M. Flom Associates, Inc. - Global Compliance Center
3356 North San Marcos Place, Suite 107, Chandler, Arizona 85224-1571
www.goodnet.com/~mflom, (602) 926-3100, FAX: 926-3598

TOTAL PAGES:	3
DATE:	July 2nd, 1998
VIA FAX:	301 344 2050
TO:	FEDERAL COMMUNICATIONS COMMISSION
ATTENTION:	Joe Dichoso, Electronics Engineer
APPLICANT:	NOKIA MOBILE PHONES
EQUIPMENT:	FCC ID: LJPNSW-3ND. Confirmation EA89077
SUBJECT:	Your fax today

Joe:

Don't know what's happening at your end. I personally faxed the corrected pages and don't know why you did not receive it.

In any event, we are re-faxing the Amended Page 2 Form 731 together with Page 46.2.

Thanks for the prompt response.

Regards,

MORTON FLOM, P. Eng.

mf;mgf
enc.2

AMENDED PAGE 2 (July 01/98)

SECTION IV - *Enter FCC ID from Page 1, Section I* ▶ LJPNSW-3ND

1.(a) Instead of Applicant, FCC is authorized to mail original Grant to: *(See instructions)*

Firm name, number, street, City, State/Country, ZIP/Postal Code:
M. FLOM ASSOCIATES, INC.
3356 N. San Marcos Place, Suite 107
CHANDLER, ARIZONA, U.S.A.
85224-1571

(b) Name, Title and Mail Stop, if any, of person at above address to receive Grant: (If 1.(a) is completed, this item must be completed)
MORTON FLOM, P. Eng., President

2.(a) Technical contact:
Firm name, contact person, number, street, City, State/Country, ZIP/Postal Code:
M. FLOM ASSOCIATES, INC.
MORTON FLOM, President
3356 No. San Marcos Place, #107
CHANDLER, ARIZONA,U.S.A.
85224 1571

(b) Telephone No. (Area/Country/City code, No. and Ext.): 602 926 3100

(c) FAX No. (Area/Country/City code and No.): 602 926 3598

(d) Internet e-mail address: mflom@goodnet.com

(e) Non-Technical contact:
Firm name, contact person, number, street, City, State/Country, ZIP/Postal Code:
M.FLOM ASSOCIATES, INC.
MORTON FLOM, President
3356 No. San Marcos Place, #107
CHANDLER, ARIZONA, U.S.A.
85224 1571

(f) Telephone No. (Area/Country/City code, No. and Ext.): 602 926 3100

(g) FAX No. (Area/Country/City code and No.): 602 926 3598

(h) Internet e-mail address: mflom@goodnet.com

3. Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR §0.459 of the Commission's Rules? *If "Yes" see instructions.* ☑ Yes ☐ No

4. Does the applicant request that the Commission defer grant of this application pursuant to 47 CFR §0.457(d)(1)(ii)? *(See instructions)* ☐ Yes ☑ No

5. Type of equipment authorization requested: (check *one* box only) ☐ Certification ☑ Type Acceptance ☐ Notification

6.(a) Equipment Code and description: *(See instructions, page 4)*
T N E Non-Broadcast Transmitter (Ear)
PCE: Licensed Port.Tx (held to ear)

(b) Equipment will be operated under FCC Rule Part(s):
22, 24 (PCS) Dual Band. CONFIDENTIALITY

7. Application is for: (Check one box only)
☑ 1. Original equipment *(See instructions)*
☐ 2. Change in identification of presently authorized equipment
ORIGINAL FCC ID | Grant date
☐ 3. Class II permissive change or modification of presently authorized equipment *(See instructions)*

8. EQUIPMENT SPECIFICATIONS: *(See instructions)*

(a) Frequency range in MHz	(b) Rated RF power output in watts	(c) Frequency tolerance %, Hz, ppm	(d) Emission designator (See 47 CFR §2.201 and §2.202)	(e) Microprocessor model number
824.04-848.97	600mw,RATED 390 mw AMPS meas. 575 mw TDMA meas.	ERP ±2.5 ppm	40K0F8W AMPS 40K0F1D AMPS 30K0DXW TDMA	
1850.04-1909.92	600 mw ERP,rated 360 mw MEAS. EIRP TDMA	±2.5 ppm	256KG1D PCS	

9. Is the equipment in this application:

(a) a composite device subject to more than one type of equipment authorization? ☐ Yes ☑ No

(b) part of a system that operates with, or is marketed with, another device that requires an equipment authorization? ☐ Yes ☑ No

If either of the above questions is answered "Yes" complete items 10.(a) and (b). *(See instructions)*

OMPLETE, SIGN and DATE Page 3

PAGE NO.

46.2. AMENDMENT #3
RADIATED SPURIOUS EMISSIONS (TX5), HIGH POWER, PCS MODE
1997-NOV-18, 15:05, TUE

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m (EIRP)
FUNDAMENTAL:				
1879.980	1879.98			1.4×10^6
SPURIOUS:				
1879.980	3760.03	30.2	39.4	3027
1879.980	5640.02	22.7	43.2	1972
1879.980	7520.04	41.0	16.5	753
1879.980	9400.04	38.5	18.6	714
1879.980	11280.04	37.5	20.2	771
1879.980	13160.05	36.8	21.8	857
1879.980	15040.03	38.7	22.8	1186
1879.980	16920.05	37.8	24.9	1363

ALL OTHER SPURIOUS EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

$P_t = ((1.4 \times 3)^2/30)$
$= 0.360$ Watts

$= .588$

FEDERAL COMMUNICATIONS COMMISSION
Authorization and Evaluation Division, Applications Processing Branch
7435 Oakland Mills Road, Columbia, MD 21046
Telephone: (301) 725-1585, Facsimile: (301) 344-2050
June 30, 1998

FROM: Joe Dichoso **EXTENSION**: 214

TO: Morton Flom
ORGANIZATION: M. Flom & Associates

PHONE NUMBER: 602 926 3100 **FAX NUMBER**: 602 926 3598

This cover sheet is page 1 of '1' pages. Please direct inquiries to the sender at the above extension.

REFERENCE FCC ID: FCC ID: LJPNSW-3ND **DEVICE**: Phone
APPLICANT: Nokia Mobile Phones

The items indicated below or on the attachment must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106.

1) On June 26, 1998, the following was requested.

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You submitted new data pages 33.2 and 33.4. These field strength still do not agree with the amended 7.2 page submitted on June 24, 1998. Also, page 46.2 amended on June 26, 1998 lists the PCS field strength as 1.4 V/m and calculated the ERP from this as .360 Watts. Please remember that the output power in Part 24 must be in terms of EIRP. The equation to convert field strength to Output power in terms of EIRP is P= (E x d)squared/30. Correct and submit a new Form 731 accordingly.

2) The SAR report can only be verified once the output power is verified for both bands.

CC: Nokia

AMENDED PAGE 2 (July 01/98)

SECTION IV - Enter FCC ID from Page 1, Section I ▶ LJPNSW-3ND

1.(a) Instead of Applicant, FCC is authorized to mail original Grant to: *(See instructions)*

Firm name, number, street, City, State/Country, ZIP/Postal Code:
M. FLOM ASSOCIATES, INC.
3356 N. San Marcos Place, Suite 107
CHANDLER, ARIZONA, U.S.A.
85224-1571

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MORTON FLOM, P. Eng., President

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Firm name, contact person, number, street, City, State/Country, ZIP/Postal Code:
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MORTON FLOM, President
3356 No. San Marcos Place, #107
CHANDLER, ARIZONA, U.S.A.
85224 1571

(b) Telephone No. (Area/Country/City code, No. and Ext.): 602 926 3100

(c) FAX No. (Area/Country/City code and No.): 602 926 3598

(d) Internet e-mail address: mflom@goodnet.com

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Firm name, contact person, number, street, City, State/Country, ZIP/Postal Code:
M.FLOM ASSOCIATES, INC.
MORTON FLOM, President
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85224 1571

(f) Telephone No. (Area/Country/City code, No. and Ext.): 602 926 3100

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(h) Internet e-mail address: mflom@goodnet.com

3. Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR §0.459 of the Commission's Rules? *If "Yes" see instructions.* ☑ Yes ☐ No

4. Does the applicant request that the Commission defer grant of this application pursuant to 47 CFR §0.457(d)(1)(ii)? *(See instructions)* ☐ Yes ☑ No

5. Type of equipment authorization requested: (check *one* box only) ☐ Certification ☑ Type Acceptance ☐ Notification

6.(a) Equipment Code and description: *(See instructions, page 4)*
T N E Non-Broadcast Transmitter (Ear)
PCE: Licensed Port.Tx (held to ear)

(b) Equipment will be operated under FCC Rule Part(s):
22, 24 (PCS) Dual Band. CONFIDENTIALITY

7. Application is for: (Check one box only)
☑ 1. Original equipment *(See instructions)*
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ORIGINAL FCC ID | Grant date
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8. EQUIPMENT SPECIFICATIONS: *(See instructions)*

(a) Frequency range in MHz	(b) Rated RF power output in watts	(c) Frequency tolerance %, Hz, ppm	(d) Emission designator (See 47 CFR §2.201 and §2.202)	(e) Microprocessor model number
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9. Is the equipment in this application:

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If either of the above questions is answered "Yes" complete items 10.(a) and (b). *(See instructions)*

COMPLETE, SIGN and DATE Page 3

PAGE 7.2. AMENDMENT #2 LJPNSW-3ND

NAME OF TEST: R. F. POWER OUTPUT (RADIATED)

PARAGRAPH: 47 CFR 2.985 (a)

GUIDE: TIA/EIA STANDARD IS-19-B

TEST CONDITIONS: STANDARD TEMPERATURE & HUMIDITY

TEST EQUIPMENT: AS PER ATTACHED PAGE

MEASUREMENT PROCEDURE

1. The E.U.T. was placed on an open-field site and its radiated field strength at a known distance was measured by means of a spectrum analyzer. Equivalent loading was calculated from the equation $P_t=((E \times R)^2/49.2)$ watts, where R = 3m.
2. Measurement accuracy is ±1.5 dB.

MEASUREMENT RESULTS

NOMINAL, MHz	CHANNEL	R.F. POWER OUTPUT, WATTS (ERP) Lo	Hi
AMPS MODE:			
824.040	991	0.0041	0.390
836.400	380	0.0041	0.390
848.970	799	0.0041	0.390
TDMA MODE:			
825.290		0.0104	0.575
836.400		0.0104	0.575
847.720		0.0104	0.575

SUPERVISED BY:

MORTON FLOM, P. Eng.

FEDERAL COMMUNICATIONS COMMISSION

Authorization and Evaluation Division, Applications Processing Branch
7435 Oakland Mills Road, Columbia, MD 21046
Telephone: (301) 725-1585, Facsimile: (301) 344-2050

June 30, 1998

FROM: Joe Dichoso **EXTENSION**: 214

TO: Morton Flom
ORGANIZATION: M. Flom & Associates

PHONE NUMBER: 602 926 3100 **FAX NUMBER**: 602 926 3598

This cover sheet is page 1 of '1' pages. Please direct inquiries to the sender at the above extension.

REFERENCE FCC ID: FCC ID: LJPNSW-3ND **DEVICE**: Phone
APPLICANT: Nokia Mobile Phones

The items indicated below or on the attachment must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106.

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2) The SAR report can only be verified once the output power is verified for both bands.

CC: Nokia

FEDERAL COMMUNICATIONS COMMISSION

Authorization and Evaluation Division, Applications Processing Branch
7435 Oakland Mills Road, Columbia, MD 21046
Telephone: (301) 725-1585, Facsimile: (301) 344-2050

June 30, 1998

FROM: Joe Dichoso **EXTENSION**: 214

TO: Timo Mukari
ORGANIZATION: Nokia Mobile Phones

PHONE NUMBER: **FAX NUMBER**: 358105057222

This cover sheet is page 1 of '1' pages. Please direct inquiries to the sender at the above extension.

REFERENCE FCC ID: FCC ID: LJPNSW-3ND **DEVICE**: Phone
APPLICANT: Nokia Mobile Phones

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filing fee pursuant to section 1.1105.

1) On June 26, 1998, the following was requested.

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* * * TRANSMISSION RESULT REPORT (JUN.30.1998 3:47PM) * * *

TTI CONG MAIL/OLIA FCC

DATE	TIME	ADDRESS	MODE	TIME	PAGE	RESULT	PERS. NAME	FILE
JUN.30.	3:46PM	602 926 3598	TES	0'43"	P. 1	OK		953

# : BATCH	C : CONFIDENTIAL	$: TRANSFER	P : POLLING
M : MEMORY	L : SEND LATER	@ : FORWARDING	E : ECM
S : STANDARD	D : DETAIL	F : FINE	> : REDUCTION

PAGE NO. 33.2. AMENDMENT #2
RADIATED SPURIOUS EMISSIONS (TX1), HIGH POWER, AMPS
1997-NOV-17, 11:13, MON

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m (ERP)
FUNDAMENTAL:				
836.400	836.40			1.46×10^6
SPURIOUS:				
836.400	1672.70	24.5	33.1	757
836.400	2509.19	25.3	34.9	1022
836.400	3345.59	25.5	38.1	1508
836.400	4181.99	18.3	39.9	810
836.400	5018.40	9.4	41.6	358
836.400	5854.80	8.5	43.6	404
836.400	6691.22	35.3	14.6	312
836.400	7527.64	25.0	16.6	120
836.400	8363.98	32.0	17.5	299

ALL OTHER EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

$$P_t = ((E \times 3)^2/49.2) \text{ Watts}$$
$$= ((1.46 \times 3)^2/49.2)$$
$$= 0.390 \text{ Watts (Amps)}$$

PAGE NO. 33.4. AMENDED
RADIATED SPURIOUS EMISSIONS (TX3), HIGH POWER, TDMA MODE
1997-NOV-18, 08:39, TUE

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m
FUNDAMENTAL:				
836.400	836.40			1.77×10^6
SPURIOUS:				
836.400	1672.70	27.5	33.1	1074
836.400	2509.22	19.9	34.9	546
836.400	3345.60	12.0	38.1	318
836.400	4182.01	10.2	39.9	320
836.400	5018.43	10.9	41.6	422
836.400	5854.81	10.3	43.6	494
836.400	6691.23	40.7	14.6	577
836.400	7527.65	40.3	16.6	698
836.400	8364.05	41.2	17.5	859

ALL OTHER EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

$$P_t = ((1.77 \times 3)^2/49.2)$$
$$= 0.575 \text{ Watts (TDMA, Amps)}$$

PAGE NO. 46.2. AMENDMENT #2
RADIATED SPURIOUS EMISSIONS (TX5), HIGH POWER, PCS MODE
1997-NOV-18, 15:05, TUE

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m (EIRP)
FUNDAMENTAL:				
1879.980	1879.98			1.4×10^6
SPURIOUS:				
1879.980	3760.03	30.2	39.4	3027
1879.980	5640.02	22.7	43.2	1972
1879.980	7520.04	41.0	16.5	753
1879.980	9400.04	38.5	18.6	714
1879.980	11280.04	37.5	20.2	771
1879.980	13160.05	36.8	21.8	857
1879.980	15040.03	38.7	22.8	1186
1879.980	16920.05	37.8	24.9	1363

ALL OTHER SPURIOUS EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

$$P_t = ((1.4 \times 3)^2/49.2)$$
$$= 0.360 \text{ Watts}$$

To: Jaako Hulkko (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: June 26, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Jaako Hulkko

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

1) The values given for measured power on the Form 731 do not agree with the value determined from the field strength measurements. See radiated test data on pages 33.2, 33.4, 46.2, 7.2 as amended and compare to the Form 731. Again, for corrections make sure that the Output power on the Form 731 is expressed in Terms of ERP for Part 22 and express the output power in terms of EIRP for Part 24.

2) The SAR report can only be verified once the output power is verified for both bands.

3) Page 21 lists the occupied bandwidth for TDMA operation as 31 kHz but this value is not shown on FCC Form 731. Please explain/correct.

4) Since the SAR data can not be held confidential. Please verify that you are not requesting SAR data on pages 9 and 10 with the 10 pages of SAR plots in Appendix 10 of the SAR report are NOT confidential.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at https://dettifoss.fcc.gov/beta/oet/index.html

Replies to this letter MUST contain the Reference Number: 1523

To: Morton Flom (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: June 26, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Morton Flom

Subject: FCC ID: LJPNSW-3ND

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Replies to this letter MUST contain the Reference Number: 1522

M. Flom Associates, Inc. - Global Compliance Center
3356 North San Marcos Place, Suite 107, Chandler, Arizona 85224-1571
www.goodnet.com/~mflom, (602) 926-3100, FAX: 926-3598

Facsimile Cover Sheet

TOTAL PAGES:	6
DATE:	May 26, 1998
VIA FAX:	301 344 2050
TO:	FEDERAL COMMUNICATIONS COMMISSION
ATTENTION:	Joe Dichoso, Electronics Engineer
EQUIPMENT:	FCC ID: LJPNSW-3ND
REFERENCE:	Correspondance ID: 538. Confirmation EA89077
SUBJECT:	NOKIA MOBILE PHONES

Hi Joe: This will acknowledge receipt of your e-mail, copy attached.

In reply, please find: 731

1. Revised Page 2 as per your request
2. Amended pages 7.2, 33.2 and 46.2 corrected for typo errors. 734

We trust the attached now meets the requirements of the Commission and that the Grant will be forthcoming.

Personal regards,

MORTON FLOM, P. Eng.

mf;mgf
encs.

AMENDED PAGE 2

SECTION IV - Enter FCC ID from Page 1, Section I ▶ LJPNSW-3ND

1.(a) Instead of Applicant, FCC is authorized to mail original Grant to: *(See instructions)*

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3356 N. San Marcos Place, Suite 107
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☑ 1. Original equipment *(See instructions)*

☐ 2. Change in identification of presently authorized equipment
ORIGINAL FCC ID | Grant date

☐ 3. Class II permissive change or modification of presently authorized equipment *(See instructions)*

8. EQUIPMENT SPECIFICATIONS: *(See instructions)*

(a) Frequency range in MHz	(b) Rated RF power output in watts	(c) Frequency tolerance %, Hz, ppm	(d) Emission designator (See 47 CFR §2.201 and §2.202)	(e) Microprocessor model number
824.04-848.97	600mw,RATED	±2.5 ppm	40K0F8W AMPS	
	390 mw AMPS meas.		40K0F1D AMPS	
	575 mw TDMA meas.		40K0DXW TDMA	
1850.04-1909.92	600 mw ERP,rated	±2.5 ppm	256K1D PCS	
	360 mw MEAS. EIRP √			

9. Is the equipment in this application:

(a) a composite device subject to more than one type of equipment authorization? ☐ Yes ☑ No

(b) part of a system that operates with, or is marketed with, another device that requires an equipment authorization? ☐ Yes ☑ No

If either of the above questions is answered "Yes" complete items 10.(a) and (b). *(See instructions)*

COMPLETE, SIGN and DATE Page 3

PAGE NO. 33.2.AMENDED
RADIATED SPURIOUS EMISSIONS (TX1), HIGH POWER, AMPS
1997-NOV-17, 11:13, MON

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m (ERP)
FUNDAMENTAL:				
836.400	836.40			1.1×10^6
SPURIOUS:				
836.400	1672.70	24.5	33.1	757
836.400	2509.19	25.3	34.9	1022
836.400	3345.59	25.5	38.1	1508
836.400	4181.99	18.3	39.9	810
836.400	5018.40	9.4	41.6	358
836.400	5854.80	8.5	43.6	404
836.400	6691.22	35.3	14.6	312
836.400	7527.64	25.0	16.6	120
836.400	8363.98	32.0	17.5	299

ALL OTHER EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

PAGE NO. 46.2. AMENDED
RADIATED SPURIOUS EMISSIONS (TX5), HIGH POWER, PCS MODE
1997-NOV-18, 15:05, TUE

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m (ERP)
FUNDAMENTAL:				
1879.980	1879.98			1.7×10^6
SPURIOUS:				
1879.980	3760.03	30.2	39.4	3027
1879.980	5640.02	22.7	43.2	1972
1879.980	7520.04	41.0	16.5	753
1879.980	9400.04	38.5	18.6	714
1879.980	11280.04	37.5	20.2	771
1879.980	13160.05	36.8	21.8	857
1879.980	15040.03	38.7	22.8	1186
1879.980	16920.05	37.8	24.9	1363

ALL OTHER SPURIOUS EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

LJPNSW-3ND

PAGE 7.2. AMENDED.

NAME OF TEST: R. F. POWER OUTPUT (RADIATED)

PARAGRAPH: 47 CFR 2.985 (a)

GUIDE: TIA/EIA STANDARD IS-19-B

TEST CONDITIONS: STANDARD TEMPERATURE & HUMIDITY

TEST EQUIPMENT: AS PER ATTACHED PAGE

MEASUREMENT PROCEDURE

1. The E.U.T. was placed on an open-field site and its radiated field strength at a known distance was measured by means of a spectrum analyzer. Equivalent loading was calculated from the equation $P_t=((E \times R)^2/49.2)$ watts, where R = 3m.
2. Measurement accuracy is ±1.5 dB.

MEASUREMENT RESULTS

NOMINAL, MHz	CHANNEL	R.F. POWER OUTPUT, WATTS (ERP) Lo	Hi
AMPS MODE:			
824.040	991	0.0041	0.360
836.400	380	0.0041	0.360
848.970	799	0.0041	0.360
TDMA MODE:			
825.290		0.0104	0.360
836.400		0.0104	0.360
847.720		0.0104	0.360

SUPERVISED BY:

MORTON FLOM, P. Eng.

M. Flom Associates, Inc. - Global Compliance Center
3356 North San Marcos Place, Suite 107, Chandler, Arizona 85224-1571
www.goodnet.com/~mflom, (602) 926-3100, FAX: 926-3598

TOTAL PAGES:	2
DATE:	June 24, 1998
VIA FAX:	301 344 2050
TO:	FEDERAL COMMUNICATIONS COMMISSION
ATTENTION:	Joe Dichoso, Electronics Engineer
EQUIPMENT:	FCC ID: LJPNSC-3NX Certificate Granted Mar.23/98
REFERENCE:	FCC ID: LJPNSW-3ND Confirmation #EA89077
SUBJECT:	Your e-mail June 18,1346 & June 18, 1348 (You reference 1346 and 1347 - no 1347 received)

Hi Joe! Your e-mail #1348 explaining that LJONSW-3AF was incorrect and should be LJPNSW-3ND is noted. (Was there a Correspondence ID 1347?)

In reply to your Correspondance ID. 1346:

1. Attached please find copy of Amended Page 7.2. which was sent but apparently not received. It is being re-sent.

Page 33.4 (High Power, TDMA Mode) does not need to be amended.

2. Though the Applicant advised us that LJPNSC-3NX and LJPNSW-3ND (corrected from LJONSW-3AF) were identical, it is MFA's policy to check all samples on hand (in addition to the Applicant's statement). You will therefore find that there is a commonality between these two cellphones, except for:

(a) P. 7.2 Power Outputs test results are different for each of amps and TDMA.

(b) P. 33.2 and 33.4: Transmitter radiated emissions are different for each of the two modes.

(c) Both cellphones operate in either of the same two modes and in the 824-849 MHz band.

(d) All other parameters tested were very nearly the same and were taken from the LJPNSW-3NX.

As three months has passed since this application was submitted, the Applicant would very much appreciate a successful conclusion.

Personal regards,

mf;mgf
enc.

MORTON FLOM, P. Eng.

To: Morton Flom (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: May 19, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Morton Flom

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

Before review commences please clarify what you are requesting for on the FORM 731. For each emission designator requested, please indicate the frequency band and the output power expressed in the proper terms. Part 22 power output is expressed in ERP and Part 24 power output is expressed in EIRP. Please make sure that these requested values are consistent with the measured values. For each power output list whether it is ERP or EIRP. For example.... .600 mW ERP....

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Replies to this letter MUST contain the Reference Number: 538

To: Jaako Hulkko (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: May 19, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Jaako Hulkko

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

Before review commences please clarify what you are requesting for on the FORM 731. For each emission designator requested, please indicate the frequency band and the output power expressed in the proper terms. Part 22 power output is expressed in ERP and Part 24 power output is expressed in EIRP. Please make sure that these requested values are consistent with the measured values. For each power output list whether it is ERP or EIRP. For example.... .600 mW ERP....

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Replies to this letter MUST contain the Reference Number: 539

To: Morton Flom (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: June 18, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Morton Flom

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

With respect to your fax on May 26, 1998 you stated that you amended pages 7.2, 33.2, and 46.2. You did not submit page 7.2. Also, shouldn't page 33.4 be amended? LJPNSW-3ND LJPNSC-3NX

In addition, the part 22 test data for the above application is identical to the test data for FCC ID: LJPNSC-3NX and FCC ID: LJONSW3AF. What is the FCC identifier for the device that this part 22 test data was copied from? The above device is NOT identical to FCC ID: LJPNSC-3NX and FCC ID: LJONSW3AF. The above device is a dual band device while the others are not. Therefore, the copy of part 22 test data submitted for FCC ID:LJPNSC-3NX and FCC ID: LJONSW3AF will not be accepted for this device. Therefore, submit complete part 22 test data for the above device.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at https://dettifoss.fcc.gov/beta/oet/index.html

Replies to this letter MUST contain the Reference Number: 1346

To: Jaako Hulkko (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: June 18, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Jaako Hulkko

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

With respect to your fax on May 26, 1998 you stated that you amended pages 7.2, 33.2, and 46.2. You did not submit page 7.2. Also, shouldn't page 33.4 be amended?

In addition, the part 22 test data for the above application is identical to the test data for FCC ID: LJPNSC-3NX and FCC ID: LJONSW3AF. What is the FCC identifier for the device that this part 22 test data was copied from? The above device is NOT identical to FCC ID: LJPNSC-3NX and FCC ID: LJONSW3AF. The above device is a dual band device while the others are not. Therefore, the copy of part 22 test data submitted for FCC ID:LJPNSC-3NX and FCC ID: LJONSW3AF will not be accepted for this device. Therefore, submit complete part 22 test data for the above device.

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Replies to this letter MUST contain the Reference Number: 1347

To: Jaako Hulkko (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: June 18, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Jaako Hulkko

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

The previous e-mails with reference numbers 1346 and 1347 referenced an incorrect FCC identifier. The FCC identifier LJONSW3AF should be replaced with LJPNSW-3ND in the body of the text.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at https://dettifoss.fcc.gov/beta/oet/index.html

Replies to this letter MUST contain the Reference Number: 1349

To: Morton Flom (Nokia Mobile Phones)
From: Joe Dichoso FCC Application Processing Branch
Date: June 18, 1998
FCC ID: LJPNSW-3ND

Applicant Name: Morton Flom

Subject: FCC ID: LJPNSW-3ND

The items indicated below must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106

The previous e-mails with reference numbers 1346 and 1347 referenced an incorrect FCC identifier. The FCC identifier LJONSW3AF should be replaced with LJPNSW-3ND in the body of the text.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at https://dettifoss.fcc.gov/beta/oet/index.html

Replies to this letter MUST contain the Reference Number: 1348

M. Flom Associates, Inc. - Global Compliance Center
3356 North San Marcos Place, Suite 107, Chandler, Arizona 85224-1571
www.goodnet.com/~mflom, (602) 926-3100, FAX: 926-3598

TOTAL PAGES:	2
DATE:	August 12, 1998
VIA FAX:	301 344 2050
TO:	FEDERAL COMUUNICATIONS COMMISSION
ATTENTION:	Joe Dichoso, Electronics Engineer
APPLICANT:	NOKIA MOBILE PHONES
EQUIPMENT:	FCC ID: LJPNSW-3ND CONFIRMATION #EA89077
SUBJECT:	As listed

Joe:

Thank you for your phone call this morning.

Attached, please find the amendment to page 46.2. (#5)

Hopefully this now meets the requirements of the Commission.

Sincerely,

WALTER H. SCHUKNECHT III, Operations Manager

WHS/cvr

PAGE NO. 46.2. AMENDMENT #5
RADIATED SPURIOUS EMISSIONS (TX5), HIGH POWER, PCS MODE
1997-NOV-18, 15:05, TUE

TUNED, MHz	EMISSION, MHz	METER, dBuV	C.F., dB	µV/m @ 3m (EIRP)
FUNDAMENTAL:				
1879.980	1879.98			1.4×10^6
SPURIOUS:				
1879.980	3760.03	30.2	39.4	3027
1879.980	5640.02	22.7	43.2	1972
1879.980	7520.04	41.0	16.5	753
1879.980	9400.04	38.5	18.6	714
1879.980	11280.04	37.5	20.2	771
1879.980	13160.05	36.8	21.8	857
1879.980	15040.03	38.7	22.8	1186
1879.980	16920.05	37.8	24.9	1363

ALL OTHER SPURIOUS EMISSIONS WERE 20 dB OR MORE BELOW THE LIMIT

$$P_t = ((1.4 \times 3)^2/30)$$
$$= 0.588 \text{ Watts}$$

M. Flom Associates, Inc. - Global Compliance Center
3356 North San Marcos Place, Suite 107, Chandler, Arizona 85224-1571
www.goodnet.com/~mflom, (602) 926-3100, FAX: 926-3598

TOTAL PAGES:	3
DATE:	August 11, 1998
VIA FAX:	301 344 2050
TO:	FEDERAL COMMUNICATIONS COMMISSION
ATTENTION:	Joe Dichoso, Electronics Engineer
APPLICANT:	NOKIA MOBILE PHONES
EQUIPMENT:	FCC ID: LJPNSW-3ND CONFIRMATION #EA89077
SUBJECT:	As listed

Joe:

Thank you for your phone call this morning.

Attached, please find the following amendments:

Page 2 of FORM 731 para. 8(b)

Page 46.2. with data supporting the change

Hopefully this will now meet the requirements of the Commission.

Best regards,

WALTER H. SCHUKNECHT ,Operations Manager

WHS/cvr

cc: NOKIA MOBILE PHONES 011 358 10505 7222
ATTENTION: Olli Kautio, Engineering Manager, R&D