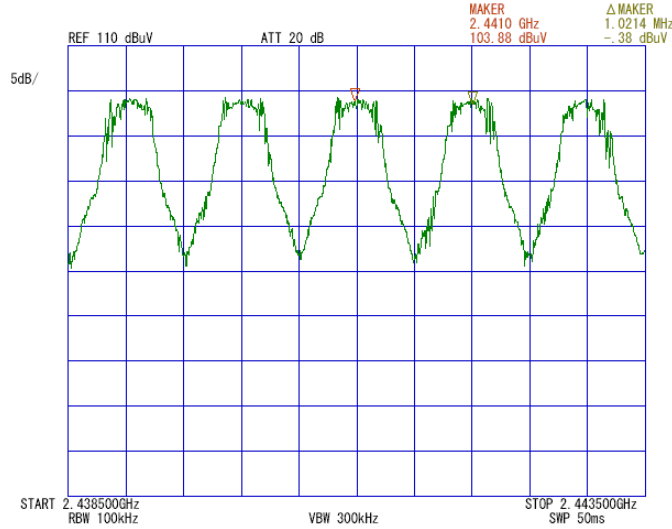


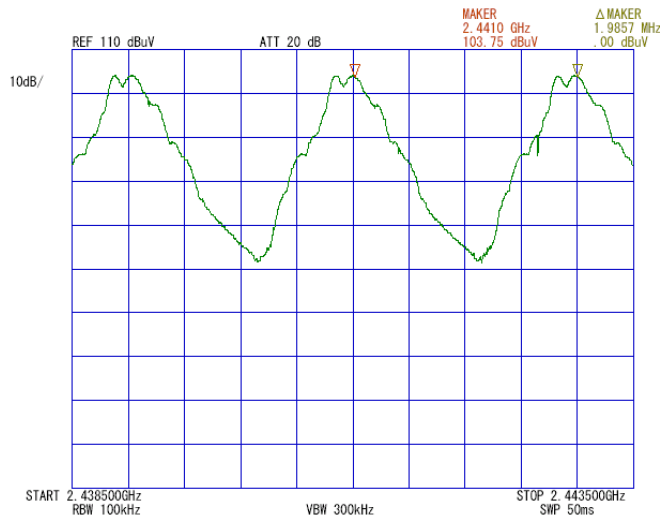
# Channel Separation: FCC 15.247(a)(1)

COMPANY	: PIONEER CORPORATION	UL Apex Co.,Ltd. Yamakita No.2 Shielded Room
EQUIPMENT	: Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner	REPORT NO : 27DE0253-YK-A
MODEL NUMBER	: DEH-P7900BT/DEH-P790BT	REGULATION : Fcc Part15SubpartC 247(a)(1)
SERIAL NUMBER	: TPFK000036	DATE : 2006/12/27
FCC ID	: AJDK014	TEMP/HUMI : 26deg.C./35%
POWER	: DC12.0V	TEST MODE : Transmitting
		ENGINEER : Toyokazu Imamura

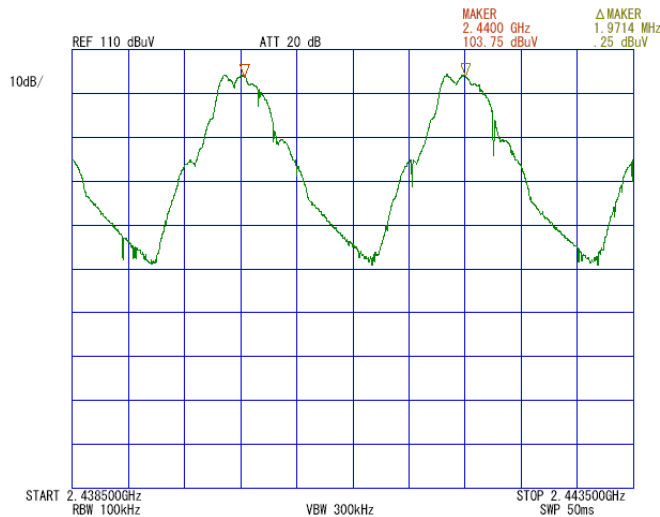
## 1. Hopping:1021.4kHz



## 2. Inquiry:1985.7kHz



## 3. Page:1971.4kHz



# 20dB Bandwidth: FCC 15.247(a)(1)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

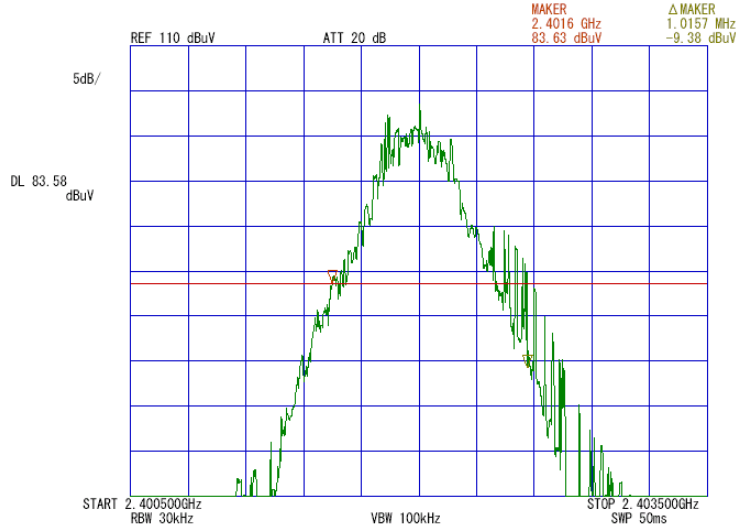
COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAAC Player with Bluetooth Wireless Technology and FM/AM Tuner

REPORT NO : 27DE0253-YK-A

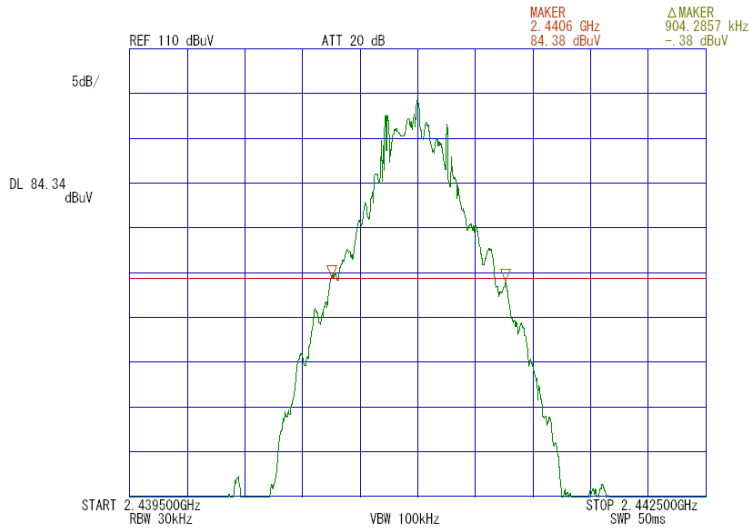
MODEL NUMBER : DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER : TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V

REGULATION : Fcc Part15SubpartC 247(a)(1)  
DATE : 2006/12/27  
TEMP./HUMI : 26deg.C./35%  
TEST MODE : Transmitting(Hopping off)  
ENGINEER : Toyokazu Imamura

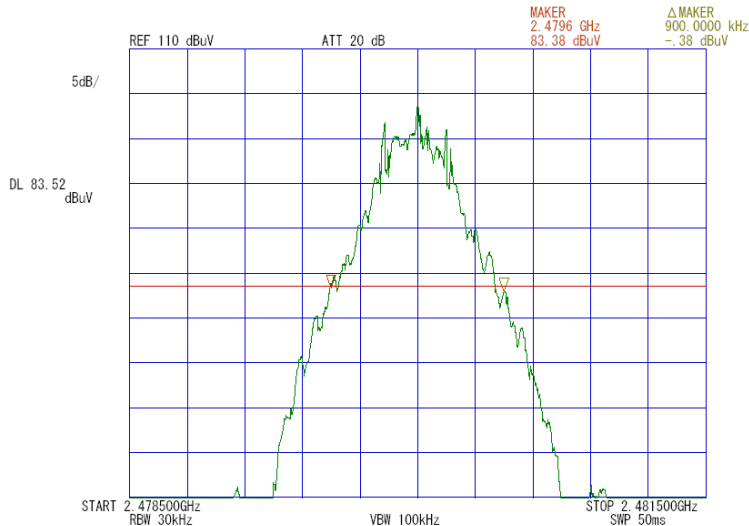
## 1. ch : 2402MHz/20dB Bandwidth:1015.7kHz



## 2. ch : 2441MHz/20dB Bandwidth:904.29kHz



## 3. ch : 2480MHz/20dB Bandwidth:900.00kHz



# Channel Utilization: FCC 15.247(a)(1)(iii)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

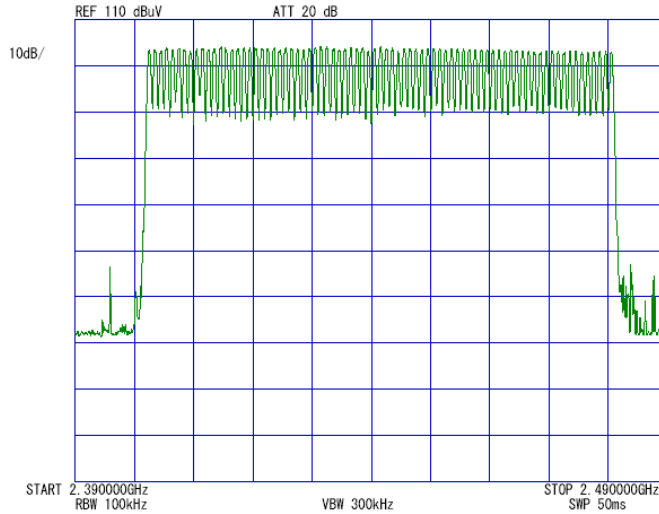
REPORT NO : 27DE0253-YK-A

MODEL NUMBER : DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER : TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V

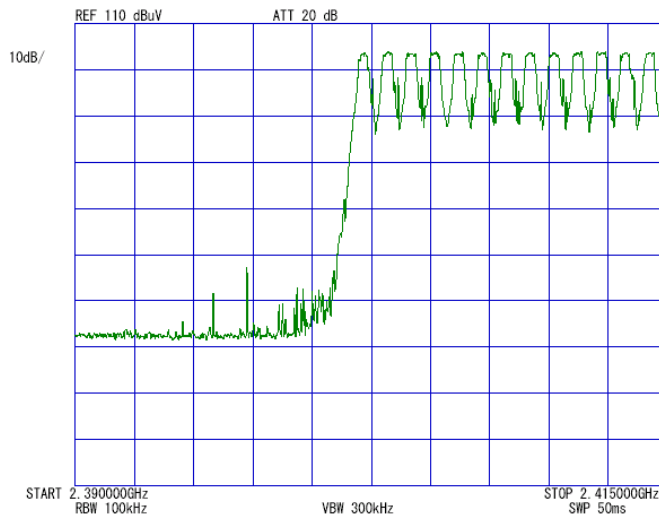
REGULATION : Fcc Part15SubpartC 247(a)(1)(iii)  
DATE : 2006/12/27  
TEMP./HUMI : 26deg.C./35%  
TEST MODE : Transmitting  
ENGINEER : Toyokazu Imamura

## Hopping: 79ch

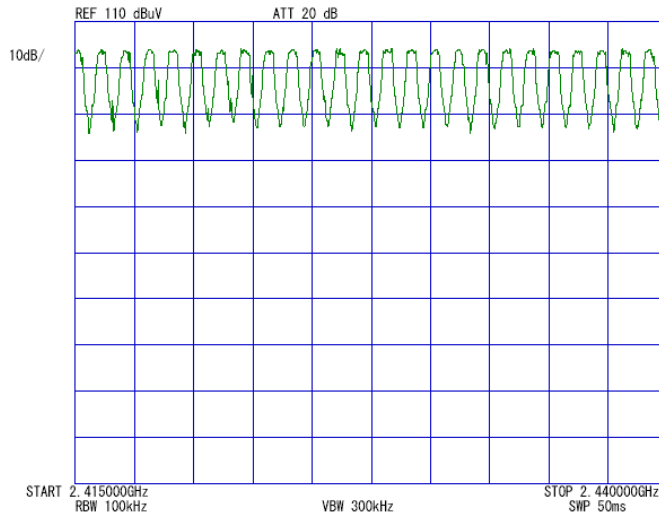
1.



2.



3.



### Channel Utilization: FCC 15.247(a)(1)(iii)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

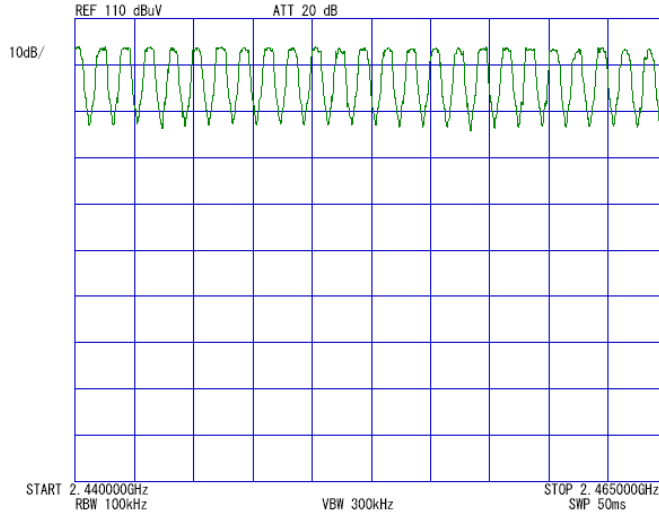
COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

REPORT NO : 27DE0253-YK-A

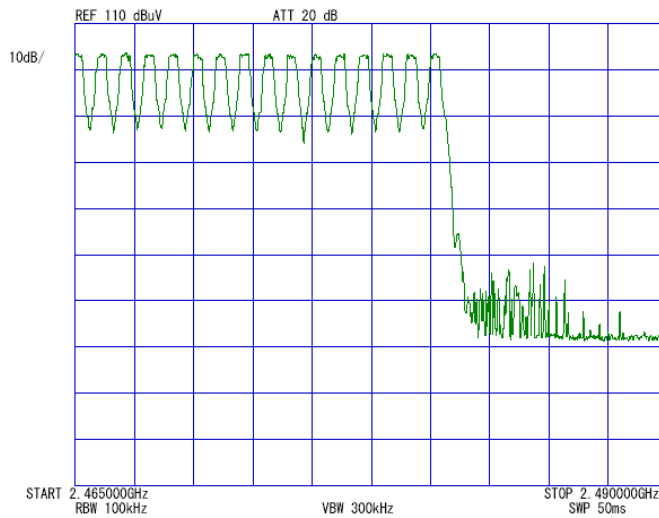
MODEL NUMBER : DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER : TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V

REGULATION : Fcc Part15SubpartC 247(a)(1)(iii)  
DATE : 2006/12/27  
TEMP./HUMI : 26deg.C./35%  
TEST MODE : Transmitting  
ENGINEER : Toyokazu Imamura

4.



5.



# Channel Utilization: FCC 15.247(a)(1)(iii)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

**COMPANY** : PIONEER CORPORATION  
**EQUIPMENT** : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

**REPORT NO** : 27DE0253-YK-A

**REGULATION** : Fcc Part15SubpartC 247(a)(1)(iii)

**MODEL NUMBER** : DEH-P7900BT/DEH-P790BT

**DATE** : 2006/12/27

**SERIAL NUMBER** : TPFK000036

**TEMP./HUMI** : 26deg.C./35%

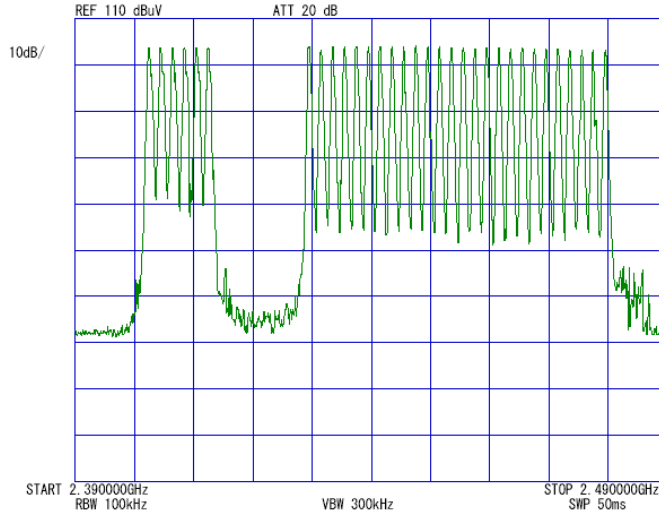
**FCC ID** : AJDK014

**TEST MODE** : Transmitting

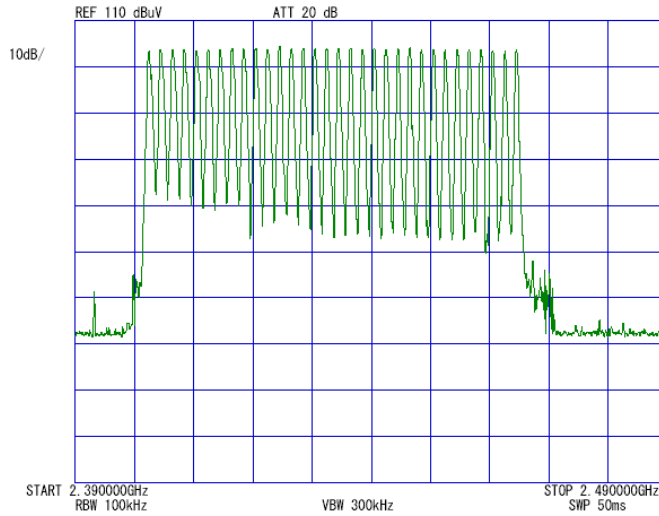
**POWER** : DC12.0V

**ENGINEER** : Toyokazu Imamura

## 1. Inquiry: 32ch



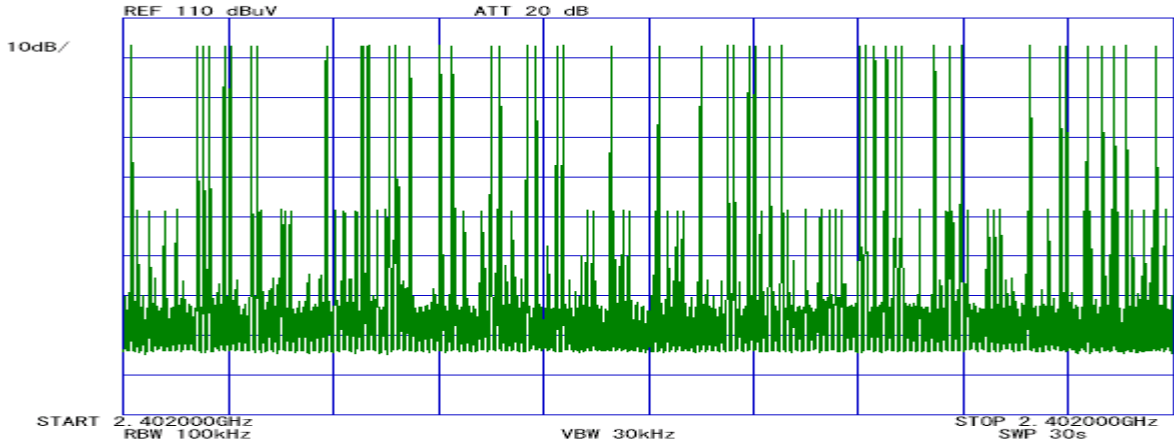
## 3. Page: 32ch



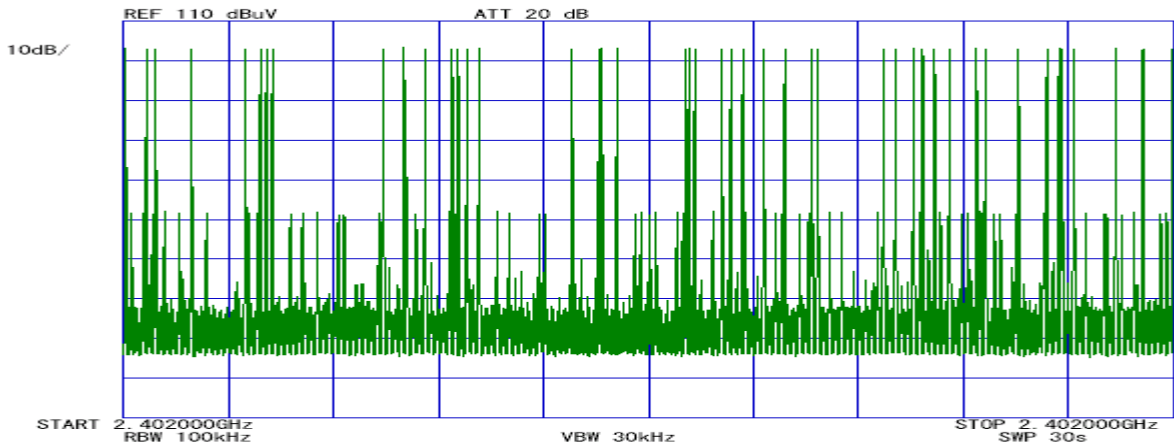
**Dwell Time: FCC 15.247(a)(1)(iii)**

<b>COMPANY</b>	<b>: PIONEER CORPORATION</b>	<b>UL Apex Co.,Ltd. Yamakita No.2 Shielded Room</b>
<b>EQUIPMENT</b>	<b>: Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner</b>	<b>REPORT NO : 27DE0253-YK-A</b>
<b>MODEL NUMBER</b>	<b>: DEH-P7900BT/DEH-P790BT</b>	<b>REGULATION : Fcc Part15SubpartC 247(a)(1)(iii)</b>
<b>SERIAL NUMBER</b>	<b>: TPFK000036</b>	<b>DATE : 2006/12/27</b>
<b>FCC ID</b>	<b>: AJDK014</b>	<b>TEMP./HUMI : 26deg.C./35%</b>
<b>POWER</b>	<b>: DC12.0V</b>	<b>TEST MODE : Transmitting</b>
		<b>ENGINEER : Toyokazu Imamura</b>

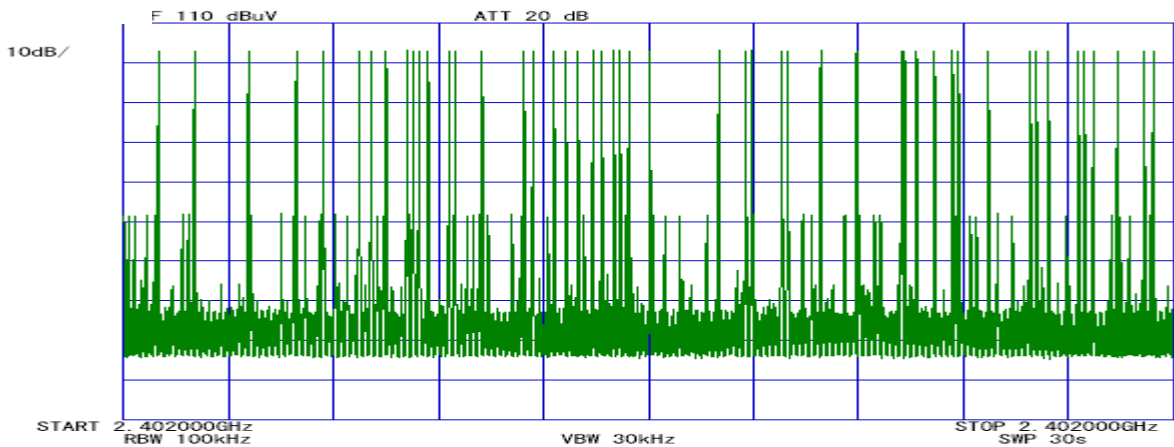
**Hopping:**  
**Count 1**



**Count 2**



**Count 3**



**Dwell Time: FCC 15.247(a)(1)(iii)**

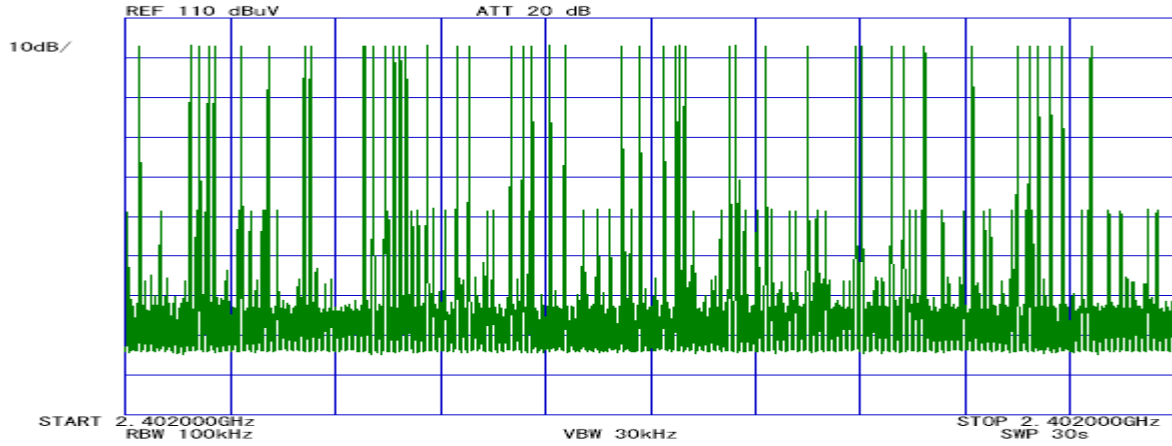
UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

**COMPANY** : PIONEER CORPORATION  
**EQUIPMENT** : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

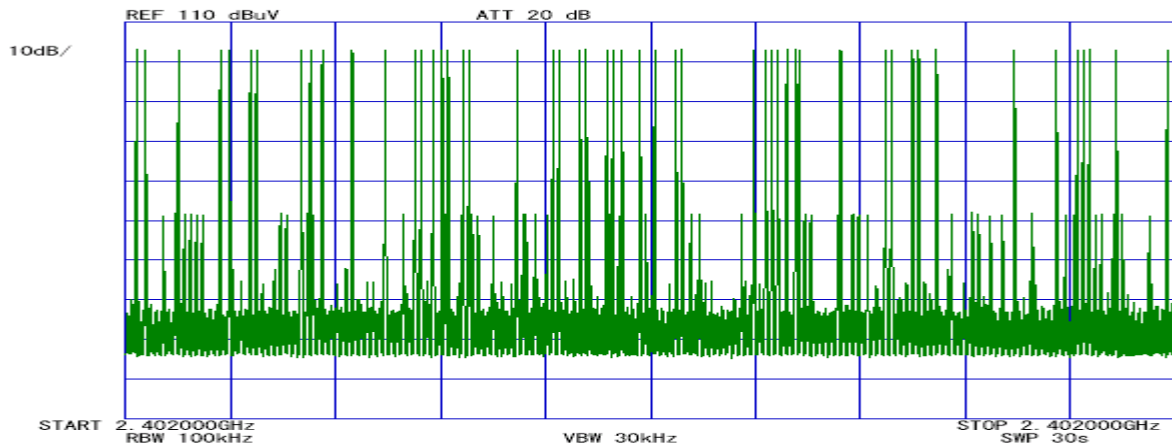
**REPORT NO** : 27DE0253-YK-A

**MODEL NUMBER**: DEH-P7900BT/DEH-P790BT  
**SERIAL NUMBER**: TPFK000036  
**FCC ID** : AJDK014  
**POWER** : DC12.0V  
**Count 4**

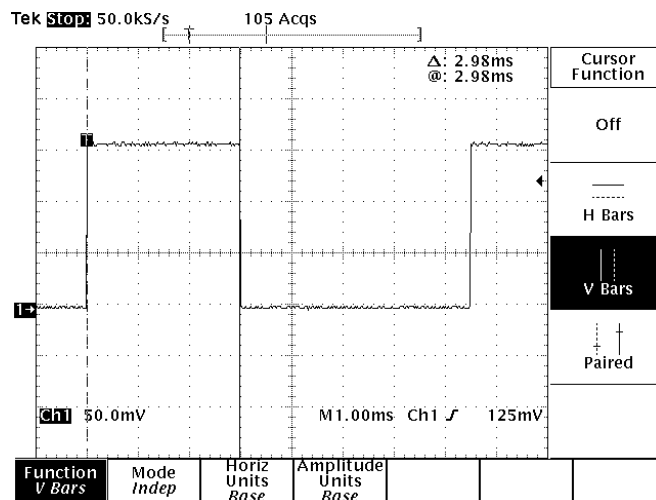
**REGULATION** : Fcc Part15SubpartC 247(a)(1)(iii)  
**DATE** : 2006/12/27  
**TEMP./HUMI** : 26deg.C./35%  
**TEST MODE** : Transmitting  
**ENGINEER** : Toyokazu Imamura



**Count 5**



**Duty cycle(Hopping)**

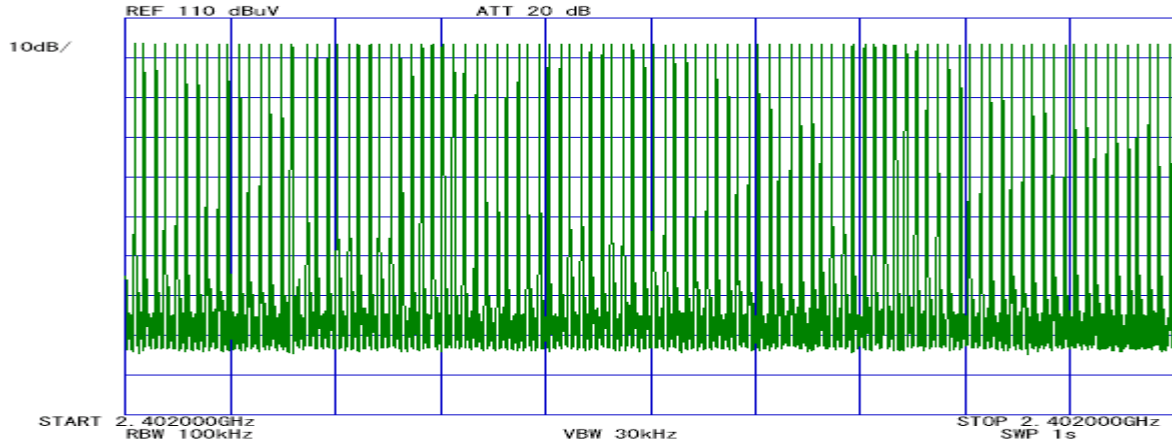


Average times of rising in 30 sec. of sweep = (48 + 44 + 49 + 46 + 51) / 5 = 47.6  
 Average times of rising in 1 sec. = 47.6 / 30s = 1.59  
 Average times of rising in 0.4x = 0.4 \* 79ch \* 1.59 = 50.24  
 Dwell time = 50.24 \* 2.98 = 149.72 [ms]  
 Limit : Dwell Time < 0.4[s]

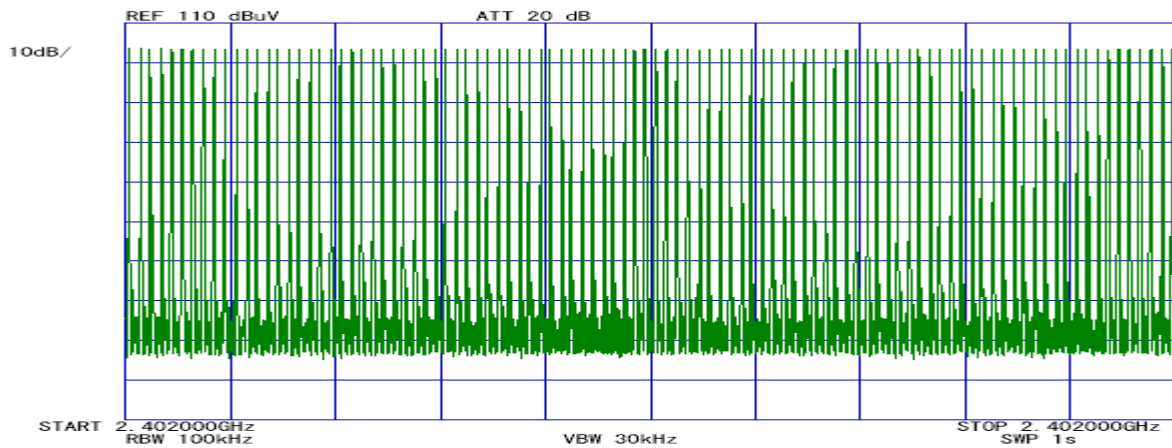
**Dwell Time: FCC 15.247(a)(1)(iii)**

<b>COMPANY</b>	: PIONEER CORPORATION	<b>UL Apex Co.,Ltd. Yamakita No.2 Shielded Room</b>
<b>EQUIPMENT</b>	: Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner	<b>REPORT NO</b> : 27DE0253-YK-A
<b>MODEL NUMBER</b>	: DEH-P7900BT/DEH-P790BT	<b>REGULATION</b> : Fcc Part15SubpartC 247(a)(1)(iii)
<b>SERIAL NUMBER</b>	: TPFK000036	<b>DATE</b> : 2006/12/27
<b>FCC ID</b>	: AJDK014	<b>TEMP./HUMI</b> : 26deg.C./35%
<b>POWER</b>	: DC12.0V	<b>TEST MODE</b> : Transmitting
		<b>ENGINEER</b> : Toyokazu Imamura

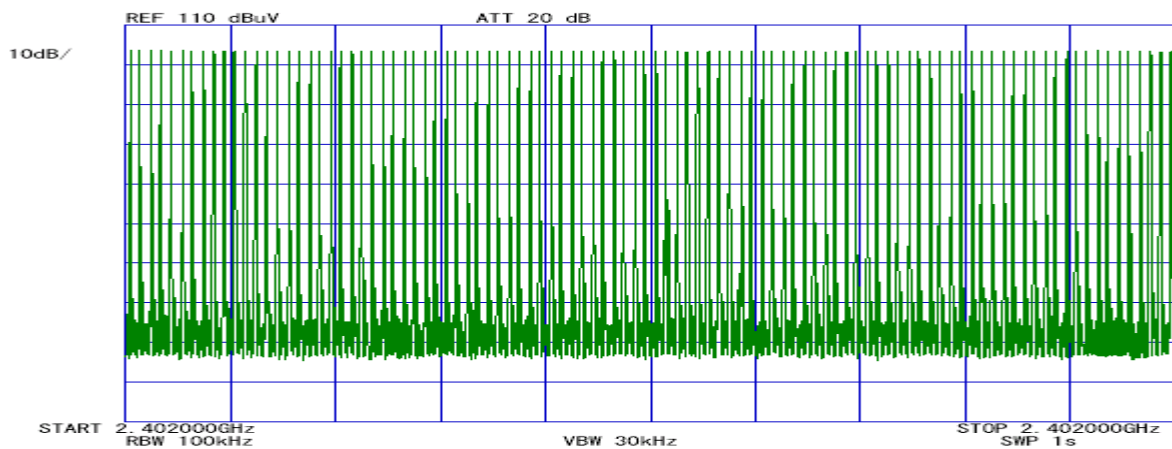
**Inquiry:**  
**Count 1**



**Count 2**



**Count 3**

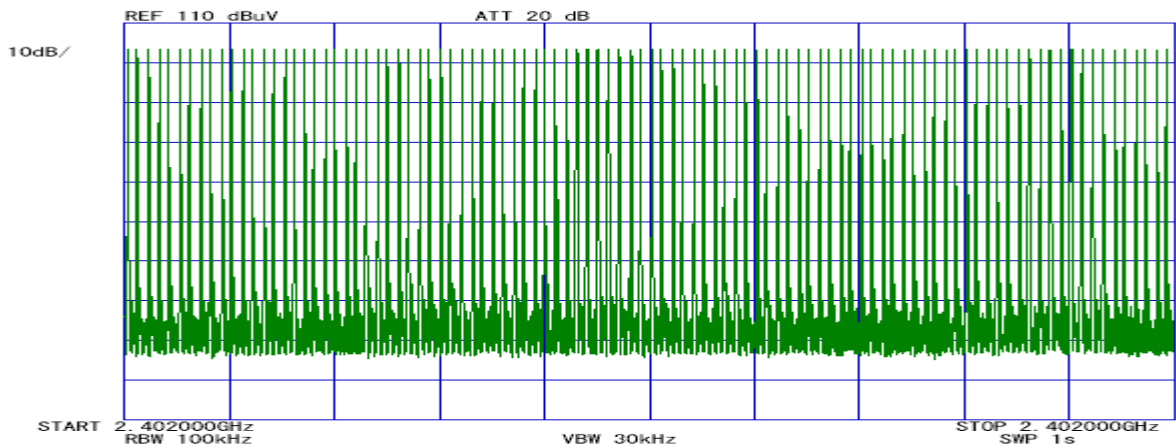
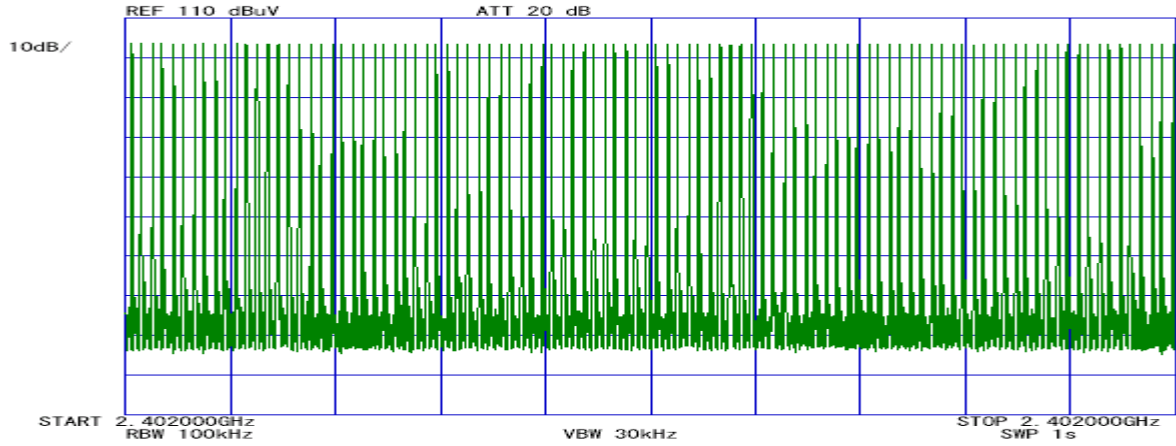




**Dwell Time: FCC 15.247(a)(1)(iii)**

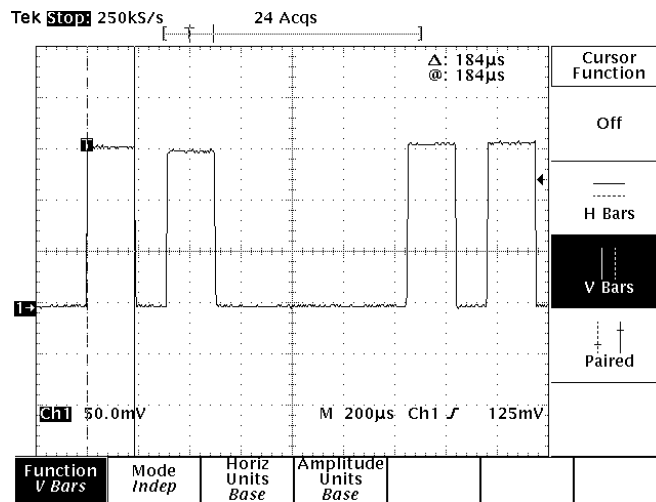
<b>COMPANY</b>	: PIONEER CORPORATION	<b>UL Apex Co.,Ltd. Yamakita No.2 Shielded Room</b>
<b>EQUIPMENT</b>	: Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner	<b>REPORT NO</b> : 27DE0253-YK-A
<b>MODEL NUMBER</b>	: DEH-P7900BT/DEH-P790BT	<b>REGULATION</b> : Fcc Part15SubpartC 247(a)(1)(iii)
<b>SERIAL NUMBER</b>	: TPFK000036	<b>DATE</b> : 2006/12/27
<b>FCC ID</b>	: AJDK014	<b>TEMP./HUMI</b> : 26deg.C./35%
<b>POWER</b>	: DC12.0V	<b>TEST MODE</b> : Transmitting
		<b>ENGINEER</b> : Toyokazu Imamura

Count 4



Count 5

Duty cycle(Inquiry)



Average times of rising in 30 sec. of sweep = (99 + 100 + 100 + 100 + 100) / 5 = 99.8

Average times of rising in 1 sec. = 99.8 / 1s = 99.8

Average times of rising in 0.4x = 0.4 \* 32ch \* 99.8 = 1277.44

Dwell time = 1277.44 \* 0.184 = 235.05 [ms]

Limit : Dwell Time < 0.4[s]

**Dwell Time: FCC 15.247(a)(1)(iii)**

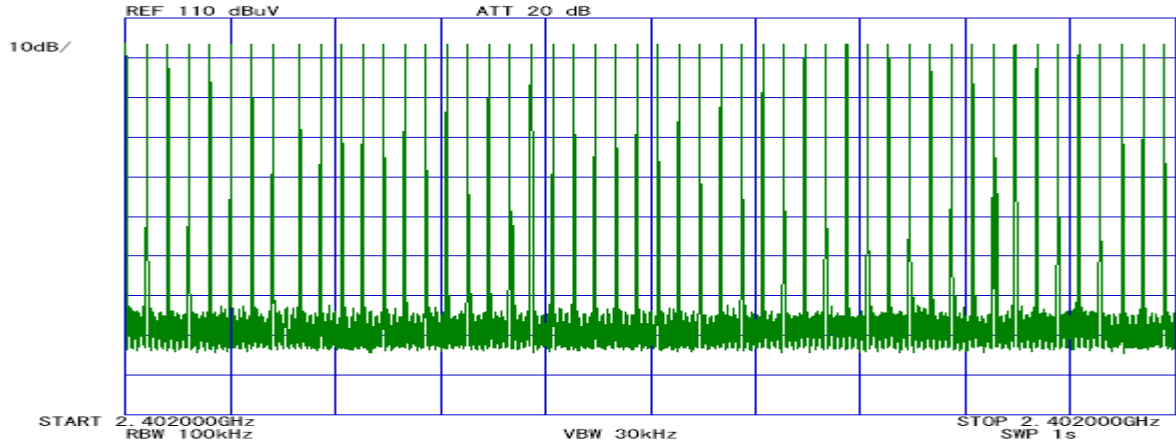
**COMPANY** : PIONEER CORPORATION  
**EQUIPMENT** : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

**UL Apex Co.,Ltd. Yamakita No.2 Shielded Room**  
**REPORT NO** : 27DE0253-YK-A

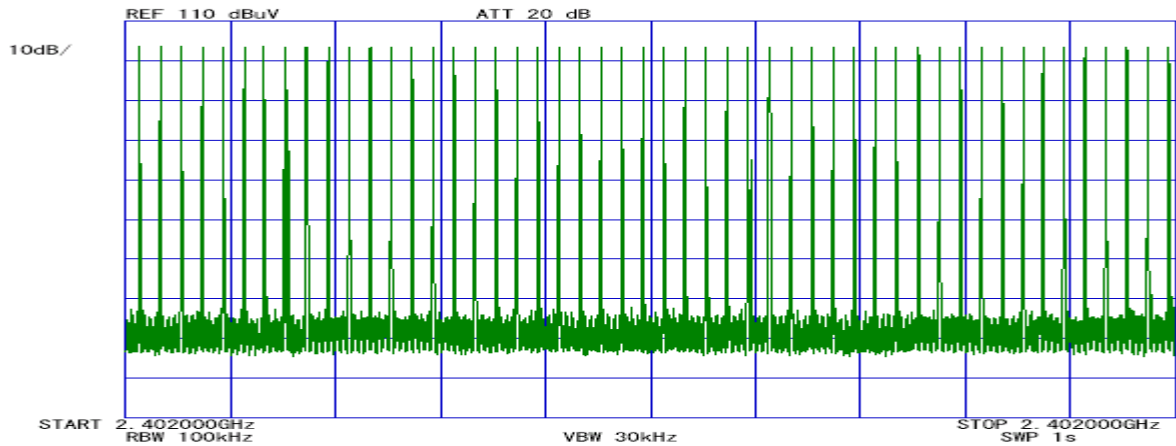
**MODEL NUMBER**: DEH-P7900BT/DEH-P790BT  
**SERIAL NUMBER**: TPFK000036  
**FCC ID** : AJDK014  
**POWER** : DC12.0V

**REGULATION** : Fcc Part15SubpartC 247(a)(1)(iii)  
**DATE** : 2006/12/27  
**TEMP./HUMI** : 26deg.C./35%  
**TEST MODE** : Transmitting  
**ENGINEER** : Toyokazu Imamura

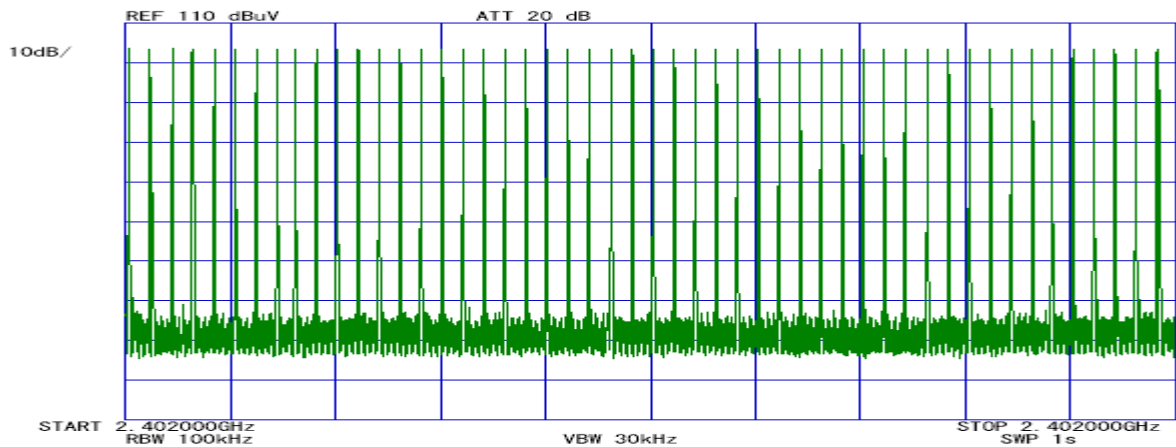
Page:  
Count 1



Count 2



Count 3



## Dwell Time: FCC 15.247(a)(1)(iii)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

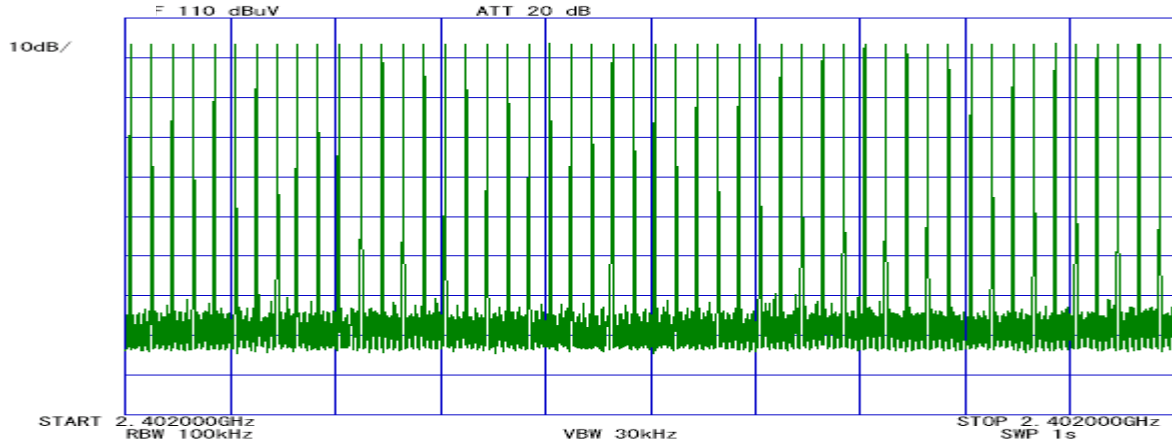
**COMPANY** : PIONEER CORPORATION  
**EQUIPMENT** : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

**REPORT NO** : 27DE0253-YK-A

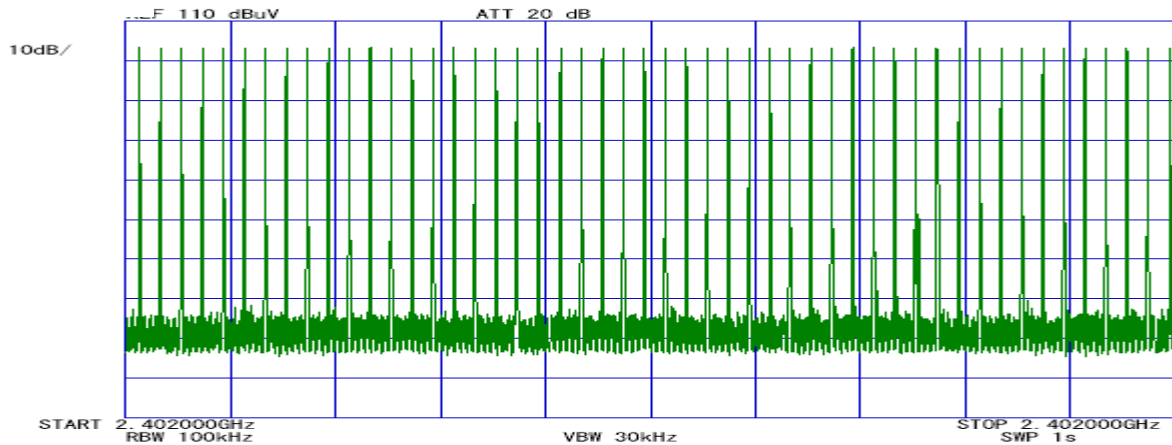
**MODEL NUMBER**: DEH-P7900BT/DEH-P790BT  
**SERIAL NUMBER**: TPFK000036  
**FCC ID** : AJDK014  
**POWER** : DC12.0V

**REGULATION** : Fcc Part15SubpartC 247(a)(1)(iii)  
**DATE** : 2006/12/27  
**TEMP./HUMI** : 26deg.C./35%  
**TEST MODE** : Transmitting  
**ENGINEER** : Toyokazu Imamura

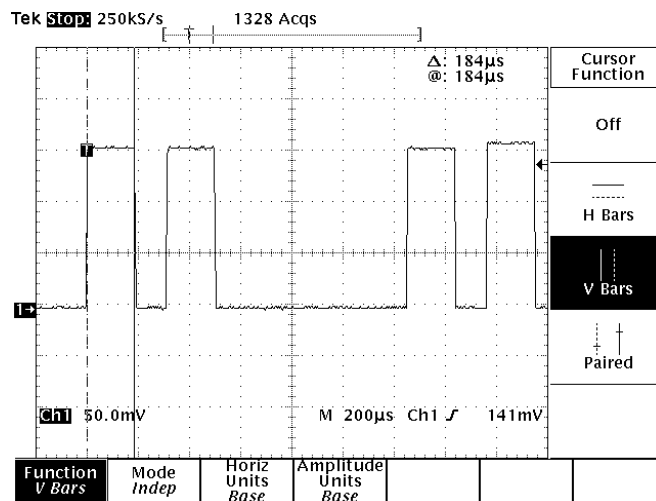
**Count 4**



**Count 5**



**Duty cycle(Page)**



Average times of rising in 30 sec. of sweep =  $(50 + 50 + 50 + 50 + 50) / 5 = 50$

Average times of rising in 1 sec. =  $50 / 1s = 50$

Average times of rising in 0.4x =  $0.4 * 32ch * 50 = 640$

Dwell time =  $640 * 0.184 = 117.76 [ms]$

Limit : Dwell Time < 0.4[s]

# Maximum Peak Conducted Output Power

UL Apex Co.,Ltd  
YAMAKITA No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner  
MODEL NUMBER : DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER : TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V  
TEST MODE : Transmitting

REPORT NO : 27DE0253-YK-A  
REGULATION : Fcc Part15SubpartC 247(b)(1)  
DATE : 2006/12/27  
TEMP./HUMI : 26deg.C/35%

ENGINEER : Toyokazu Imamura

CH	FREQ [GHz]	P/M Reading [dBm]	Cable Loss [dB]	Results [dBm]	Limit (125mW) [dBm]	MARGIN [dB]
Low	2402.00	-1.62	1.11	-0.51	20.96	21.47
Mid	2441.00	-1.58	1.03	-0.55	20.96	21.51
High	2480.00	-2.17	0.93	-1.24	20.96	22.20
Hopping	-	-1.58	1.11	-0.47	20.96	21.43
Inquiry	-	-1.60	1.11	-0.49	20.96	21.45
page	-	-1.58	1.11	-0.47	20.96	21.43

Limit: 125mW=20.96dBm

P/M: Power Meter

CABLE LOSS:KCC-D7+client's cable

# Out of Band Emission(Antenna Terminal Conducted): FCC 15.247(d)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
 EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

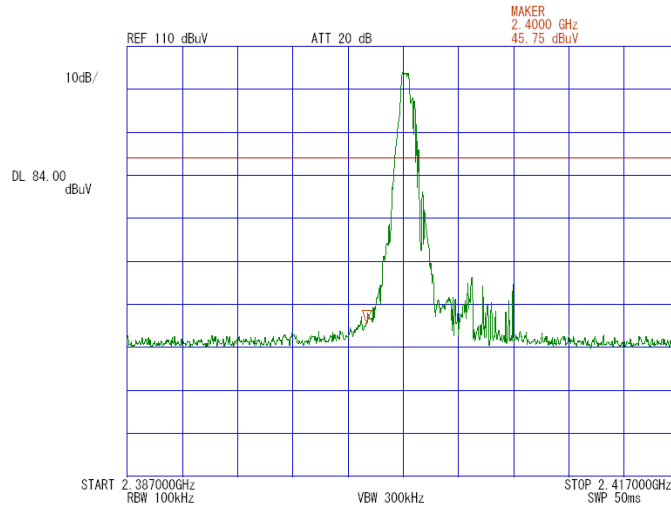
REPORT NO : 27DE0253-YK-A

MODEL NUMBER: DEH-P7900BT/DEH-P790BT  
 SERIAL NUMBER: TPFK000036  
 FCC ID : AJDK014  
 POWER : DC12.0V

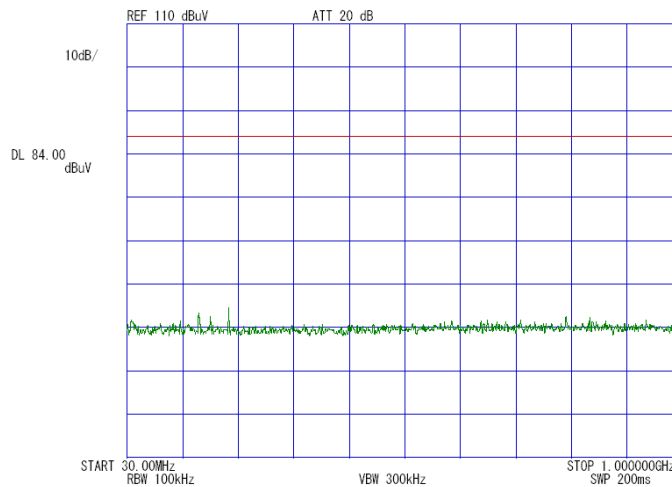
REGULATION : Fcc Part15SubpartC 247(d)  
 DATE : 2006/12/27  
 TEMP/HUMI : 26deg.C./35%  
 TEST MODE : Hopping off  
 ENGINEER : Toyokazu Imamura

[Transmitting]  
 Ch:2402MHz

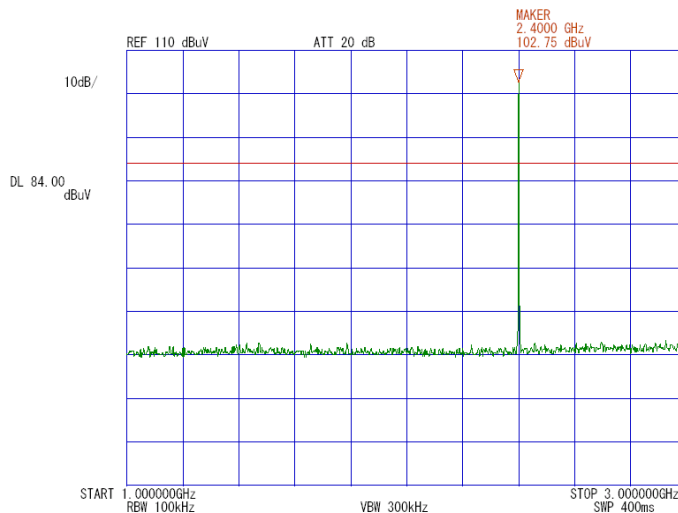
1.



2.



3.



# Out of Band Emission(Antenna Terminal Conducted): FCC 15.247(d)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
 EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

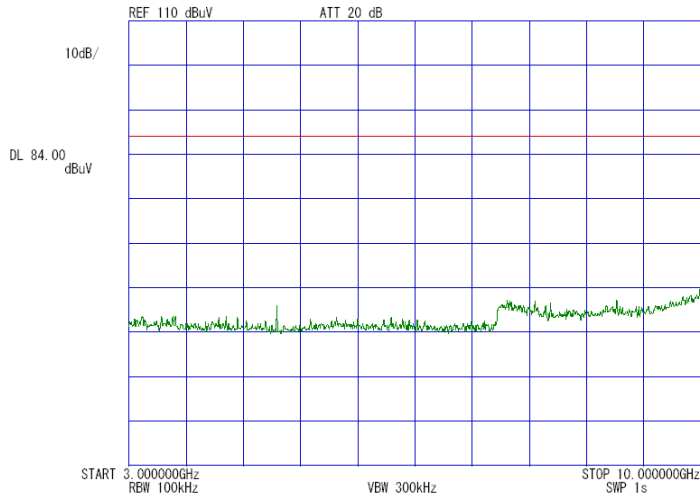
REPORT NO : 27DE0253-YK-A

MODEL NUMBER: DEH-P7900BT/DEH-P790BT  
 SERIAL NUMBER: TPFK000036  
 FCC ID : AJDK014  
 POWER : DC12.0V

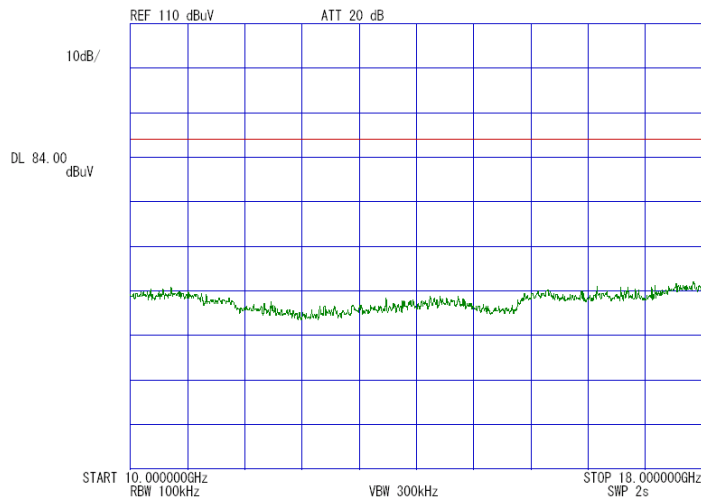
REGULATION : Fcc Part15SubpartC 247(d)  
 DATE : 2006/12/27  
 TEMP/HUMI : 26deg.C./35%  
 TEST MODE : Hopping off  
 ENGINEER : Toyokazu Imamura

[Transmitting]  
 Ch:2402MHz

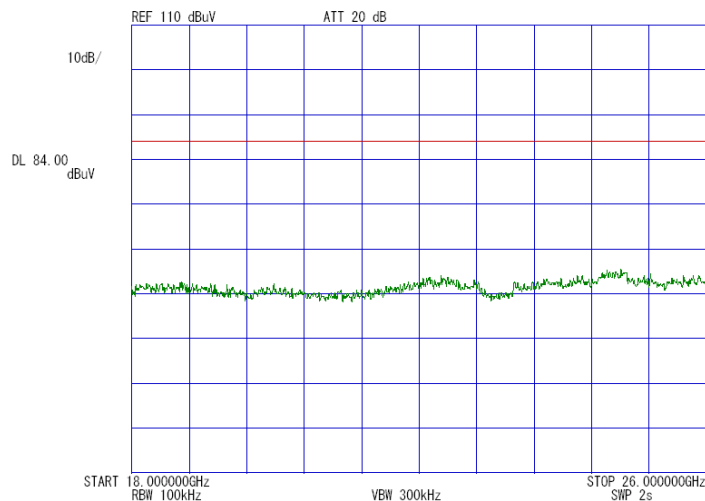
4.



5.



6.



# Out of Band Emission(Antenna Terminal Conducted): FCC 15.247(d)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

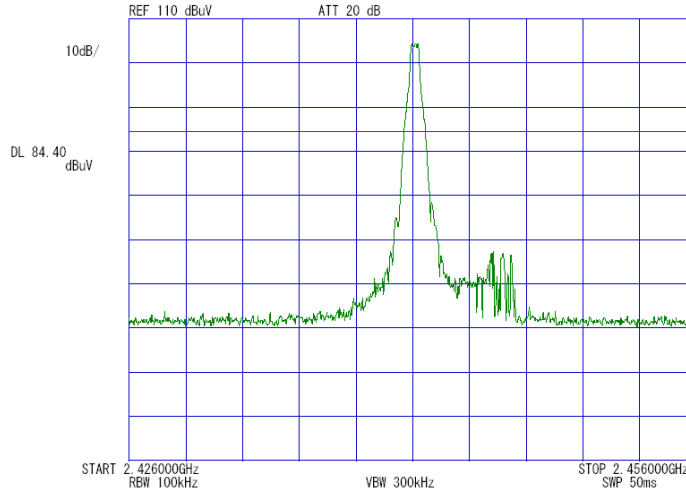
REPORT NO : 27DE0253-YK-A

MODEL NUMBER: DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER: TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V

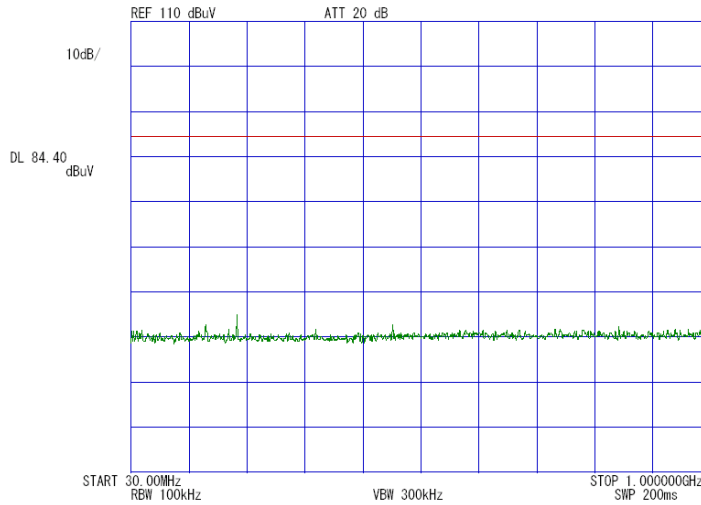
REGULATION : Fcc Part15SubpartC 247(d)  
DATE : 2006/12/27  
TEMP/HUMI : 26deg.C./35%  
TEST MODE : Hopping off  
ENGINEER : Toyokazu Imamura

[Transmitting]  
Ch:2441MHz

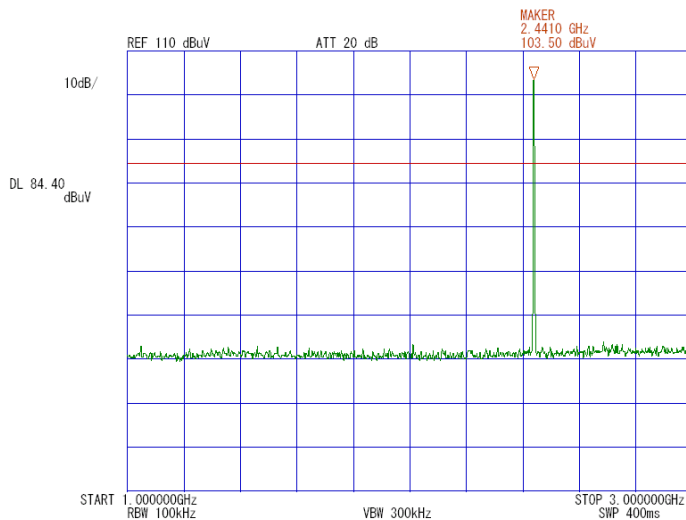
1.



2.



3.



# Out of Band Emission(Antenna Terminal Conducted): FCC 15.247(d)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
 EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

REPORT NO : 27DE0253-YK-A

REGULATION : Fcc Part15SubpartC 247(d)

MODEL NUMBER: DEH-P7900BT/DEH-P790BT

DATE : 2006/12/27

SERIAL NUMBER: TPFK000036

TEMP/HUMI : 26deg.C./35%

FCC ID : AJDK014

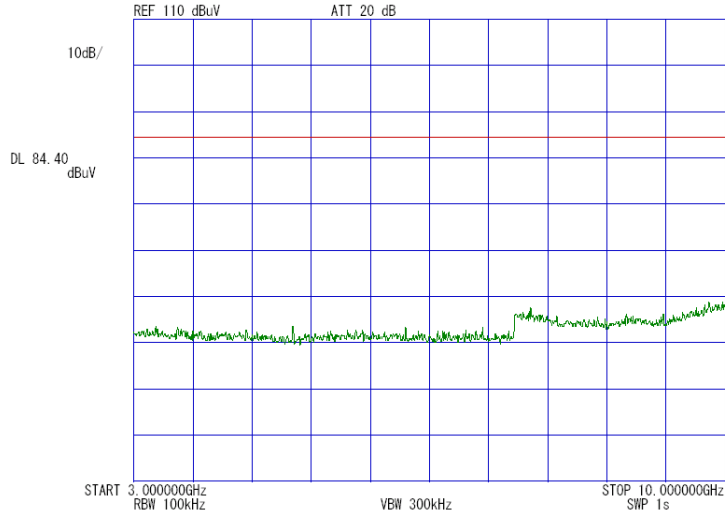
TEST MODE : Hopping off

POWER : DC12.0V

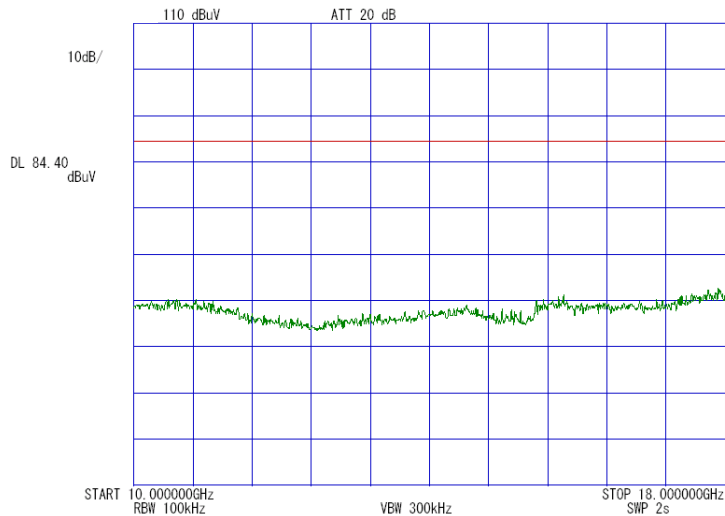
ENGINEER : Toyokazu Imamura

[Transmitting]  
 Ch:2441MHz

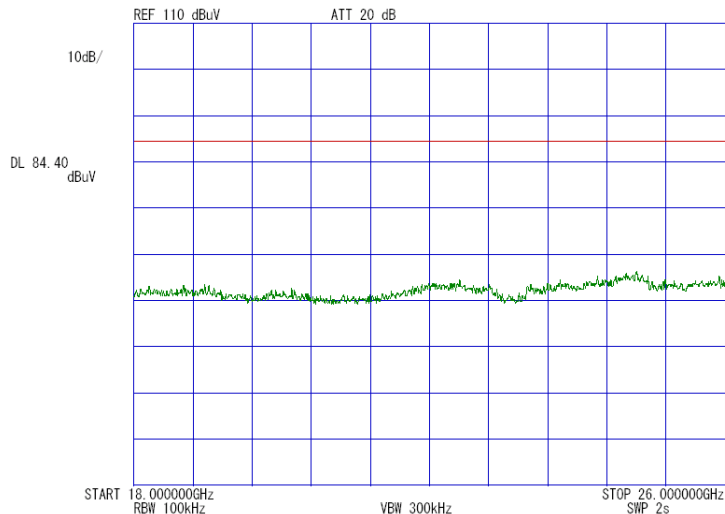
4.



5.



6.





# Out of Band Emission(Antenna Terminal Conducted): FCC 15.247(d)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

COMPANY : PIONEER CORPORATION  
 EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

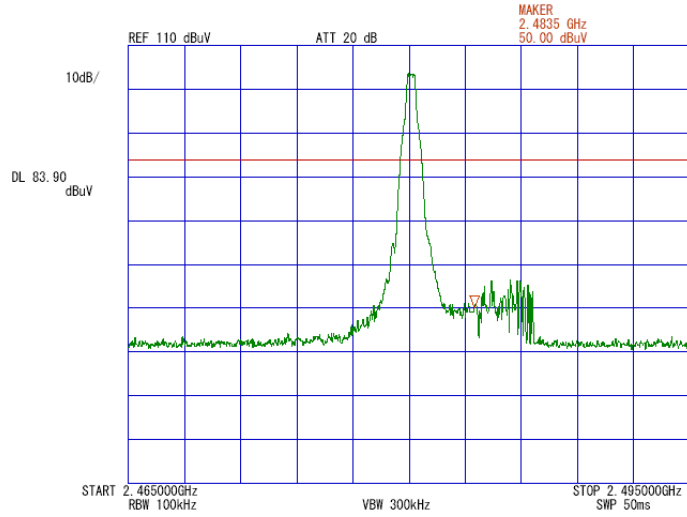
REPORT NO : 27DE0253-YK-A

MODEL NUMBER: DEH-P7900BT/DEH-P790BT  
 SERIAL NUMBER: TPFK000036  
 FCC ID : AJDK014  
 POWER : DC12.0V

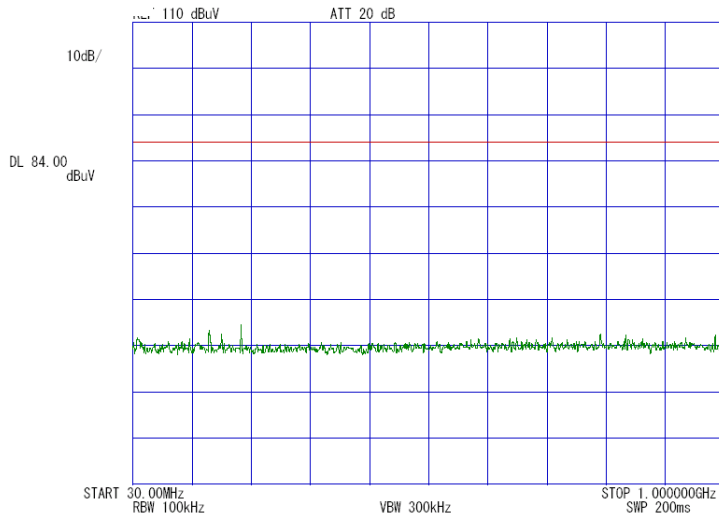
REGULATION : Fcc Part15SubpartC 247(d)  
 DATE : 2006/12/27  
 TEMP/HUMI : 26deg.C./35%  
 TEST MODE : Hopping off  
 ENGINEER : Toyokazu Imamura

[Transmitting]  
 Ch:2480MHz

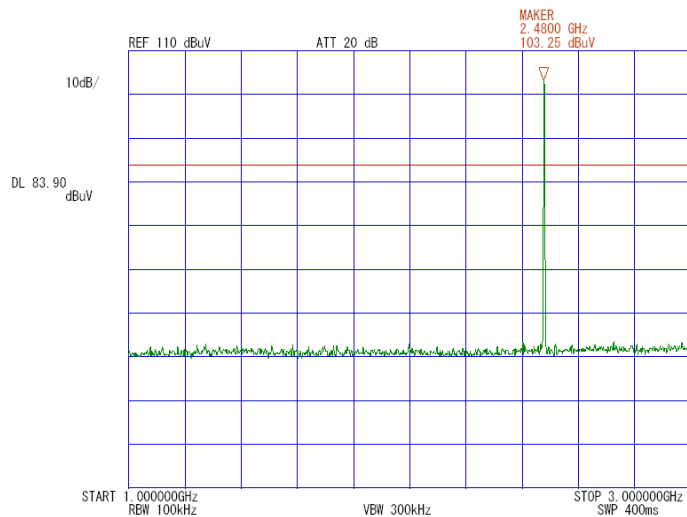
1.



2.



3.



## Out of Band Emission(Antenna Terminal Conducted): FCC 15.247(d)

UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

**COMPANY** : PIONEER CORPORATION  
**EQUIPMENT** : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

**REPORT NO** : 27DE0253-YK-A

**REGULATION** : Fcc Part15SubpartC 247(d)

**MODEL NUMBER** : DEH-P7900BT/DEH-P790BT

**DATE** : 2006/12/27

**SERIAL NUMBER** : TPFK000036

**TEMP./HUMI** : 26deg.C./35%

**FCC ID** : AJDK014

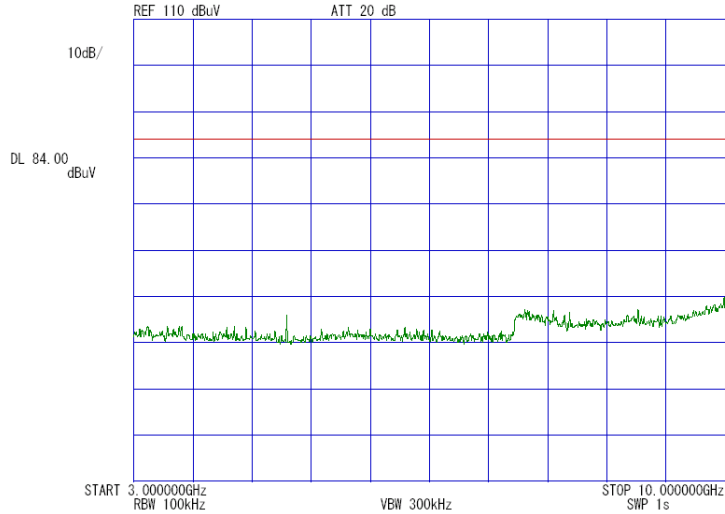
**TEST MODE** : Hopping off

**POWER** : DC12.0V

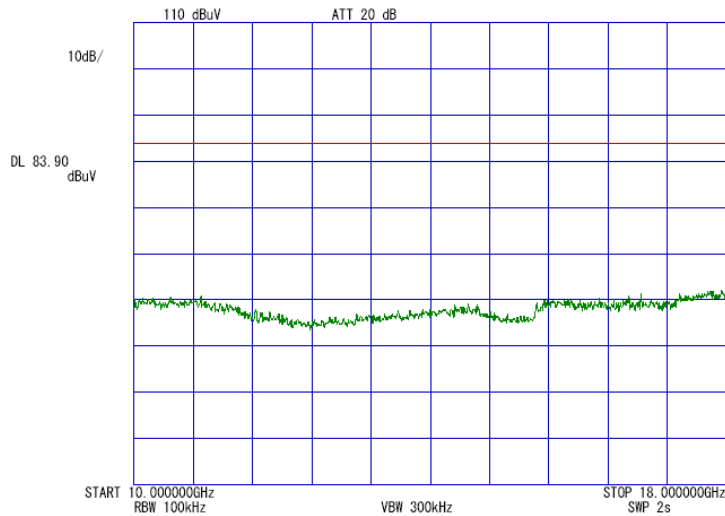
**ENGINEER** : Toyokazu Imamura

**[Transmitting]**  
**Ch:2480MHz**

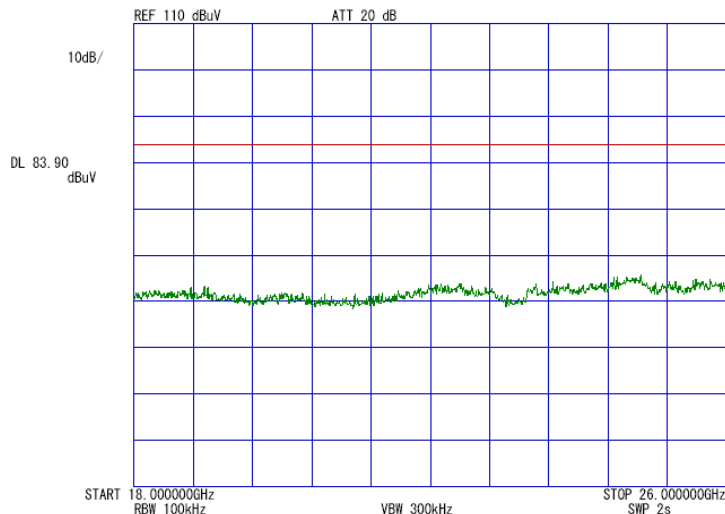
4.



5.



6.



# DATA OF RADIATION TEST

UL Apex Co.,Ltd.

YAMAKITA No.1 ANECHOIC CHAMBER

Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2402MHz  
Remarks :  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209

Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	458.84	BB	28.2	28.1	18.3	28.9	5.0	6.0	28.6	28.5	46.0	17.4	17.5
2.	492.83	BB	31.3	30.1	18.5	29.0	5.1	6.0	31.9	30.7	46.0	14.1	15.3
3.	526.82	BB	29.3	31.3	18.8	29.2	5.2	6.0	30.1	32.1	46.0	15.9	13.9

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

■ ANTENNA : KBA-03 (BBA9106) 30-299.99MHz/KLA-03 (USLP9143) 300-1000MHz  
■ CABLE : KCC-30/31/32/34 ■ PREAMP : KAF-05 (8447D) ■ EMI RECEIVER : KTR-R1 (ESS)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2441MHz  
Remarks :  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C Engineer : Toyokazu Imamura  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209

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.	458.84	BB	28.3	29.1	18.3	28.9	5.0	6.0	28.7	29.5	46.0	17.3	16.5	
2.	492.82	BB	31.2	30.1	18.5	29.0	5.1	6.0	31.8	30.7	46.0	14.2	15.3	
3.	526.81	BB	30.5	31.4	18.8	29.2	5.2	6.0	31.3	32.2	46.0	14.7	13.8	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

■ ANTENNA : KBA-03 (BBA9106) 30-299.99MHz/KLA-03 (USLP9143) 300-1000MHz  
■ CABLE : KCC-30/31/32/34 ■ PREAMP : KAF-05 (8447D) ■ EMI RECEIVER : KTR-R1 (ESS)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.

YAMAKITA No.1 ANECHOIC CHAMBER

Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2480MHz  
Remarks :  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209

Engineer : Toyokazu Imamura

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.	458.84	BB	28.3	29.1	18.3	28.9	5.0	6.0	28.7	29.5	46.0	17.3	16.5	
2.	492.83	BB	31.5	30.1	18.5	29.0	5.1	6.0	32.1	30.7	46.0	13.9	15.3	
3.	526.82	BB	30.4	31.4	18.8	29.2	5.2	6.0	31.2	32.2	46.0	14.8	13.8	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

■ ANTENNA : KBA-03 (BBA9106) 30-299.99MHz/KLA-03 (USLP9143) 300-1000MHz  
■ CABLE : KCC-30/31/32/34 ■ PREAMP : KAF-05 (8447D) ■ EMI RECEIVER : KTR-R1 (ESS)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
 Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
 Model No. : DEH-P7900BT/DEH-P790BT  
 Serial No. : TPFK000033  
 Power : DC12.0V  
 Mode : Tx:2402MHz  
 Remarks : PK  
 Date : 12/26/2006  
 Test Distance : 3 m  
 Temperature : 20 °C Engineer : Toyokazu Imamura  
 Humidity : 42 %  
 Regulation : FCC Part15C § 15.209 (PK Detection) 1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1597.57	BB	45.4	47.9	26.5	36.9	3.4	0.0	38.4	40.9	74.0	35.6	33.1
2.	2390.00	BB	43.4	43.4	29.8	36.8	4.0	0.0	40.4	40.4	74.0	33.6	33.6
3.	4804.00	BB	44.1	44.7	33.8	37.1	5.8	0.0	46.6	47.2	74.0	27.4	26.8
4.	7206.00	BB	41.7	41.6	37.5	36.9	6.6	0.0	48.9	48.8	74.0	25.1	25.2
5.	9608.00	BB	41.0	41.1	38.9	37.0	7.6	0.0	50.5	50.6	74.0	23.5	23.4

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ ANTENNA:KHA-01 (SAS-200 571) 1-18GHz/KHA-03 (3160-09) 18-26GHz  
 ■ CABLE:KCC-D3/D7 ■ PREAMP:KAF-02 (8449B) ■ SPECTRUMANALYZER: R3271A (KSA-04)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2402MHz  
Remarks : AV  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C Engineer : Toyokazu Imamura  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209(AV Detection)1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
1.	1597.57	BB	34.4	39.4	26.5	36.9	3.4	0.0	27.4	32.4	54.0	26.6	21.6
2.	2390.00	BB	33.2	33.2	29.8	36.8	4.0	0.0	30.2	30.2	54.0	23.8	23.8
3.	4804.00	BB	32.9	33.3	33.8	37.1	5.8	0.0	35.4	35.8	54.0	18.6	18.2
4.	7206.00	BB	31.0	31.0	37.5	36.9	6.6	0.0	38.2	38.2	54.0	15.8	15.8
5.	9608.00	BB	31.2	31.1	38.9	37.0	7.6	0.0	40.7	40.6	54.0	13.3	13.4

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ ANTENNA:KHA-01 (SAS-200 571) 1-18GHz/KHA-03 (3160-09) 18-26GHz  
■ CABLE:KCC-D3/D7 ■ PREAMP:KAF-02 (8449B) ■ SPECTRUMANALYZER: R3271A (KSA-04)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2441MHz  
Remarks : PK  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C Engineer : Toyokazu Imamura  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209 (PK Detection) 1-26GHz:3m/26-40GHz:1m

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.	1665.48	BB	45.0	46.6	27.1	36.8	3.5	0.0	38.8	40.4	74.0	35.2	33.6	
2.	4882.00	BB	42.8	43.2	34.0	37.2	5.8	0.0	45.4	45.8	74.0	28.6	28.2	
3.	7323.00	BB	41.9	40.6	37.6	37.0	6.7	0.0	49.2	47.9	74.0	24.8	26.1	
4.	9764.00	BB	40.9	40.7	38.8	37.0	7.6	0.0	50.3	50.1	74.0	23.7	23.9	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

■ ANTENNA: KHA-01 (SAS-200 571) 1-18GHz/KHA-03 (3160-09) 18-26GHz  
■ CABLE: KCC-D3/D7 ■ PREAMP: KAF-02 (8449B) ■ SPECTRUMANALYZER: R3271A (KSA-04)



# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2441MHz  
Remarks : AV  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C Engineer : Toyokazu Imamura  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209(AV Detection)1-26GHz:3m/26-40GHz:1m

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.	1665.48	BB	33.2	40.2	27.1	36.8	3.5	0.0	27.0	34.0	54.0	27.0	20.0	
2.	4882.00	BB	31.2	31.7	34.0	37.2	5.8	0.0	33.8	34.3	54.0	20.2	19.7	
3.	7323.00	BB	30.2	30.6	37.6	37.0	6.7	0.0	37.5	37.9	54.0	16.5	16.1	
4.	9764.00	BB	31.8	30.8	38.8	37.0	7.6	0.0	41.2	40.2	54.0	12.8	13.8	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

■ ANTENNA: KHA-01 (SAS-200 571) 1-18GHz/KHA-03 (3160-09) 18-26GHz  
■ CABLE: KCC-D3/D7 ■ PREAMP: KAF-02 (8449B) ■ SPECTRUMANALYZER: R3271A (KSA-04)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
 Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
 Model No. : DEH-P7900BT/DEH-P790BT  
 Serial No. : TPFK000033  
 Power : DC12.0V  
 Mode : Tx:2480MHz  
 Remarks : PK  
 Date : 12/26/2006  
 Test Distance : 3 m  
 Temperature : 20 °C Engineer : Toyokazu Imamura  
 Humidity : 42 %  
 Regulation : FCC Part15C § 15.209 (PK Detection) 1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1665.54	BB	44.0	47.9	27.1	36.8	3.5	0.0	37.8	41.7	74.0	36.2	32.3
2.	2483.50	BB	51.6	57.2	29.7	36.8	4.0	0.0	48.5	54.1	74.0	25.5	19.9
3.	4960.00	BB	41.5	43.0	34.2	37.3	5.8	0.0	44.2	45.7	74.0	29.8	28.3
4.	7440.00	BB	41.2	41.1	37.8	37.0	6.7	0.0	48.7	48.6	74.0	25.3	25.4
5.	9920.00	BB	43.9	42.5	38.7	36.9	7.6	0.0	53.3	51.9	74.0	20.7	22.1

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ ANTENNA:KHA-01 (SAS-200 571) 1-18GHz/KHA-03 (3160-09) 18-26GHz  
 ■ CABLE:KCC-D3/D7 ■ PREAMP:KAF-02 (8449B) ■ SPECTRUMANALYZER: R3271A (KSA-04)

# DATA OF RADIATION TEST

UL Apex Co.,Ltd.  
YAMAKITA No.1 ANECHOIC CHAMBER  
Report No. : 27DE0253-YK-A

Applicant : PIONEER CORPORATION  
Kind of Equipment : Multi-CD control High power CD/MP3/WMA/AAC player with Bluetooth Wireless Technology and FM/AM tuner  
Model No. : DEH-P7900BT/DEH-P790BT  
Serial No. : TPFK000033  
Power : DC12.0V  
Mode : Tx:2480MHz  
Remarks : AV  
Date : 12/26/2006  
Test Distance : 3 m  
Temperature : 20 °C Engineer : Toyokazu Imamura  
Humidity : 42 %  
Regulation : FCC Part15C § 15.209(AV Detection)1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
1.	1665.54	BB	33.0	41.6	27.1	36.8	3.5	0.0	26.8	35.4	54.0	27.2	18.6
2.	2483.50	BB	40.3	43.2	29.7	36.8	4.0	0.0	37.2	40.1	54.0	16.8	13.9
3.	4960.00	BB	30.4	32.0	34.2	37.3	5.8	0.0	33.1	34.7	54.0	20.9	19.3
4.	7440.00	BB	30.7	30.7	37.8	37.0	6.7	0.0	38.2	38.2	54.0	15.8	15.8
5.	9920.00	BB	32.3	32.3	38.7	36.9	7.6	0.0	41.7	41.7	54.0	12.3	12.3

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ ANTENNA:KHA-01 (SAS-200 571) 1-18GHz/KHA-03 (3160-09) 18-26GHz  
■ CABLE:KCC-D3/D7 ■ PREAMP:KAF-02 (8449B) ■ SPECTRUMANALYZER: R3271A (KSA-04)

## Occupied Bandwidth(99%)

COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

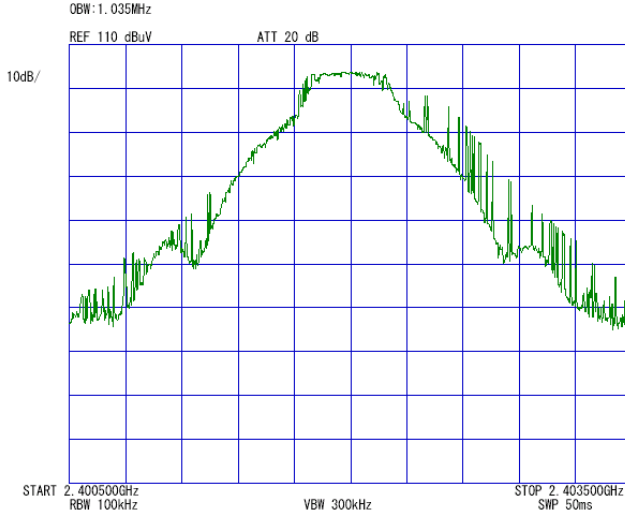
UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

REPORT NO : 27DE0253-YK-A

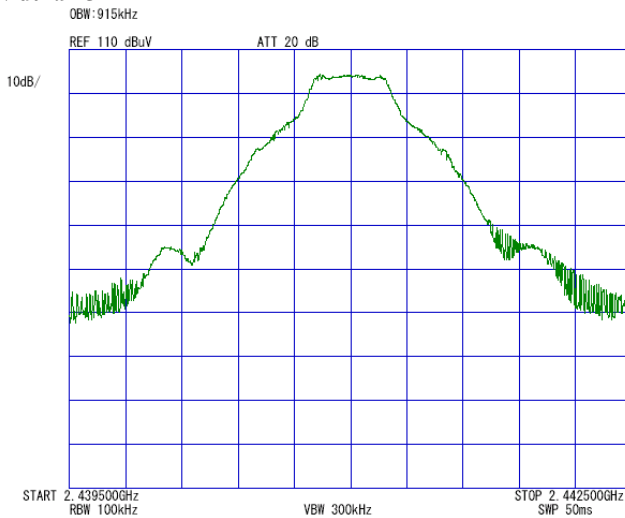
MODEL NUMBER : DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER : TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V

REGULATION : RSS-210  
DATE : 2006/12/27  
TEMP/HUMI : 26deg.C./35%  
TEST MODE : Transmitting  
ENGINEER : Toyokazu Imamura

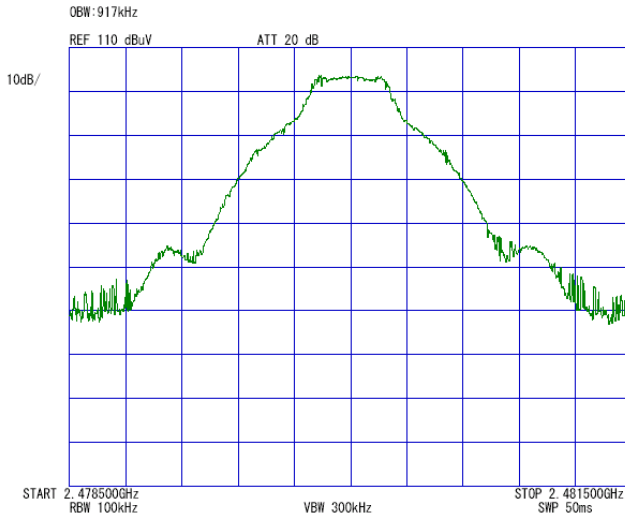
### 1. ch : 2402MHz/Occupied Bandwidth:1035kHz



### 2. ch : 2441MHz/Occupied Bandwidth:915kHz



### 3. ch : 2480MHz/Occupied Bandwidth:917kHz



## Occupied Bandwidth(99%)

COMPANY : PIONEER CORPORATION  
EQUIPMENT : Multi-CD Control High Power CD/MP3/WMA/AAC Player with Bluetooth Wireless Technology and FM/AM Tuner

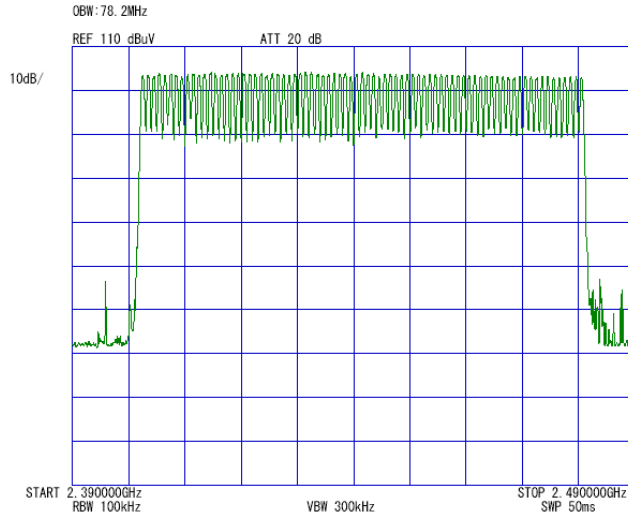
UL Apex Co.,Ltd. Yamakita No.2 Shielded Room

REPORT NO : 27DE0253-YK-A

MODEL NUMBER: DEH-P7900BT/DEH-P790BT  
SERIAL NUMBER: TPFK000036  
FCC ID : AJDK014  
POWER : DC12.0V

REGULATION : RSS-210  
DATE : 2006/12/27  
TEMP/HUMI : 26deg.C./35%  
TEST MODE : Transmitting  
ENGINEER : Toyokazu Imamura

### 4. Hopping/Occupied Bandwidth:78.2MHz



**APPENDIX 3**  
**Test Instruments**

**EMI test equipment**

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
YA-RE	Radiated emission(software)	UL-Apex	RE(Ver.1.5)	RE	-
KAEC-01(NSA)	Anechoic Chamber	JSE	Semi 3m	RE	2006/08/31 * 12
KAF-05	Pre Amplifier	Agilent	8447D	RE	2006/04/21 * 12
KAT6-01	Attenuator	INMET	18N-6dB	RE	2006/03/24 * 12
KBA-03	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/01/06 * 12
KCC-30/31/32 /34/KRM-03	Coaxial Cable/RF Relay Matrix	Fujikura/Suhner/TSJ	5D-2W/S04272B/RFM-E421	RE	2006/11/27 * 12
KLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2007/01/06 * 12
KSA-04	Spectrum Analyzer	Advantest	R3271A	RE/AT 1,2,3,4,6	2006/09/05 * 12
KOS-02	Humidity Indicator	Custom	CTH-190	RE/AT	2006/07/10 * 24
KJM-01	Measure	TAJIMA	GL19-55	RE	-
KTR-R1	Test Receiver	Rohde & Schwarz	ESS	RE	2006/07/15 * 12
KCC-D3/D7	Coaxial Cable	Rosenberger/Advantest	2201/JUN-08-01-061	RE	2006/04/11 * 12
KCC-D7	Coaxial Cable	Advantest	A01002	AT all	2006/04/11 * 12
KDT-01	Coaxial Crystal Detector	Agilent	8473C	AT 4	Pre Check
KHA-01	Horn Antenna	A.H.Systems	SAS-200/571	RE	2006/08/17 * 12
KHA-03	Horn Antenna	EMCO	3160-09	RE	2006/04/10 * 12
KPM-05	Power meter	Agilent	E4417A	AT 5	2006/02/16 * 12
KPSS-01	Power sensor	Agilent	E9327A	AT 5	2006/03/15 * 12

The expiration date of the calibration is the end of the expired month .

All equipment is calibrated with traceable calibrations . Each calibration is traceable to the national or international standards .

Test Item :

- RE: Out of Band Emission (Radiated)
- AT: Antenna terminal conducted test
  - 1: Carrier Frequency Separation
  - 2: 20dB Bandwidth
  - 3: Number of Hopping Frequency
  - 4: Dwell time
  - 5: Maximum Peak Output Power
  - 6: Out of Band Emission (Conducted)