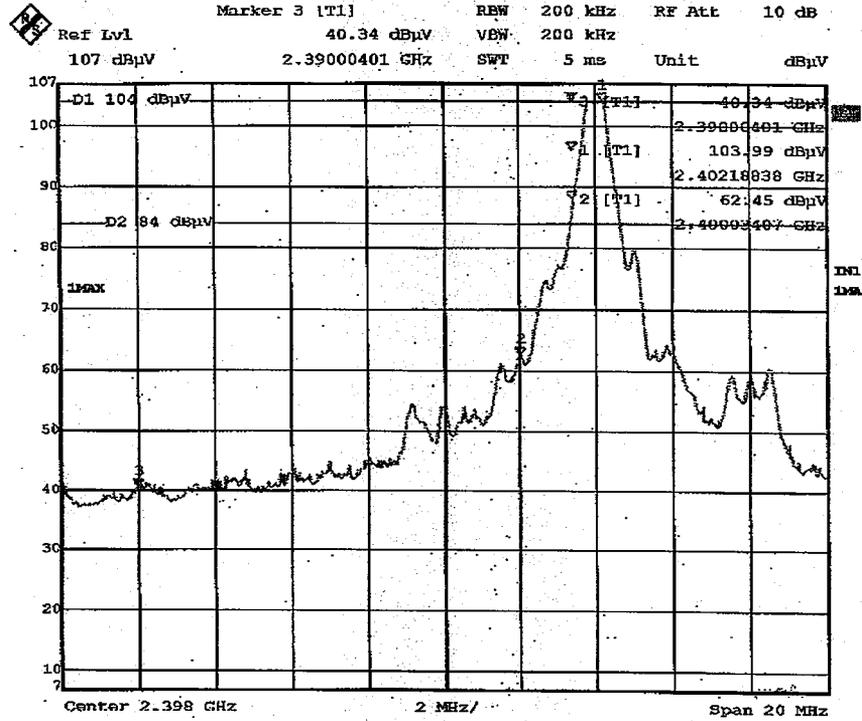
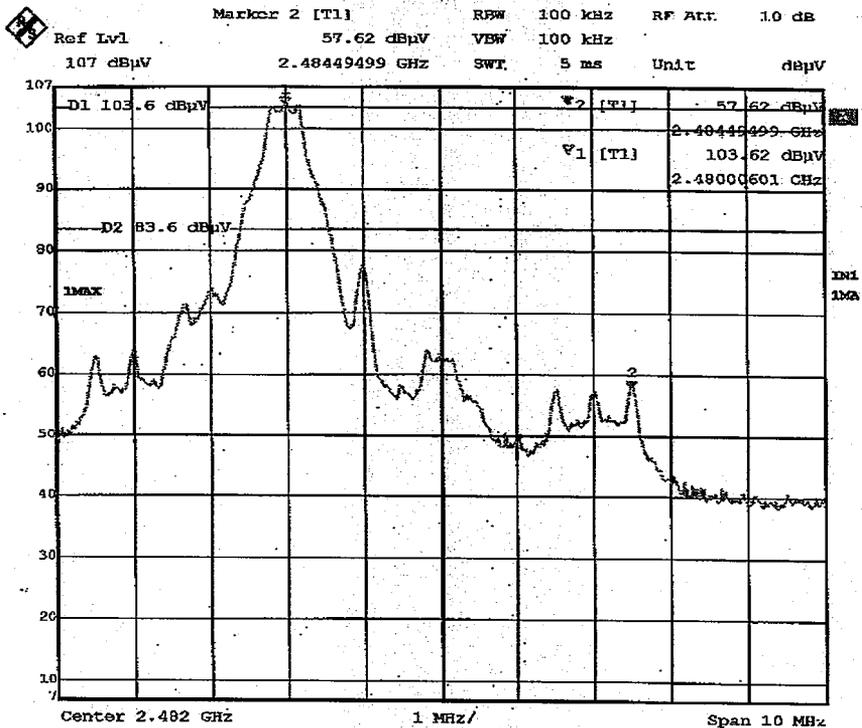


Band Edge :Tx(Hopping off)2402MHz:DKC-C200X



Date: 10.JAN.2003 16:47:15

Band Edge :Tx(Hopping off)2480MHz:DKC-C200X

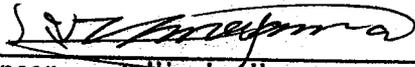


Date: 10.JAN.2003 16:45:47

DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23BE0019-H0- 9

Applicant : Sony Corporation
 Kind of Equipment : Digital Printing System
 Model No. : UPX-C200 (DKC-C200X)
 Serial No. : 59810047
 Power : AC120V/60Hz
 Mode : Tx (2402MHz)
 Remarks :
 Date : 1/8/2003
 Test Distance : 3 m
 Temperature : 23 °C
 Humidity : 30 %
 Regulation : FCC § 15.247 (C)


 Engineer : Hiroka Umeyama

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]	HOR [dB]	VER [dB]		
1.	96.02	BB	42.4	46.6	9.7	26.9	1.1	5.8	32.1	36.3	43.5	11.4	7.2	
2.	120.00	BB	34.0	36.9	12.7	26.7	1.2	5.8	27.0	29.9	43.5	16.5	13.6	
3.	144.02	BB	32.0	30.6	15.1	26.5	1.3	5.8	27.7	26.3	43.5	15.8	17.2	
4.	288.05	BB	38.4	35.5	19.3	26.2	1.9	5.7	39.1	36.2	46.0	6.9	9.8	
5.	480.08	BB	35.0	32.5	18.3	27.4	2.7	5.8	34.4	31.9	46.0	11.6	14.1	
6.	888.15	BB	31.5	32.4	22.6	27.1	3.9	5.7	36.6	37.5	46.0	9.4	8.5	

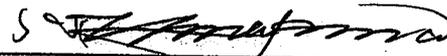
CALCULATION: $READING[dB \mu V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB]$.

All other spurious emissions were less than 20dB for the limit.
 ANT. TYPE : 30-300MHz Biconical, 300-1000MHz Logperiodic, 1000MHz- Horn

DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23BE0019-H0-9

Applicant : Sony Corporation
Kind of Equipment : Digital Printing System
Model No. : UPX-C200 (DKC-C200X)
Serial No. : 59810047
Power : AC120V/60Hz
Mode : Tx (2441MHz)
Remarks :
Date : 1/8/2003
Test Distance : 3 m
Temperature : 23 °C
Humidity : 30 %
Regulation : FCC § 15.247 (C)


Engineer : Hiroka Umeyama

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	96.02	BB	43.4	46.1	9.7	26.9	1.1	5.8	33.1	35.8	43.5	10.4	7.7	
2.	120.00	BB	36.6	39.0	12.7	26.7	1.2	5.8	29.6	32.0	43.5	13.9	11.5	
3.	144.02	BB	35.0	34.6	15.1	26.5	1.3	5.8	30.7	30.3	43.5	12.8	13.2	
4.	288.05	BB	39.0	33.0	19.3	26.2	1.9	5.7	39.7	33.7	46.0	6.3	12.3	
5.	480.08	BB	34.4	31.6	18.3	27.4	2.7	5.8	33.8	31.0	46.0	12.2	15.0	
6.	888.15	BB	31.1	32.4	22.6	27.1	3.9	5.7	36.2	37.5	46.0	9.8	8.5	

CALCULATION: $READING[dB \mu V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB]$.

All other spurious emissions were less than 20dB for the limit.
ANT. TYPE : 30-300MHz Biconical, 300-1000MHz Logperiodic, 1000MHz- Horn

DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23BE0019-H0 - 9

Applicant : Sony Corporation
 Kind of Equipment : Digital Printing System
 Model No. : UPX-C200 (DKC-C200X)
 Serial No. : 59810047
 Power : AC120V/60Hz
 Mode : Tx (2480MHz)
 Remarks :
 Date : 1/8/2003
 Test Distance : 3 m
 Temperature : 23 °C
 Humidity : 30 %
 Regulation : FCC § 15.247 (C)

S. Hiroka Umeyama
 Engineer : Hiroka Umeyama

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	96.02	BB	44.1	45.0	9.7	26.9	1.1	5.8	33.8	34.7	43.5	9.7	8.8	
2.	120.00	BB	37.1	36.1	12.7	26.7	1.2	5.8	30.1	29.1	43.5	13.4	14.4	
3.	144.02	BB	36.2	32.0	15.1	26.5	1.3	5.8	31.9	27.7	43.5	11.6	15.8	
4.	288.05	BB	39.4	31.9	19.3	26.2	1.9	5.7	40.1	32.6	46.0	5.9	13.4	
5.	480.08	BB	34.5	32.1	18.3	27.4	2.7	5.8	33.9	31.5	46.0	12.1	14.5	
6.	888.15	BB	30.7	32.0	22.6	27.1	3.9	5.7	35.8	37.1	46.0	10.2	8.9	

CALCULATION: $READING[dB \mu V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB]$.

All other spurious emissions were less than 20dB for the limit.
 ANT. TYPE : 30-300MHz Biconical, 300-1000MHz Logperiodic, 1000MHz- Horn

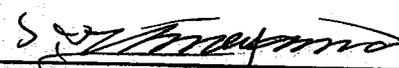
DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY : Sony Corporation
 EQUIPMENT : Digital Printing System
 MODEL : DKC-C200X
 S/N : 59810047
 FCC ID : AK8DKCC200X
 IC Number : 409B-DKCC200X
 POWER : AC120V/60Hz
 MODE : Tx(2402MHz)

REPORT NO : 23BE0019-HO-9
 REGULATION : Fcc Part15 Subpart C 15.247(c)
 TEST DISTANCE : 3 and 1 m
 DATE : 01/14/2003
 TEMPERATURE : 22°C
 HUMIDITY : 39%


 Engineer : Hiroka Umeyama

PK DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1201.0	45.1	45.1	25.3	37.3	4.6	0.0	37.7	37.7	74.0	36.3	36.3
1	4804.0	45.3	43.4	35.1	36.4	8.7	0.3	53.0	51.1	74.0	21.0	22.9
2	7206.0	43.3	43.1	38.3	36.5	10.8	0.0	55.9	55.7	74.0	18.1	18.3
3	9608.0	43.7	43.0	38.5	37.0	12.9	0.0	58.1	57.4	74.0	15.9	16.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac												
4	12010.0	43.9	44.1	43.3	35.9	14.1	0.0	55.9	56.1	74.0	18.1	17.9
5	14412.0	42.9	43.2	41.7	35.8	15.7	0.0	55.0	55.3	74.0	19.0	18.7
6	16814.0	43.5	44.1	44.3	37.2	17.4	0.0	58.5	59.1	74.0	15.5	14.9
7	19216.0	42.7	42.6	41.0	35.8	18.6	0.0	57.0	56.9	74.0	17.0	17.1
8	21618.0	43.8	43.8	40.1	37.0	19.2	0.0	56.6	56.6	74.0	17.4	17.4
9	24020.0	43.9	43.9	40.3	35.5	20.6	0.0	59.8	59.8	74.0	14.2	14.2

AV DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1201.0	31.7	31.8	25.3	37.3	4.6	0.0	24.3	24.4	54.0	29.7	29.6
1	4804.0	34.9	32.0	35.1	36.4	8.7	0.3	42.6	39.7	54.0	11.4	14.3
2	7206.0	30.2	30.8	38.3	36.5	10.8	0.0	42.8	43.4	54.0	11.2	10.6
3	9608.0	30.4	30.4	38.5	37.0	12.9	0.0	44.8	44.8	54.0	9.2	9.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac												
4	12010.0	30.5	30.7	43.3	35.9	14.1	0.0	42.5	42.7	54.0	11.5	11.3
5	14412.0	29.8	29.7	41.7	35.8	15.7	0.0	41.9	41.8	54.0	12.1	12.2
6	16814.0	29.9	29.9	44.3	37.2	17.4	0.0	44.9	44.9	54.0	9.1	9.1
7	19216.0	29.9	29.8	41.0	35.8	18.6	0.0	44.2	44.1	54.0	9.8	9.9
8	21618.0	30.8	30.8	40.1	37.0	19.2	0.0	43.6	43.6	54.0	10.4	10.4
9	24020.0	31.1	31.5	40.3	35.5	20.6	0.0	47.0	47.4	54.0	7.0	6.6

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.5$ dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY : Sony Corporation
 EQUIPMENT : Digital Printing System
 MODEL : DKC-C200X
 S/ N : 59810047
 FCC ID : AK8DKCC200X
 IC Number : 409B-DKCC200X
 POWER : AC120V/60Hz
 MODE : Tx(2441MHz)

REPORT NO : 23BE0019-HO - 9
 REGULATION : Fcc Part15 Subpart C 15.247(c)
 TEST DISTANCE : 3 and 1 m
 DATE : 01/14/2003
 TEMPERATURE : 22°C
 HUMIDITY : 39%

S. 
 Engineer : Hiroka Umeyama

PK DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1220.5	45.4	46.1	25.4	37.3	4.6	0.0	38.1	38.8	74.0	35.9	35.2
1	4882.0	47.0	45.8	35.5	36.4	8.8	0.4	55.3	54.1	74.0	18.7	19.9
2	7323.0	43.0	43.0	38.6	36.6	10.9	0.0	55.9	55.9	74.0	18.1	18.1
3	9764.0	43.2	42.9	38.5	37.0	13.0	0.0	57.7	57.4	74.0	16.3	16.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
4	12205.0	49.8	49.2	43.2	36.0	14.2	0.0	61.7	61.1	74.0	12.3	12.9
5	14646.0	44.5	43.2	42.8	36.1	15.8	0.0	57.5	56.2	74.0	16.5	17.8
6	17087.0	42.2	42.3	43.8	37.0	17.6	0.0	57.1	57.2	74.0	16.9	16.8
7	19528.0	43.1	42.3	40.6	36.1	18.7	0.0	56.8	56.0	74.0	17.2	18.0
8	21969.0	45.3	45.7	40.9	36.7	19.3	0.0	59.3	59.7	74.0	14.7	14.3
9	24410.0	44.1	44.2	40.5	36.4	20.8	0.0	59.5	59.6	74.0	14.5	14.4

AV DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1220.5	31.8	32.4	25.4	37.3	4.6	0.0	24.5	25.1	54.0	29.5	28.9
1	4882.0	38.4	35.1	35.5	36.4	8.8	0.4	46.7	43.4	54.0	7.3	10.6
2	7323.0	30.2	30.1	38.6	36.6	10.9	0.0	43.1	43.0	54.0	10.9	11.0
3	9764.0	30.2	30.2	38.5	37.0	13.0	0.0	44.7	44.7	54.0	9.3	9.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
4	12205.0	30.4	30.4	43.2	36.0	14.2	0.0	42.3	42.3	54.0	11.7	11.7
5	14646.0	30.2	30.2	42.8	36.1	15.8	0.0	43.2	43.2	54.0	10.8	10.8
6	17087.0	29.5	29.5	43.8	37.0	17.6	0.0	44.4	44.4	54.0	9.6	9.6
7	19528.0	29.8	29.8	40.6	36.1	18.7	0.0	43.5	43.5	54.0	10.5	10.5
8	21969.0	32.0	32.1	40.9	36.7	19.3	0.0	46.0	46.1	54.0	8.0	7.9
9	24410.0	31.2	31.2	40.5	36.4	20.8	0.0	46.6	46.6	54.0	7.4	7.4

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.5$ dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY : Sony Corporation
 EQUIPMENT : Digital-Printing System
 MODEL : DKC-C200X
 S/N : 59810047
 FCC ID : AK8DKCC200X
 IC Number : 409B-DKCC200X
 POWER : AC120V/60Hz
 MODE : Tx(2480MHz)

REPORT NO : 23BE0019-HO - 9
 REGULATION : Fcc Part15 Subpart C 15.247(c)
 TEST DISTANCE : 3 and 1 m
 DATE : 01/14/2003
 TEMPERATURE : 22°C
 HUMIDITY : 39%


 Engineer : Hiroka Umeyama

PK DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1240.0	46.4	46.5	25.5	37.3	4.7	0.0	39.3	39.4	74.0	34.7	34.6
1	2483.5	54.0	54.2	31.2	36.7	6.2	0.0	54.7	54.9	74.0	19.3	19.1
2	4960.0	47.0	44.0	35.9	36.4	8.9	0.5	55.9	52.9	74.0	18.1	21.1
3	7440.0	43.5	43.3	38.9	36.7	11.0	0.0	56.7	56.5	74.0	17.3	17.5
4	9920.0	43.2	43.4	38.4	37.1	13.1	0.0	57.6	57.8	74.0	16.4	16.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
5	12400.0	43.8	44.1	43.1	36.0	14.4	0.0	55.8	56.1	74.0	18.2	17.9
6	14880.0	42.9	42.9	43.9	36.4	16.0	0.0	56.9	56.9	74.0	17.1	17.1
7	17360.0	42.2	42.7	43.7	36.6	17.7	0.0	57.5	58.0	74.0	16.5	16.0
8	19840.0	42.6	43.4	40.1	36.3	18.8	0.0	55.7	56.5	74.0	18.3	17.5
9	22320.0	45.7	45.1	40.7	36.7	19.5	0.0	59.7	59.1	74.0	14.3	14.9
10	24800.0	44.9	44.7	40.6	36.5	21.1	0.0	60.6	60.4	74.0	13.4	13.6

AV DETECT

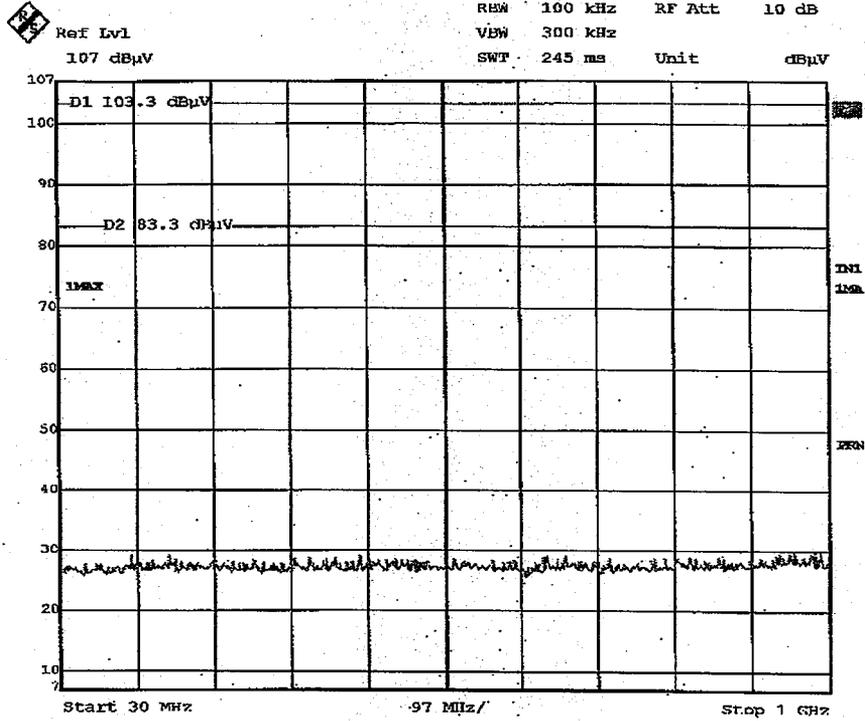
No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1240.0	32.5	32.3	25.5	37.3	4.7	0.0	25.4	25.2	54.0	28.6	28.8
1	2483.5	40.3	41.7	31.2	36.7	6.2	0.0	41.0	42.4	54.0	13.0	11.6
2	4960.0	38.1	31.8	35.9	36.4	8.9	0.5	47.0	40.7	54.0	7.0	13.3
3	7440.0	30.8	30.5	38.9	36.7	11.0	0.0	44.0	43.7	54.0	10.0	10.3
4	9920.0	30.5	30.5	38.4	37.1	13.1	0.0	44.9	44.9	54.0	9.1	9.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
5	12400.0	30.7	30.8	43.1	36.0	14.4	0.0	42.7	42.8	54.0	11.3	11.2
6	14880.0	29.9	30.2	43.9	36.4	16.0	0.0	43.9	44.2	54.0	10.1	9.8
7	17360.0	29.6	29.6	43.7	36.6	17.7	0.0	44.9	44.9	54.0	9.1	9.1
8	19840.0	29.8	29.8	40.1	36.3	18.8	0.0	42.9	42.9	54.0	11.1	11.1
9	22320.0	32.2	32.2	40.7	36.7	19.5	0.0	46.2	46.2	54.0	7.8	7.8
10	24800.0	31.5	31.5	40.6	36.5	21.1	0.0	47.2	47.2	54.0	6.8	6.8

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0)

9.5 dB

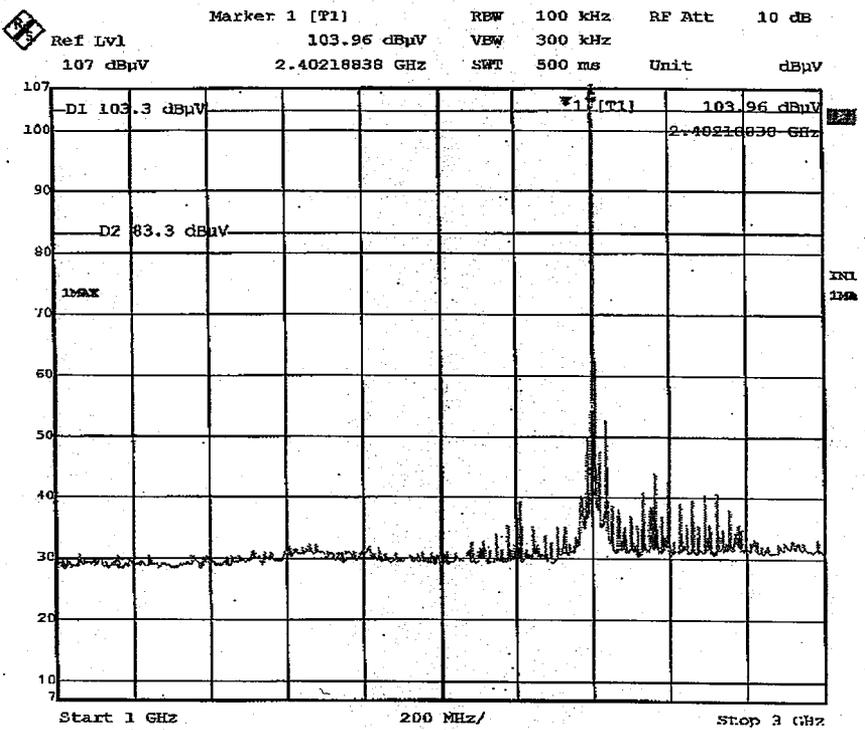
*Except for the above table : All other spurious emissions were less than 20dB for the limit.

Spurious Emission(Conducted) :Tx(2402MHz):DKC-C200X



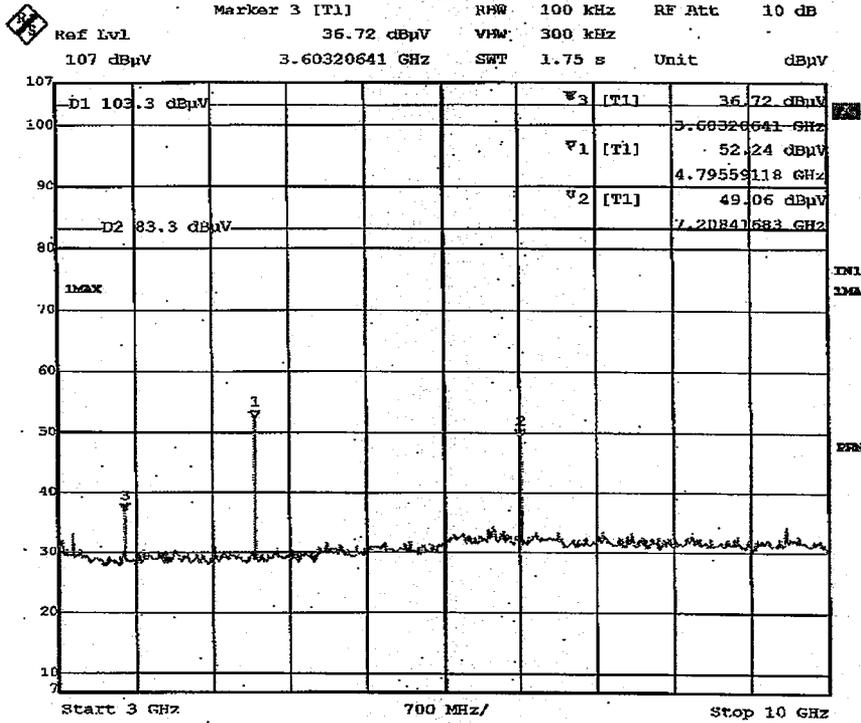
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Spurious Emission(Conducted) :Tx(2402MHz):DKC-C200X



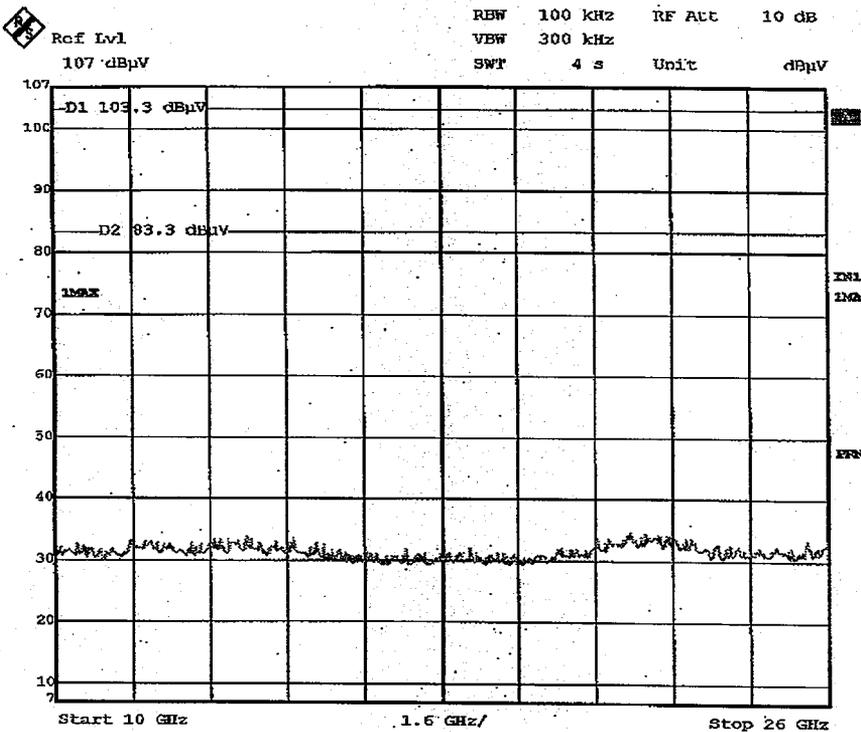
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Spurious Emission(Conducted) :Tx(2402MHz):DKC-C200X



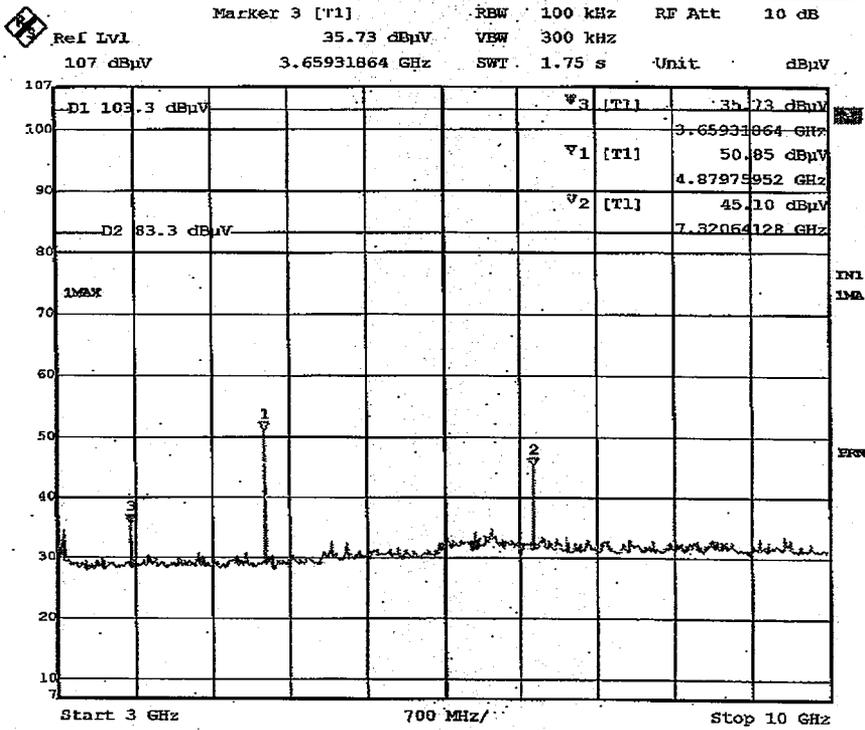
Date: 10.JAN.2003 16:49:13

Spurious Emission(Conducted) :Tx(2402MHz):DKC-C200X



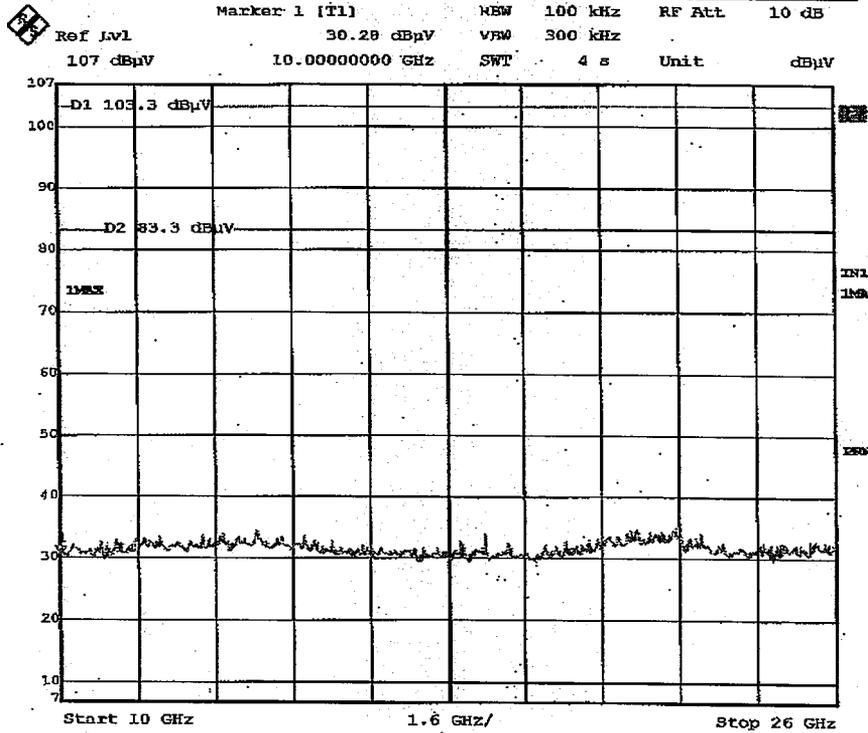
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Spurious Emission(Conducted) :Tx(2441MHz):DKC-C200X



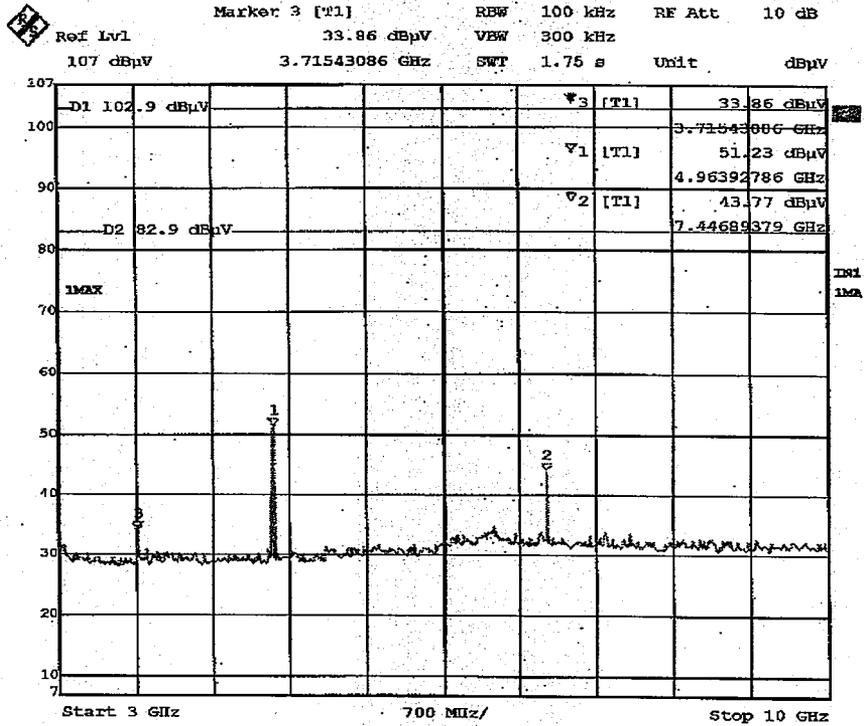
Date: 10.JAN.2003 16:50:43

Spurious Emission(Conducted) :Tx(2441MHz):DKC-C200X



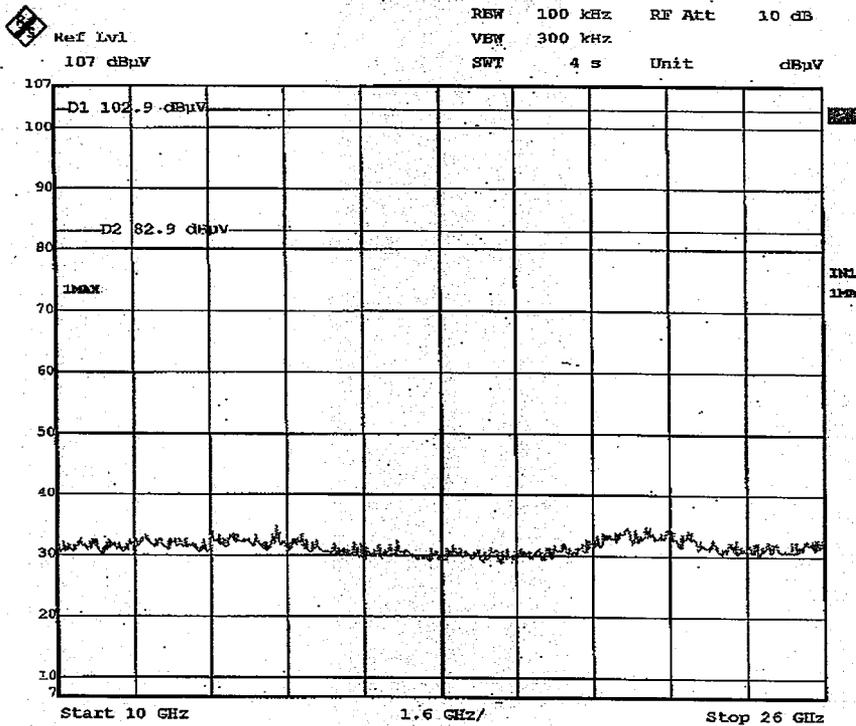
Date: 10.JAN.2003 16:51:06

Spurious Emission(Conducted) :Tx(2480MHz):DKC-C200X



Date: 10.JAN.2003 16:43:31

Spurious Emission(Conducted) :Tx(2480MHz):DKC-C200X



Date: 10.JAN.2003 16:43:56