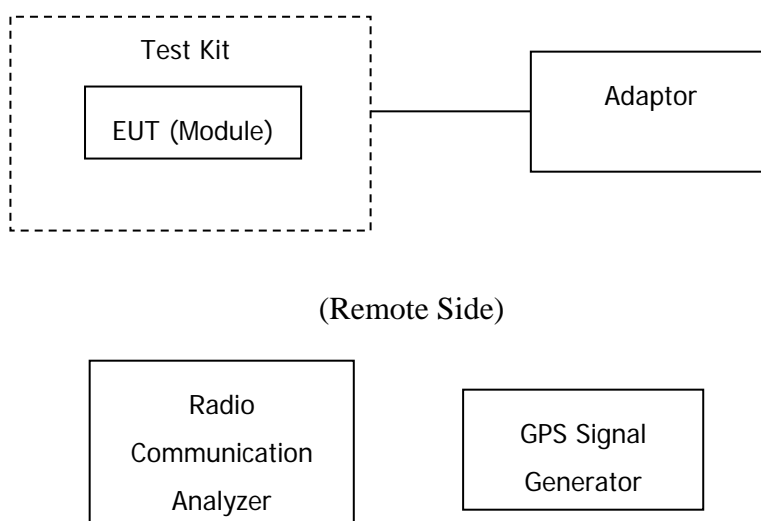
CISPR 22 Limit:

Frequency range MHz	Limits dBuV/m (10m)
	Quasi-peak
30 to 230	30
230 to 1000	37

Remark: 1. Emission level in dBuV/m=20 log (uV/m)  
2. Measurement was performed at an antenna to the closed point of EUT distance of 3 meters.

## 2.5. Configuration of Tested System

**Fig. 2-1 Configuration of Tested System**



**Table 2-1 Support Equipment Used in Tested System**

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
1.	Radio Communication Analyzer	R&S	CMU200	N/A
2.	Adaptor	Kosh Power	CE105D0050V2 400	1880337
3.	GPS Signal Generator	WELNAVIGATE INC.	GS 50	N/A
4.	Notebook	IBM	T60	L3DK794

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### 3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.107	Conducted Emission Class B	N/A
§15.109	Radiated Emission Class B	Compliant

### 4. Description of test modes

The EUT was stayed in normal operation mode and all tests were carried out for worst Main source.

#### Test Plan

<b>MO6092</b>		<b>Config 1</b>
Applicable standard (FCC )		part 15B
Accessories		UE
		GSM
EN No.	Description	
8.2	radiated emission(30MHz to 1GHz)(1GHz to 13GHz)	Operation mode
8.3	conducted emission (DC Power)	NA
8.4	conducted emission (AC Power)	Operation mode

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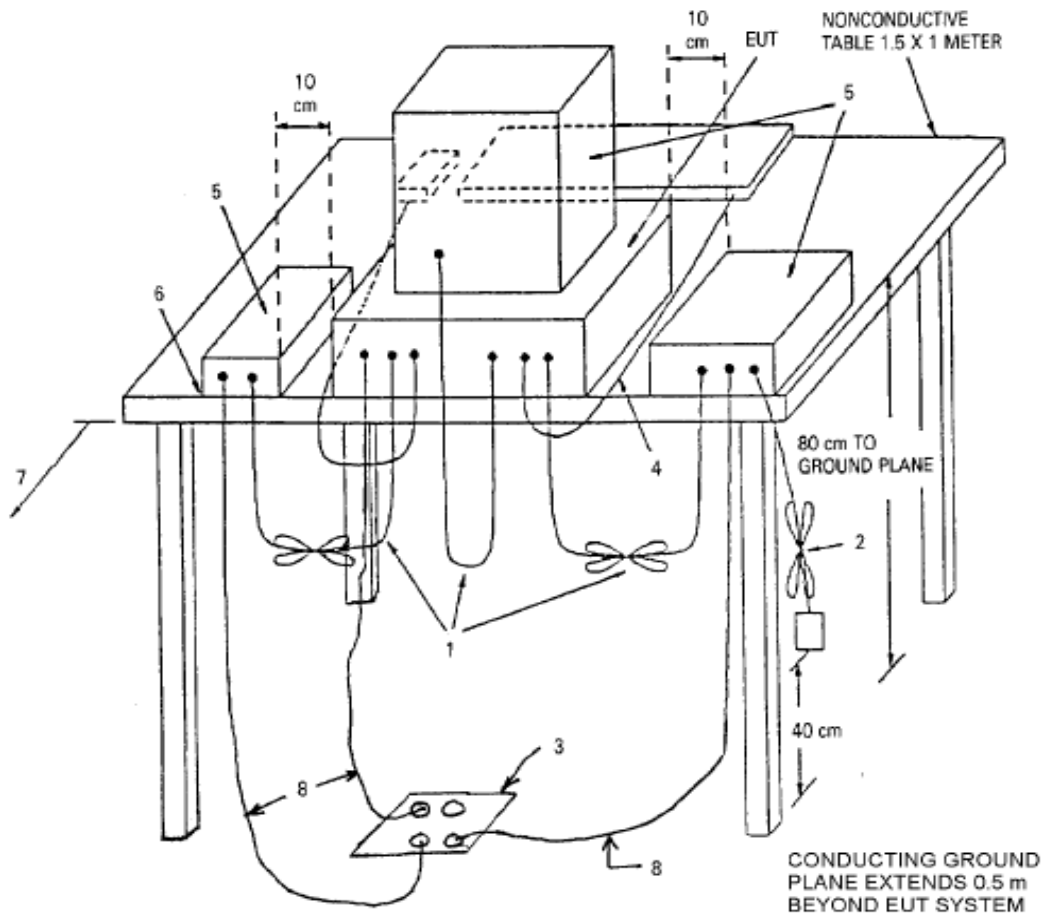
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## 5. Conducted Emissions Test

### 5.1. Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

### 5.2. Test SET-UP (Block Diagram of Configuration)



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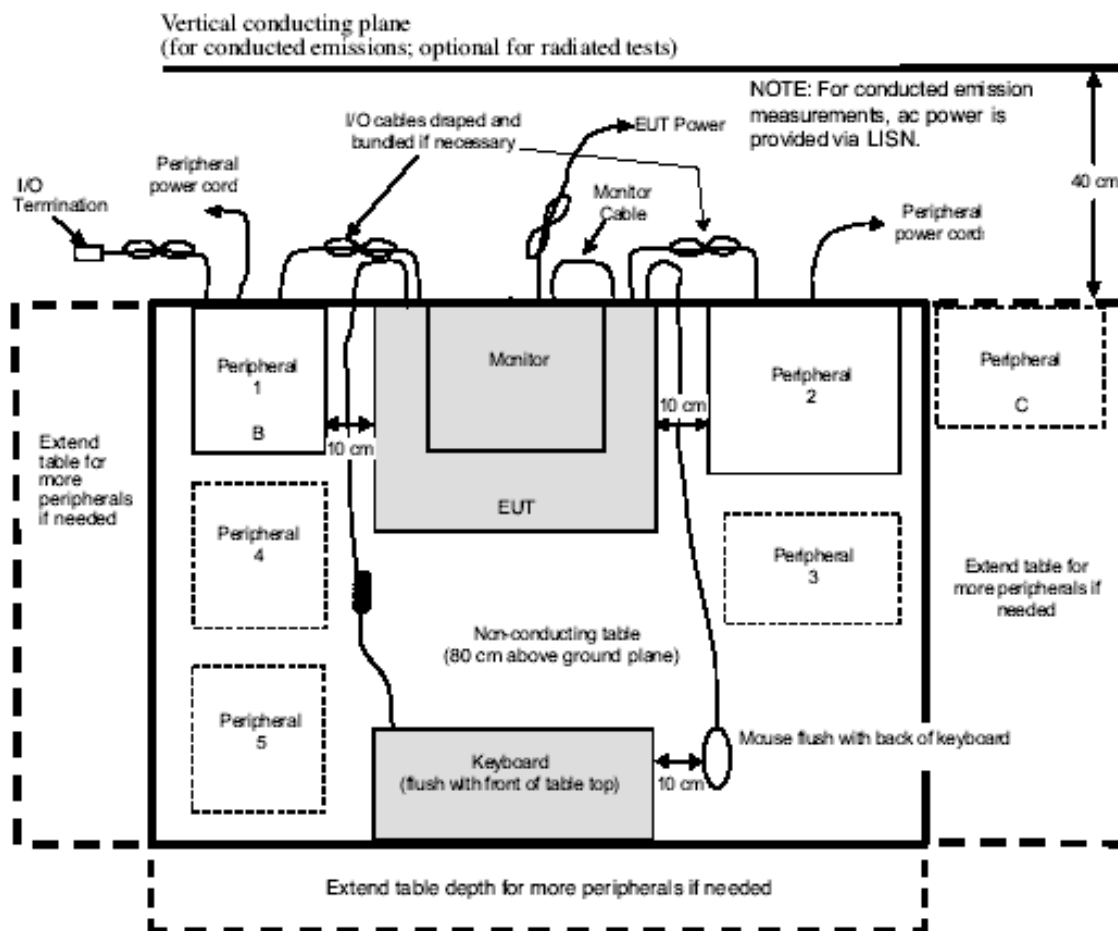
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LEGEND:

- 1) Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center, forming a bundle 30 to 40 cm long (see 6.1.4 and 11.2.4).
- 2) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated if required using the correct terminating impedance. The total length shall not exceed 1 m (see 6.1.4).
- 3) If LISNs are kept in the test setup for radiated emissions, it is preferred that they be installed under the ground plane with the receptacle flush with the ground plane (see 6.1.4).
- 4) Cables of hand-operated devices, such as keyboards, mice, etc., shall be placed as for normal use (see 6.2.1.3 and 11.2.4).
- 5) Non-EUT components of EUT system being tested (see also Figure 13).
- 6) Rear of EUT, including peripherals, shall all be aligned and flush with rear of tabletop (see 6.2.1.1 and 6.2.1.2).
- 7) No vertical conducting plane used (see 5.2.2).

Figure 11a—Test arrangement for radiated emissions tabletop equipment



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### 5.3. Measurement Equipment Used:

AC POWER LINE CONDUCTED EMISSION EQUIPMENT List					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	R&S	ESCS30	828985/004	09/15/2010	09/14/2011
LISN	Rolf-Heine	NNB-2/16Z	99012	02/02/2011	02/01/2012
LISN	FCC	FCC-LISN-50/250-2 5-2-01	04034	02/02/2011	02/01/2012
Coaxial Cables	N/A	WK CE Cable	N/A	11/28/2010	11/27/2011

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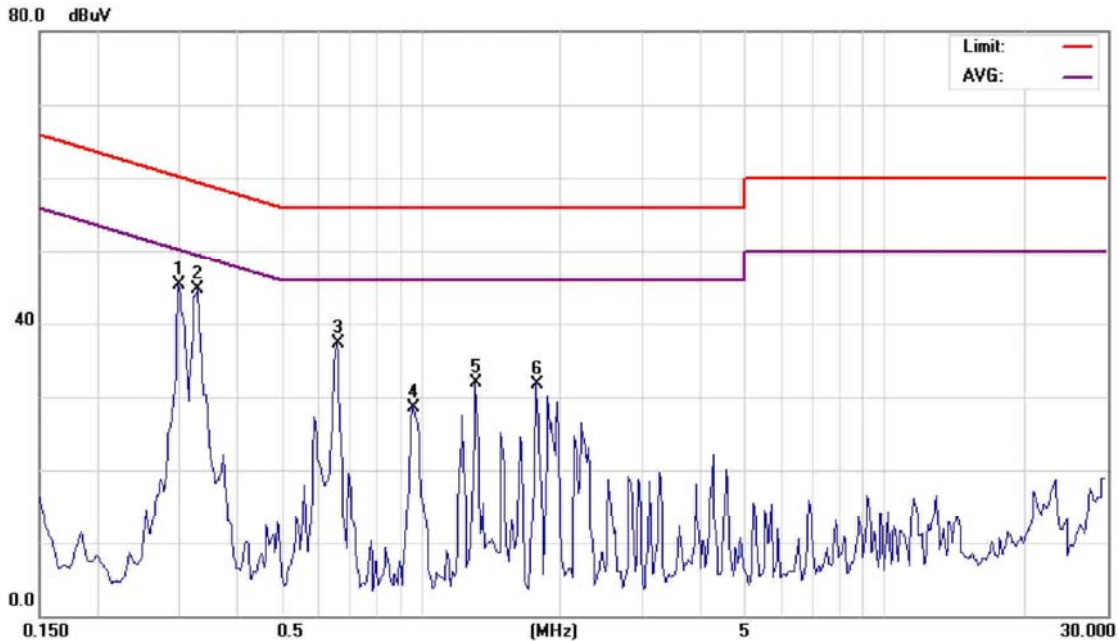
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#### 5.4. Measurement Result:

Operation Mode:	Config 1	Test Date:	Apr. 14, 2011
Test By:	Nick	Pol.:	L1



Site	SGS CONDUCTED #1	Phase:	L1	Temperature:	23 °C
Limit:	FCC Class B Conduction(QP)	Power:	AC 120V/60Hz	Humidity:	64%
EUT:	Nyos LGA CDMA	Distance:		Air Pressure:	hpa
M/N:	MO6092				
Note:	Operationmode				

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3000	45.21	0.12	45.33	60.24	-14.91	peak	
2	*	0.3300	44.61	0.12	44.73	59.45	-14.72	peak	
3		0.6600	37.27	0.12	37.39	56.00	-18.61	peak	
4		0.9600	28.49	0.11	28.60	56.00	-27.40	peak	
5		1.3100	31.74	0.12	31.86	56.00	-24.14	peak	
6		1.7800	31.66	0.14	31.80	56.00	-24.20	peak	

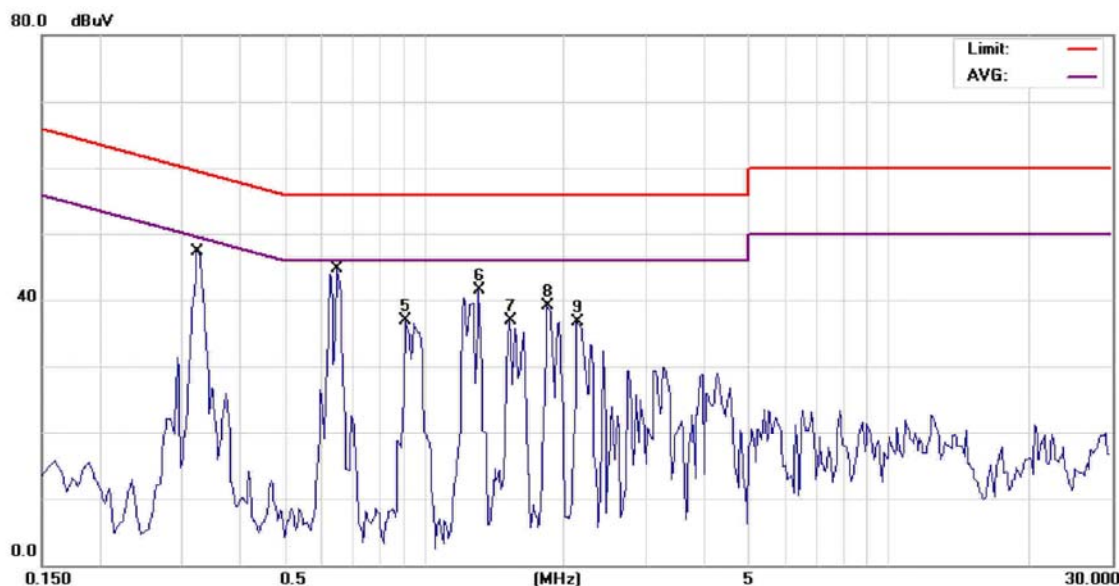
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Operation Mode:	Config 1	Test Date:	Apr. 14, 2011
Test By:	Nick	Pol.:	N



Site	SGS CONDUCTED #1	Phase:	N	Temperature:	23 °C
Limit:	FCC Class B Conduction(QP)	Power:	AC 120V/60Hz	Humidity:	64%
EUT:	Nyos LGA CDMA	Distance:		Air Pressure:	hpa
M/N:	MO6092				
Note:	Operationmode				

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3241	47.70	0.16	47.86	59.60	-11.74	QP	
2		0.3241	42.45	0.16	42.61	49.60	-6.99	AVG	
3		0.6539	46.89	0.16	47.05	56.00	-8.95	QP	
4	*	0.6539	40.61	0.16	40.77	46.00	-5.23	AVG	
5		0.9100	36.75	0.15	36.90	56.00	-19.10	peak	
6		1.3100	41.28	0.16	41.44	56.00	-14.56	peak	
7		1.5300	36.82	0.17	36.99	56.00	-19.01	peak	
8		1.8400	38.87	0.18	39.05	56.00	-16.95	peak	
9		2.1400	36.59	0.18	36.77	56.00	-19.23	peak	

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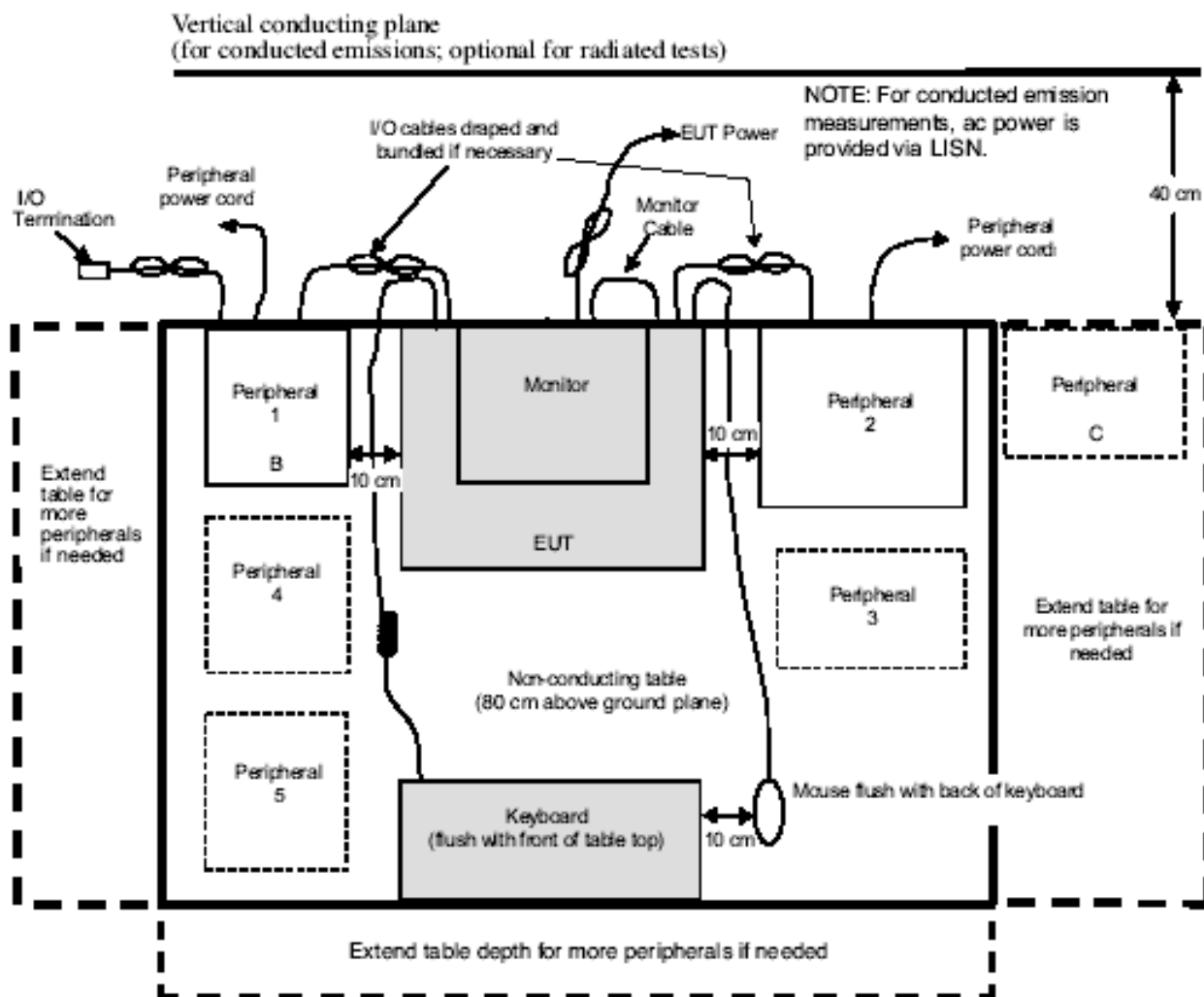


## 6. Radiated Emission Test

### 6.1. Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

### 6.2. Test SET-UP (Block Diagram of Configuration)



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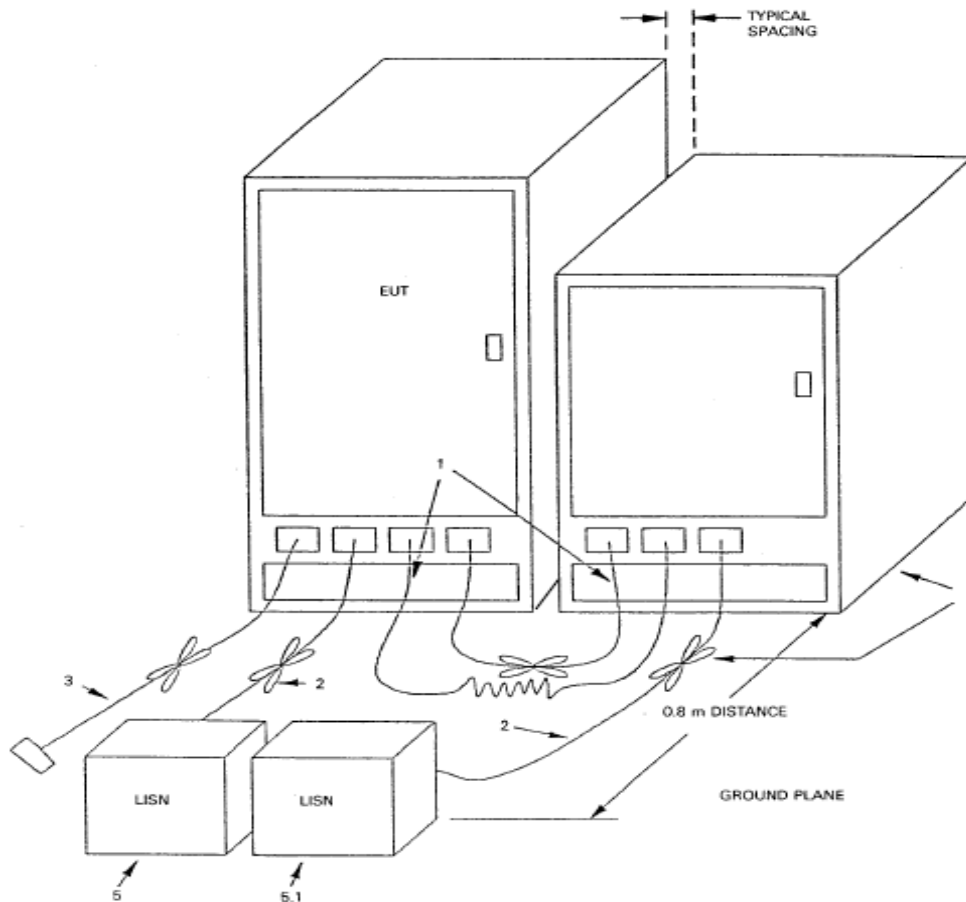
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**LEGEND:**

- 1) Excess I/O cables shall be bundled in the center. If bundling is not possible, the cables shall be arranged in serpentine fashion. Bundling shall not exceed 40 cm in length (see 6.1.4 and 11.2.4).
- 2) Excess power cords shall be bundled in the center or shortened to appropriate length (see 7.2.1).
- 3) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. If bundling is not possible, the cable shall be arranged in serpentine fashion (see 6.1.4).
- 4) EUT and all cables shall be insulated, if required, from the groundplane by up to 12 mm of insulating material (see 6.1.4 and 6.2.2).
- 5) EUT connected to one LISN. LISN can be placed on top of, or immediately beneath, the groundplane. 5.1) All other equipment powered from a second LISN or additional LISN(s) (see 5.2.3 and 7.2.1). 5.2) Multiple outlet strip can be used for multiple power cords of non-EUT equipment.

**Figure 10b—Test arrangement for conducted emissions floor-standing equipment**

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### 6.3. Measurement Equipment Used:

966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	R&S	FSP 40	100034	02/12/2011	02/11/2012
Bilog Antenna	SCHWAZBECK	VULB9160	3136	11/19/2010	11/18/2011
Horn antenna	SCHWAZBECK	BBHA 9120D	309/320	03/09/2010	03/08/2012
Pre-Amplifier	Agilent	8447D	1937A02834	11/28/2010	11/28/2011
Pre-Amplifier	Agilent	8449B	3008A01973	01/05/2011	01/04/2012
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	HD	MA240-N	240/657	N.C.R	N.C.R
Controller	HD	HD100	N/A	N.C.R	N.C.R
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-10M	10m	01/05/2011	01/04/2012
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	01/05/2011	01/04/2012
3m Site	SGS	966 chamber	N/A	11/08/2010	11/09/2011

### 6.4. Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

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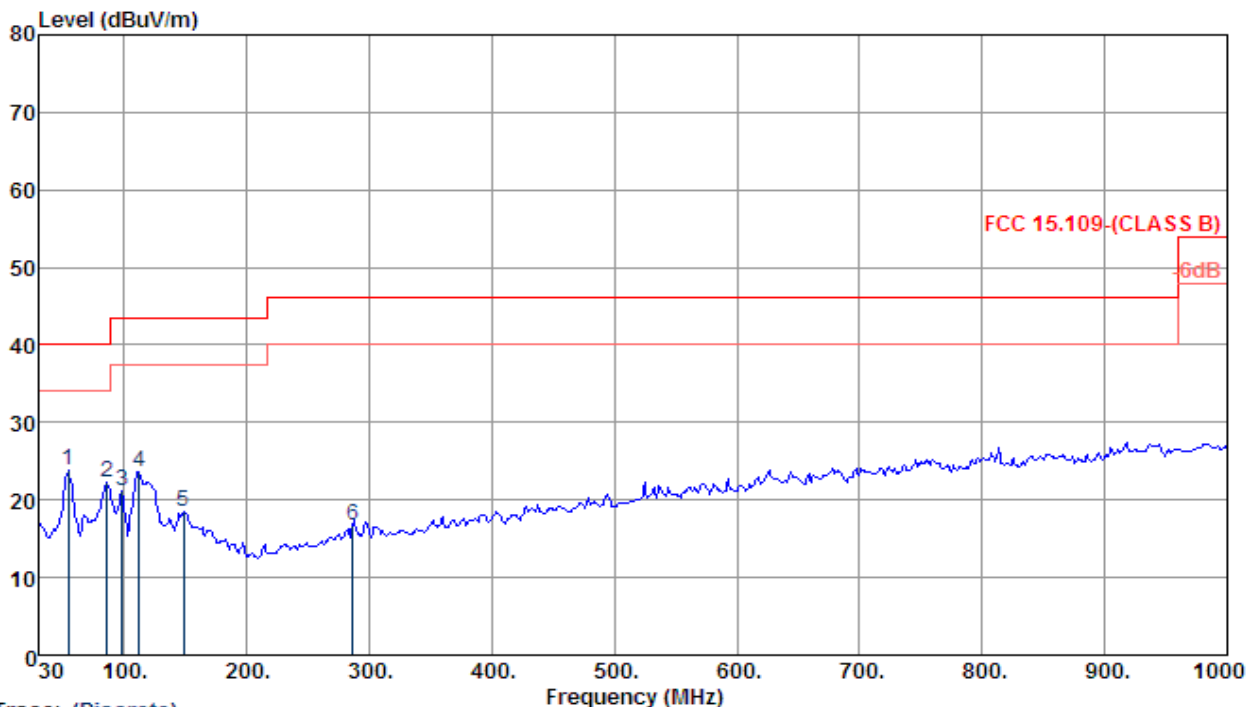
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### 6.5. Measurement Result (below 1G)

Test Mode: Config 1  
Frequency Range: 30MHz-1GHz

Test Date: Apr. 14, 2011  
Test By: Nick



Trace: (Discrete)  
 Site : 966 Chamber  
 Condition : FCC 15.109-(CLASS B) VULB9168(20M~2G) VERTICAL  
 Project No. : EI-2011-40003  
 Applicant : Option NV  
 EUT Description: Nyos LGA CDMA  
 EUT Model : MO6092  
 Test Mode : Operation mode  
 Temp./Humid. : 23/58  
 Operator : Jimmy

	Freq	ReadAntenna	Preamp	Cable	Limit	Over	Remark
	MHz	Level	Factor	Loss	Line	Limit	
		dBuV	dB/m	Factor	dB	dB	
				dB	dBuV/m	dBuV/m	
1	54.25	37.88	13.22	27.84	0.55	-14.07	23.81 40.00 -16.19 QP
2	86.26	39.89	9.38	27.65	0.72	-17.55	22.34 40.00 -17.66 QP
3	97.90	37.92	10.01	27.58	0.72	-16.85	21.07 43.52 -22.45 QP
4	112.45	38.76	11.50	27.54	0.83	-15.21	23.55 43.52 -19.97 QP
5	148.34	30.76	14.03	27.34	0.95	-12.36	18.40 43.52 -25.12 QP
6	286.08	29.49	12.50	26.74	1.43	-12.81	16.68 46.02 -29.34 QP

Remark:

- (1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.
- (2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHZ and 1GHz to 10GHz was 1MHz

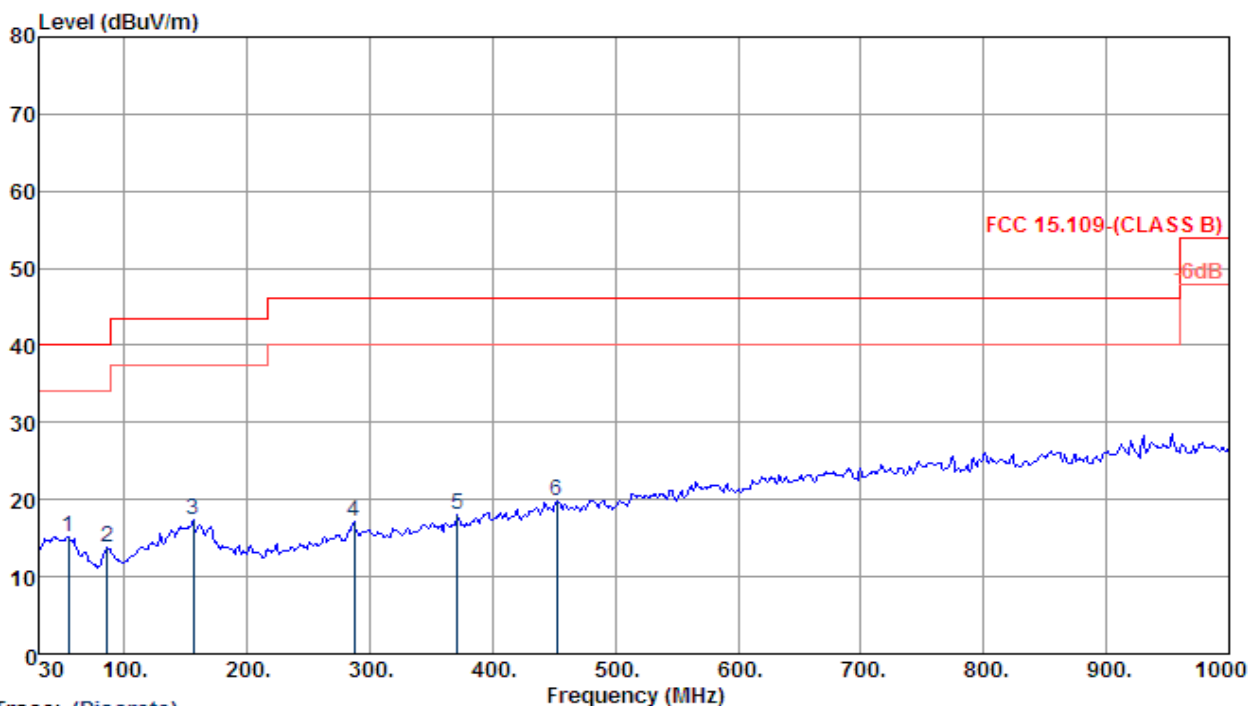
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Test Mode: Config 1  
Frequency Range: 30MHz-1GHz

Test Date: Apr. 14, 2011  
Test By: Nick



Trace: (Discrete)

Site : 966 Chamber  
Condition : FCC 15.109-(CLASS B) VULB9168(20M~2G) HORIZONTAL  
Project No. : EI-2011-40003  
Applicant : Option NV  
EUT Description: Nynos LGA CDMA  
EUT Model : M06092  
Test Mode : Operation mode  
Temp./Humid. : 23/58  
Operator : Jimmy

	Freq	Read	Antenna	Preamp	Cable	Factor	Level	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	54.25	29.24	13.22	27.84	0.55	-14.07	15.17	40.00	-24.83	QP
2	86.26	31.34	9.38	27.65	0.72	-17.55	13.79	40.00	-26.21	QP
3	156.10	29.39	14.15	27.26	1.10	-12.01	17.38	43.52	-26.14	QP
4	287.05	29.91	12.54	26.74	1.43	-12.77	17.14	46.02	-28.88	QP
5	371.44	29.23	14.24	27.19	1.74	-11.21	18.02	46.02	-28.00	QP
6	451.95	29.66	15.99	27.63	1.88	-9.76	19.90	46.02	-26.12	QP

Remark :

- (1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.
- (2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

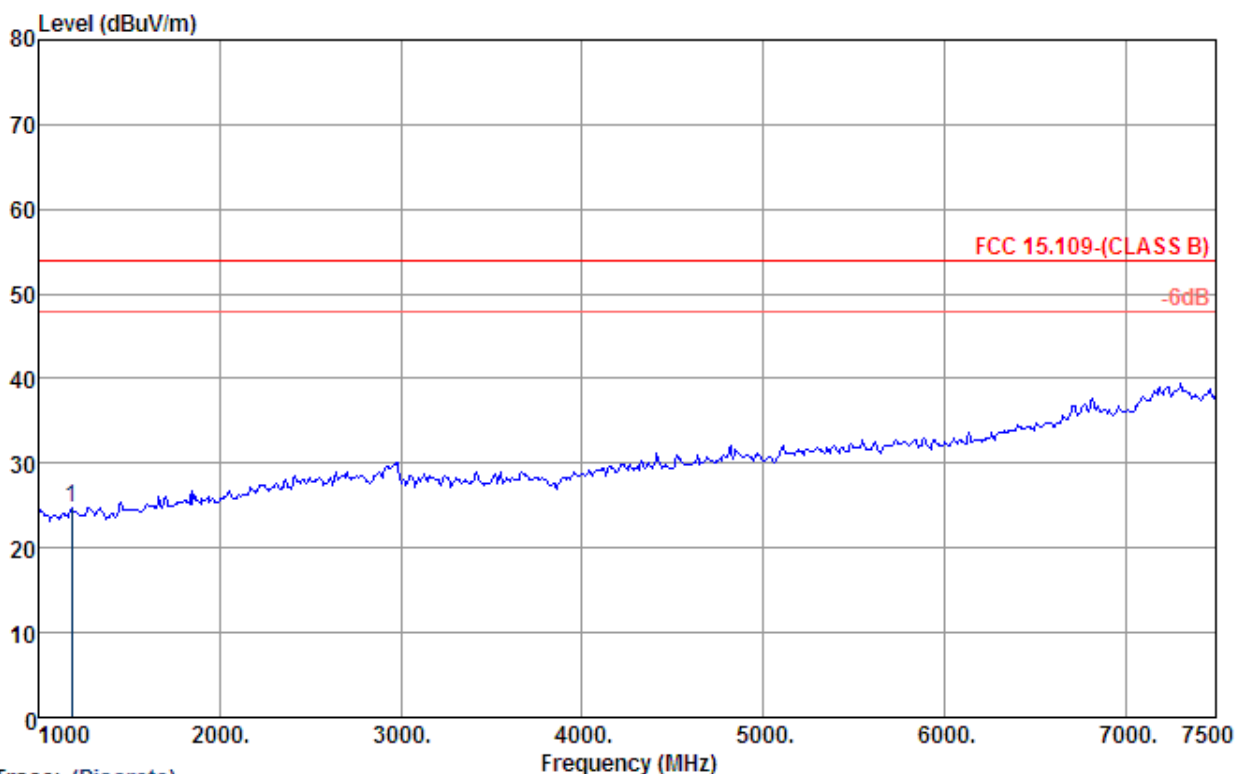
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Test Mode: Config 1  
Frequency Range: 1GHz – 7.5GHz

Test Date : Apr. 14, 2011  
Test By: Nick



Trace: (Discrete)  
Site : 966 Chamber  
Condition : FCC 15.109-(CLASS B) BBHA9120D VERTICAL  
Project No. : EI-2011-40003  
Applicant : Option NV  
EUT Description: Nynos LGA CDMA  
EUT Model : M06092  
Test Mode : Operation mode  
Temp./Humid. : 23/58  
Operator : Jimmy

	Read	Antenna	Preamp	Cable		Limit	Over	
Freq	Level	Factor	Factor	Loss	Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB
1 p 1182.00	30.20	24.50	33.22	3.26	-5.46	24.74	54.00	-29.26 Peak

Remark :

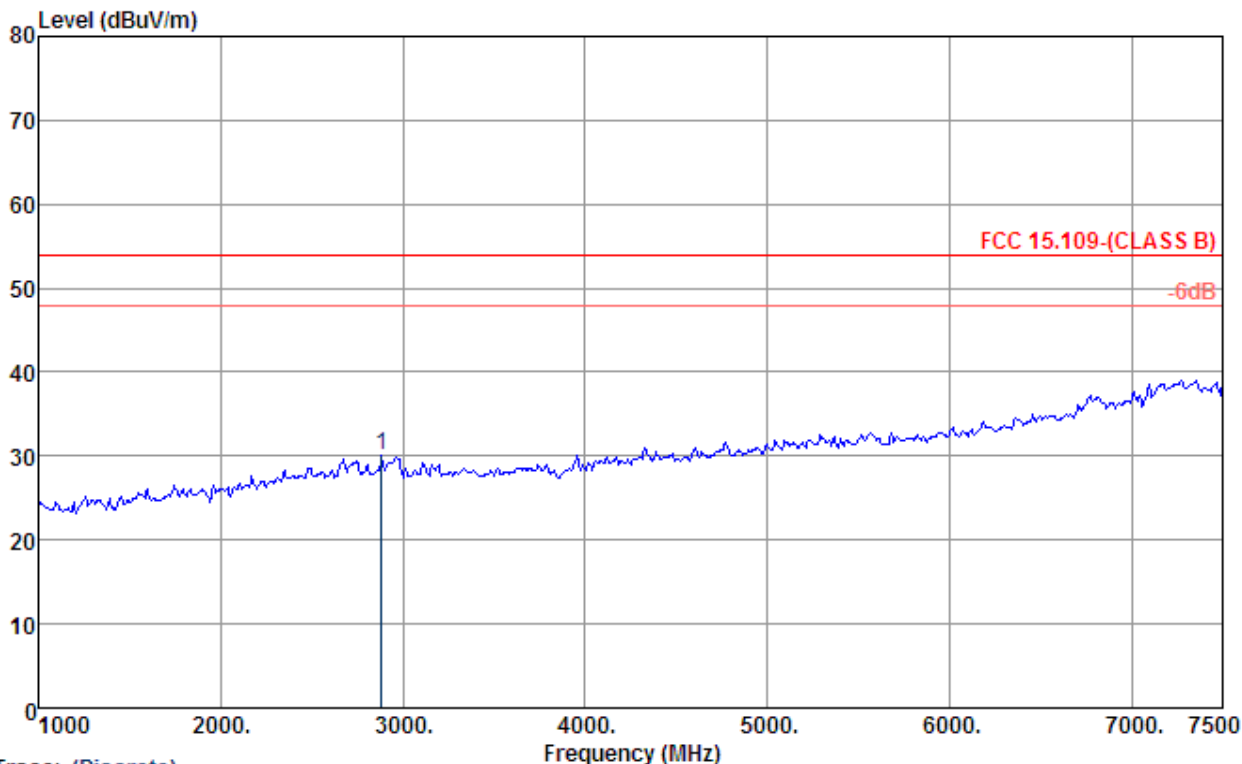
- (1) All Readings above 1GHz are Peak and Average measurement as necessary.
- (2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

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Test Mode: Config 1  
Frequency Range: 1GHz – 7.5GHz

Test Date: Apr. 14, 2011  
Test By: Nick



Trace: (Discrete)  
Site : 966 Chamber  
Condition : FCC 15.109-(CLASS B) BBHA9120D HORIZONTAL  
Project No. : EI-2011-40003  
Applicant : Option NV  
EUT Description: Nyos LGA CDMA  
EUT Model : MO6092  
Test Mode : Operation mode  
Temp./Humid. : 23/58  
Operator : Jimmy

Freq	Level	Antenna	Preamp	Cable	Loss	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB		
1 p 2885.00	29.71	28.09	32.84	5.16	0.41	30.12	54.00	-23.88	Peak	

Remark :

- (1) All Readings above 1GHz are Peak and Average measurement as necessary.
- (2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

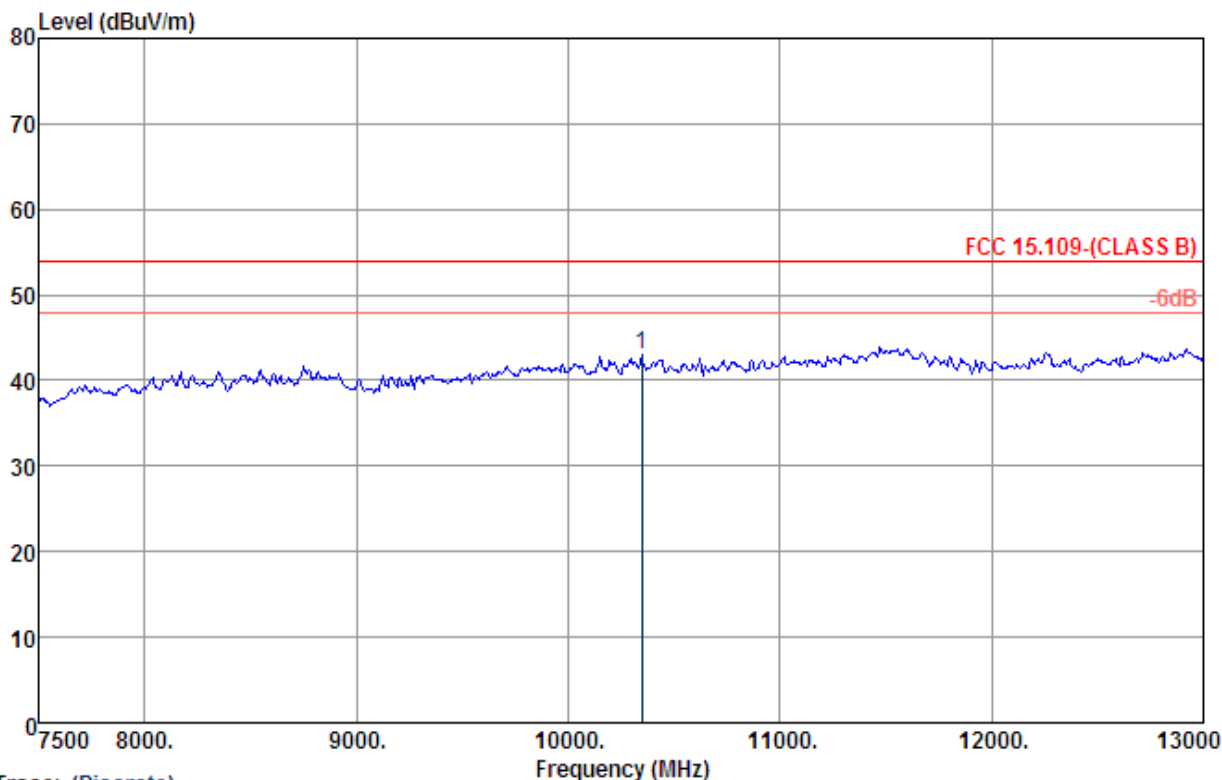
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Test Mode: Config 1  
Frequency Range: 7.5GHz – 13GHz

Test Date: Apr. 14, 2011  
Test By: Nick



Trace: (Discrete)

Site : 966 Chamber  
Condition : FCC 15.109-(CLASS B) BBHA9120D VERTICAL  
Project No. : EI-2011-40003  
Applicant : Option NV  
EUT Description: Nynos LGA CDMA  
EUT Model : M06092  
Test Mode : Operation mode  
Temp./Humid. : 23/58  
Operator : Jimmy

Read	Antenna	Preamp	Cable	Limit	Over				
Freq	Level	Factor	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p 10349.00	25.90	38.73	32.37	10.68	17.04	42.94	54.00	-11.06	Peak

Remark :

- (1) All Readings above 1GHz are Peak and Average measurement as necessary.
- (2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

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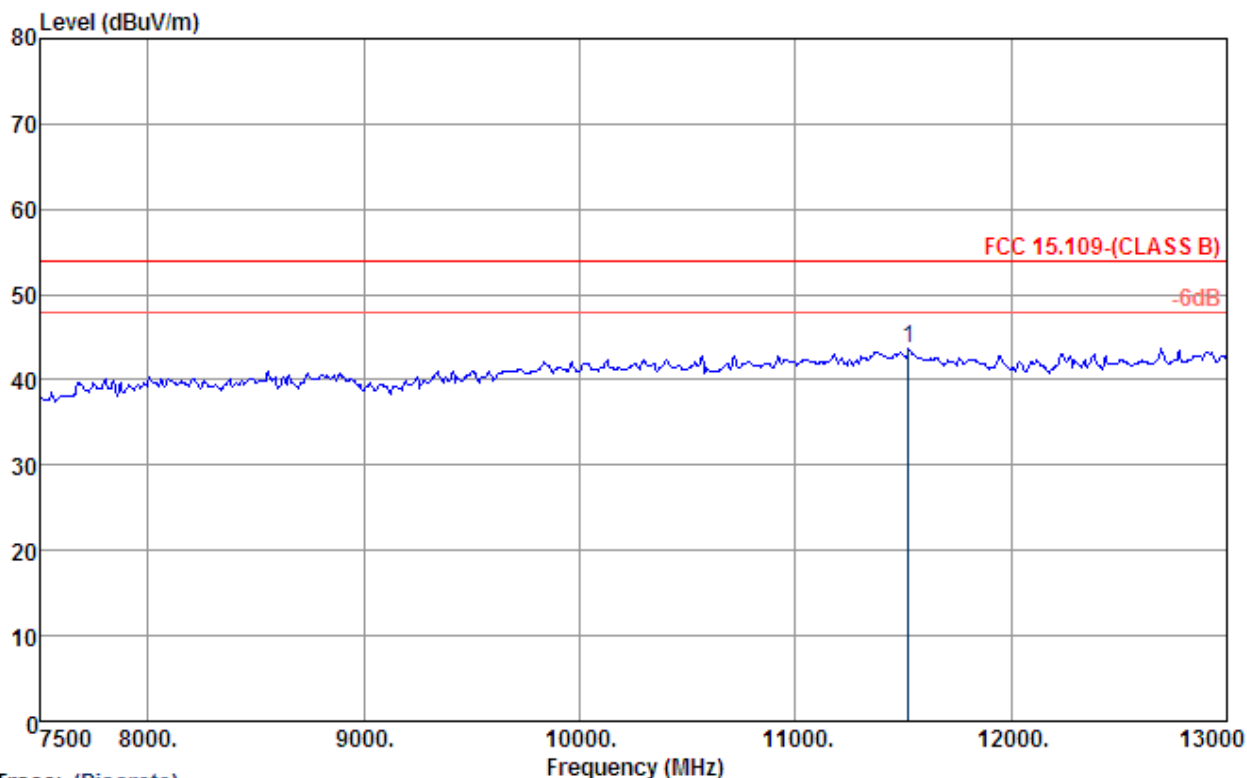
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Test Mode: Config 1  
Frequency Range: 7.5GHz – 13GHz

Test Date: Apr. 14, 2011  
Test By: Nick



Trace: (Discrete)

Site : 966 Chamber  
Condition : FCC 15.109-(CLASS B) BBHA9120D HORIZONTAL  
Project No. : EI-2011-40003  
Applicant : Option NV  
EUT Description: Nyos LGA CDMA  
EUT Model : MO6092  
Test Mode : Operation mode  
Temp./Humid. : 23/58  
Operator : Jimmy

Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Cable Factor	Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p 11526.00	24.93	39.19	31.77	11.36	18.78	43.71	54.00	-10.29	Peak

Remark :

- (1) All Readings above 1GHz are Peak and Average measurement as necessary.
- (2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

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