

ANNEX A

MEASURING RESULTS FOR ELECTROMAGNETIC EMISSION

For samples under test, named S/01, S/02, S/03, S/04, S/05, S/06, S/07 and S/09, 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/06, S/07 AND S/09	2
2. - CONTINUOUS CONDUCTED EMISSION, POWER LEADS ON SAMPLES S/06, S/07 AND S/09	3
3. - RADIATED EMISSION, ELECTROMAGNETIC FIELD ON SAMPLES S/01, S/02, S/03, S/04 AND S/05	4
4. - GRAPH RESULTS	4
5. - EQUIPMENT UNDER TEST PICTURES.....	45

* * *

1.- CONTINUOUS CONDUCTED EMISSION, POWER LEADS ON SAMPLE S/06, S/07 AND S/09

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 (dB μ V)	
	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. Idle mode.

TEST RESULTS

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

- OM#01.

CDmmnnxx	Description	Result
CC06010N	Interference voltage on N wire	PASS
CC0601L1	Interference voltage on L1 wire	PASS
CC07010N	Interference voltage on N wire	PASS
CC0701L1	Interference voltage on L1 wire	PASS
CC09010N	Interference voltage on N wire	PASS
CC0901L1	Interference voltage on L1 wire	PASS

2.- CONTINUOUS CONDUCTED EMISSION, POWER LEADS ON SAMPLE S/06, S/07 AND S/09

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 C (2003/07/22 Ed.) in the frequency range 0,15 to 30 MHz, for Class B equipment was:

Frequency range (MHz)	Limit (dB μ V)	
	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 C of FCC Rules (2003/07/22 Ed.)

OPERATING MODES OF EUT

Different tested operating modes (OM)

- OM#02: EUT ON. Transmission mode.

TEST RESULTS

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

- OM#02.

CDmmnnxx	Description	Result
CC06020N	Interference voltage on N wire	PASS
CC0602L1	Interference voltage on L1 wire	PASS
CC07020N	Interference voltage on N wire	PASS
CC0702L1	Interference voltage on L1 wire	PASS
CC09020N	Interference voltage on N wire	PASS
CC0901L1	Interference voltage on L1 wire	PASS

3. - RADIATED EMISSION, ELECTROMAGNETIC FIELD ON THE SAMPLE S/01, S/02, S/03, S/04 AND S/05

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 12,5 GHz, for Class B equipment, which is a transmitter in a band over 500 MHz, was:

Frequency range (MHz)	Limit for 3 m (μV/m)	Limit for 3 m (dBμV/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. Idle mode.

TEST RESULTS

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

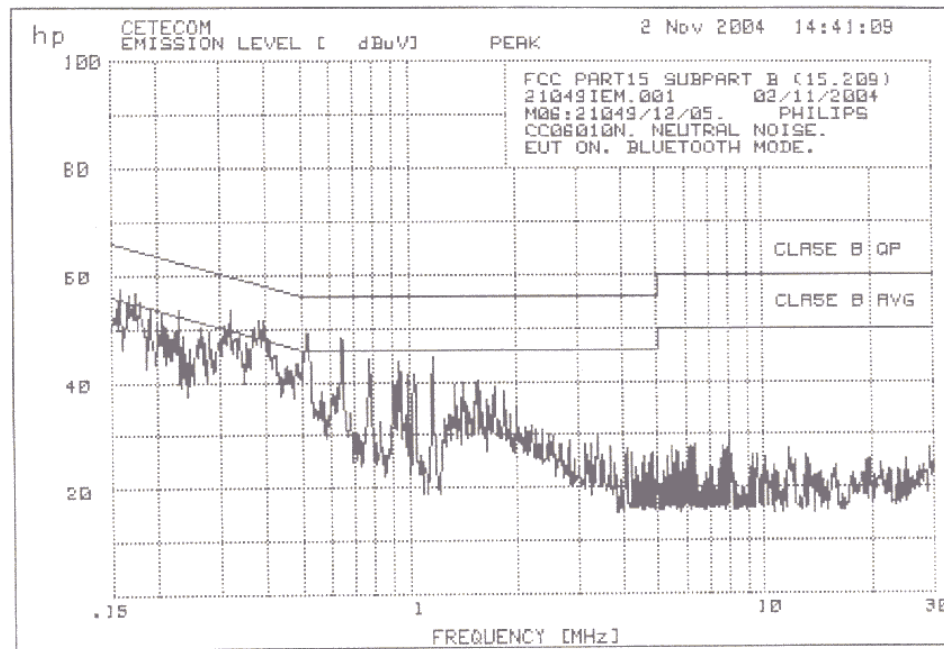
- OM#01.

CRmmnn	Description	Result
CR0101	[30 MHz – 12,5 GHz] Horizontal and Vertical Polarization	PASS
CR0201	[30 MHz – 12,5 GHz] Horizontal and Vertical Polarization	PASS
CR0301	[30 MHz – 12,5 GHz] Horizontal and Vertical Polarization	PASS
CR0401	[30 MHz – 12,5 GHz] Horizontal and Vertical Polarization	PASS
CR0501	[30 MHz – 12,5 GHz] Horizontal and Vertical Polarization	PASS

4. - GRAPH RESULTS

See next pages.

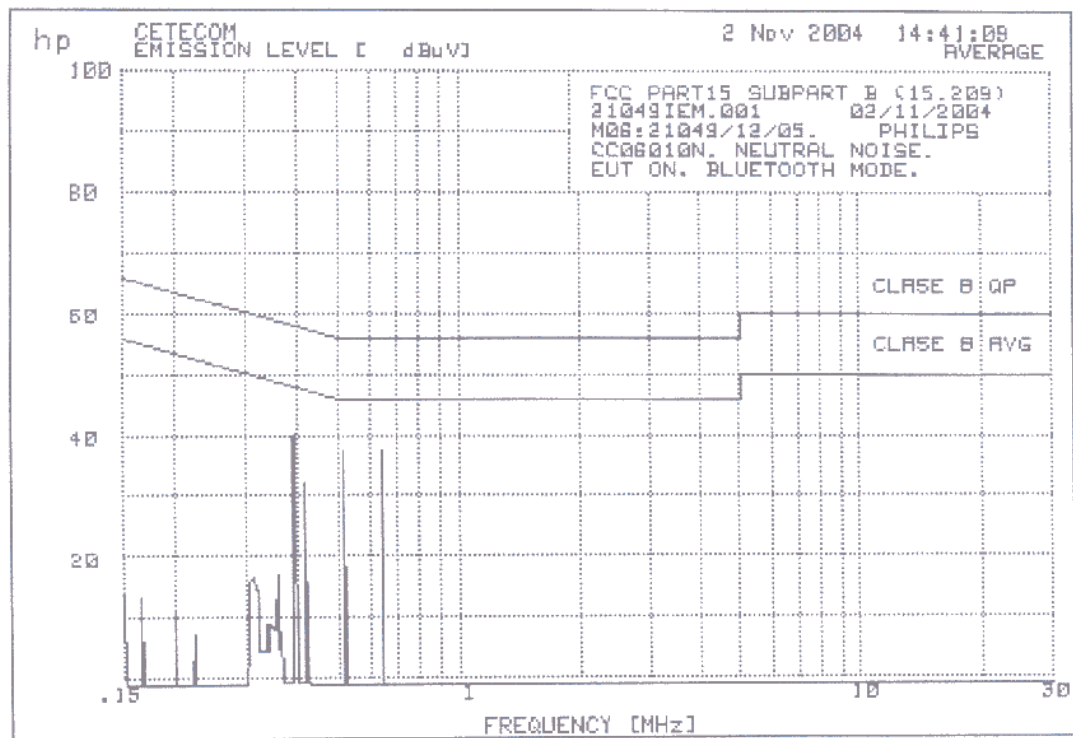
Continuous conducted emission: CC06010N (Peak)



Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.1582	57.4	1.9
2	.1749	56.8	2.1
3	.1924	53.9	0.0
4	.2072	53.1	-.2
5	.2291	53.3	.9
6	.2352	48.5	-3.7
7	.2467	46.4	-5.4
8	.2629	50.4	-.9
9	.2786	49.6	-1.2
10	.3181	53.3	3.6
11	.3951	51.4	3.5
12	.5203	49.1	3.1
13	.6499	48.3	2.3
14	.7739	44.4	-1.6
15	.9071	39.4	-6.6
16	.9216	40.1	-5.9
17	.9364	43.7	-2.3
18	.9463	42	-4.0
19	.9978	41.4	-4.6
20	1.035	41.3	-4.7
21	1.169	44.5	-1.5
22	1.349	39.3	-6.7
23	1.422	39.9	-6.1
24	1.556	40.1	-5.9
25	1.59	38.3	-7.7
26	1.658	36.5	-9.5
27	1.712	37.4	-8.6
28	1.739	39	-7.0

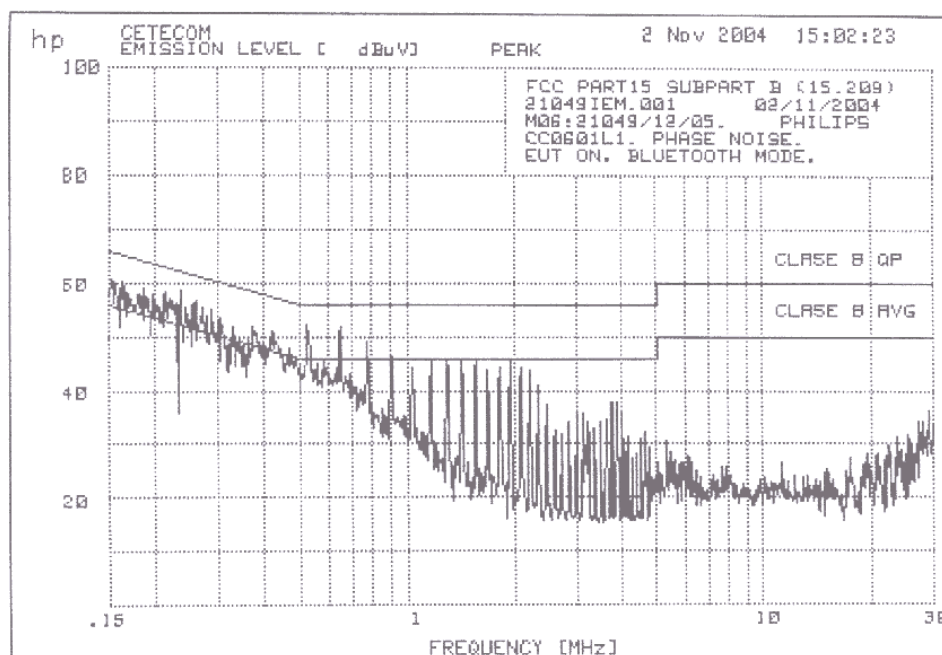
Continuous conducted emission: CC06010N (Average)



Avg Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.3931	40.1	-7.8
2	.5203	37.3	-8.7
3	.6465	37.3	-8.7

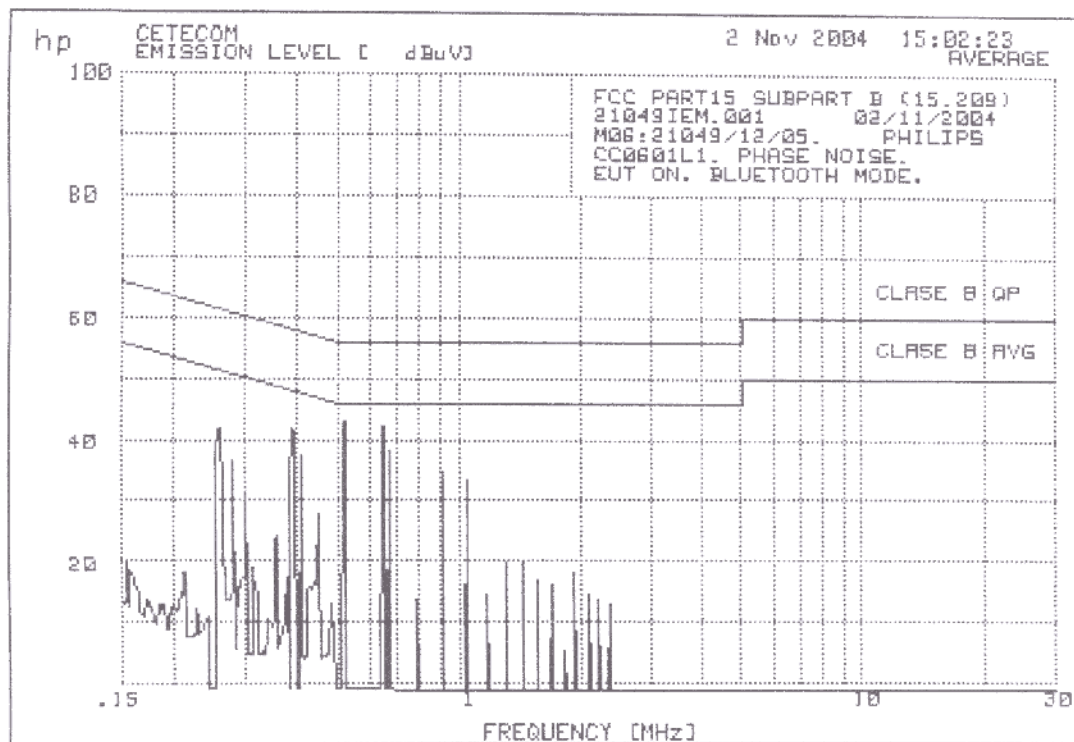
Continuous conducted emission: CC0601L1 (Peak)



Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.1624	60.3	5.0
2	.2161	58.1	5.2
3	.2352	58.5	6.3
4	.2441	55.3	3.4
5	.2587	56.5	5.1
	.2714	55.5	4.5
7	.2876	55	4.5
8	.3049	53.5	3.4
9	.3283	51.8	2.4
10	.3748	51.7	3.4
11	.5287	52.4	6.4
12	.6533	51.8	5.8
13	.778	49	3.0
14	.9071	46.3	.3
15	1.03	44.3	-1.7
16	1.163	45.3	-.7
17	1.293	45.3	-.7
18	1.422	45.3	-.7
19	1.556	45.9	-.1
20	1.685	44	-2.0
21	1.815	44.3	-1.7
22	1.944	45.3	-.7
23	2.082	44.4	-1.6
24	2.196	43.8	-2.2
25	2.315	41.2	-4.8
26	2.454	37.4	-8.6
27	3.747	37.9	-8.1
28	3.889	37.7	-8.3

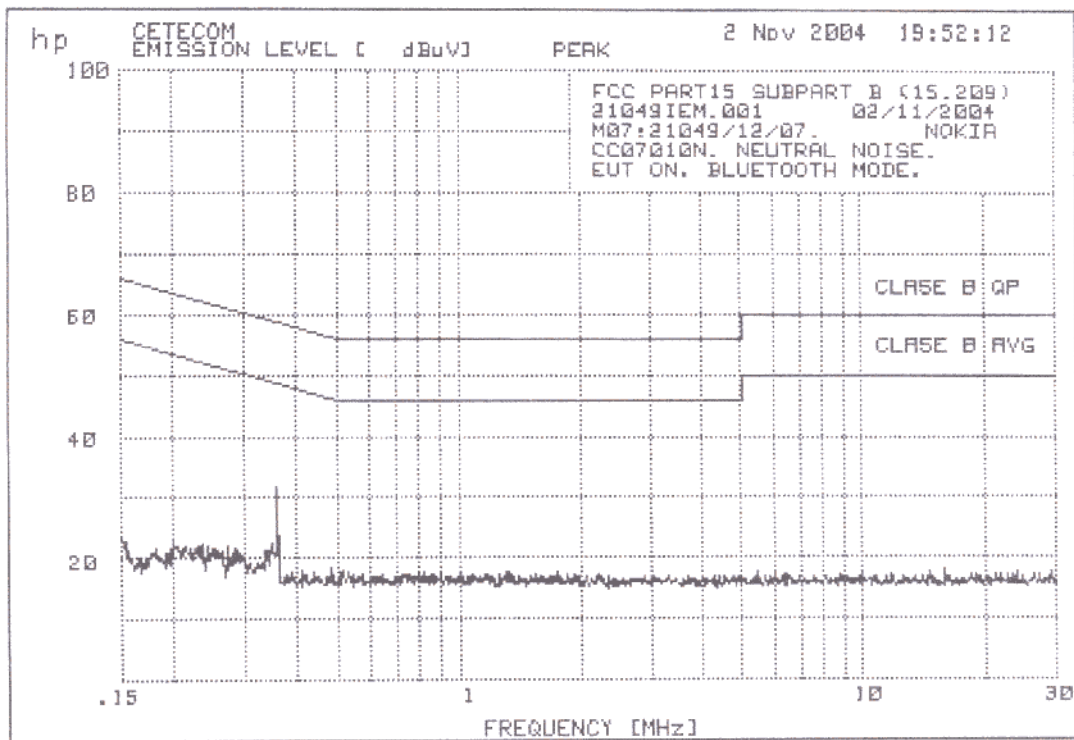
Continuous conducted emission: CC0601L1 (Average)



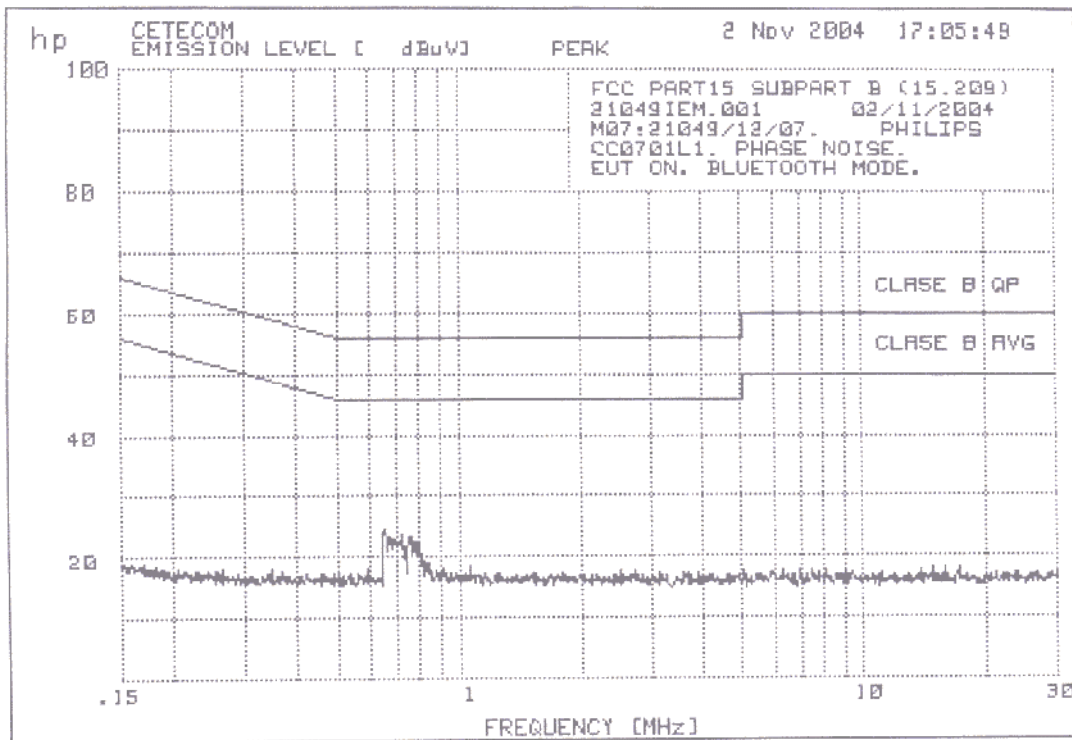
Avg Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.2587	41.8	-9.6
2	.3889	41.7	-6.3
3	.5203	42.9	-3.1
4	.6499	42.4	-3.6
5	.6709	38.3	-7.7

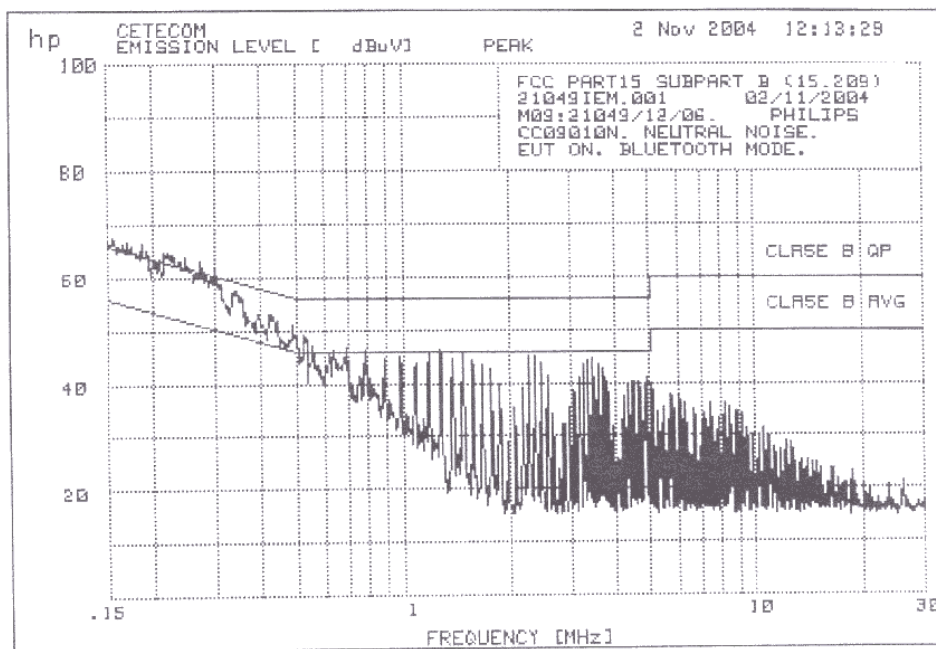
Continuous conducted emission: CC07010N (Peak)



Continuous conducted emission: CC0701L1 (Peak)



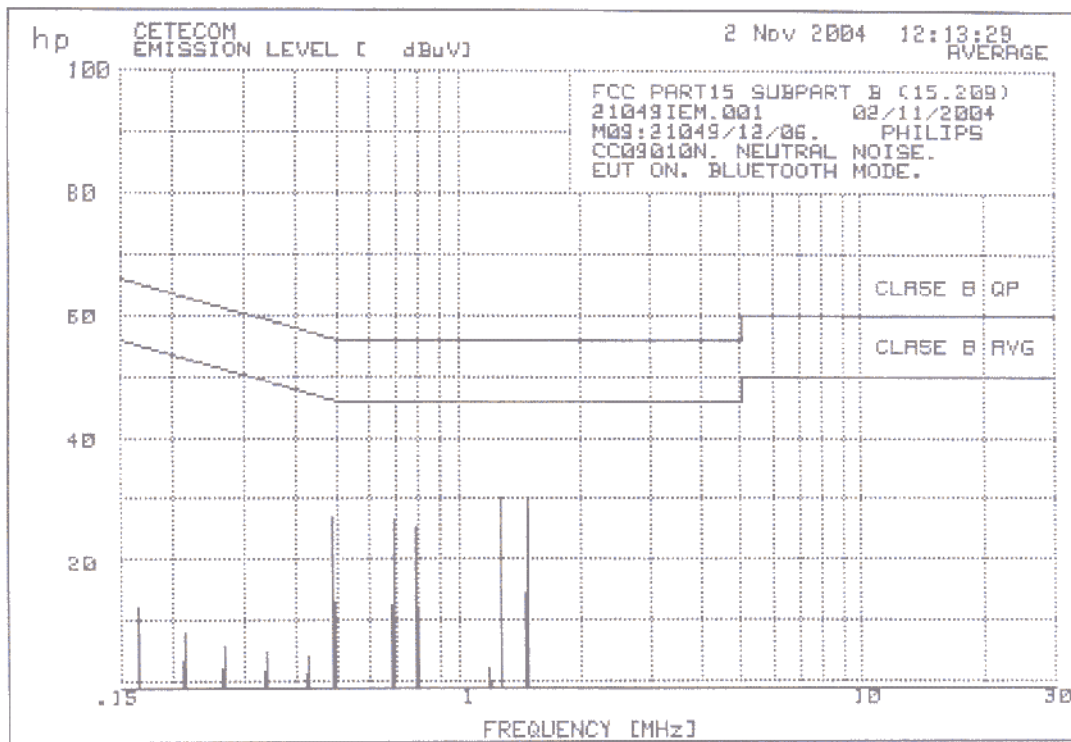
Continuous conducted emission: CC09010N (Peak)



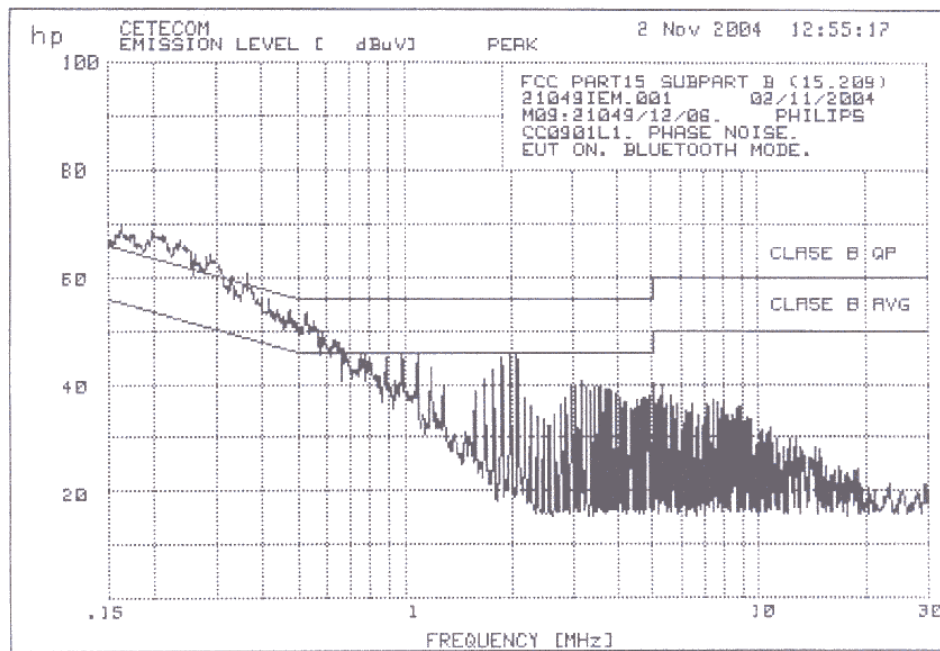
Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.5574	47	1.0
2	.6889	46.7	.7
3	.7863	46.3	.3
4	.8834	44.7	-1.3
5	.9821	45	-1.0
6	1.086	43.7	-2.3
7	1.182	45.8	-.2
8	1.28	46.1	.1
9	1.378	44.7	-1.3
10	1.476	45.3	-.7
11	1.573	44.2	-1.8
12	1.676	43.3	-2.7
13	1.777	42.5	-3.5
14	1.873	39.7	-6.3
15	2.172	39.2	-6.8
16	2.266	45.1	-.9
17	2.364	45.2	-.8
18	2.467	43.8	-2.2
19	2.56	41.6	-4.4
20	3.048	38.8	-7.2
21	3.147	41.1	-4.9
22	3.248	43.6	-2.4
23	3.353	44.2	-1.8
24	3.443	44.5	-1.5
25	3.554	43.5	-2.5
26	3.649	42.7	-3.3
27	3.747	41.2	-4.8
28	3.848	38.1	-7.9

Continuous conducted emission: CC09010N (Average)



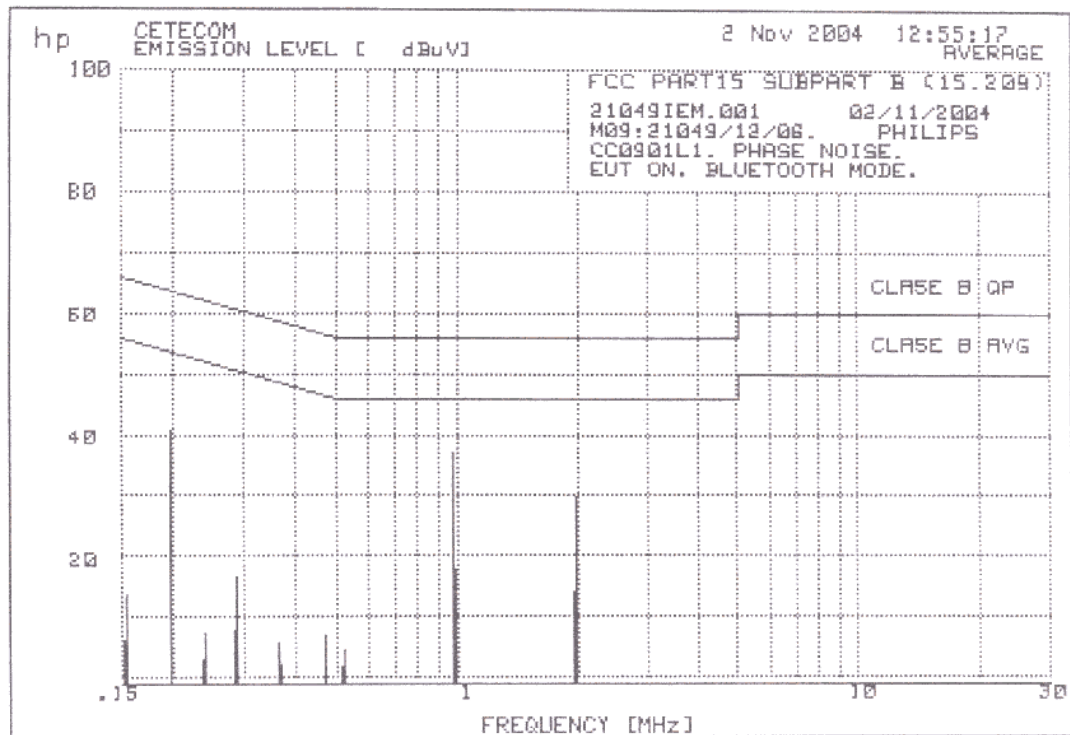
Continuous conducted emission: CC0901L1 (Peak)



Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.6709	46.8	.8
2	.8881	45	-1.0
3	.9821	45.6	-.4
4	1.086	45.4	-.6
5	1.182	42.9	-3.1
6	1.286	39.4	-6.6
7	1.581	38.8	-7.2
8	1.676	41	-5.0
9	1.777	42.7	-3.3
10	1.873	44.9	-1.1
11	1.975	45.7	-.3
12	2.071	45.7	-.3
13	2.172	37.4	-8.6
14	2.757	36.2	-9.8
15	2.846	37.5	-8.5
16	2.953	39.3	-6.7
17	3.048	39.4	-6.6
18	3.147	40.6	-5.4
19	3.248	39.4	-6.6
20	3.353	38.8	-7.2
21	3.443	39.3	-6.7
22	3.535	39.6	-6.4
23	3.649	39.1	-6.9
24	3.767	39	-7.0
25	3.848	38.8	-7.2
26	3.93	38.1	-7.9
27	4.036	37.4	-8.6
28	4.144	36.8	-9.2

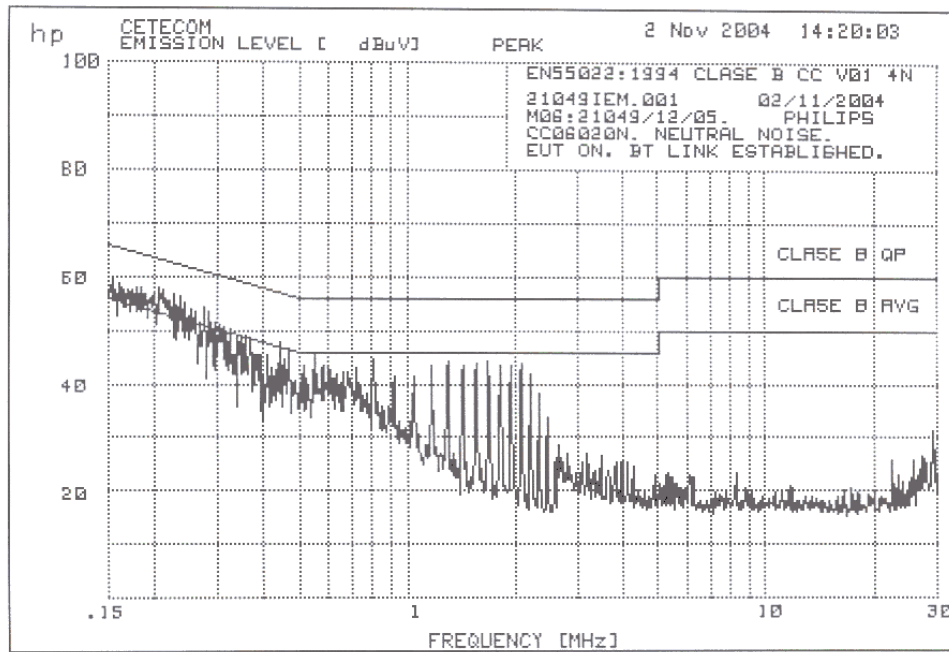
Continuous conducted emission: CC0901L1 (Average)



Avg Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.9821	37	-9.0

Continuous conducted emission: CC06020N (Peak)



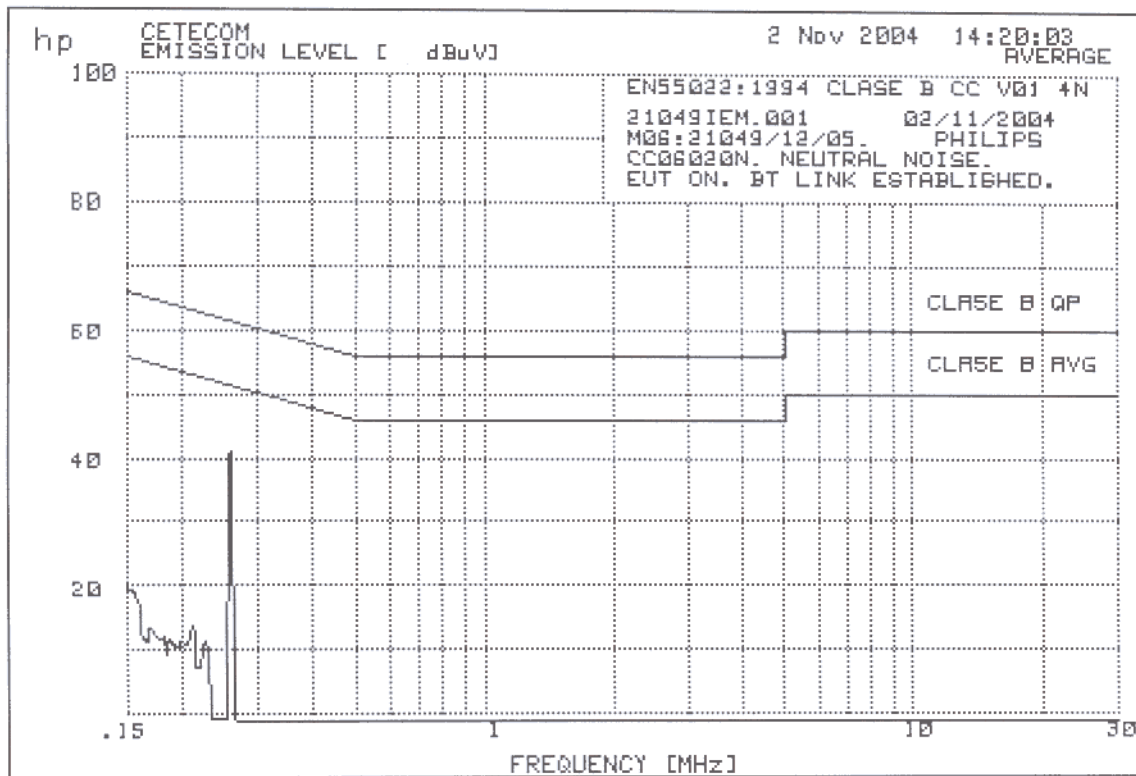
Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.2072	57.7	4.4
2	.2279	56.8	4.3
3	.2352	56.3	4.1
4	.2428	55	3.1
5	.2757	54.1	3.2
6	.2846	53.4	2.8
7	.2938	51.3	.9
8	.3049	51.2	1.1
9	.3164	49.8	0.0
10	.3249	50.1	.6
11	.3462	48.9	-.1
12	.3573	49	.3
13	.3669	48.1	-.4
14	.3788	45.6	-2.7
15	.3951	45.5	-2.4
16	.4101	45.4	-2.2
17	.4211	43.1	-4.3
18	.4463	48	1.1
19	.4559	44.5	-2.2
20	.4731	46.7	.3
21	.5176	43.6	-2.4
22	.5574	46	0.0
23	.5877	43.5	-2.5
24	.6363	41.7	-4.3
25	.6638	42.1	-3.9
26	.7263	42.9	-3.1
27	.8074	44.5	-1.5
28	.9216	41.5	-4.5

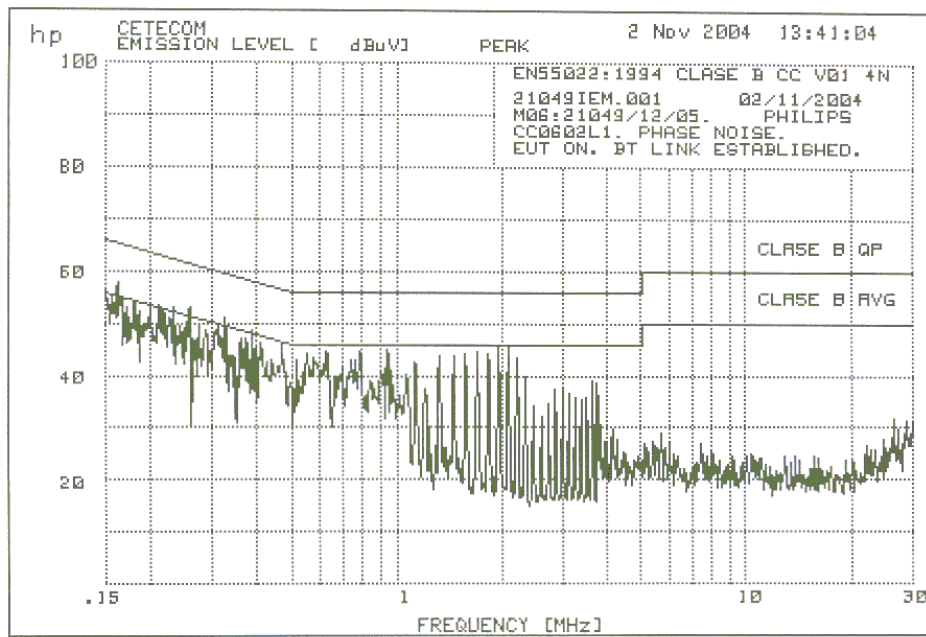
Continuous conducted emission: CC06020N (Peak) (Cont.)

29	1.046	41.6	-4.4
30	1.169	43.5	-2.5
31	1.3	44.2	-1.8
32	1.43	43.5	-2.5
33	1.556	43.9	-2.1
34	1.685	44.1	-1.9
35	1.815	43.4	-2.6
36	1.944	43.6	-2.4
37	2.082	43.8	-2.2
38	2.207	41.9	-4.1
39	2.327	38.3	-7.7

Continuous conducted emission: CC06020N (Average)



Continuous conducted emission: CC0602L1 (Peak)



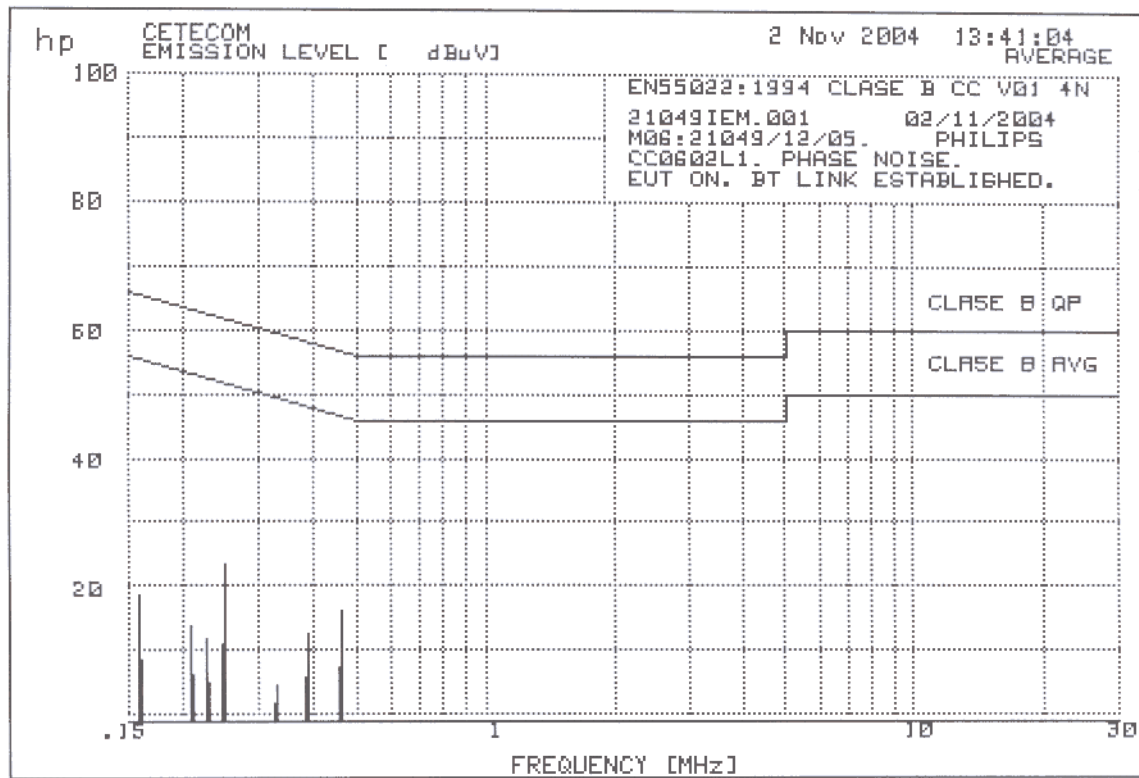
Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.1624	57.9	2.6
2	.1712	53	-1.9
3	.1796	53.9	-.6
4	.2007	53.3	-.2
5	.2105	53.5	.4
	.234	53	.7
7	.2415	49.4	-2.6
8	.2587	52.9	1.5
9	.2643	47	-4.2
10	.2742	49.4	-1.5
11	.2861	48.8	-1.8
12	.3114	49.5	-.4
13	.3266	51	1.5
14	.3301	49.2	-.2
15	.3336	44	-5.3
16	.348	43.5	-5.5
17	.3728	47.2	-1.2
18	.3768	46.3	-2.0
19	.3869	48.5	.4
20	.3994	45.8	-2.0
21	.4122	46.4	-1.2
22	.4706	46.4	-.1
23	.5203	42.9	-3.1
24	.6296	44.8	-1.2
25	.6999	41.6	-4.4
26	.7863	44.6	-1.4
27	.9216	41.3	-4.7
28	.9413	44.9	-1.1

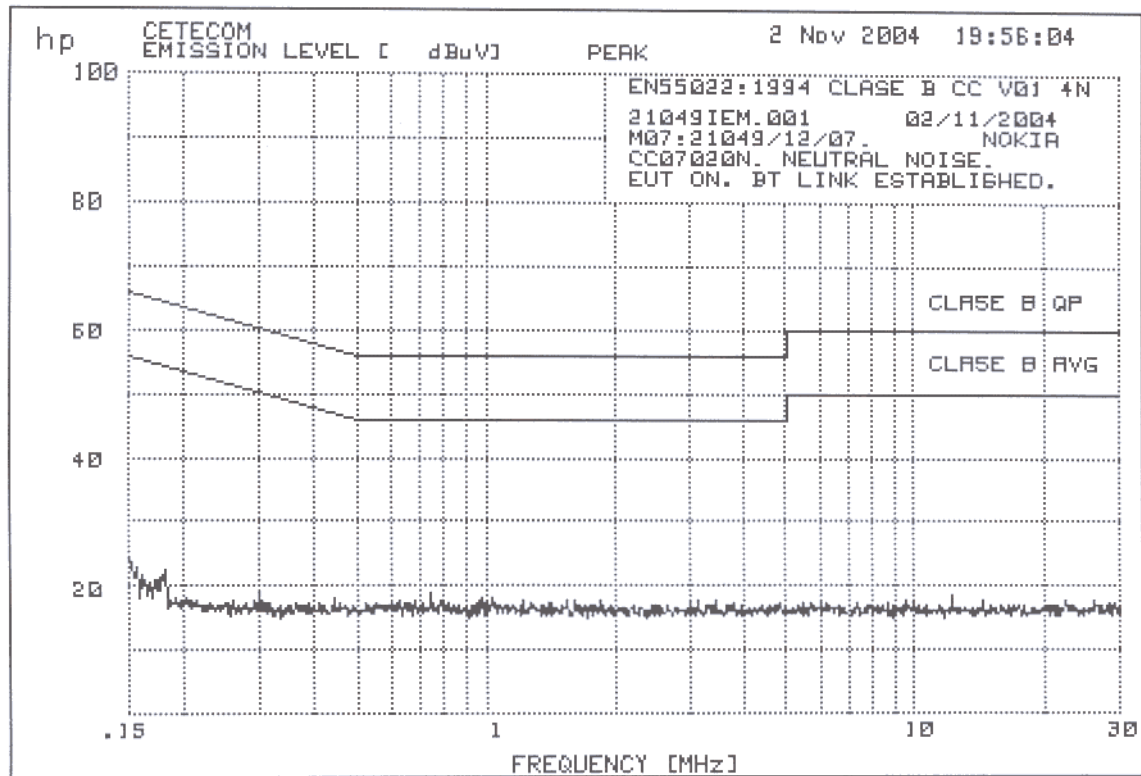
Continuous conducted emission: CC0602L1 (Peak) (Cont.)

29	.9666	40.9	-5.1
30	1.063	40.3	-5.7
31	1.127	42.6	-3.4
32	1.201	37.5	-8.5
33	1.321	43.7	-2.3
34	1.453	43.9	-2.1
35	1.573	44.2	-1.8
36	1.703	44.8	-1.2
37	1.824	44.4	-1.6
38	1.954	45.3	-.7
39	2.082	45.3	-.7
40	2.219	43.6	-2.4
41	2.327	39.8	-6.2
42	2.846	37.3	-8.7
43	2.969	37.7	-8.3
44	3.097	36.5	-9.5
45	3.63	39.1	-6.9
46	3.747	38.5	-7.5

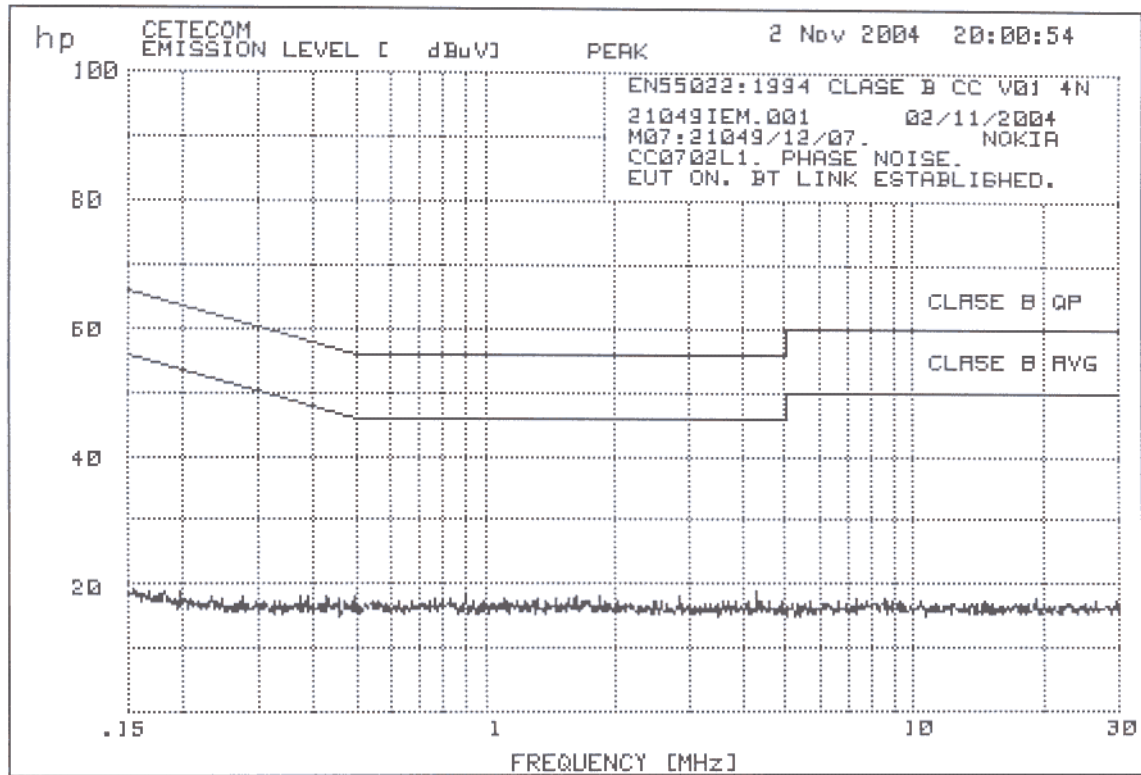
Continuous conducted emission: CC0602L1 (Average)



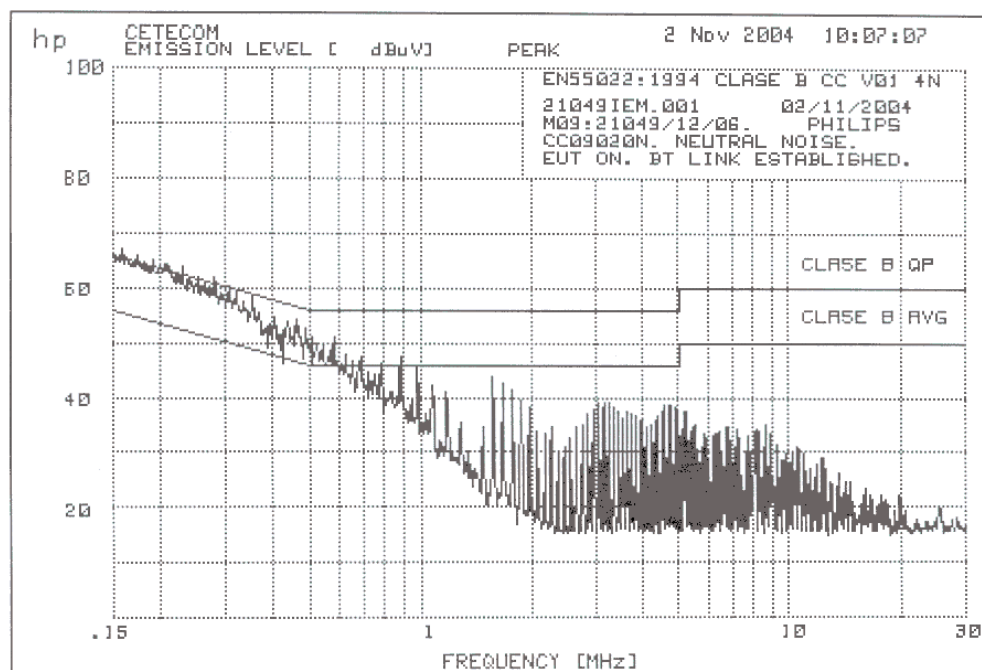
Continuous conducted emission: CC07020N (Peak)



Continuous conducted emission: CC0702L1 (Peak)



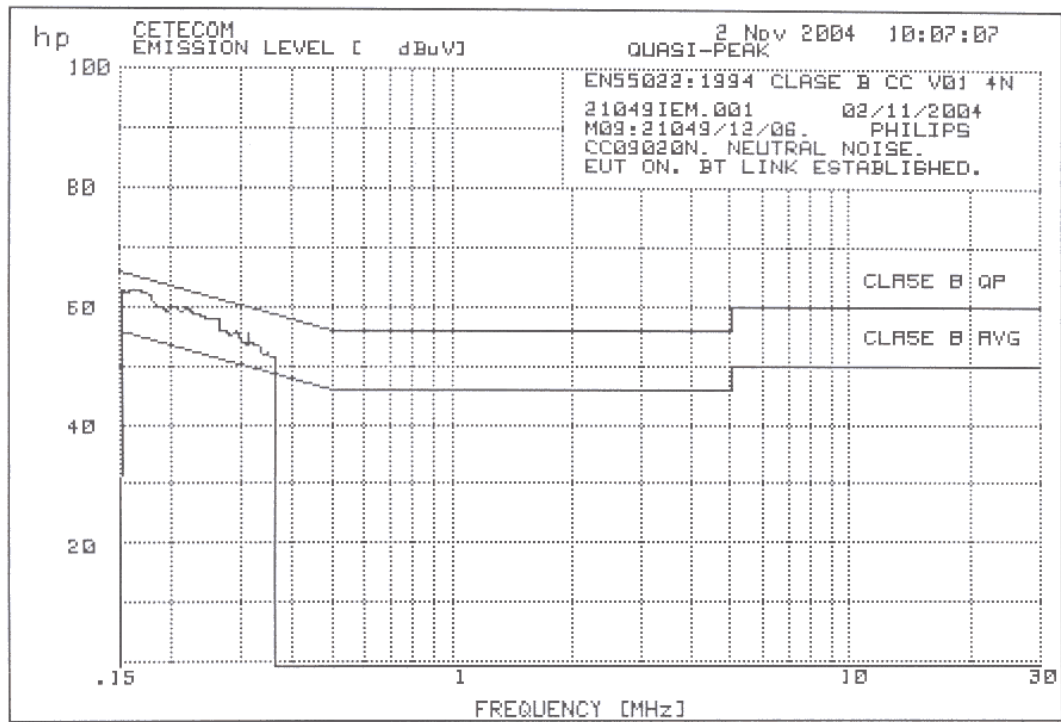
Continuous conducted emission: CC09020N (Peak)



Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.4631	54.1	7.5
2	.6925	47.3	1.3
3	.7822	46.1	.1
4	.8834	47.3	1.3
5	.9821	45.6	-.4
6	1.08	42.1	-3.9
7	1.176	41	-5.0
8	1.573	43.8	-2.2
9	1.676	42.5	-3.5
10	1.767	41.6	-4.4
11	1.863	39.5	-6.5
12	1.965	38.2	-7.8
13	2.846	36.9	-9.1
14	2.938	37.8	-8.2
15	3.048	38.9	-7.1
16	3.147	39.1	-6.9
17	3.231	39.2	-6.8
18	3.335	38.4	-7.6
19	3.425	37.5	-8.5
20	3.535	36.2	-9.8
21	3.63	37.3	-8.7
22	3.728	37	-9.0
23	3.827	36.7	-9.3
24	4.416	36.8	-9.2
25	4.51	37.5	-8.5
26	4.606	38.5	-7.5
27	4.705	38.5	-7.5
28	4.806	38.5	-7.5

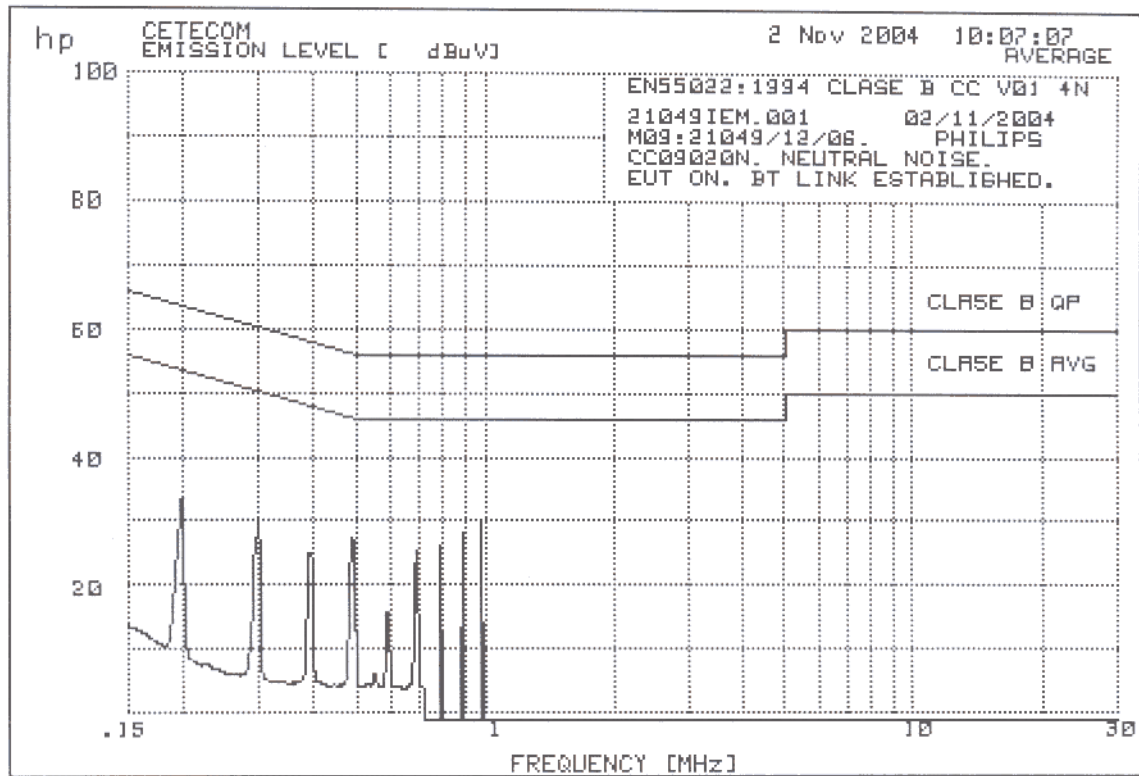
Continuous conducted emission: CC09020N (Cuasi-Peak)



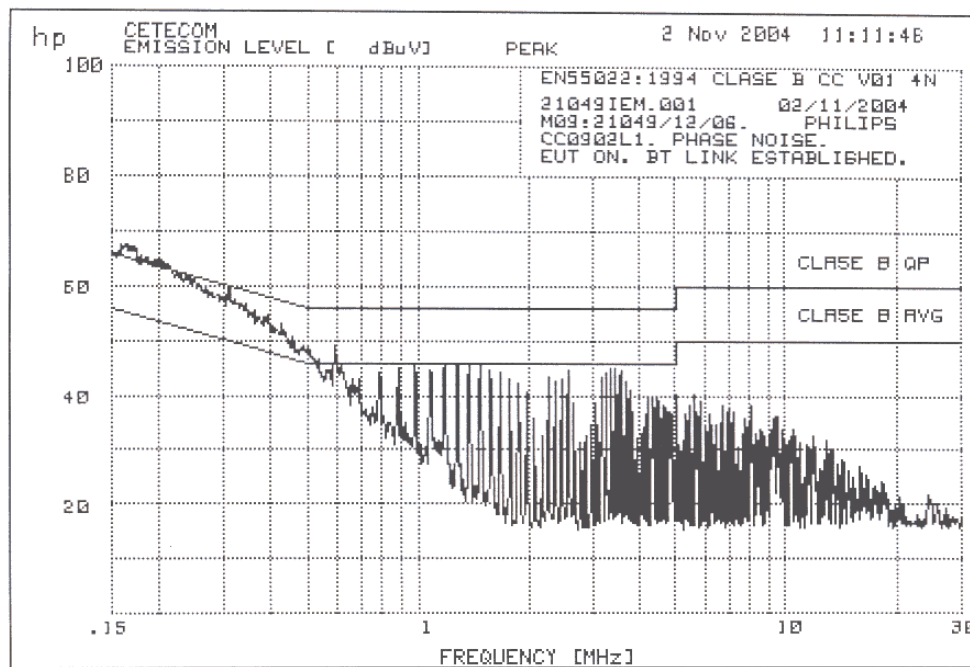
Quasi-Peaks above -10 dB of Limit Line #1
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.1615	62.8	-2.5

Continuous conducted emission: CC09020N (Average)



Continuous conducted emission: CC0902L1 (Peak)



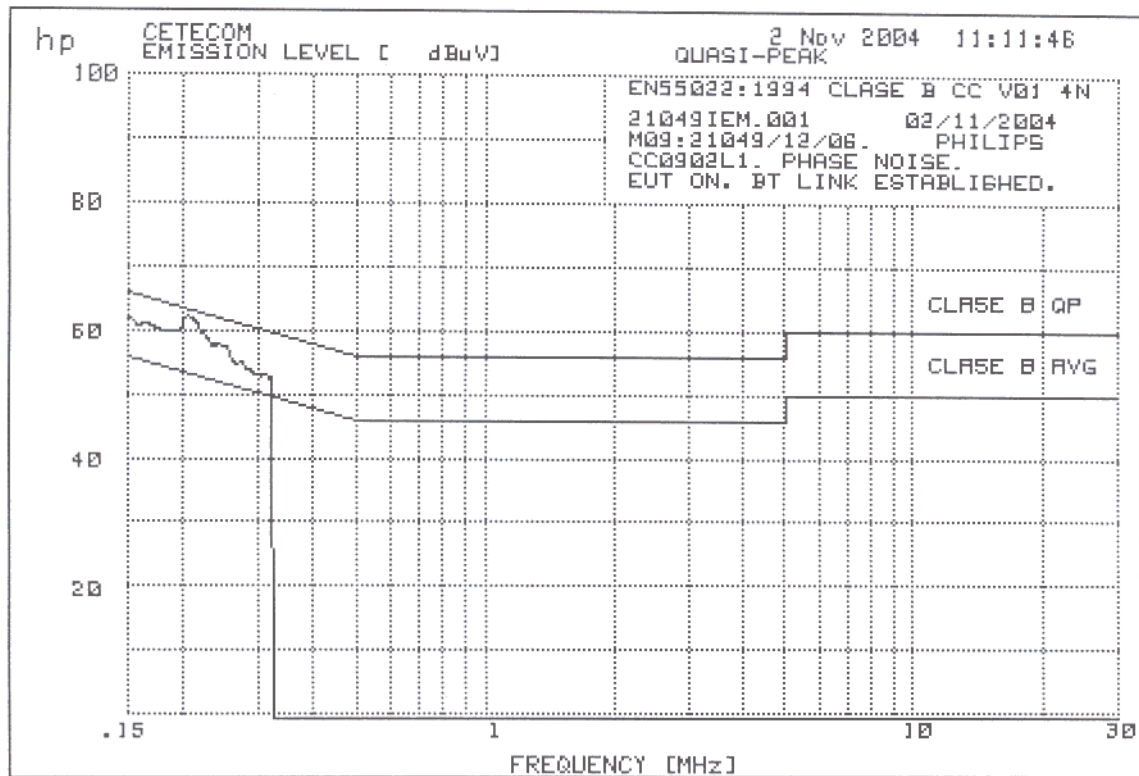
Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.5971	49.1	3.1
2	.7863	44.4	-1.6
3	.8834	45.1	-.9
4	.9821	45.6	-.4
5	1.08	44.8	-1.2
	1.182	45.4	-.6
7	1.28	45.8	-.2
8	1.378	45.7	-.3
9	1.476	45.8	-.2
10	1.573	44.6	-1.4
11	1.676	44.4	-1.6
12	1.777	42.9	-3.1
13	1.873	42.2	-3.8
14	1.975	40.6	-5.4
15	2.254	43.3	-2.7
16	2.352	42.7	-3.3
17	2.454	42.9	-3.1
18	2.56	44.6	-1.4
19	2.656	38.5	-7.5
20	3.048	38.6	-7.4
21	3.147	43.3	-2.7
22	3.248	44.3	-1.7
23	3.353	45.2	-.8
24	3.443	45	-1.0
25	3.554	44.7	-1.3
26	3.649	42.7	-3.3
27	3.767	40.9	-5.1
28	3.848	37.2	-8.8

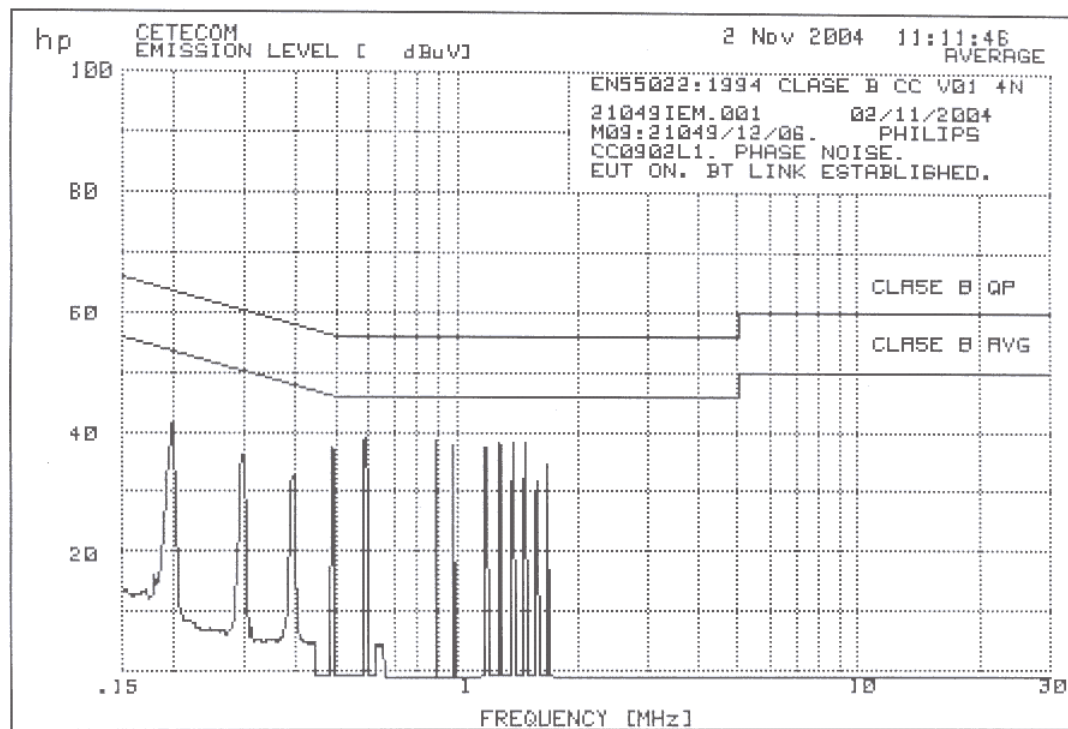
Continuous conducted emission: CC0902L1 (Peak) (Cont.)

29	4.144	36.6	-9.4
30	4.232	39.3	-6.7
31	4.323	40	-6.0
32	4.439	39.7	-6.3
33	4.534	39	-7.0
34	4.631	38.3	-7.7
35	4.73	37.8	-8.2
36	4.806	37.1	-8.9
37	4.935	36.7	-9.3
38	5.04	40.3	-9.7
39	5.603	40.2	-9.8

Continuous conducted emission: CC0902L1 (Cuasi-Peak)



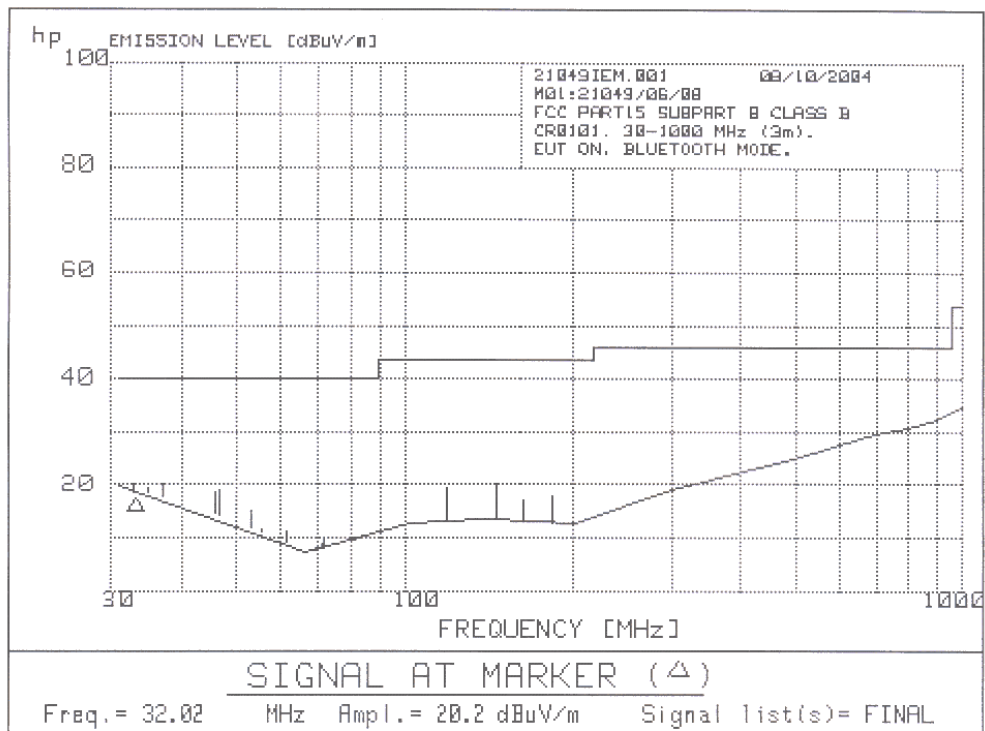
Continuous conducted emission: CC0902L1 (Average)



Avg Peaks above -10 dB of Limit Line #2
peak criteria = 6 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.4909	37.3	-8.8
2	.594	38.9	-7.1
3	.8881	38.7	-7.3
4	.9821	37.7	-8.3
5	1.182	37.4	-8.6
6	1.28	38.4	-7.6
7	1.378	38.3	-7.7
8	1.476	38.2	-7.8

Radiated emission: CR0101 (30 MHz – 12.5 GHz)



PRODUCT EMISSIONS

21049IEM.001 08/10/2004 Data File: CR0101 8 Sep 2004 14:34

No	EMISSION	SPEC	MEASUREMENTS			SITE			CORR	COMMENTS
	FREQUENCY MHz		ABS	dLIM	MODE	POL	HGT cm	AZM deg		
		LIMIT dBuV/m		dB					FACTOR dB	
1	32.02	40.0	20.2	-19.8	PK	H	250	1	N/T	
2	34.07	40.0	19.3	-20.7	PK	H	250	90	N/T	
	36.01	40.0	20.4	-19.6	PK	V	250	90	N/T	
4	39.16	40.0	16.5	-23.5	PK	H	250	1	N/T	
5	44.83	40.0	18.8	-21.2	PK	V	250	1	N/T	
6	45.49	40.0	19.2	-20.8	PK	V	250	90	N/T	
7	52.07	40.0	15.0	-25.0	PK	V	250	1	N/T	
8	54.05	40.0	11.6	-28.4	PK	V	250	90	N/T	
9	56.06	40.0	10.0	-30.0	PK	V	250	90	N/T	
10	60.09	40.0	11.4	-28.6	PK	V	250	90	N/T	
11	68.03	40.0	8.0	-32.0	PK	V	250	1	N/T	
12	69.52	40.0	8.8	-31.2	PK	H	250	90	N/T	
13	70.02	40.0	9.6	-30.4	PK	V	250	1	N/T	
14	73.49	40.0	7.6	-32.4	PK	V	250	1	N/T	
15	74.03	40.0	7.3	-32.7	PK	H	250	1	N/T	
16	74.57	40.0	7.8	-32.2	PK	V	250	1	N/T	
17	76.09	40.0	7.6	-32.4	PK	H	250	90	N/T	
18	77.50	40.0	7.5	-32.5	PK	V	250	1	N/T	
19	80.10	40.0	10.1	-29.9	PK	V	250	90	N/T	
20	84.08	40.0	9.3	-30.7	PK	H	250	90	N/T	
21	117.08	44.0	19.3	-24.7	PK	H	250	90	N/T	
22	143.06	44.0	20.1	-23.9	PK	V	250	1	N/T	
23	160.10	44.0	16.9	-27.1	PK	H	250	90	N/T	
24	180.90	44.0	17.9	-26.1	PK	H	250	90	N/T	

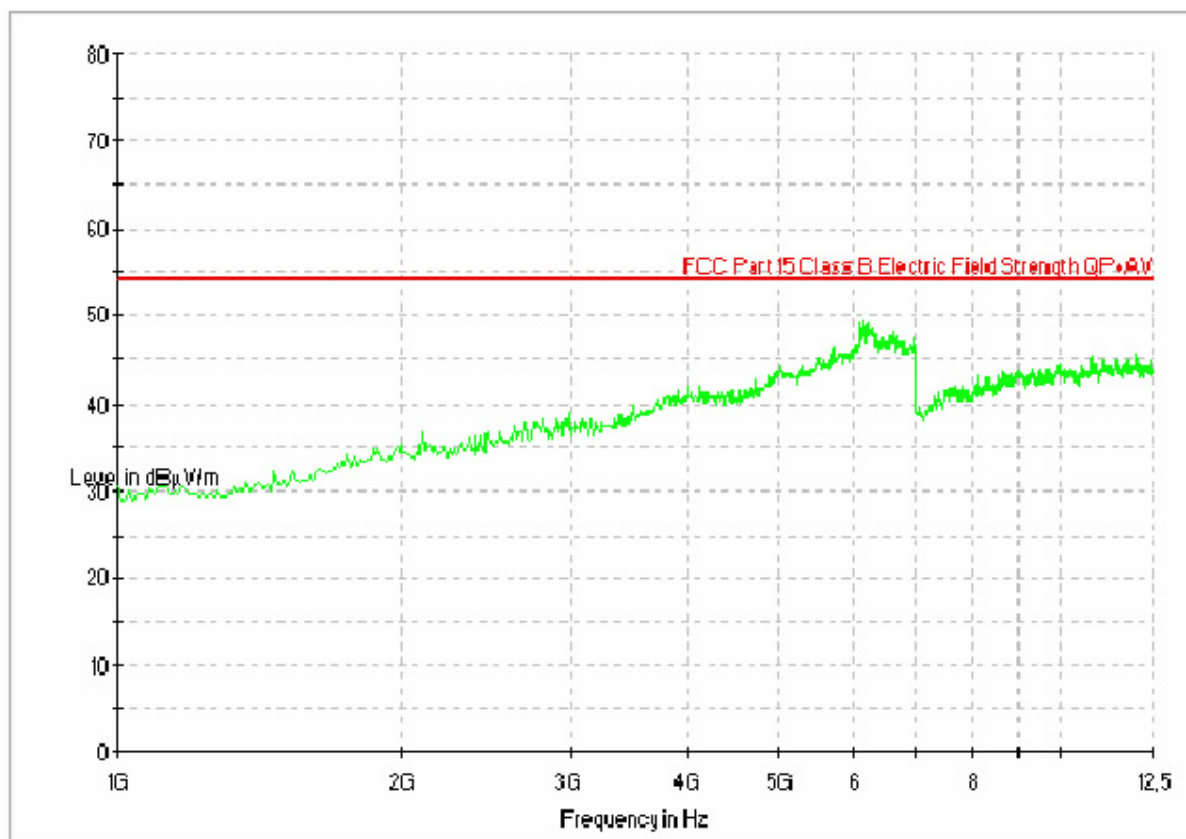
Radiated emission: CR0101 (30 MHz – 12,5 GHz) Horizontal Polarization

EMC32 Report

Test Information

Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/01
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

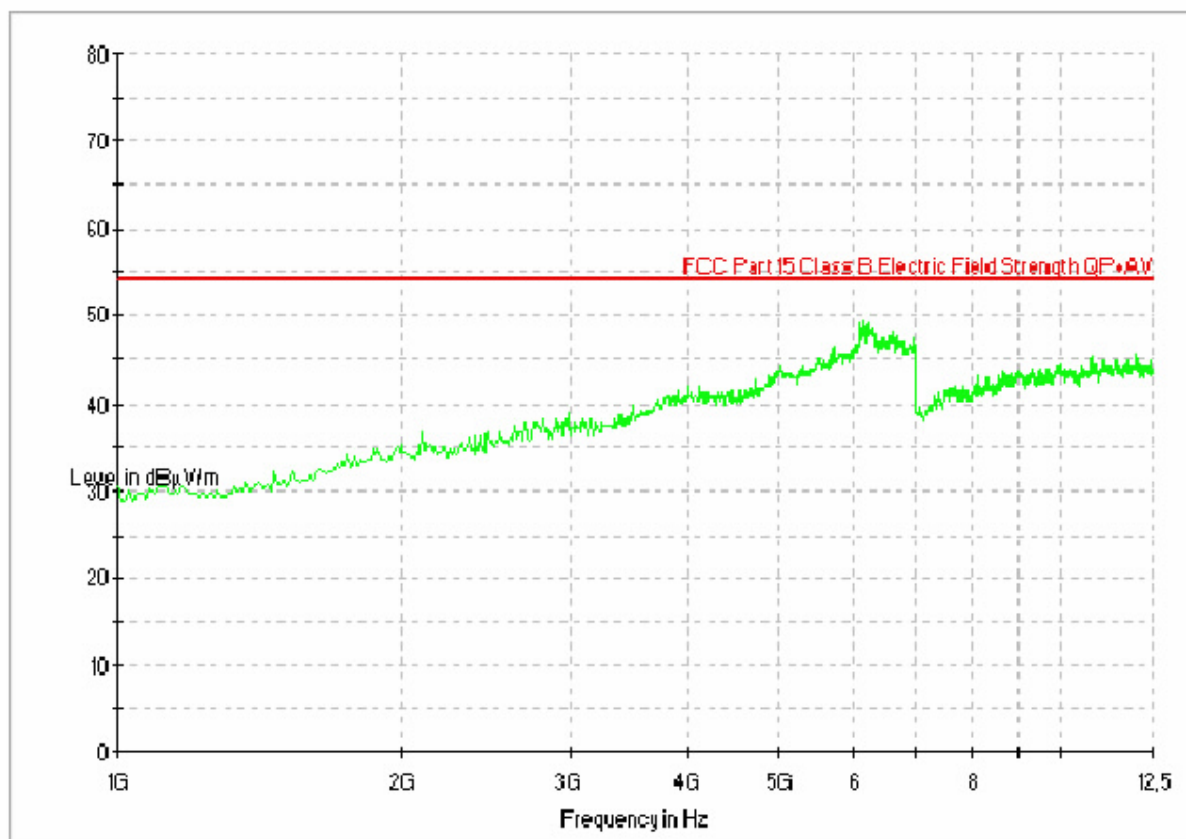
Radiated emission: CR0101 (30 MHz – 12,5 GHz) Vertical Polarization

EMC32 Report

Test Information

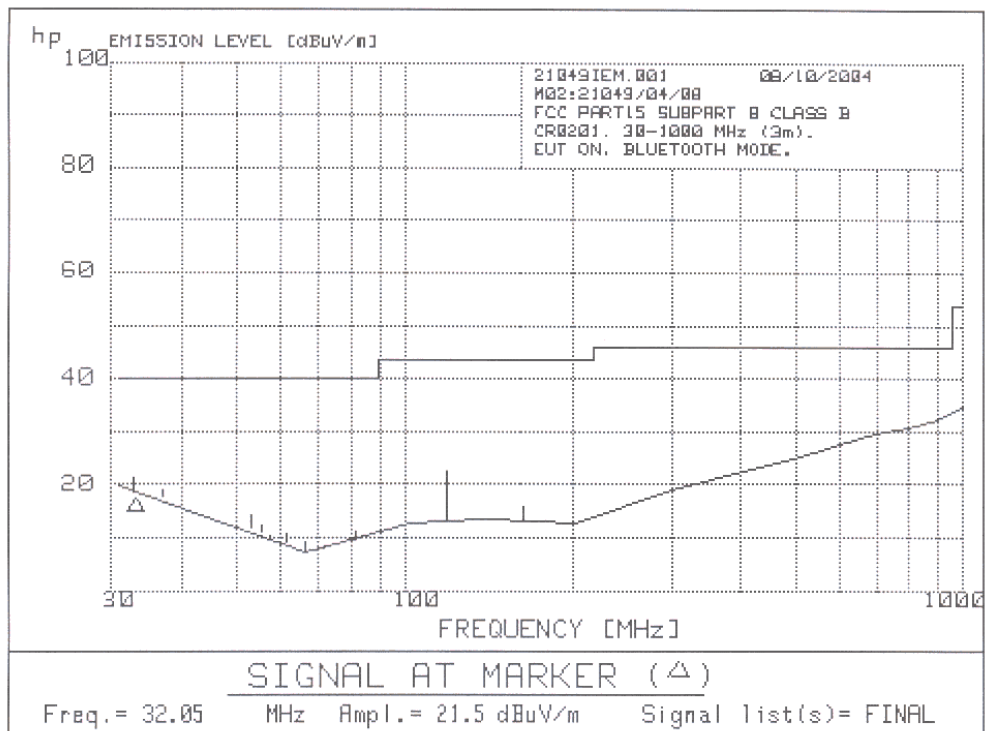
Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/01
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

Radiated emission: CR0201 (30 MHz – 12.5 GHz)



PRODUCT EMISSIONS

21049IEM.001 08/10/2004 Data File: CR0201 8 Sep 2004 15:10

No	EMISSION FREQUENCY MHz	SPEC LIMIT dBuV/m	MEASUREMENTS			SITE			CORR FACTOR dB	COMMENTS
			ABS	dLIM	MODE	POL	HGT cm	AZM deg		
1	32.05	40.0	21.5	-18.5	PK	V	250	90	N/T	
	36.01	40.0	19.2	-20.8	PK	V	250	90	N/T	
3	39.16	40.0	16.5	-23.5	PK	V	250	1	N/T	
4	50.10	40.0	12.7	-27.3	PK	V	250	90	N/T	
5	52.07	40.0	14.5	-25.5	PK	V	250	90	N/T	
6	54.09	40.0	12.5	-27.5	PK	V	250	1	N/T	
7	56.06	40.0	10.6	-29.4	PK	V	250	1	N/T	
8	57.20	40.0	8.5	-31.5	PK	V	250	1	N/T	
9	60.09	40.0	10.9	-29.1	PK	H	250	90	N/T	
10	65.07	40.0	9.4	-30.6	PK	V	250	90	N/T	
11	68.03	40.0	7.6	-32.4	PK	V	250	90	N/T	
12	68.58	40.0	7.1	-32.9	PK	H	250	1	N/T	
13	68.94	40.0	7.3	-32.7	PK	V	250	90	N/T	
14	70.02	40.0	8.6	-31.4	PK	V	250	90	N/T	
15	73.53	40.0	8.2	-31.8	PK	H	250	90	N/T	
16	74.03	40.0	7.3	-32.7	PK	V	250	1	N/T	
17	74.57	40.0	8.2	-31.8	PK	V	250	1	N/T	
18	76.06	40.0	8.2	-31.8	PK	H	250	90	N/T	
19	77.07	40.0	7.9	-32.1	PK	H	250	90	N/T	
20	80.10	40.0	11.1	-28.9	PK	H	250	90	N/T	
21	81.55	40.0	9.2	-30.8	PK	V	250	90	N/T	
22	84.08	40.0	9.0	-31.0	PK	H	250	1	N/T	
23	117.08	44.0	22.7	-21.3	PK	V	250	1	N/T	
24	160.10	44.0	15.8	-28.2	PK	V	250	1	N/T	

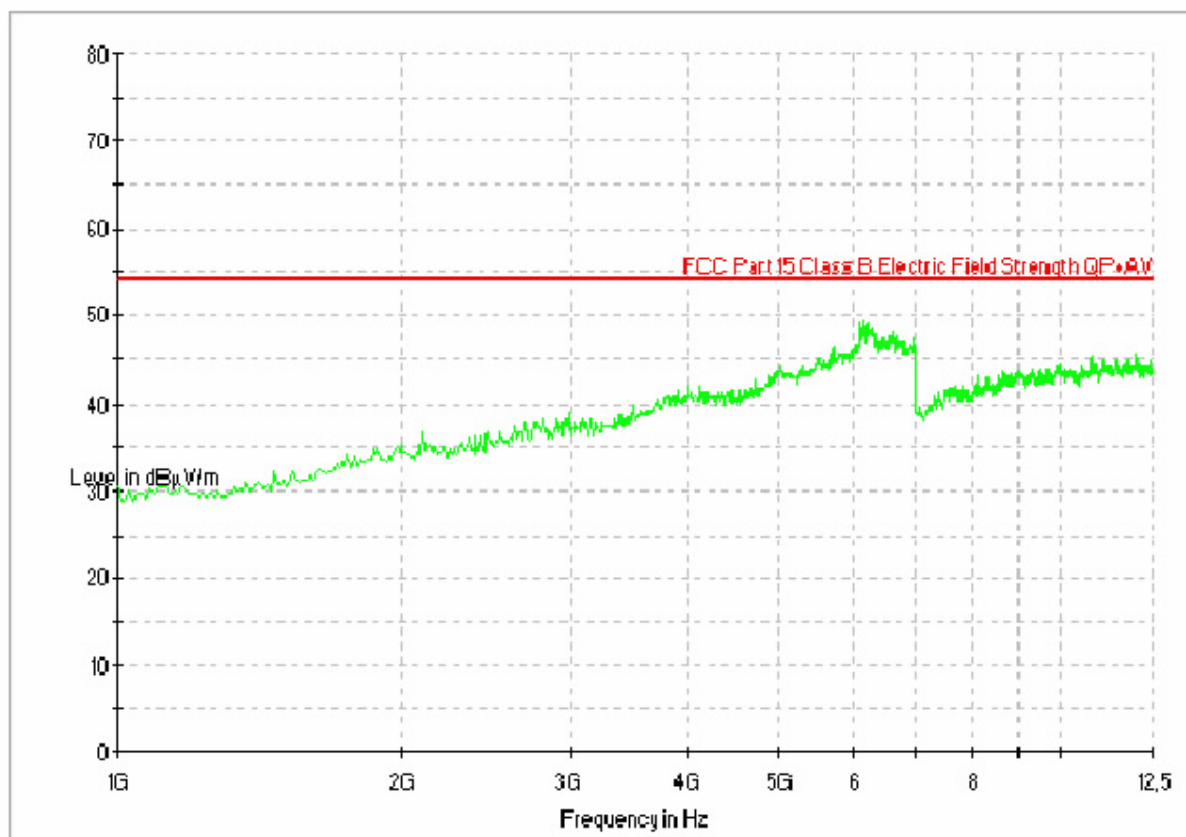
Radiated emission: CR0201 (30 MHz – 12,5 GHz) Horizontal Polarization

EMC32 Report

Test Information

Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/02
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

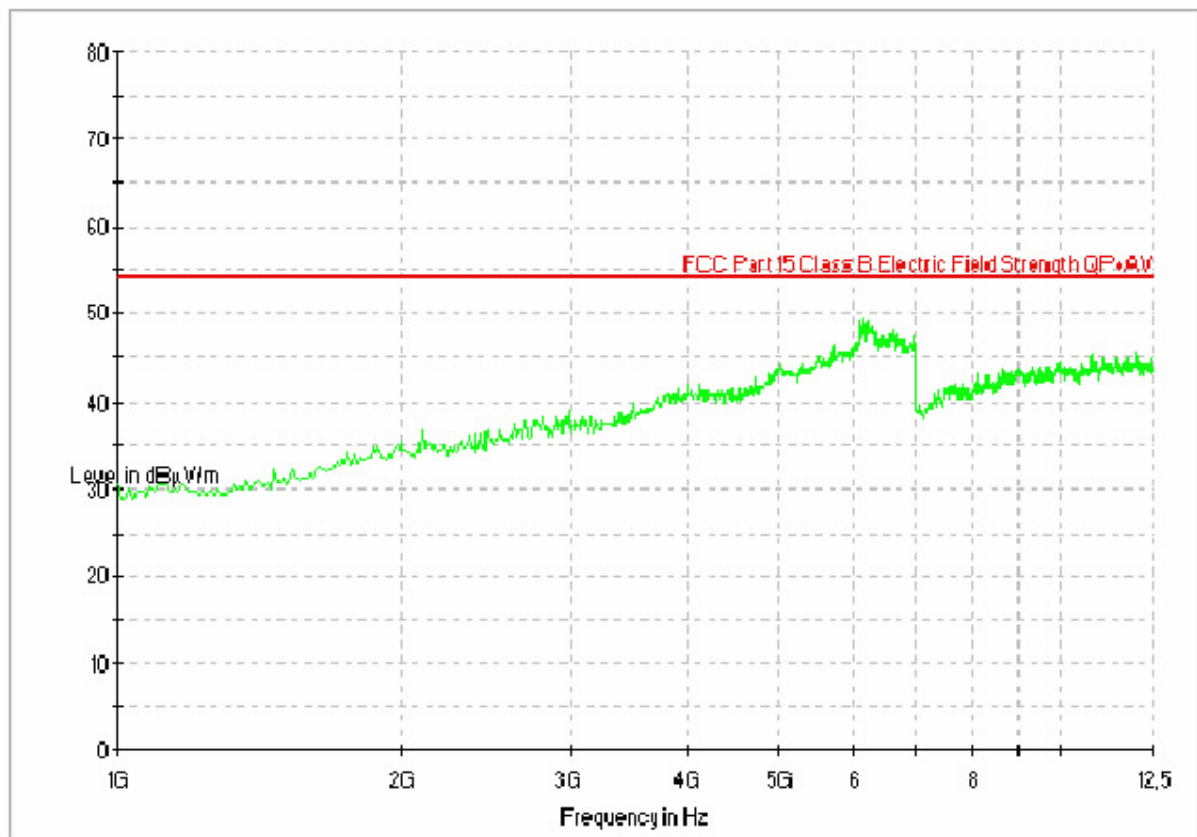
Radiated emission: CR0201 (30 MHz – 12,5 GHz) Vertical Polarization

EMC32 Report

Test Information

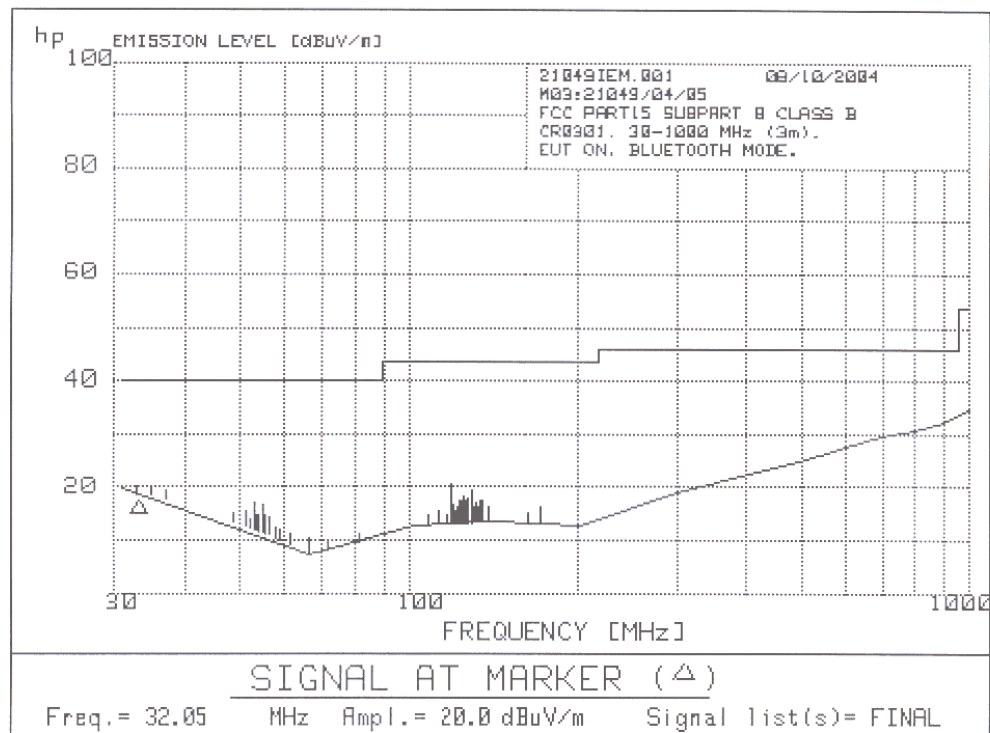
Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/02
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

Radiated emission: CR0301 (30 MHz – 12,5 GHz)



PRODUCT EMISSIONS

21049IEM.001 08/10/2004 Data File: CR0301 (FCC) 8 Sep 1994 16:30

No	EMISSION	SPEC	MEASUREMENTS			SITE			CORR	COMMENTS
	FREQUENCY MHz	LIMIT dBuV/m	ABS	dLIM	MODE	POL	HGT cm	AZM deg	FACTOR dB	
1	32.05	40.0	20.0	-20.0	PK	H	250	1	N/T	
2	33.99	40.0	19.9	-20.1	PK	V	250	90	N/T	
	36.04	40.0	19.6	-20.4	PK	V	250	90	N/T	
4	39.16	40.0	16.6	-23.4	PK	H	250	1	N/T	
5	41.50	40.0	14.5	-25.5	PK	H	250	90	N/T	
6	45.08	40.0	14.4	-25.6	PK	V	250	90	N/T	
7	47.46	40.0	15.1	-24.9	PK	V	250	90	N/T	
8	50.06	40.0	15.7	-24.3	PK	V	250	90	N/T	
9	51.05	40.0	14.1	-25.9	PK	V	250	90	N/T	
10	51.78	40.0	16.9	-23.1	PK	V	250	1	N/T	
11	52.11	40.0	14.9	-25.1	PK	V	250	90	N/T	
12	52.77	40.0	14.9	-25.1	PK	V	250	90	N/T	
13	53.65	40.0	16.7	-23.3	PK	V	250	1	N/T	
14	53.98	40.0	14.7	-25.3	PK	V	250	90	N/T	
15	54.12	40.0	10.7	-29.3	PK	H	250	90	N/T	
16	54.89	40.0	14.2	-25.8	PK	V	250	90	N/T	
17	56.03	40.0	9.9	-30.1	PK	H	250	90	N/T	
18	56.69	40.0	12.3	-27.7	PK	V	250	1	N/T	
19	57.60	40.0	12.0	-28.0	PK	V	250	1	N/T	
20	60.09	40.0	11.4	-28.6	PK	V	250	90	N/T	
21	63.27	40.0	6.3	-33.7	PK	V	250	90	N/T	
22	65.07	40.0	10.3	-29.7	PK	V	250	90	N/T	
23	68.03	40.0	7.9	-32.1	PK	V	250	1	N/T	
24	69.52	40.0	7.3	-32.7	PK	H	250	90	N/T	

Radiated emission: CR0301 (30 MHz – 12,5 GHz) (Cont.)

25	70.02	40.0	9.6	-30.4	PK	V	250	90	N/T
26	73.49	40.0	6.8	-33.2	PK	V	250	1	N/T
27	74.61	40.0	8.3	-31.7	PK	V	250	90	N/T
28	76.09	40.0	8.7	-31.3	PK	H	250	1	N/T
29	77.50	40.0	7.0	-33.0	PK	H	250	90	N/T
30	80.07	40.0	11.2	-28.8	PK	V	250	1	N/T
31	80.39	40.0	7.8	-32.2	PK	H	250	90	N/T
32	84.08	40.0	9.7	-30.3	PK	H	250	90	N/T
33	106.62	43.5	14.8	-28.7	PK	V	250	90	N/T
34	111.13	43.5	15.3	-28.2	PK	V	250	1	N/T
35	115.22	43.5	14.9	-28.6	PK	V	250	90	N/T
36	117.08	43.5	20.6	-22.9	PK	H	250	90	N/T
37	117.61	43.5	16.6	-26.9	PK	V	250	1	N/T
38	118.62	43.5	15.6	-27.9	PK	V	250	1	N/T
39	120.05	43.5	16.5	-27.0	PK	V	250	1	N/T
40	120.51	43.5	17.5	-26.0	PK	V	250	1	N/T
41	121.59	43.5	17.2	-26.3	PK	V	250	90	N/T
42	122.02	43.5	17.3	-26.2	PK	V	250	1	N/T
43	122.30	43.5	15.8	-27.7	PK	V	250	90	N/T
44	123.09	43.5	17.6	-25.9	PK	V	250	90	N/T
45	123.45	43.5	18.1	-25.4	PK	V	250	1	N/T
46	123.81	43.5	16.5	-27.0	PK	V	250	90	N/T
47	124.49	43.5	17.6	-25.9	PK	V	250	90	N/T
48	124.88	43.5	16.6	-26.9	PK	V	250	1	N/T
49	125.13	43.5	17.2	-26.3	PK	V	250	90	N/T
50	125.53	43.5	17.8	-25.7	PK	V	250	1	N/T
51	126.74	43.5	19.3	-24.2	PK	V	250	90	N/T
52	127.42	43.5	18.7	-24.8	PK	V	250	90	N/T
53	127.75	43.5	17.2	-26.3	PK	V	250	1	N/T
54	128.17	43.5	16.4	-27.1	PK	V	250	90	N/T
55	129.64	43.5	17.1	-26.4	PK	V	250	90	N/T
56	130.43	43.5	16.1	-27.4	PK	V	250	1	N/T
57	131.43	43.5	16.6	-26.9	PK	V	250	90	N/T
58	132.11	43.5	17.4	-26.1	PK	V	250	90	N/T
59	132.54	43.5	15.9	-27.6	PK	V	250	1	N/T
60	132.79	43.5	17.4	-26.1	PK	V	250	90	N/T
61	136.54	43.5	16.2	-27.3	PK	V	250	90	N/T
62	160.06	43.5	15.0	-28.5	PK	H	250	1	N/T
63	169.08	43.5	16.5	-27.0	PK	H	250	90	N/T

N/T in CORR FACTOR column denotes a non-traceable signal.

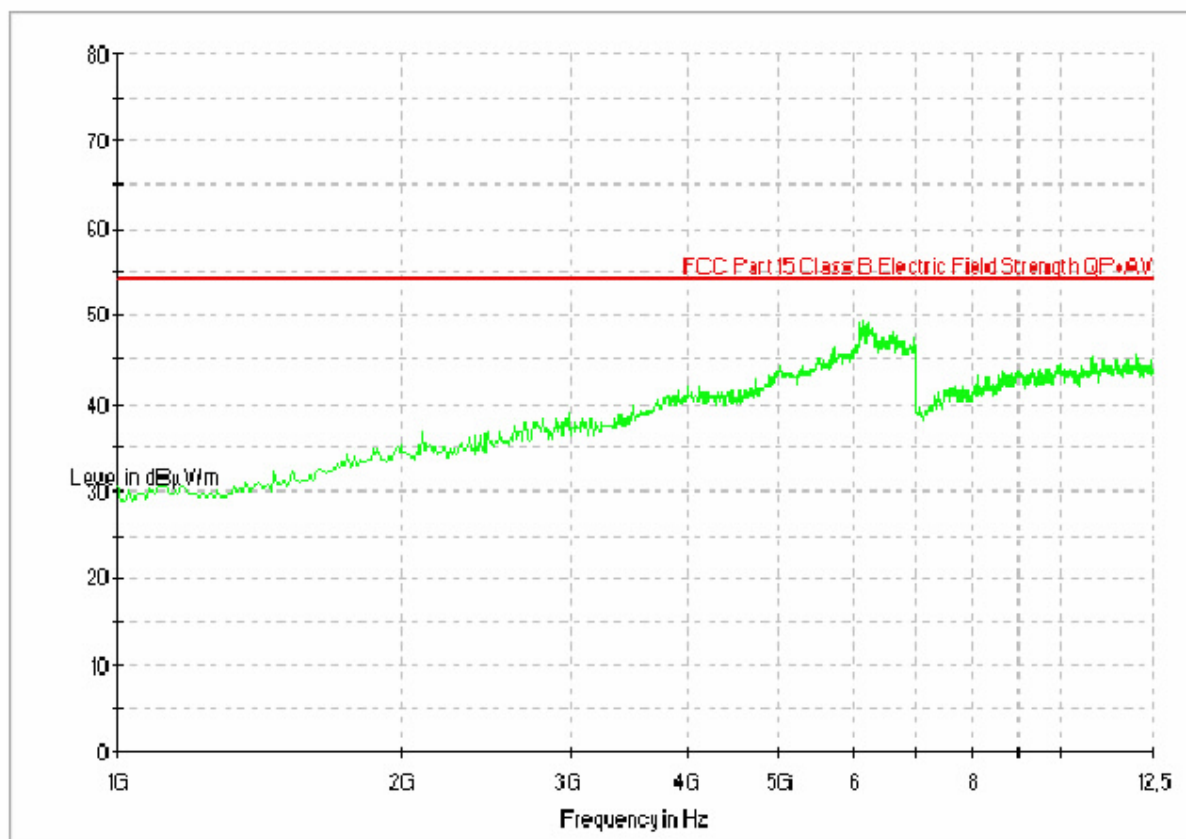
Radiated emission: CR0301 (30 MHz – 12,5 GHz) Horizontal Polarization

EMC32 Report

Test Information

Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/03
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

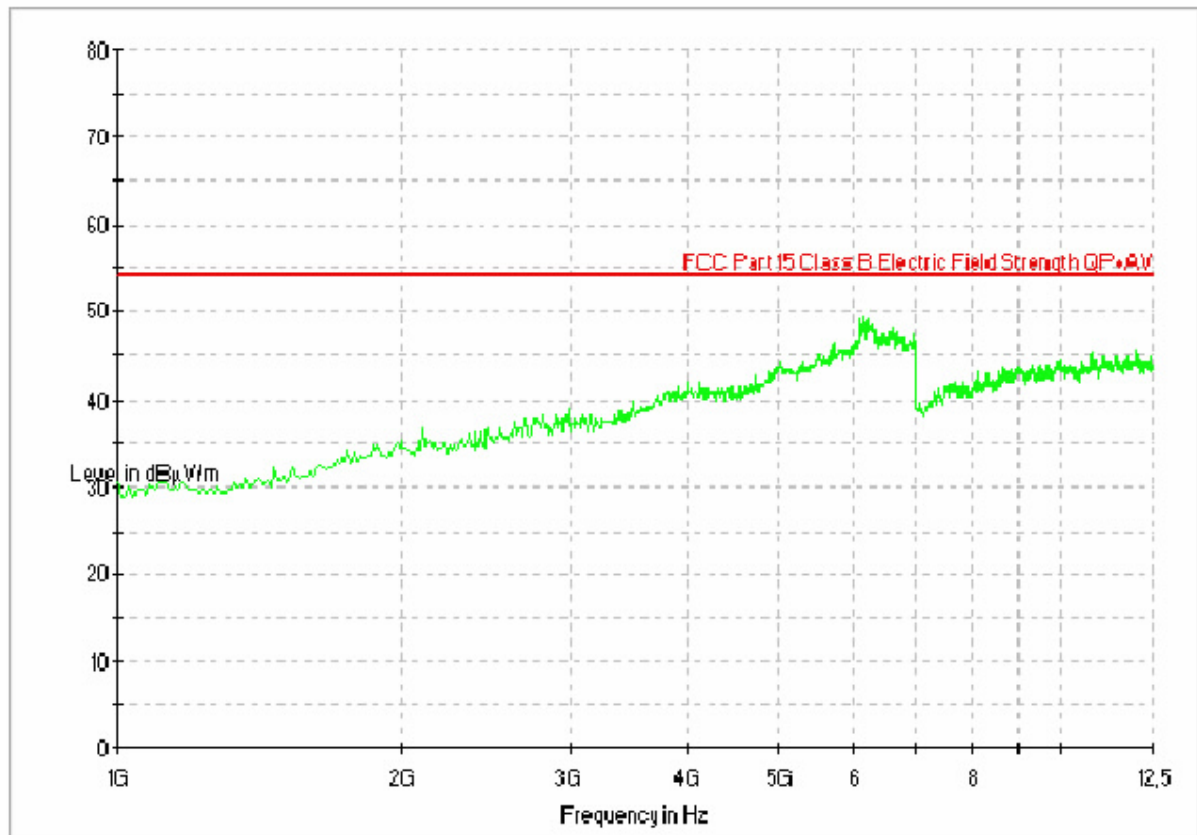
Radiated emission: CR0301 (30 MHz – 12,5 GHz) Vertical Polarization

EMC32 Report

Test Information

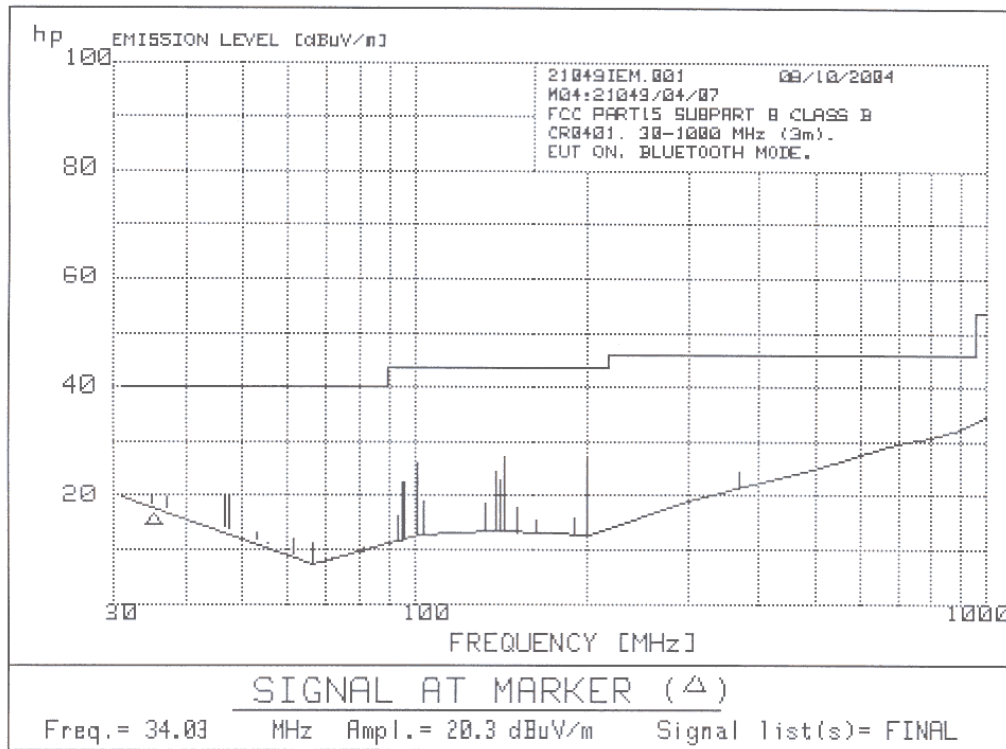
Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/03
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

Radiated emission: CR0401 (30 MHz – 12.5 GHz)



PRODUCT EMISSIONS

21049IEM.001 08/10/2004 Data File: CR0401 (FCC) 8 Sep 1994 17:08

No	EMISSION	SPEC	MEASUREMENTS			SITE			CORR	COMMENTS
	FREQUENCY MHz		ABS	dLIM	MODE	POL	HGT	AZM		
		dBuV/m		dB			cm	deg	dB	
2	34.03	40.0	20.3	-19.7	PK	H	250	90	N/T	
3	36.04	40.0	19.8	-20.2	PK	V	250	90	N/T	
4	39.12	40.0	16.4	-23.6	PK	H	250	90	N/T	
5	45.71	40.0	20.4	-19.6	PK	V	250	90	N/T	
6	46.55	40.0	19.9	-20.1	PK	V	250	1	N/T	
7	52.07	40.0	13.1	-26.9	PK	V	250	90	N/T	
8	54.09	40.0	11.3	-28.7	PK	V	250	1	N/T	
9	56.03	40.0	10.0	-30.0	PK	H	250	1	N/T	
10	60.05	40.0	12.1	-27.9	PK	H	250	90	N/T	
11	64.983	40.0	11.3	-28.7	PK	V	250	93	-10.6	
12	68.03	40.0	7.8	-32.2	PK	V	250	1	N/T	
13	69.52	40.0	7.8	-32.2	PK	V	250	90	N/T	
14	70.02	40.0	8.6	-31.4	PK	H	250	90	N/T	
15	73.49	40.0	7.5	-32.5	PK	H	250	1	N/T	
16	74.57	40.0	7.7	-32.3	PK	H	250	1	N/T	
17	76.06	40.0	8.3	-31.7	PK	H	250	90	N/T	
18	77.50	40.0	7.2	-32.8	PK	V	250	1	N/T	
19	80.07	40.0	10.5	-29.5	PK	H	250	1	N/T	
20	84.08	40.0	9.4	-30.6	PK	V	250	90	N/T	
21	92.03	43.5	16.4	-27.1	PK	H	250	90	N/T	
22	92.89	43.5	22.4	-21.1	PK	V	250	90	N/T	
23	94.08	43.5	22.6	-20.9	PK	V	250	1	N/T	
24	98.71	43.5	26.2	-17.3	PK	H	250	1	N/T	
	99.00	43.5	18.1	-25.4	PK	V	250	1	N/T	

Radiated emission: CR0401 (30 MHz – 12,5 GHz) (Cont.)

25	99.36	43.5	17.1	-26.4	PK	V	250	90	N/T
26	101.32	43.5	19.0	-24.5	PK	V	250	90	N/T
27	130.47	43.5	18.6	-24.9	PK	V	250	90	N/T
28	136.68	43.5	24.4	-19.1	PK	H	250	90	N/T
29	138.179	43.5	23.0	-20.5	PK	V	250	93	-4.8
30	141.05	43.5	27.2	-16.3	PK	V	250	1	N/T
31	148.07	43.5	18.0	-25.5	PK	H	250	1	N/T
32	160.10	43.5	15.6	-27.9	PK	H	250	1	N/T
33	187.53	43.5	15.8	-27.7	PK	V	250	1	N/T
34	196.86	43.5	27.0	-16.5	PK	H	250	1	N/T
35	367.5	46.0	24.6	-21.4	PK	V	250	90	N/T

N/T in CORR FACTOR column denotes a non-traceable signal.

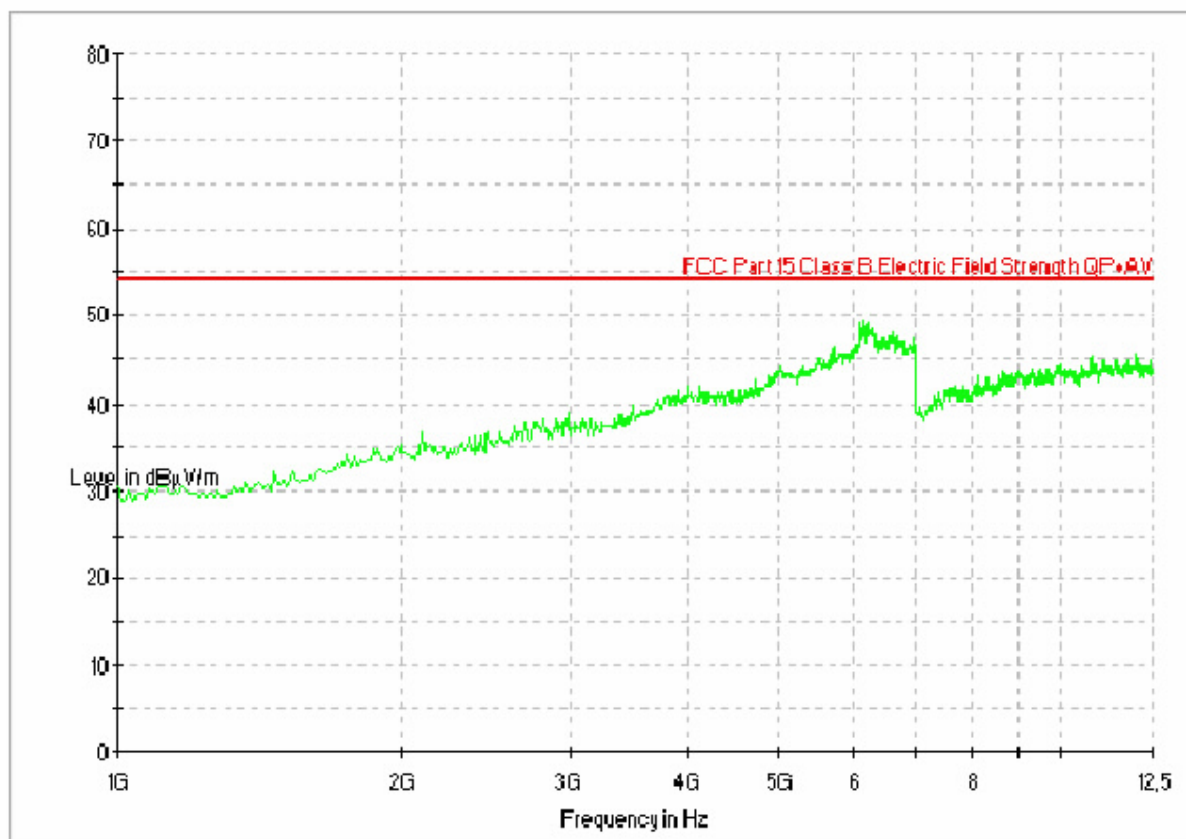
Radiated emission: CR0401 (30 MHz – 12,5 GHz) Horizontal Polarization

EMC32 Report

Test Information

Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/04
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

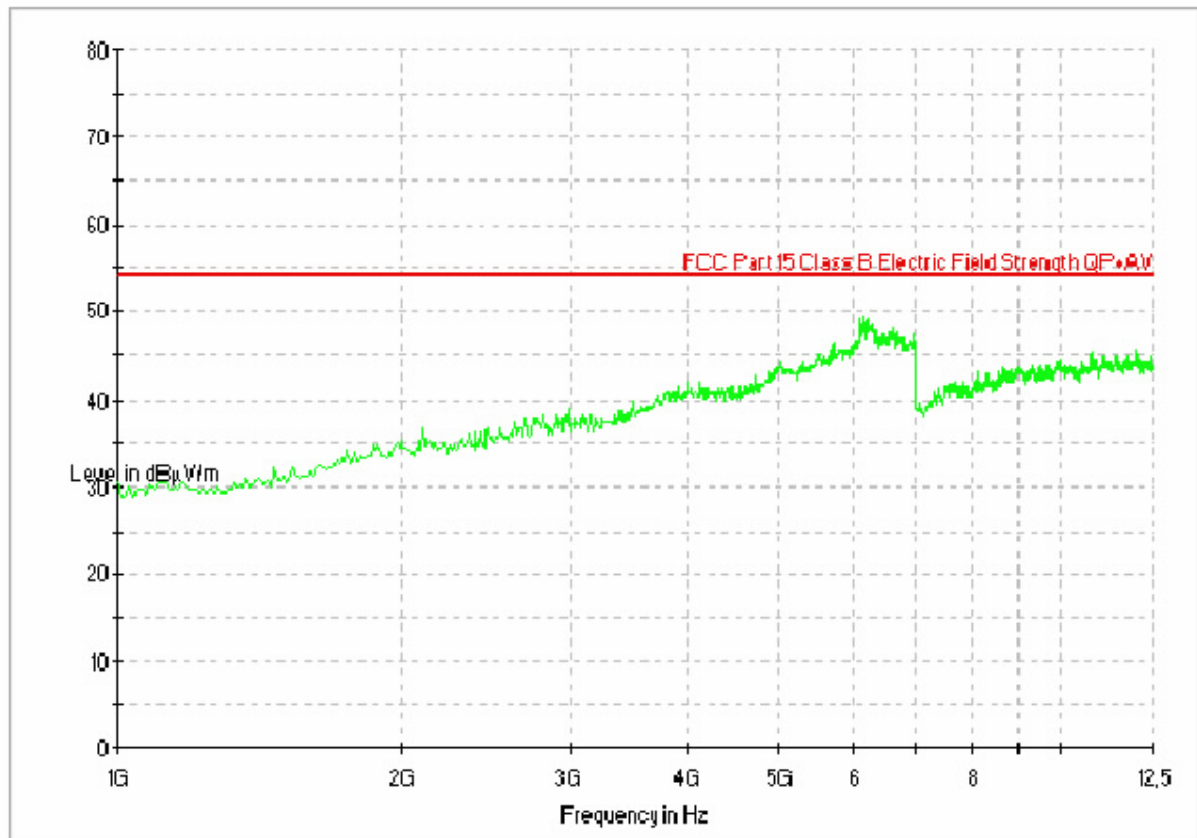
Radiated emission: CR0401 (30 MHz – 12,5 GHz) Vertical Polarization

EMC32 Report

Test Information

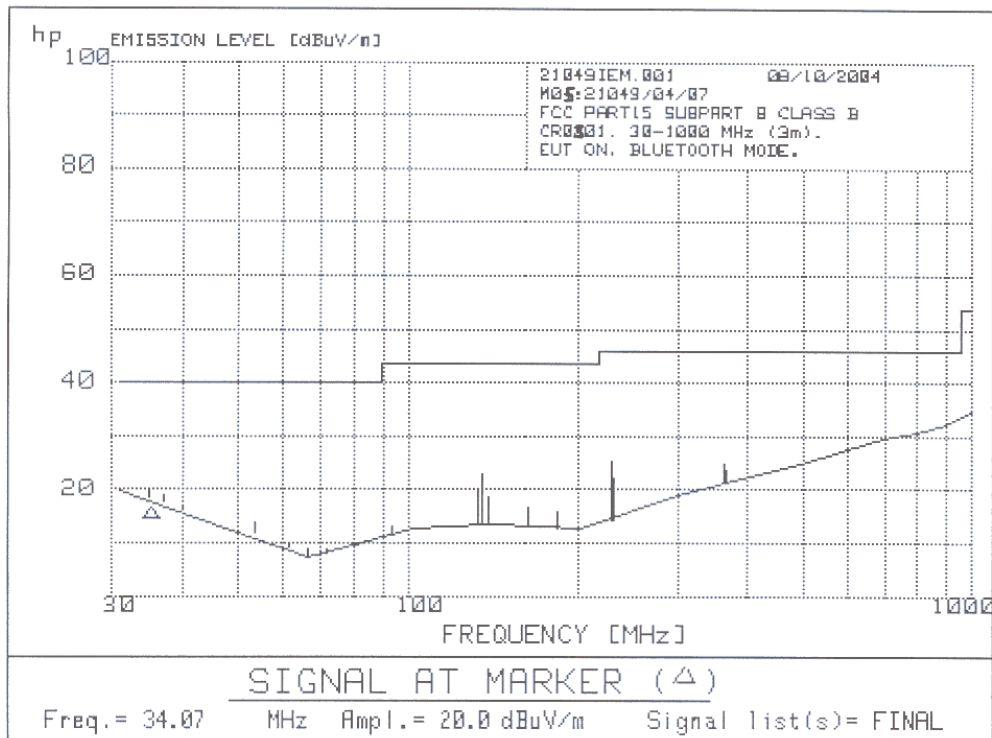
Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/04
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

Radiated emission: CR0501 (30 MHz – 12,5 GHz)



PRODUCT EMISSIONS

21049IEM.001 08/10/2004 Data File: NOT STORED 8 Sep 1994 17:29:

No	EMISSION	SPEC	MEASUREMENTS			SITE			CORR	COMMENTS
	FREQUENCY MHz		ABS	dLIM	MODE	POL	HGT cm	AZM deg		
		dBuV/m		dB					dB	
1	34.07	40.0	20.0	-20.0	PK	V	250	1	N/T	
	36.04	40.0	19.0	-21.0	PK	H	250	90	N/T	
3	39.16	40.0	17.0	-23.0	PK	H	250	1	N/T	
4	41.53	40.0	14.8	-25.2	PK	H	250	90	N/T	
5	45.16	40.0	13.6	-26.4	PK	V	250	90	N/T	
6	45.74	40.0	13.5	-26.5	PK	V	250	1	N/T	
7	52.11	40.0	13.9	-26.1	PK	H	250	1	N/T	
8	54.09	40.0	10.8	-29.2	PK	H	250	90	N/T	
9	56.06	40.0	9.9	-30.1	PK	V	250	90	N/T	
10	60.09	40.0	10.1	-29.9	PK	H	250	90	N/T	
11	62.10	40.0	4.7	-35.3	PK	H	250	1	N/T	
12	65.07	40.0	8.8	-31.2	PK	V	250	90	N/T	
13	68.03	40.0	7.3	-32.7	PK	H	250	1	N/T	
14	69.52	40.0	7.3	-32.7	PK	H	250	90	N/T	
15	70.02	40.0	9.0	-31.0	PK	V	250	1	N/T	
16	73.53	40.0	7.2	-32.8	PK	H	250	90	N/T	
17	74.03	40.0	7.2	-32.8	PK	V	250	1	N/T	
18	74.57	40.0	7.4	-32.6	PK	H	250	90	N/T	
19	76.06	40.0	8.3	-31.7	PK	V	250	90	N/T	
20	77.10	40.0	7.2	-32.8	PK	H	250	1	N/T	
21	77.50	40.0	7.0	-33.0	PK	V	250	90	N/T	
22	80.10	40.0	10.2	-29.8	PK	V	250	90	N/T	
23	84.08	40.0	9.5	-30.5	PK	V	250	1	N/T	
24	90.87	44.0	11.4	-32.6	PK	H	250	1	N/T	

Radiated emission: CR0501 (30 MHz – 12,5 GHz) (Cont.)

25	91.56	44.0	12.6	-31.4	PK	V	250	90	N/T
26	91.88	44.0	13.4	-30.6	PK	V	250	1	N/T
27	130.97	44.0	19.8	-24.2	PK	V	250	90	N/T
28	133.22	44.0	23.0	-21.0	PK	V	250	90	N/T
29	136.586	43.5	18.5	-25.0	PK	H	250	93	-4.9
30	160.06	44.0	16.7	-27.3	PK	V	250	90	N/T
31	181.94	44.0	15.8	-28.2	PK	V	250	90	N/T
32	227.2	46.0	20.7	-25.3	PK	V	250	90	N/T
33	227.5	46.0	25.4	-20.6	PK	H	250	90	N/T
34	228.1	46.0	22.2	-23.8	PK	V	250	1	N/T
35	363.2	46.0	25.1	-20.9	PK	H	250	90	N/T
36	363.9	46.0	23.6	-22.4	PK	H	250	1	N/T

N/T in CORR FACTOR column denotes a non-traceable signal.

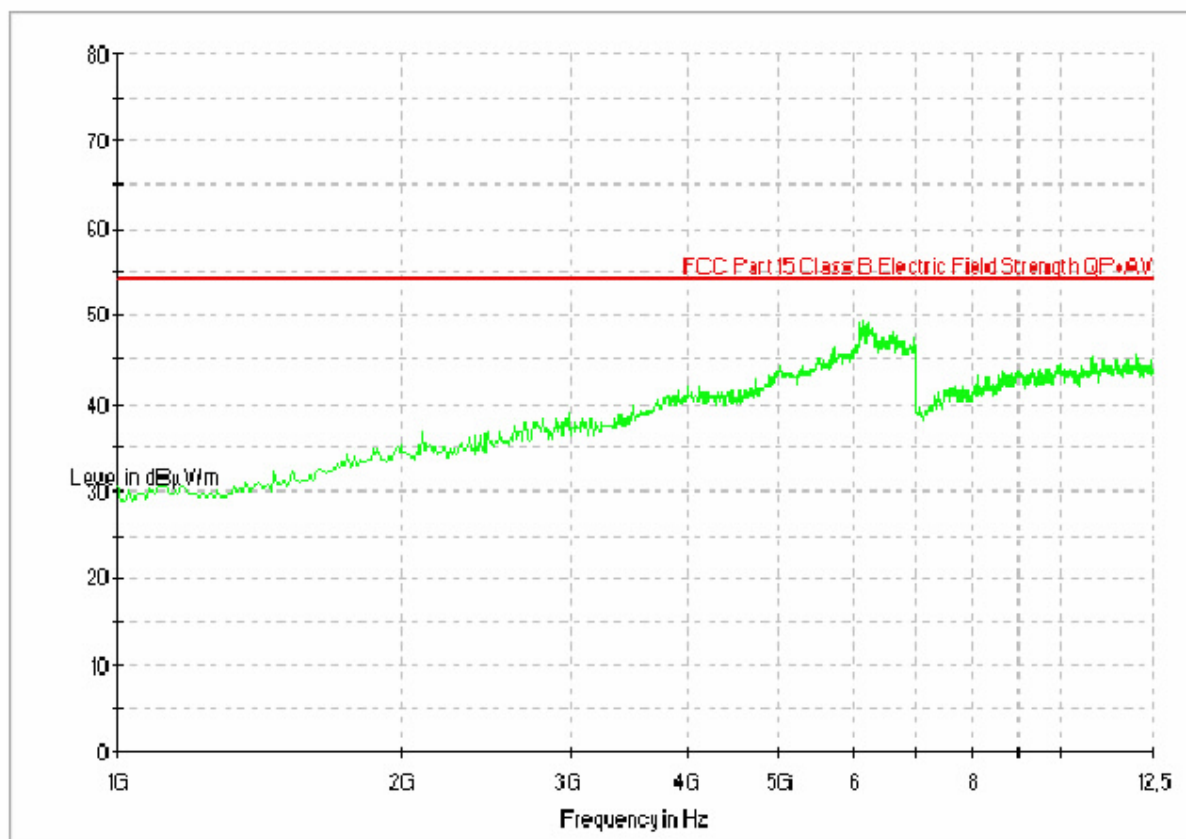
Radiated emission: CR0501 (30 MHz – 12,5 GHz) Horizontal Polarization

EMC32 Report

Test Information

Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/05
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

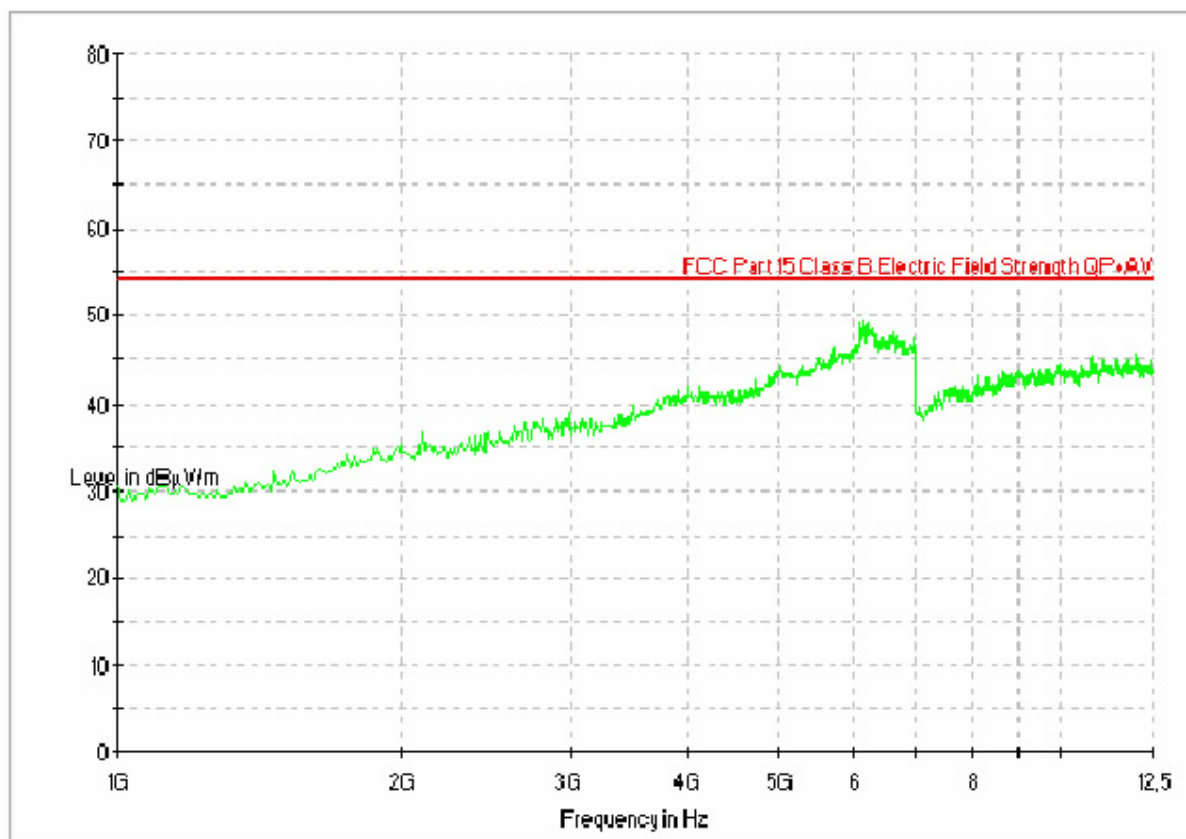
Radiated emission: CR0501 (30 MHz – 12,5 GHz) Vertical Polarization

EMC32 Report

Test Information

Proyecto:	21049iem.101
Empresa:	Philips
Muestra:	S/05
Modo operacion:	MO#01
Fecha:	2004-11-10
Setup:	EMI radiated
Description	EUT ON. Idle mode.

FCC 1-12.5GHz



* BT signaling has been removed

5. - EQUIPMENT UNDER TEST PICTURES

