

ANNEX A

MEASURING RESULTS FOR ELECTROMAGNETIC EMISSION

For samples under test, named S/01, S/02 and S/03, and that were formed by the elements described in the clause “Identification of the tested item/items” of this test report.

ANNEX A CONTENTS:

1. - CONTINUOUS CONDUCTED EMISSION, POWER LEADS ON SAMPLES S/01 AND S/02.....	2
2. - RADIATED EMISSION, ELECTROMAGNETIC FIELD ON SAMPLE S/01, S/02 AND S/03.....	3
3. - GRAPH RESULTS	4
4. - EQUIPMENT UNDER TEST PICTURES.....	39

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1. - CONTINUOUS CONDUCTED EMISSION, POWER LEADS ON SAMPLES S/01 AND S/02

LIMITS OF INTERFERENCE

The applied limit for continuous conducted emissions in power leads, according with the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B (2003/07/22 Ed.) in the frequency range 0,15 to 30 MHz, for Class B equipment was:

Frequency range (MHz)	Limit (dBmV)	
	Quasi-peak	Average
0,15 to 0,5	66-56	56-46
0,5 to 5	56	46
5 to 30	60	50

TEST METHOD

According to Part 15, Subpart B of FCC Rules (2003/07/22 Ed.)

OPERATING MODES OF EUT

Different tested operating modes (OM)

- OM#01: EUT ON. Stand by. Idle mode. Powered at 230 Vac
- OM#04: EUT ON. Transmission mode. Powered at 230 Vac.

TEST RESULTS

CCmmnnxx: CC, Conduction condition^o; mm: sample number; nn: operation mode; xx: wire.

- OM#01.

CDmmnnxx	Description	Result
CC01010N	Interference voltage on neutral wire	PASS
CC0101L1	Interference voltage on phase wire	PASS

- OM#04.

CDmmnnxx	Description	Result
CC01040N	Interference voltage on neutral wire	PASS
CC0104L1	Interference voltage on phase wire	PASS

2. - RADIATED EMISSION, ELECTROMAGNETIC FIELD ON SAMPLE S/01, S/02 AND S/03

LIMITS OF INTERFERENCE

The applied limit for radiated emissions, 3 m distance below 1 GHz and 1 m above 1 GHz, according with the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B (2003/07/22 Ed.) in the frequency range 30 MHz to 2 GHz, for Class B equipment, which is a transmitter in a band below 500 MHz, was:

Frequency range (MHz)	Limit for 3 m (mV/m)	Limit for 3 m (dBm V/m)
30 to 88	100	40
88 to 216	150	43,52
216 to 960	200	46,02
Above 960	500	53,98

TEST METHOD

According to Part 15, Subpart B of FCC Rules (2003/07/22 Ed.)

OPERATING MODES OF EUT

Different tested operating modes (OM)

- OM#01: EUT ON. Stand by. Idle mode. Powered at 230 Vac
- OM#02: EUT ON. Stand by. Idle mode. Powered at 12 Vdc
- OM#03: EUT ON. Stand by. Idle mode. Powered at 24 Vdc

TEST RESULTS

CRmmnn: CR, Radiated Condition; mm: sample number; nn: operation mode.

- OM#01.

CRmmnn	Description	Result
CR0101	[30 MHz - 1000 MHz]	PASS
CR0101	[1 GHz - 2 GHz] PH	PASS
CR0101	[1 GHz - 2 GHz] PV	PASS
CR0201	[30 MHz - 1000 MHz]	PASS
CR0201	[1 GHz - 2 GHz] PH	PASS
CR0201	[1 GHz - 2 GHz] PV	PASS

- OM#02.

CRmmnn	Description	Result
CR0302	[30 MHz – 1000 MHz]	PASS
CR0302	[1 GHz – 2 GHz] PH	PASS
CR0302	[1 GHz – 2 GHz] PV	PASS

- OM#03.

CRmmnn	Description	Result
CR0303	[30 MHz – 1000 MHz]	PASS
CR0303	[1 GHz – 2 GHz] PH	PASS
CR0303	[1 GHz – 2 GHz] PV	PASS

3. - GRAPH RESULTS

See next pages.

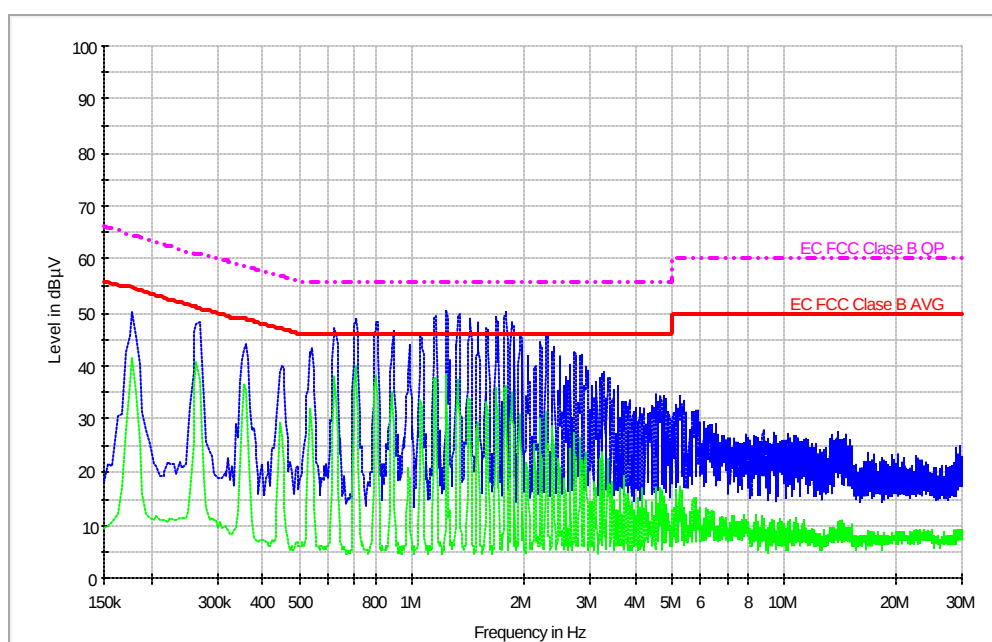
Continuous conducted emission: CC01010N (Peak)

EMC32 Report

Test Information

Proyecto: 21007iem.001
 Empresa: NOKIA
 Muestra: M/01
 Modo operacion: MO#01
 Fecha: 2004-09-24 19:10
 Setup: EMI conducted
 Description: GOLDEN EYE + ACP -12. Medida en neutro.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)	Comment
0.178000	50.0	41.3	
0.270000	48.2	37.3	
0.358000	44.3	35.5	
0.446000	39.8	27.0	
0.538000	43.4	28.1	
0.622000	46.9	38.0	
0.714000	48.8	36.6	
0.806000	48.1	33.3	
0.894000	46.8	29.1	
0.982000	44.1	18.7	
1.062000	45.6	33.5	
1.154000	49.6	37.8	
1.250000	50.6	34.1	
1.342000	49.9	30.2	

1.426000	48.8	32.4	
1.518000	48.1	26.6	
1.594000	46.9	33.1	
1.686000	49.3	35.6	
1.738000	33.2	8.5	
1.778000	50.0	33.4	
1.834000	34.3	8.0	
1.870000	47.9	30.4	
1.898000	44.9	14.5	
1.966000	45.6	26.6	
1.986000	43.8	12.4	
2.054000	41.8	18.8	
2.134000	40.0	20.0	
2.222000	44.6	25.9	
2.326000	45.5	24.9	
2.414000	43.9	24.0	
2.498000	41.7	20.8	
2.562000	36.1	18.8	
2.590000	38.3	11.7	
2.654000	40.4	24.4	
2.718000	29.9	6.7	
2.754000	42.5	23.6	
2.866000	42.1	18.6	
2.950000	39.9	18.2	
3.046000	36.1	12.0	
3.126000	36.8	11.3	
3.186000	37.6	22.7	
3.286000	38.9	19.3	
3.338000	34.0	10.9	
3.386000	37.9	15.6	
3.490000	35.4	14.8	
3.578000	36.1	12.8	
3.662000	33.4	12.1	
3.714000	33.4	16.5	
3.818000	33.5	13.7	
3.906000	31.5	12.1	
4.022000	32.2	11.7	
4.054000	27.2	7.4	
4.114000	32.2	11.7	
4.202000	32.0	12.4	
4.290000	30.6	12.4	
4.354000	30.9	10.5	
4.434000	32.6	12.1	
4.530000	34.5	13.4	
4.646000	34.2	13.1	
4.738000	34.2	13.4	
4.826000	34.0	13.4	
4.914000	31.1	12.1	
5.006000	28.6	9.6	
5.042000	31.2	12.8	
5.146000	32.9	14.3	
5.242000	34.2	13.1	
5.366000	33.5	12.8	
5.454000	31.0	12.1	
5.602000	28.3	8.6	
5.658000	31.2	12.8	
5.810000	31.9	11.7	
5.898000	31.9	12.8	
6.086000	29.2	10.5	
6.310000	29.1	9.6	
6.610000	27.2	10.1	
7.322000	26.4	10.1	

7.874000	27.2	10.9	
8.394000	26.8	9.6	
8.806000	27.9	9.1	
9.346000	27.6	8.0	
9.918000	26.2	9.1	
10.230000	27.3	8.0	
10.626000	27.0	9.1	
10.754000	27.0	8.6	
11.434000	26.6	8.6	
13.430000	27.2	8.6	
13.950000	27.5	10.1	
29.566000	24.7	8.2	

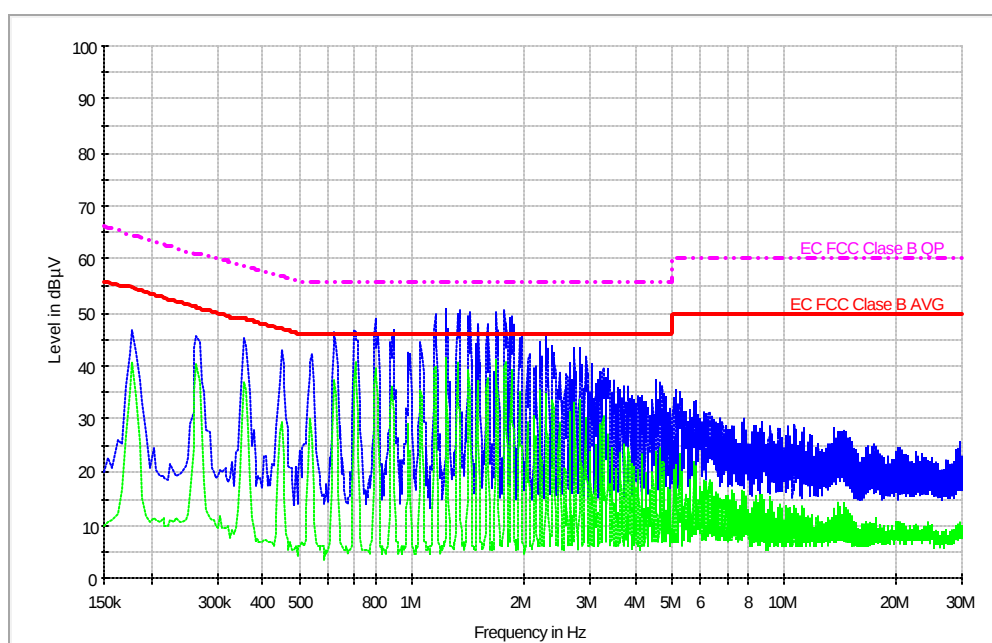
Continuous conducted emission: CC0101L1 (Peak)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/01
Modo operacion:	MO#01
Fecha:	2004-09-24 19:07
Setup:	EMI conducted
Description	GOLDEN EYE + ACP -12. Medida en fase.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBuV)	Average-ClearWrite (dBuV)	Comment
0.178000	46.8	40.5	
0.266000	45.4	40.3	
0.354000	45.3	36.6	
0.446000	42.8	29.4	
0.538000	42.0	26.4	
0.622000	46.3	37.6	
0.706000	46.6	37.0	
0.798000	49.2	39.4	
0.898000	46.5	26.2	
0.974000	42.3	28.8	
1.062000	44.6	35.3	
1.154000	49.9	39.8	
1.238000	50.7	38.5	

1.342000	50.6	31.5
1.434000	50.2	27.4
1.498000	44.1	23.8
1.506000	47.3	37.0
1.522000	47.8	25.8
1.598000	47.6	37.8
1.666000	39.0	11.3
1.686000	50.3	41.1
1.770000	50.6	39.7
1.834000	36.8	9.0
1.858000	49.6	38.0
1.898000	30.1	7.4
1.970000	46.1	24.6
2.062000	42.1	17.1
2.150000	39.9	15.1
2.214000	44.5	34.5
2.306000	45.5	34.7
2.370000	33.9	8.0
2.390000	43.8	32.6
2.482000	38.9	29.3
2.598000	38.5	13.7
2.658000	40.5	31.2
2.698000	37.0	11.7
2.746000	43.0	32.5
2.838000	43.0	33.5
2.894000	35.5	12.0
2.954000	41.5	19.6
2.978000	36.1	10.0
3.046000	40.3	15.8
3.082000	33.8	12.7
3.138000	37.3	10.9
3.158000	36.6	9.1
3.190000	38.8	27.8
3.282000	39.6	30.5
3.366000	39.6	26.3
3.494000	37.3	14.0
3.542000	33.0	20.7
3.586000	35.8	10.0
3.634000	35.4	23.6
3.722000	36.2	25.0
3.806000	36.1	22.5
3.898000	34.3	21.6
3.974000	28.7	8.0
3.982000	33.1	17.5
4.030000	33.0	11.3
4.074000	34.4	19.7
4.158000	34.3	15.8
4.250000	33.1	19.9
4.342000	30.4	16.5
4.434000	33.5	20.2
4.518000	37.3	23.8
4.602000	36.8	21.8
4.698000	35.9	22.0
4.838000	34.3	11.7
4.874000	31.4	16.9
4.958000	32.0	16.7
5.050000	34.0	20.6
5.134000	35.3	20.2
5.226000	35.0	21.7
5.310000	33.9	15.1
5.462000	31.0	10.9
5.490000	29.2	15.1

5.562000	28.8	12.4	
5.582000	31.6	17.9	
5.670000	33.3	21.7	
5.762000	33.5	21.3	
5.858000	32.2	18.5	
6.114000	31.0	18.3	
6.290000	31.4	18.3	
6.738000	30.1	15.4	
6.818000	29.4	14.9	
7.174000	27.9	14.9	
7.266000	28.5	16.5	
7.358000	28.7	14.0	
7.702000	29.3	16.5	
7.794000	29.9	14.0	
7.890000	28.0	14.0	
8.150000	27.7	13.4	
8.250000	28.6	12.8	
8.674000	28.3	13.8	
8.774000	29.3	15.9	
9.126000	28.1	14.1	
9.218000	28.6	14.6	
9.662000	28.3	12.8	
9.754000	28.2	13.8	
9.830000	26.5	13.1	
10.094000	27.0	13.8	
10.198000	28.7	12.8	
10.726000	29.0	13.2	
11.170000	27.6	11.4	
11.258000	28.4	11.4	
11.706000	27.3	11.4	
11.786000	27.0	12.1	
13.654000	28.2	13.2	
14.434000	28.0	12.9	
17.278000	25.5	9.7	
29.682000	25.9	9.3	

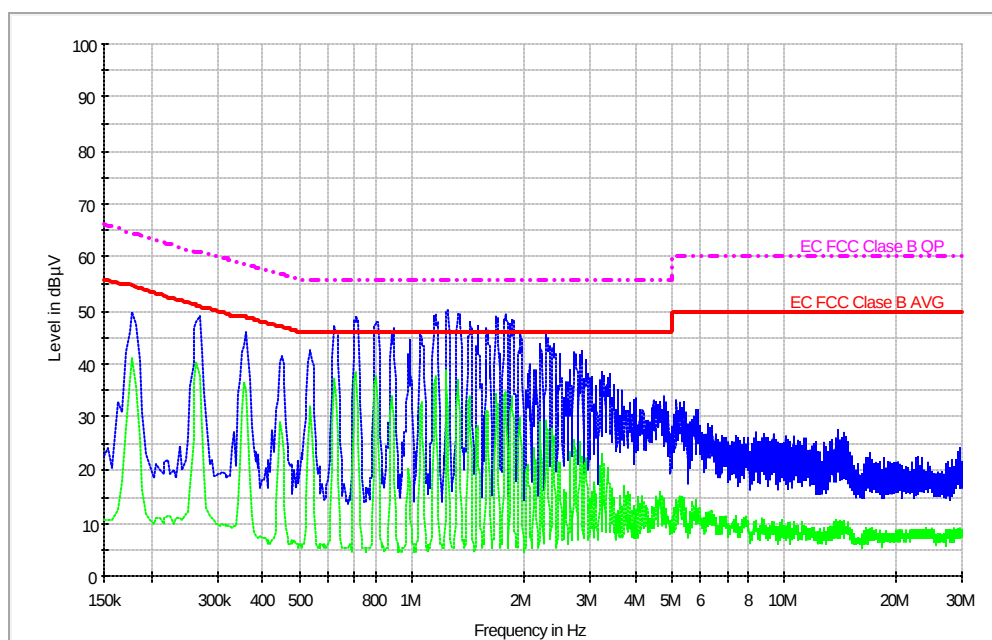
Continuous conducted emission: CC01040N (Peak)

EMC32 Report

Test Information

Proyecto: 21007iem.001
 Empresa: NOKIA
 Muestra: M/01
 Modo operacion: MO#04
 Fecha: 2004-09-24 19:15
 Setup: EMI conducted
 Description: GOLDEN EYE + ACP -12. Medida en neutro.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)	Comment
0.178000	49.9	41.1	
0.270000	48.8	37.7	
0.358000	45.9	35.1	
0.446000	41.4	27.0	
0.534000	42.3	32.3	
0.622000	47.0	37.4	
0.714000	48.8	37.6	
0.802000	47.8	37.0	
0.894000	46.6	29.6	
0.986000	44.6	17.1	
1.062000	45.4	31.7	
1.154000	49.5	37.7	
1.254000	50.0	31.7	
1.350000	49.3	21.5	

1.430000	47.8	29.9	
1.518000	46.9	27.2	
1.594000	46.6	31.2	
1.686000	49.0	34.4	
1.774000	49.5	34.5	
1.866000	48.2	32.7	
1.966000	45.4	27.0	
2.062000	40.0	17.1	
2.134000	38.9	21.9	
2.226000	43.9	27.8	
2.310000	45.7	28.5	
2.414000	43.8	23.6	
2.498000	41.7	21.5	
2.598000	36.5	10.0	
2.662000	38.9	23.4	
2.754000	41.9	24.5	
2.858000	42.3	22.6	
2.946000	40.8	20.8	
3.030000	37.8	15.8	
3.102000	35.7	15.6	
3.202000	36.6	19.7	
3.274000	38.5	22.8	
3.402000	38.0	16.3	
3.482000	36.1	14.8	
3.574000	35.1	12.4	
3.662000	35.1	12.1	
4.014000	33.6	12.4	
4.738000	33.9	13.4	
5.158000	33.3	13.4	
5.814000	31.5	12.1	
8.390000	27.4	10.1	
9.334000	27.0	10.1	
10.010000	26.4	9.6	
10.682000	26.5	9.1	
13.954000	27.4	9.7	

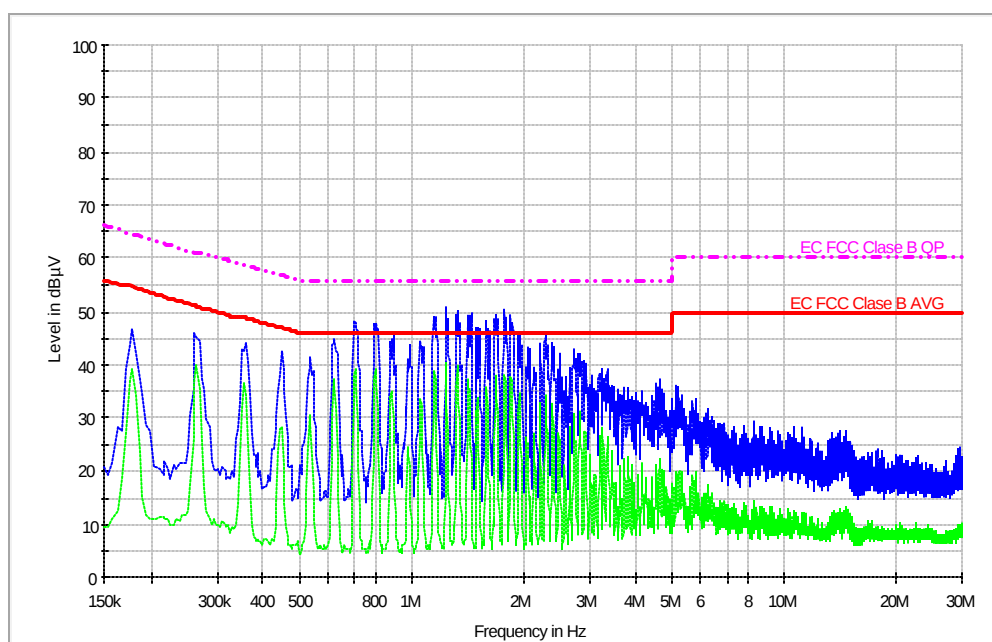
Continuous conducted emission: CC01040N (Peak)

EMC32 Report

Test Information

Proyecto: 21007iem.001
 Empresa: NOKIA
 Muestra: M/01
 Modo operacion: MO#04
 Fecha: 2004-09-24 19:30
 Setup: EMI conducted
 Description: GOLDEN EYE + ACP -12. Medida en fase.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)	Comment
0.178000	46.5	39.2	
0.262000	46.1	36.2	
0.358000	44.3	34.2	
0.446000	42.6	28.3	
0.534000	41.5	29.0	
0.622000	45.0	35.9	
0.706000	48.1	38.3	
0.802000	47.8	36.3	
0.898000	45.9	23.7	
0.986000	43.7	18.2	
1.062000	44.6	33.5	
1.146000	48.8	37.5	
1.234000	50.9	37.8	
1.326000	50.2	39.8	

1.438000	49.9	22.7	
1.498000	47.0	31.0	
1.522000	47.0	24.1	
1.586000	48.1	31.8	
1.678000	49.6	37.5	
1.766000	50.5	37.7	
1.854000	49.5	37.7	
1.946000	46.0	34.6	
2.054000	43.1	19.9	
2.122000	39.4	27.2	
2.210000	44.2	33.0	
2.294000	45.5	31.6	
2.386000	44.2	32.8	
2.502000	41.9	21.5	
2.590000	37.8	13.1	
2.650000	39.5	28.2	
2.738000	42.9	30.2	
2.814000	42.2	19.1	
2.914000	40.8	27.7	
3.038000	38.3	14.5	
3.358000	39.3	25.3	
3.570000	35.4	13.1	
3.626000	34.4	21.2	
3.798000	35.7	21.7	
4.014000	34.6	12.8	
4.066000	33.4	17.9	
4.158000	34.9	21.2	
4.506000	36.5	21.4	
4.598000	37.1	22.3	
5.126000	36.1	19.6	
5.742000	33.5	19.6	
6.270000	31.8	14.9	
6.898000	28.8	14.3	
7.342000	28.4	13.1	
7.782000	28.6	14.0	
8.230000	29.3	13.4	
9.202000	28.3	13.1	
10.690000	28.3	12.5	
11.134000	28.4	10.6	
14.154000	27.7	12.2	

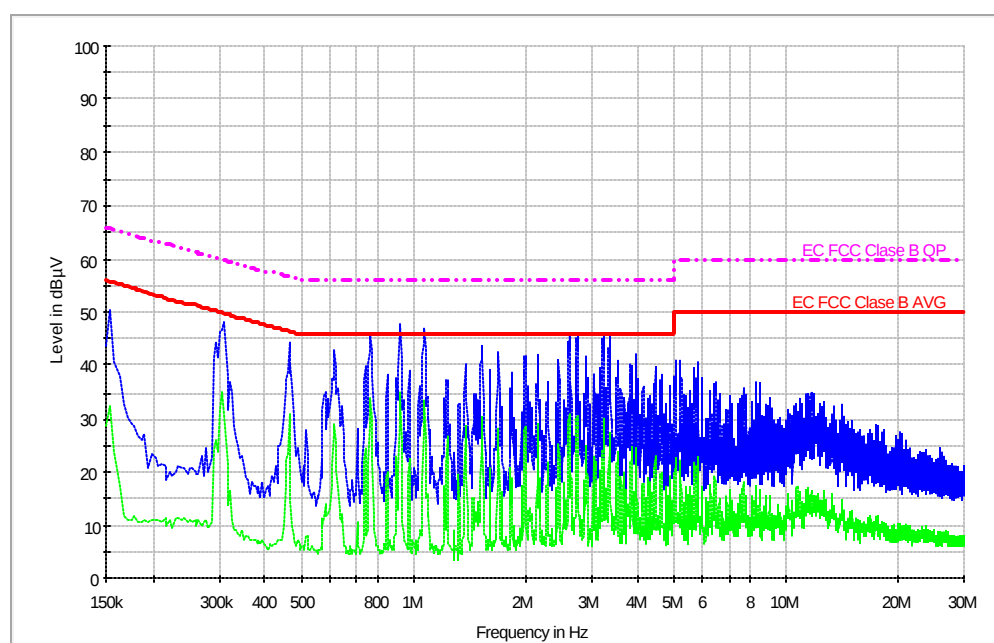
Continuous conducted emission: CC02010N (Peak)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/02
Modo operacion:	MO#01
Fecha:	2004-09-27 21:53
Setup:	EMI conducted
Description	GOLDEN EYE + ACP-8. Medida en neutro

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	Comment
0.154000	50.5	32.4	
0.310000	48.2	31.1	
0.462000	44.2	30.9	
0.514000	27.9	7.9	
0.614000	43.1	29.3	
0.710000	28.2	10.4	
0.742000	39.9	24.6	
0.766000	45.8	33.8	
0.854000	38.2	20.0	
0.922000	47.9	33.3	
0.970000	39.0	22.5	
1.074000	47.0	33.5	
1.230000	37.4	20.3	

1.322000	32.8	19.7
1.374000	40.4	27.1
1.530000	43.7	29.7
1.610000	39.2	15.6
1.686000	42.7	28.2
1.842000	38.8	18.9
1.954000	31.2	17.5
1.994000	42.1	26.7
2.022000	36.3	9.0
2.150000	42.3	25.2
2.302000	36.9	21.2
2.402000	33.2	16.9
2.450000	41.2	25.3
2.518000	33.5	18.2
2.602000	46.0	31.1
2.762000	46.1	28.7
2.914000	41.8	25.1
2.974000	32.7	9.1
3.026000	38.5	21.3
3.050000	37.0	21.0
3.114000	34.4	13.4
3.142000	39.5	20.3
3.218000	45.5	30.2
3.258000	35.8	20.8
3.306000	35.8	16.9
3.362000	44.5	25.8
3.378000	45.7	25.7
3.530000	41.2	21.1
3.598000	36.1	19.4
3.682000	33.9	17.3
3.774000	34.3	13.1
3.814000	40.2	21.7
3.874000	33.4	15.8
3.906000	33.8	12.8
3.934000	33.5	12.1
3.982000	42.1	24.7
4.066000	31.1	11.3
4.138000	36.4	18.1
4.290000	34.0	15.6
4.338000	32.6	16.3
4.394000	35.4	12.1
4.446000	39.7	21.6
4.478000	30.9	9.6
4.530000	30.6	10.5
4.598000	38.5	20.2
4.690000	30.8	8.5
4.742000	32.7	14.0
4.894000	36.4	19.1
5.054000	41.3	22.6
5.214000	41.2	19.1
5.298000	34.6	13.4
5.370000	34.3	14.3
5.414000	32.0	15.8
5.482000	31.9	13.1
5.490000	35.4	16.9
5.566000	32.6	9.6
5.658000	39.5	22.0
5.802000	38.2	19.0
5.826000	40.7	22.8
5.978000	37.8	17.7
6.098000	30.5	14.6
6.170000	30.2	10.9

6.282000	35.4	17.7
6.442000	36.8	16.1
6.558000	33.0	12.8
6.566000	33.4	13.1
6.598000	34.3	15.1
6.750000	28.7	9.6
6.862000	31.6	11.3
7.038000	34.1	16.1
7.206000	32.8	14.9
7.434000	28.5	12.1
7.510000	33.3	15.6
7.554000	33.7	11.7
7.630000	34.2	13.4
7.662000	36.0	18.3
7.822000	35.0	15.4
7.934000	28.0	9.6
8.086000	33.2	15.4
8.266000	36.4	17.8
8.282000	36.8	14.9
8.430000	36.9	16.5
8.578000	29.3	12.1
8.686000	30.6	12.1
8.874000	32.9	14.6
9.006000	32.5	11.0
9.046000	33.8	14.6
9.122000	30.1	12.5
9.202000	32.0	11.7
9.226000	29.8	9.1
9.506000	29.8	13.5
9.646000	30.4	12.1
9.754000	28.5	10.1
9.818000	28.3	10.1
10.106000	31.6	15.9
10.430000	30.1	11.8
10.518000	32.2	11.8
10.890000	33.8	16.1
11.022000	32.7	12.5
11.294000	34.4	14.6
11.430000	34.9	16.1
11.638000	35.3	16.1
11.786000	34.9	14.9
12.206000	32.8	13.5
12.570000	32.9	16.6
13.330000	30.9	14.4
13.506000	32.4	12.9
14.114000	32.7	14.1
14.502000	28.8	10.6
14.870000	29.9	12.9
15.634000	27.3	10.6
15.914000	28.0	11.0
16.878000	27.7	11.4
17.282000	29.2	11.0
17.502000	28.4	11.5
18.210000	27.7	10.6
20.322000	27.4	8.7
20.538000	27.0	9.7

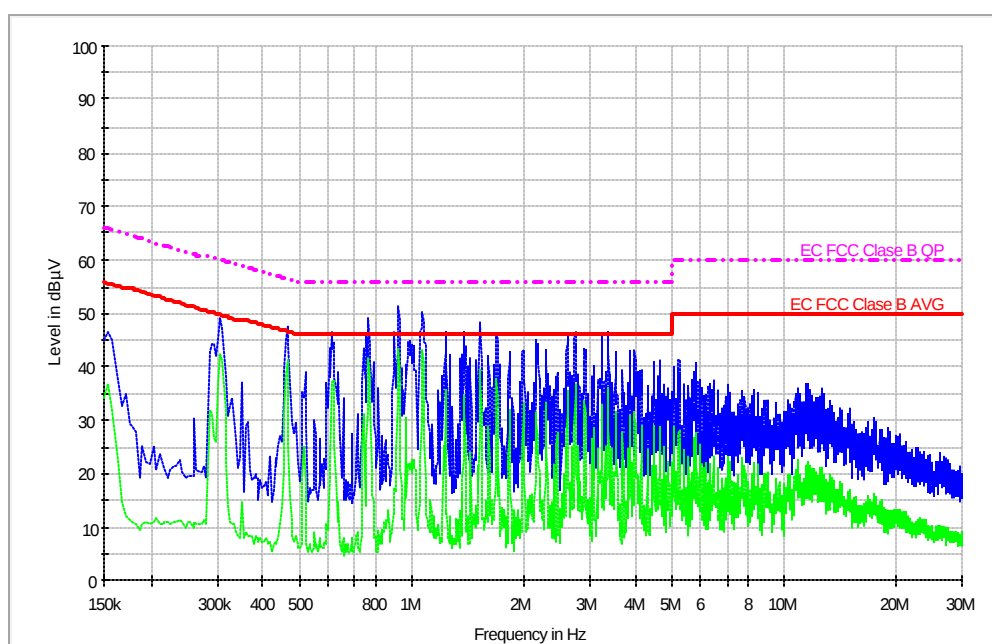
Continuous conducted emission: CC0201L1 (Peak)

EMC32 Report

Test Information

Proyecto: 21007iem.001
 Empresa: NOKIA
 Muestra: M/02
 Modo operacion: MO#01
 Fecha: 2004-09-27 21:50
 Setup: EMI conducted
 Description: GOLDEN EYE + ACP -8. Medida en fase.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	Comment
0.154000	46.3	36.8	
0.262000	30.3	10.9	
0.306000	49.0	42.4	
0.350000	37.1	14.8	
0.362000	29.4	8.5	
0.462000	47.7	41.3	
0.518000	39.0	18.2	
0.546000	29.9	9.0	
0.610000	46.5	37.1	
0.654000	34.0	7.9	
0.690000	27.5	6.0	
0.718000	31.2	9.0	
0.766000	49.2	41.4	
0.810000	35.8	9.5	

0.902000	46.5	17.3
0.922000	51.3	43.7
0.986000	45.1	21.7
1.074000	50.3	43.4
1.178000	35.5	10.4
1.198000	38.2	10.9
1.226000	46.3	35.0
1.274000	42.3	12.0
1.294000	32.7	7.9
1.362000	42.2	16.2
1.382000	46.5	34.5
1.406000	40.1	12.0
1.430000	41.5	24.0
1.502000	41.1	13.1
1.534000	48.1	39.6
1.610000	41.9	27.8
1.638000	31.5	14.8
1.662000	40.4	13.4
1.690000	46.4	37.9
1.798000	33.5	10.0
1.842000	42.5	32.0
1.874000	33.7	9.5
1.958000	37.0	11.3
1.994000	43.4	33.4
2.074000	32.1	15.8
2.114000	36.9	13.7
2.142000	45.1	29.4
2.250000	34.6	15.1
2.302000	43.0	33.3
2.414000	35.5	21.7
2.454000	39.2	27.8
2.498000	32.2	11.3
2.606000	46.0	35.6
2.650000	39.0	13.7
2.702000	38.3	25.5
2.758000	46.5	35.2
2.810000	38.6	17.1
2.918000	43.5	33.5
2.978000	34.8	14.0
3.066000	40.3	28.6
3.134000	35.7	17.1
3.226000	46.0	33.0
3.326000	39.2	25.0
3.378000	46.4	35.9
3.430000	38.7	18.3
3.458000	37.2	18.6
3.534000	42.6	31.4
3.682000	39.3	27.9
3.782000	37.3	24.5
3.834000	43.3	30.5
3.990000	43.4	31.6
4.150000	39.5	26.5
4.294000	36.4	21.4
4.454000	40.8	28.9
4.606000	41.0	28.9
4.758000	36.6	25.1
4.910000	35.9	22.2
5.066000	40.3	28.9
5.226000	41.1	27.6
5.378000	36.6	24.5
5.482000	34.9	20.0
5.522000	36.4	22.3

5.650000	37.6	16.1
5.674000	39.2	25.1
5.826000	40.7	25.8
5.986000	37.6	25.5
6.110000	31.6	17.7
6.146000	35.0	22.2
6.298000	36.5	22.0
6.446000	37.6	22.8
6.606000	35.7	21.3
6.750000	32.5	19.3
6.902000	34.5	19.0
7.062000	36.5	23.2
7.214000	35.1	22.1
7.526000	33.0	20.1
7.678000	35.7	22.7
7.978000	32.4	18.3
8.130000	34.5	19.0
8.286000	35.4	22.2
8.442000	35.2	21.0
8.910000	34.0	19.9
9.502000	33.6	17.8
10.130000	33.7	16.8
10.890000	35.9	22.4
11.054000	34.8	19.5
11.494000	36.6	21.6
12.418000	34.4	21.1
12.590000	36.0	20.7
13.322000	33.9	19.4
14.126000	32.4	17.6
14.874000	32.4	16.8
15.434000	29.6	13.8
17.422000	30.2	15.7
19.050000	28.5	13.2

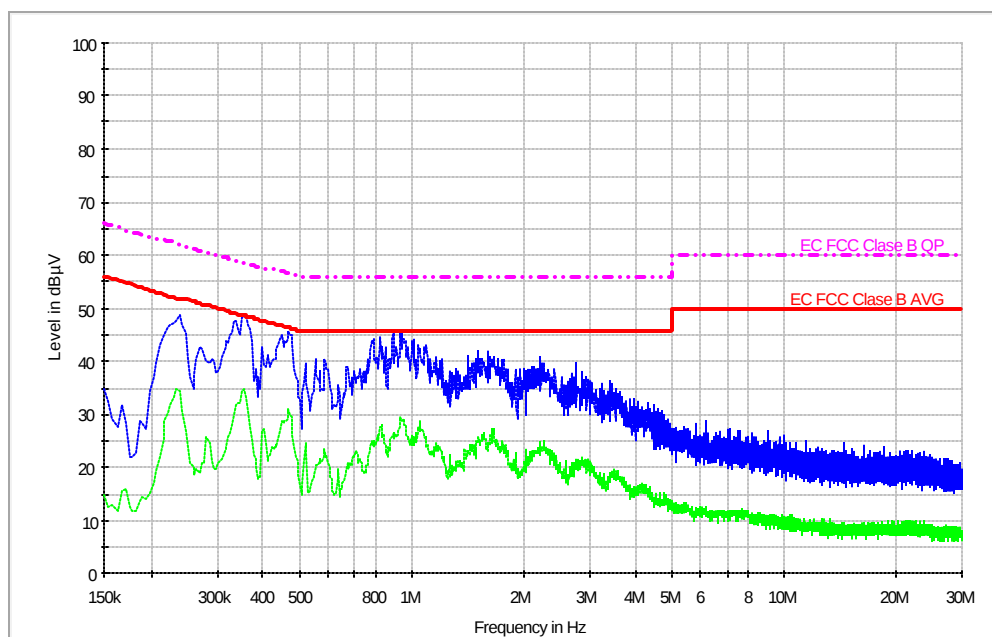
Continuous conducted emission: CC02040N (Peak)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/02
Modo operacion:	MO#04
Fecha:	2004-09-24 20:16
Setup:	EMI conducted
Description	GOLDEN EYE + ACP-8. Medida en fase.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	Comment
0.150000	34.8	14.8	
0.238000	48.8	34.2	
0.358000	48.6	33.2	
0.470000	45.7	31.0	
0.586000	40.6	23.6	
0.934000	45.7	29.5	
1.514000	42.1	25.0	
2.206000	40.9	24.3	

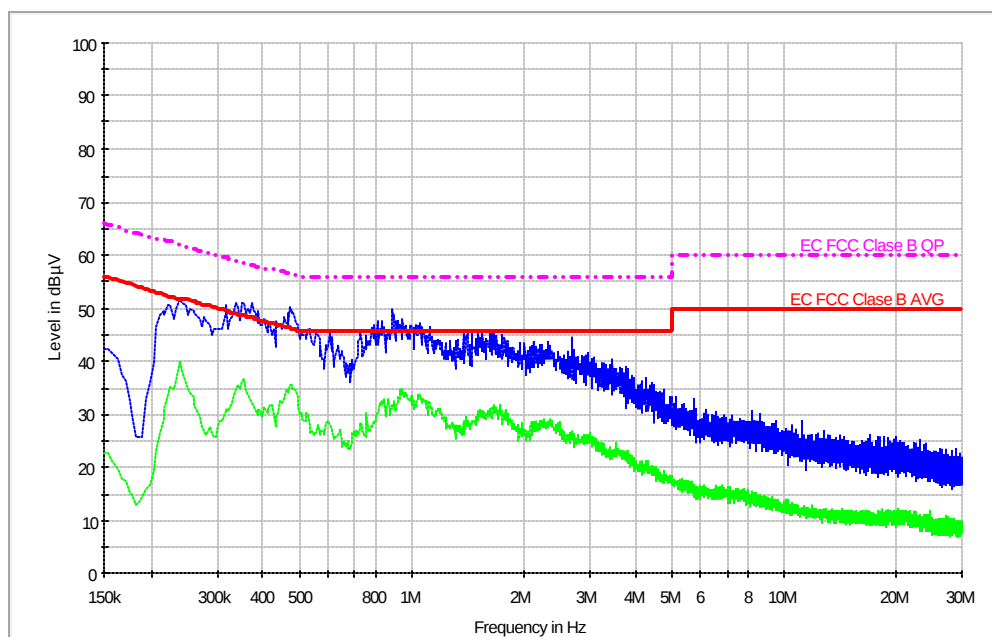
Continuous conducted emission: CC0204L1 (Peak and average)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/02
Modo operacion:	MO#04
Fecha:	2004-09-24 20:22
Setup:	EMI conducted
Description	GOLDEN EYE + ACP-8. Medida en fase.

EC FCC Clase B ESIB26 CC



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	Comment
0.150000	42.5	22.6	
0.238000	51.7	39.8	
0.890000	49.8	31.7	

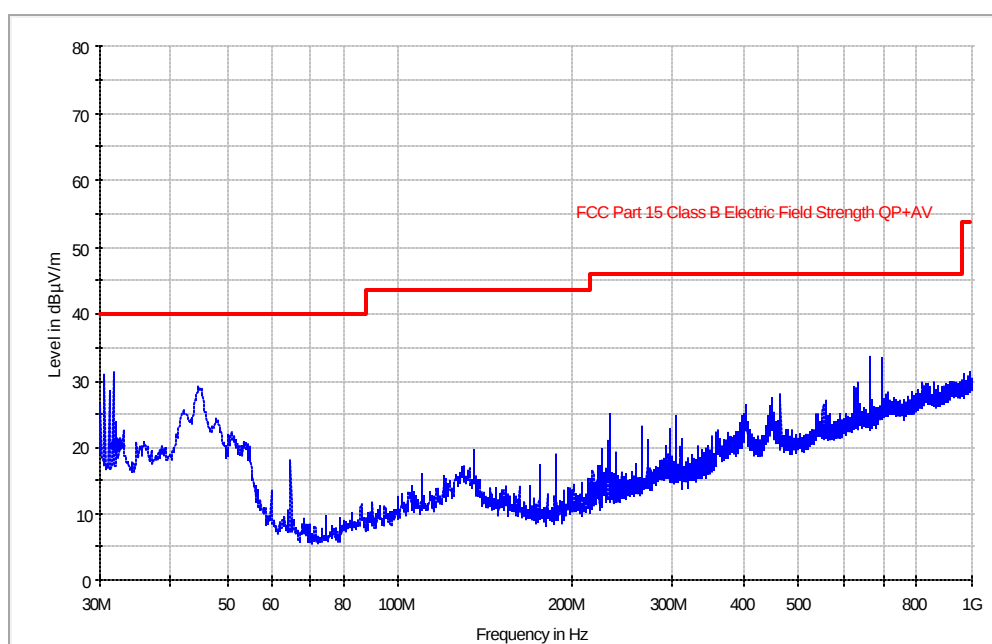
Radiated emission: CR0101 (30 MHz – 1000 MHz)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/01
Modo operacion:	MO#01
Fecha:	2004-09-23 08:34
Setup:	EMI radiated
Description	GOLDEN EYE + ACP -12

FCC clase B



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)	Comment
30.300000	26.5	150.00	H	-2.0	
30.800000	31.1	150.00	H	-2.0	
31.300000	28.4	150.00	H	-2.0	
31.800000	31.4	150.00	H	-2.0	
32.100000	23.5	150.00	H	-2.0	
44.800000	29.0	150.00	V	93.0	
65.000000	18.1	150.00	V	93.0	
135.000000	19.5	150.00	V	-2.0	
175.500000	17.4	150.00	V	-2.0	
188.500000	18.9	150.00	V	-2.0	
221.800000	17.2	150.00	H	-2.0	
224.500000	17.2	150.00	H	-2.0	
227.100000	19.0	150.00	H	-2.0	
227.500000	19.8	150.00	V	93.0	

234.000000	24.9	150.00	H	-2.0	
239.100000	19.0	150.00	H	-2.0	
266.500000	23.0	150.00	H	-2.0	
273.000000	21.0	150.00	H	-2.0	
298.800000	22.9	150.00	H	-2.0	
305.500000	24.5	150.00	H	-2.0	
312.000000	21.4	150.00	H	-2.0	
403.000000	26.5	150.00	H	93.0	
448.500000	27.4	150.00	V	93.0	
461.500000	28.0	150.00	V	-2.0	
464.300000	27.0	150.00	H	-2.0	
624.000000	29.1	150.00	V	93.0	
637.000000	29.6	150.00	V	93.0	
663.000000	33.5	150.00	H	93.0	
695.500000	33.1	150.00	H	93.0	
991.000000	31.2	150.00	V	-2.0	

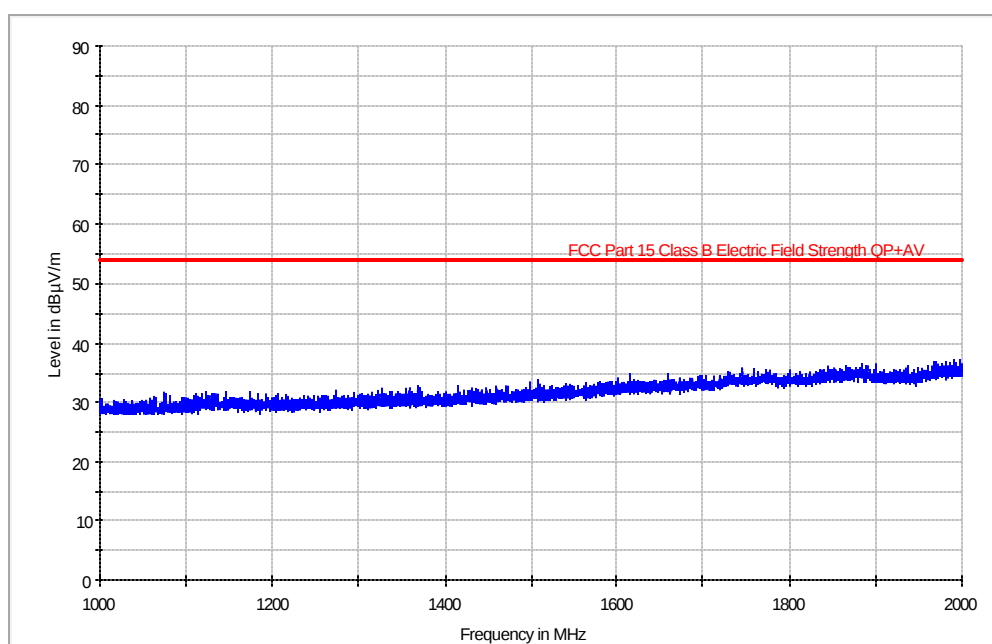
Radiated emission: CR0101 (1 GHz – 2 GHz) PH

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/01
Modo operacion:	MO#01
Fecha:	2004-09-22 08:45
Setup:	EMI radiated
Description	GOLDEN EYE + ACP -12

ER FCC Clase B 1-2GHz



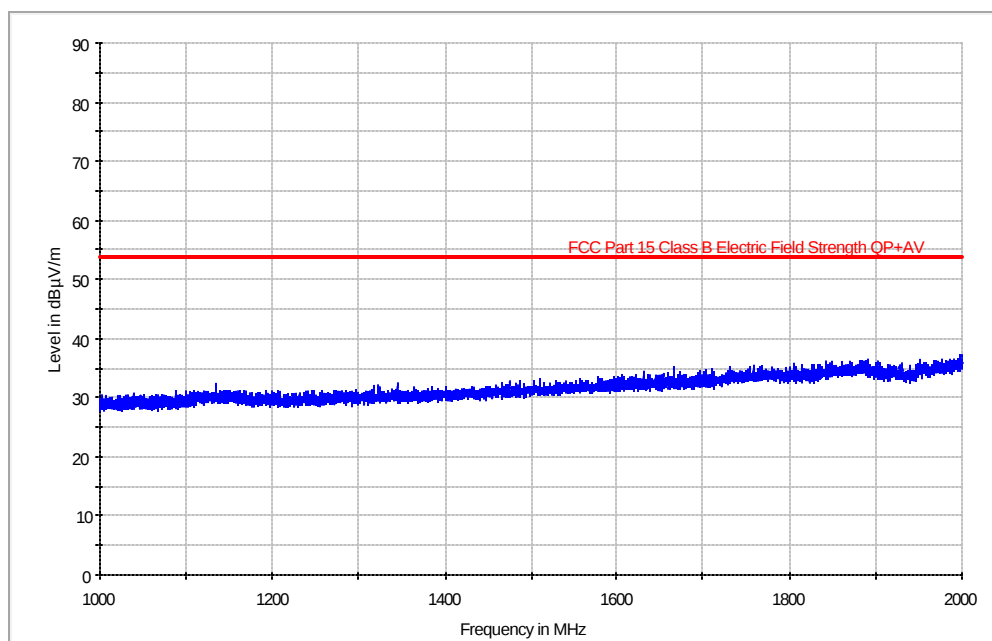
Radiated emission: CR0101 (1 GHz – 2 GHz) PV

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/01
Modo operacion:	MO#01
Fecha:	2004-09-22 08:50
Setup:	EMI radiated
Description:	GOLDEN EYE + ACP -12

ER FCC Clase B 1-2GHz



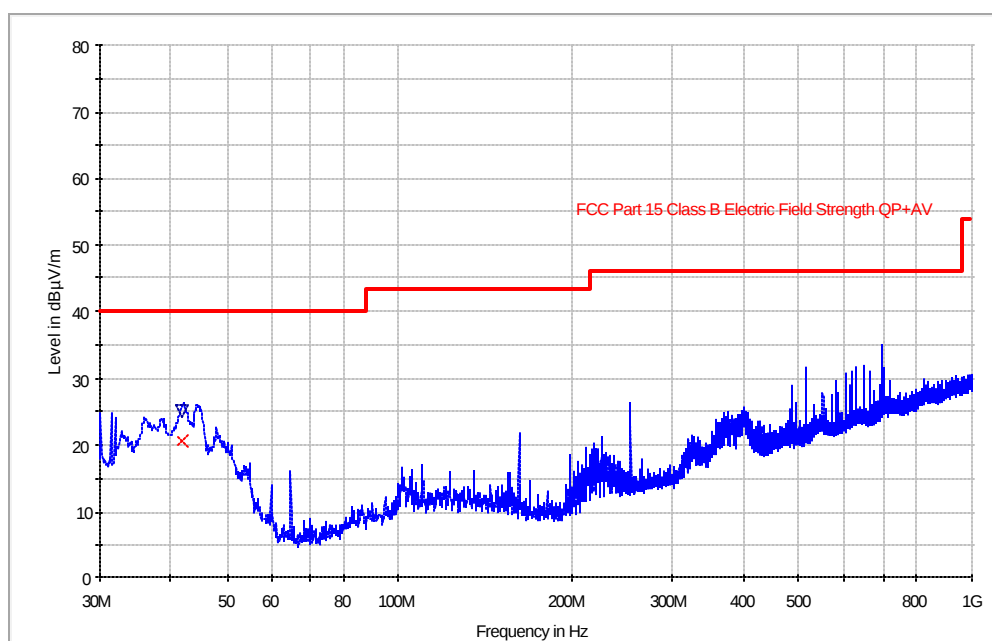
Radiated emission: CR0201 (30 MHz – 1000 MHz)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/02
Modo operacion:	MO#01
Fecha:	2004-09-23 09:08
Setup:	EMI radiated
Description	GOLDEN EYE + ACP -8

FCC class B



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)	Comment
30.300000	24.9	150.00	H	-2.0	
31.600000	24.7	150.00	H	-2.0	
42.200000	26.2	150.00	V	93.0	
60.000000	14.1	150.00	V	93.0	
65.000000	16.0	150.00	V	93.0	
101.300000	16.5	150.00	V	93.0	
110.000000	17.0	150.00	V	-2.0	
123.500000	16.0	150.00	V	-2.0	
135.000000	15.9	150.00	V	93.0	
156.100000	15.7	150.00	H	93.0	
162.500000	21.7	150.00	V	93.0	
169.000000	14.6	150.00	V	93.0	
199.200000	18.7	150.00	V	93.0	
205.800000	17.4	150.00	H	-2.0	

213.000000	19.6	150.00	H	-2.0	
217.400000	19.4	150.00	H	-2.0	
218.900000	20.2	150.00	H	-2.0	
221.500000	19.5	150.00	H	-2.0	
225.700000	21.1	150.00	H	-2.0	
231.200000	18.8	150.00	H	-2.0	
253.500000	26.1	150.00	H	-2.0	
401.400000	25.6	150.00	V	-2.0	
487.500000	28.9	150.00	V	93.0	
494.000000	26.3	150.00	V	93.0	
513.500000	31.4	150.00	V	93.0	
552.400000	27.9	150.00	V	-2.0	
572.000000	27.3	150.00	V	93.0	
578.500000	29.5	150.00	H	93.0	
585.000000	27.8	150.00	H	93.0	
604.500000	30.6	150.00	H	93.0	
611.000000	28.9	150.00	V	93.0	
617.500000	31.0	150.00	H	93.0	
630.500000	31.6	150.00	H	93.0	
650.000000	31.9	150.00	V	93.0	
663.000000	31.0	150.00	V	-2.0	
695.500000	34.9	150.00	H	93.0	
708.400000	31.5	150.00	H	93.0	
997.500000	30.5	150.00	H	-2.0	

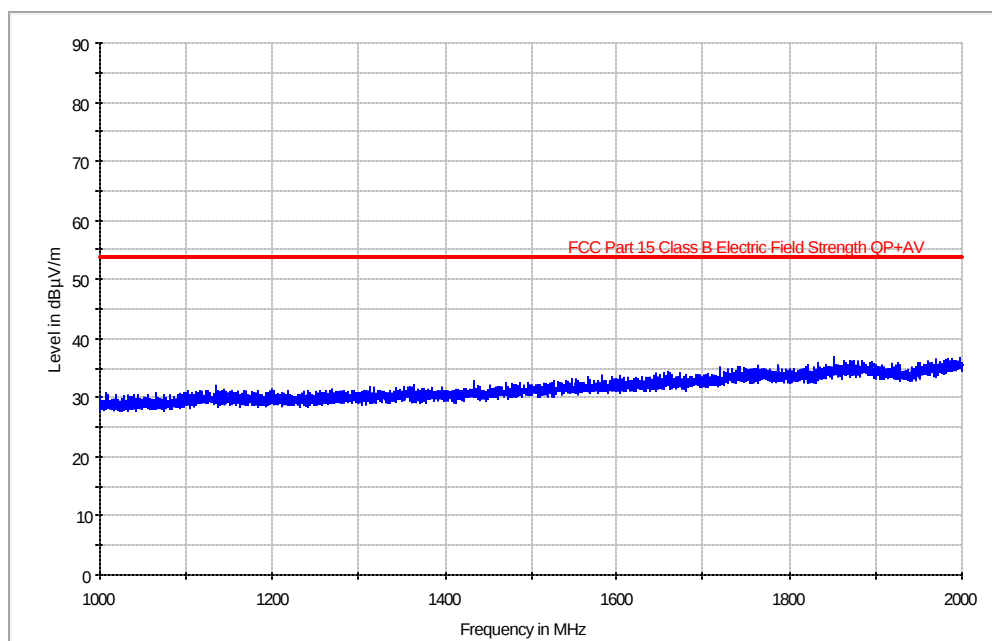
Radiated emission: CR0201 (1 GHz – 2 GHz) PH

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/02
Modo operacion:	MO#01
Fecha:	2004-09-22 09:13
Setup:	EMI radiated
Description	GOLDEN EYE + AC-1

ER FCC Clase B 1-2GHz



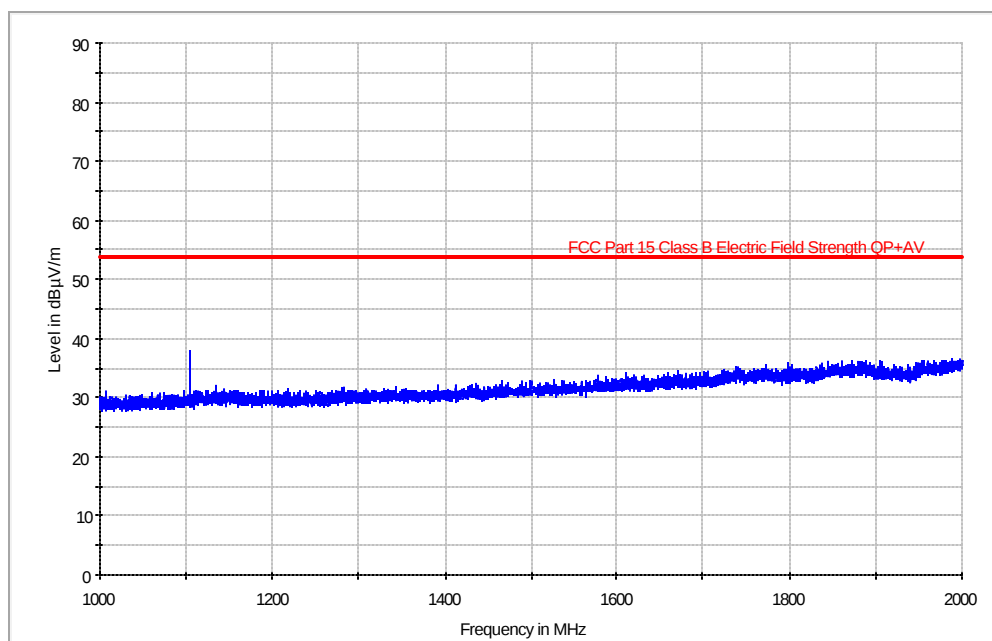
Radiated emission: CR0201 (1 GHz – 2 GHz) PV

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/02
Modo operacion:	MO#01
Fecha:	2004-09-22 09:14
Setup:	EMI radiated
Description	GOLDEN EYE + AC-1

ER FCC Clase B 1-2GHz



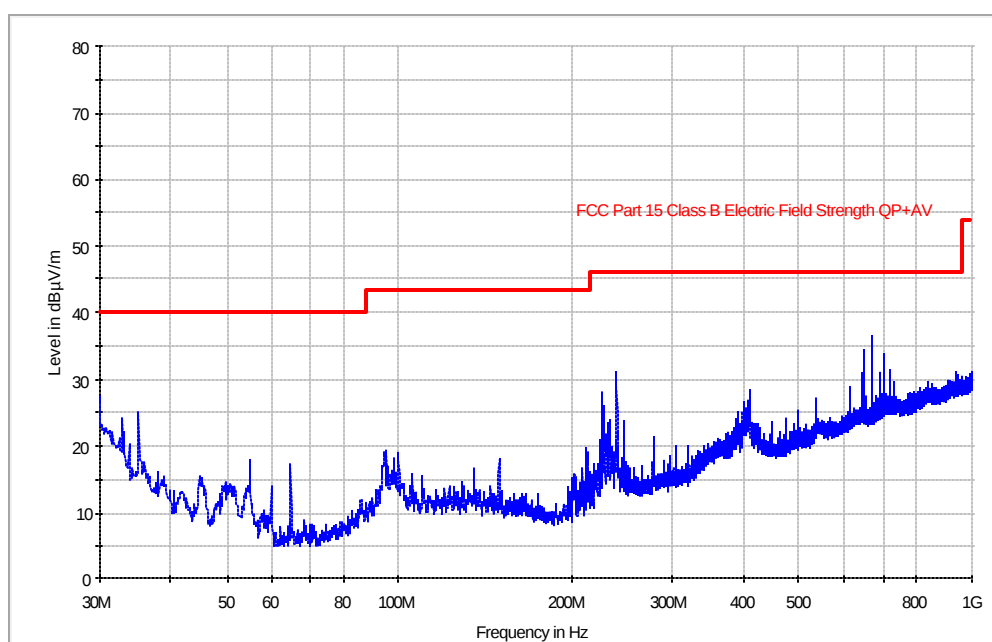
Radiated emission: CR0302 (30 MHz – 1000 MHz)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/03
Modo operacion:	MO#02
Fecha:	2004-09-23 09:24
Setup:	EMI radiated
Description	GOLDEN EYE + LCH-12 (12Vdc)

FCC clase B



DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)	Comment
30.100000	27.2	150.00	V	-1.0	
35.200000	25.0	150.00	H	-1.0	
45.000000	15.6	150.00	V	93.0	
55.000000	17.6	150.00	V	93.0	
60.000000	13.7	150.00	V	93.0	
65.000000	17.1	150.00	V	93.0	
95.600000	19.4	150.00	V	93.0	
100.000000	19.2	150.00	V	-1.0	
135.000000	16.6	150.00	V	93.0	
149.500000	18.1	150.00	V	93.0	
203.700000	15.9	150.00	H	-1.0	
209.200000	16.7	150.00	H	-1.0	
212.200000	19.7	150.00	H	-1.0	
213.300000	19.2	150.00	H	-1.0	

224.500000	20.8	150.00	H	-1.0	
227.500000	28.1	150.00	H	93.0	
229.000000	25.8	150.00	H	-1.0	
232.100000	21.7	150.00	H	-1.0	
234.000000	24.0	150.00	H	93.0	
240.500000	31.0	150.00	H	-1.0	
247.000000	23.8	150.00	H	-1.0	
279.400000	21.3	150.00	H	-1.0	
305.500000	20.0	150.00	H	-1.0	
318.400000	20.0	150.00	V	93.0	
409.400000	28.5	150.00	V	93.0	
533.000000	27.1	150.00	V	93.0	
611.000000	29.0	150.00	H	93.0	
643.500000	31.1	150.00	V	93.0	
650.000000	34.3	150.00	H	93.0	
669.500000	36.4	150.00	H	93.0	
690.200000	31.1	150.00	H	93.0	
708.500000	33.7	150.00	H	93.0	
721.600000	31.3	150.00	H	93.0	
997.200000	31.0	150.00	V	93.0	

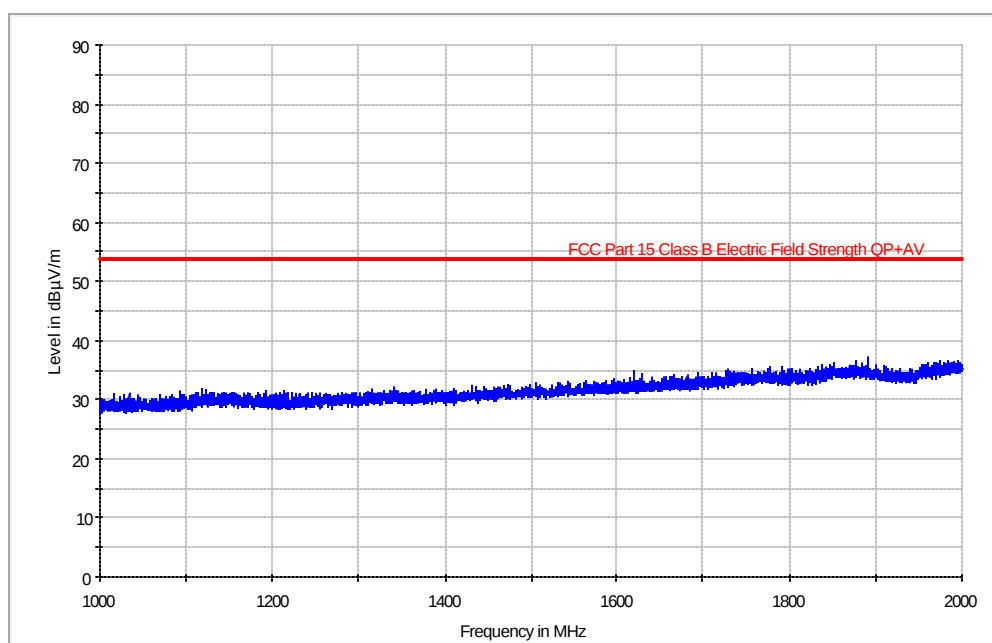
Radiated emission: CR0302 (1 GHz – 2 GHz) PH

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/03
Modo operacion:	MO#02
Fecha:	2004-09-22 09:40
Setup:	EMI radiated
Description:	GOLDEN EYE + LCH-12 (12Vdc)

ER FCC Clase B 1-2GHz



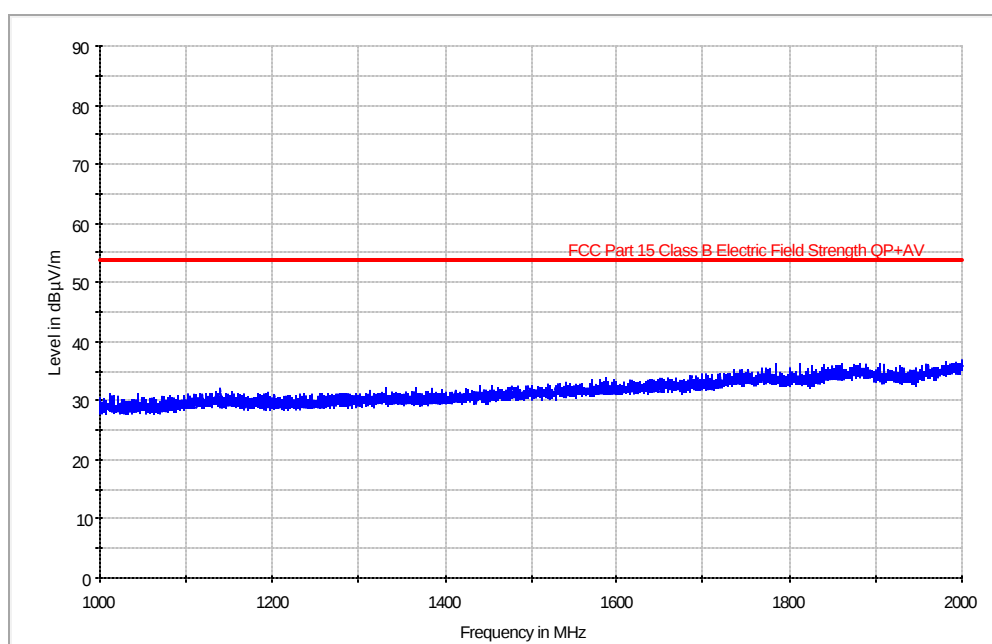
Radiated emission: CR0302 (1 GHz – 2 GHz) PV

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/03
Modo operacion:	MO#02
Fecha:	2004-09-22 09:41
Setup:	EMI radiated
Description	GOLDEN EYE + LCH-12 (12Vdc)

ER FCC Clase B 1-2GHz



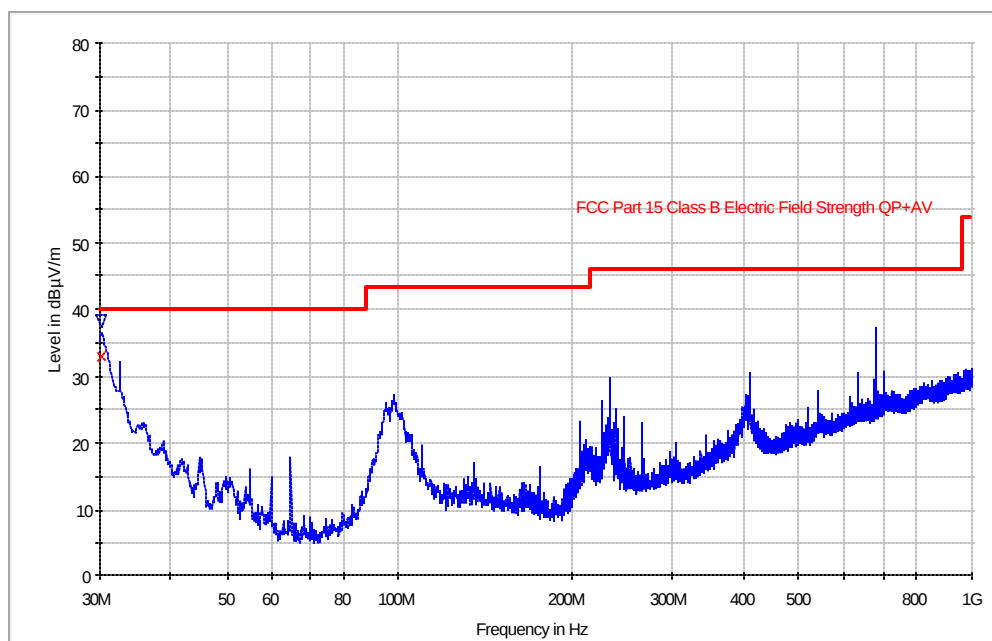
Radiated emission: CR0303 (30 MHz – 1000 MHz)

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/03
Modo operacion:	MO#03
Fecha:	2004-09-23 09:59
Setup:	EMI radiated
Description	GOLDEN EYE + LCH-12 (24Vdc)

FCC clase B



Maximizadas

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
30.334669	32.9	38.2	99.00	V	159.0

DataReduction Detector1

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)	Comment
30.500000	36.2	150.00	V	-2.0	
55.000000	16.0	150.00	V	93.0	
60.000000	14.9	150.00	V	93.0	
65.000000	17.7	150.00	V	93.0	
98.200000	27.1	150.00	V	-2.0	
135.000000	16.8	150.00	V	93.0	
175.500000	16.4	150.00	H	-2.0	

208.000000	23.0	150.00	H	-2.0	
212.100000	20.6	150.00	H	-2.0	
227.500000	26.2	150.00	V	93.0	
234.000000	29.8	150.00	H	-2.0	
237.400000	22.8	150.00	H	-2.0	
240.500000	25.0	150.00	H	93.0	
242.000000	21.9	150.00	H	-2.0	
244.800000	19.5	150.00	H	-2.0	
247.000000	23.8	150.00	H	-2.0	
266.500000	22.8	150.00	H	-2.0	
305.400000	20.0	150.00	V	-2.0	
409.500000	30.4	150.00	V	-2.0	
539.500000	27.9	150.00	V	93.0	
637.000000	30.4	150.00	V	93.0	
682.500000	37.6	150.00	H	93.0	
708.700000	30.6	150.00	H	93.0	
996.900000	31.0	150.00	H	93.0	

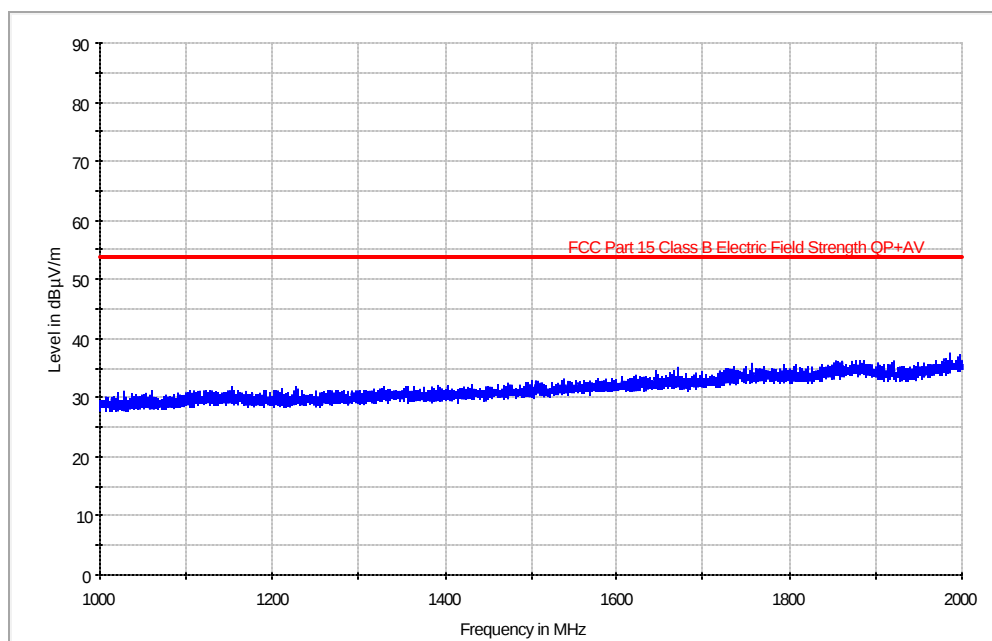
Radiated emission: CR0303 (1 GHz – 2 GHz) PH

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/03
Modo operacion:	MO#03
Fecha:	2004-09-22 09:58
Setup:	EMI radiated
Description:	GOLDEN EYE + LCH-12 (24Vdc)

ER FCC Clase B 1-2GHz



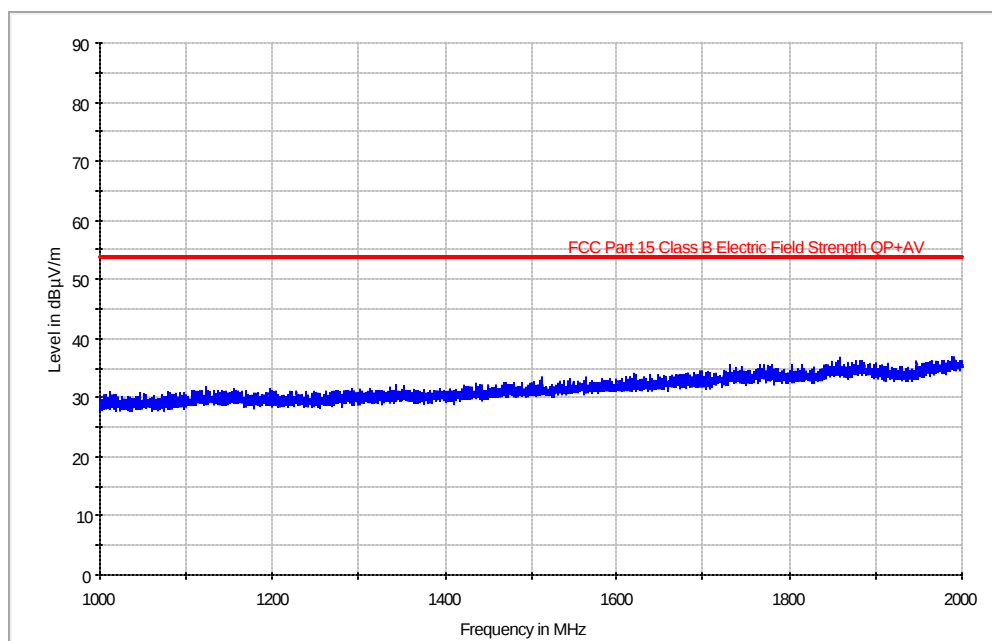
Radiated emission: CR0303 (1 GHz – 2 GHz) PH

EMC32 Report

Test Information

Proyecto:	21007iem.001
Empresa:	NOKIA
Muestra:	M/03
Modo operacion:	MO#03
Fecha:	2004-09-22 09:58
Setup:	EMI radiated
Description	GOLDEN EYE + LCH-12 (24Vdc)

ER FCC Clase B 1-2GHz



4. - EQUIPMENT UNDER TEST PICTURES

