RADIO TEST REPORT

Test Report No. : 26CE0053-HO-1c

Applicant	:	**Eastman Kodak Company**
Type of Equipment	:	**Bluetooth module**
Model No.	:	**BTMC2.0EDR-EP02A**
FCC ID	:	**PA4V610**
Test standard	:	**FCC Part 15 Subpart C Section 15.207, Section 15.247: 2006**
Test Result	:	**Complied**

1. This test report shall not be reproduced in full or partial, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with the above regulation. We hereby certify that the data contain a true representation of the EMC profile.
4. The test results in this report are traceable to the national or international standards.

Date of test: Feb.7 to Mar.12, 2006

Tested by:

Norihisa Hashimoto
EMC Services

Kenichi Adachi
EMC Services

Yasuyuki Fukui
EMC Services

Makoto Kosaka
EMC Services

Mitsuru Fujimura
EMC Services

Approved by :

Naoki Sakamoto
Group Leader of
EMC Services

UL Apex Co., Ltd.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone : +81 596 24 8116
Facsimile : +81 596 24 8124

CONTENTS **PAGE**

SECTION 1: Client information

Company Name	:	KODAK DIGITAL PRODUCT CENTER, JAPAN LTD *
Address	:	Yokohama Dia Building Kohokukan 1-1 Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0046 Japan
Telephone Number	:	+81-45-943-7764
Facsimile Number	:	+81-45-943-7500
Contact Person	:	Rie Goto

* KODAK DIGITAL PRODUCT CENTER, JAPAN LTD is on behalf of the applicant, Eastman Kodak Company.

SECTION 2: Equipment under test (E.U.T.)

2.1 Identification of E.U.T.

Type of Equipment	:	Bluetooth Module
Model No.	:	BTMC2.0EDR-EP02A
Serial No.	:	FMD_01 for Antenna Terminal Conducted test FMD_03 for Conducted Emission / Radiated Emission tests
Country of Manufacture	:	Japan
Receipt Date of Sample	:	February 6, 2006
Condition of EUT	:	Production prototype (Not for Sale: This sample is equivalent to mass-produced items.)

2.2 Prouct Description

Model No: BTMC2.0EDR-EP02A (referred to as the EUT in this report) is the Bluetooth Module.

Equipment Type	:	Transceiver
Frequency band	:	2402MHz-2480MHz
Bandwidth & Channel spacing	:	83.5MHz & 1MHz
Power Supply (inner)	:	DC 3.3V
Antenna Type	:	Chip Dielectric antenna (ANCV12G44SAA127)
Antenna Connector Type	:	N/A
Antenna Gain	:	2.14dBi (max)

SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification	:	FCC Part15 Subpart C : 2006
Title	:	FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators Section 15.207 Conducted limits: 2006 Section 15.247 Operation within the bands 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz: 2006

FCC 15.31 (e)
This EUT provides stable voltage(DC3.3V) constantly to RF Module regardless of input voltage. Therefore, this EUT complies with the requirement.

FCC Part 15.203 Antenna requirement
It is impossible for end users to replace the antenna, because the antenna is soldered on the circuit board. Therefore, the equipment complies with the antenna requirement of Section 15.203.

3.2 Procedures and results

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst Margin*0)		Results
1	Conducted emission	**FCC:** ANSI C63.4:2003 7. AC powerline conducted emission measurements	**FCC:** Section 15.207	-	N/A	**[DH5]** 10.0dB, N, AV 0.49980MHz	**[EDR, 3DH5]** 7.8dB, L, QP 0.20325MHz,	Complied
		IC: RSS-Gen 7.2.2	**IC:** RSS-Gen 7.2.2					
2	Carrier Frequency Separation	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(a)(1)	Conducted	N/A	See data.		Complied
		IC: -	**IC:** RSS-210 A8.1 (2)					
3	20dB Bandwidth	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(a)(1)	Conducted	N/A			Complied
		IC: -	**IC:** RSS-210 A8.1 (1)					
4	Number of Hopping Frequency	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(a)(1)(iii)	Conducted	N/A			Complied
		IC: -	**IC:** RSS-210 A8.1 (4)					
5	Dwell time	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(a)(1)(iii)	Conducted	N/A			Complied
		IC: -	**IC:** RSS-210 A8.1 (4)					
6	Maximum Peak Output Power	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(b)(1)	Conducted	N/A			Complied
		IC: RSS-Gen 4.6	**IC:** RSS-210 A8.4 (2)					
7	Band Edge Compliance	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(d)	Conducted	N/A			Complied
		IC: -	**IC:** RSS-210 A8.5					
8	Spurious Emission	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators	**FCC:** Section15.247(d)	Conducted/ Radiated	N/A	**[DH5]** [Tx] 4.3dB 323.848MHz, QP Hor, Ch.Mid. 332.970Mhz, QP Hor, Ch. Mid. [Rx] 3.6dB 323.984MHz, QP Hor, Ch Mid.	**[EDR, 3DH5]** [Tx] 3.3dB 288.007MHz, QP Hor, Ch.Low 288.011Mhz, QP Hor, Ch. High [Rx] 2.0dB 288.010MHz, QP Hor, Ch Mid.	Complied
		IC: RSS-Gen 4.7 RSS-Gen 4.8	**IC:** RSS-210 A8.5 RSS-Gen 7.2.1 and 7.2.3					

Note: UL Apex's EMI Work Procedures No.QPM05 and QPM15.
*0) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

*These tests were also referred to FCC Public Notice DA 00-705 "Guidance on Measurement for Frequency Hopping Spread Spectrum Systems".

*These tests were performed without any deviations from test procedure except for additions or exclusions.

3.3 Addition to standards

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst margin	Results
1	99% Occupied Band Width	**IC:** RSS-Gen 4.4.1	**IC:** RSS-Gen 4.4.1	Conducted	N/A	N/A	N/A

3.4 Uncertainty

Conducted Emission
The measurement uncertainty (with a 95% confidence level) for this test is ±2.6dB.
The data listed in this test report has enough margin, more than the site margin.

Spurious Emission (Radiated)
The measurement uncertainty (with a 95% confidence level) for this test using Biconical antenna is ±4.59dB(3m)/ ±4.58dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is ±4.62dB(3m)/ ±4.60dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Horn antenna is ±5.27dB.
The data listed in this report meets the limits unless the uncertainty is taken into consideration.

Other test except Conducted Emission and Spurious Emission (Radiated)
The measurement uncertainty (with a 95% confidence level) for this test is ±3.0dB.

3.5 Test Location

UL Apex Co., Ltd. Head Office EMC Lab. *NVLAP Lab. code: 200572-0
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone : +81 596 24 8116
Facsimile : +81 596 24 8124

	FCC Registration Number	IC Registration Number	Width x Depth x Height (m)	Size of reference ground plane / horizontal conducting plane (m)	Other rooms
No.1 semi-anechoic chamber	313583	IC4247A	19.2 x 11.2 x 7.7m	7.0 x 6.0m	Preparation room
No.2 semi-anechoic chamber	846015	IC4247A-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 shielded room	-	-	4.7 x 7.5 x 2.7m	4.7 x 7.5m	-
No.4 measurement room	-	-	3.1 x 5.0 x 2.7m	N/A	-

* Size of vertical conducting plane (for Conducted Emission test) : 2.0 x 2.0m for No.1 and No.2 semi-anechoic and No.3 shielded room.

3.6 Test set up, Test instruments and Data of EMI

Refer to APPENDIX 1 to 3.

SECTION 4: Operation of E.U.T. during testing

4.1 Operating Modes

The mode used for test : [FHSS:Bluetooth]
Transmitting mode (Packet size DH5 (worst), Data packet: PRBS9)
- Low Channel : 2402MHz
- Mid Channel : 2441MHz
- High Channel : 2480MHz
- Inquiry

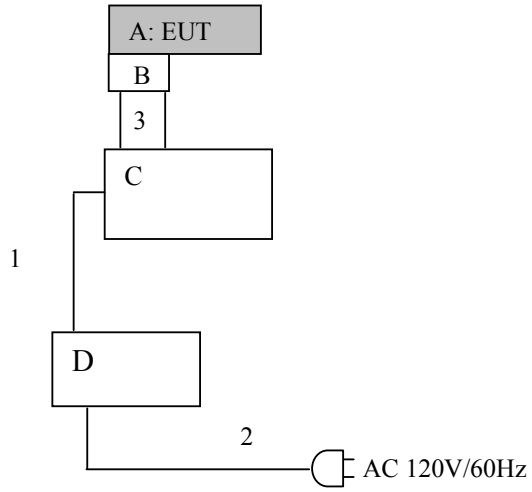
Receiving mode
- Mid Channel : 2441MHz

EDR Transmitting mode (Packet size 3DH5 (worst), Data packet: PRBS9)
- Low Channel : 2402MHz
- Mid Channel : 2441MHz
- High Channel : 2480MHz

EDR Receiving mode
- Mid Channel : 2441MHz

Note: Test was not performed at AFH mode, because the decrease of number of channel (min: 20ch) at AFH mode does not influence on the output power and bandwidth of the EUT. However, the limit level 125mW of AFH mode was used due to the overlap of bandwidth.

4.2 Configuration and peripherals



* Cabling and setup were taken into consideration and test data was taken under worse case conditions.
* Digital Camera (KODAK, model: V610) was used as the representative host device at the test.

Description of Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	Bluetooth module	BTMC2.0EDR-EP02A	FMD_01 *1) FMD_03 *2)	KODAK	EUT
B	Jig	-	-	KODAK	
C	Digital Camera	V610	PP00182	KODAK	-
D	AC Adaptor	AD5002KD	-	KODAK	-

*1) Used for Antenna Terminal Conducted test
*2) Used for Conducted Emission / Radiated Emission tests

List of cables used

No.	Name	Length (m)	Shield	Remarks
1	DC Cable	1.8	N	-
2	AC Cable	0.5	N	-
3	FFC Cable	0.2	N	-

SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on a platform of nominal size, 0.5m by 1.0m, raised 80cm above the conducting ground plane. The rear of tabletop was located 40cm to the vertical conducting plane. The rear of EUT, including peripherals aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80cm from any other grounded conducting surface. EUT was located 80cm from a Line Impedance Stabilization Network (LISN)/ Artificial mains Network (AMN) and excess AC cable was bundled in center.

For the tests on EUT with other peripherals (as a whole system)
I/O cable and AC cables that were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30cm to 40cm long and were hanged at a 40cm height to the ground plane.

The AC Mains Terminal Continuous disturbance Voltage has been measured with the EUT in a Semi Anechoic Chamber or a Measurement Room.
The EUT was connected to a LISN (AMN).
An overview sweep with peak detection has been performed.

Detector : CISPR quasi-peak and average detector (IF BW 9 kHz)
Measurement range : 0.15-30MHz
Test data : APPENDIX 3
Test result : Pass

Date: February 10 and 11, 2006
March 4, 2006

Test engineer: Makoto Kosaka
Mitsuru Fujimura

SECTION 6: Spurious Emission

[Conducted]
Test Procedure
The Out of Band Emission was measured with a spectrum analyzer connected to the antenna port.
Test data : APPENDIX 3
Test result : Pass

[Radiated]
Test Procedure
EUT was placed on a platform of nominal size, 0.5m by 1.0m, raised 80cm above the conducting ground plane.
The Radiated Electric Field Strength intensity has been measured in a Semi Anechoic Chamber with a ground plane and at a distance of 3m(Below 10GHz) and 1m(Upper 10GHz).
The height of the measuring varied between 1 and 4m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.
The measurements were performed for both vertical and horizontal antenna polarization with the Test Receiver, or the Spectrum Analyzer (in linear mode).
The test was made with the detector (RBW/VBW) in the following table.
When using Spectrum analyzer, the test was made with adjusting span to zero by using peak hold.

***Delta Marker Method (Measurement for Band-edge)**
STEP 1) Perform an in-band field strength measurement of the fundamental emission using the RBW table below.
STEP 2) Choose a spectrum analyzer span that encompasses both the peak of the fundamental emission and the band-edge emission under investigation. Set the analyzer RBW to 1% of the total span, and measure the amplitude delta between the peak of the fundamental and the peak of the band-edge emission.
STEP 3) Subtract the delta measured in STEP 2) from the field strengths measured in STEP 1). The result is the field strength of band-edge.

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on a radiated measurement.

20dBc was applied to the frequency over the limit of FCC 15.209 and outside the restricted band of 15.205.

Frequency	Below 1GHz	Above 1GHz
Instrument used	Test Receiver / Spectrum Analyzer	Spectrum Analyzer
Detector IF Bandwidth	QP: BW 120kHz(T/R) 20dBc : RBW: 100kHz VBW: 300kHz (S/A)	PK: RBW:1MHz/VBW: 1MHz AV: RBW:1MHz/VBW:10Hz 20dBc : RBW:100kHz/VBW:300kHz

- The carrier level and noise levels were confirmed at each position of X, Y and Z axes of EUT to see the position of maximum noise, and the test was made at the position that has the maximum noise.

Test data : APPENDIX 3
Test result : Pass

Date: February 7, 24 and March 12, 2006
March 1, 2006
March 3, 2006
March 12, 2006

Test engineer: Norihisa Hashimoto
Kenichi Adachi
Mitsuru Fujimura
Yasuyuki Fukui

SECTION 7: Bandwidth

Test Procedure

The bandwidth was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

SECTION 8: Maximum Peak Output Power

Test Procedure
The Maximum Peak Output Power was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

SECTION 9: Carrier Frequency Separation

Test Procedure

The carrier frequency separation was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

SECTION 10: Number of Hopping Frequency

Test Procedure

The Number of Hopping Frequency was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

SECTION 11: Dwell time

Test Procedure

The Dwell time was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

APPENDIX 1: Photographs of test setup

This page has been submitted as a separate exhibit.

This page has been submitted as a separate exhibit.

This page has been submitted as a separate exhibit.

APPENDIX 2:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	RE	2005/11/14 * 12
MHA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2006/01/09 * 12
MCC-18	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2006/02/02 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MPA-05	Pre Amplifier	TSJ	TSJ 1-26.5GHz PreAmp	RE	2005/07/08 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE	2005/11/10 * 12
MOS-01	Digital Humidity Indicator	N.T	NT-1800		2004/11/25 * 24
MPA-10	Pre Amplifier	Agilent	8449B	RE	2005/09/07 * 12
MCC-05	Microwave Cable 1G-50GHz	Storm	421-011 (90-1394-079)	AT	2006/01/04 * 12
MAT-22	Attenuator(10dB)(above1GHz)	Orient Microwave	BX10-0476-00	AT	2005/03/16 * 12
MRENT-23	Spectrum Analyzer	Advantest	R3273	AT / RE/CE	2006/01/10 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2005/04/11 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MCC-25	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MHF-05	High Pass Filter	Tokimec	TF323DCA	RE	2006/01/24 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2006/01/09 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE /CE	2006/02/02 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2006/02/23 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2005/12/16 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2005/09/07 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/10/10 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/10/14 * 12
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE/CE	2004/11/25 * 24
MCC-13	Coaxial Cable	Fujikura/Agilent	-	CE	2006/02/23 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2006/02/06 * 12

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

Test Item: RE: Radiated Emission test
CE: Conducted Emission test
AT: Antenna Terminal Conducted test

APPENDIX 3: Data of EMI test

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

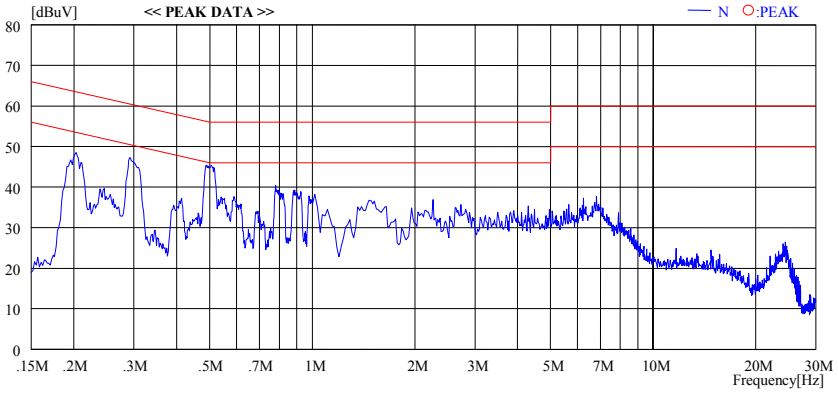
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/10 23:37:53

Company : Kodak Digital Product Center, Japan Ltd.
Kind of EUT : Bluetooth Module
Model No. : BTMC2.0EDR-EP02A
Serial No. : FMD_03

Report No. : 26CE0053-HO
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C / 25%
Operator : Makoto Kosaka

Mode / Remarks : Tx 2402MHz

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



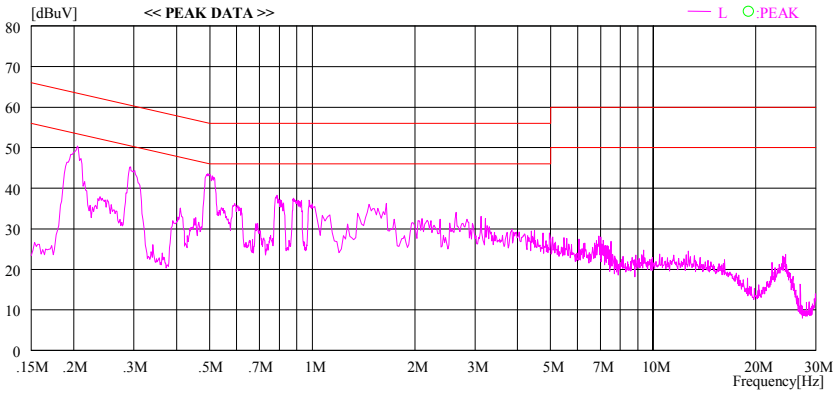


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

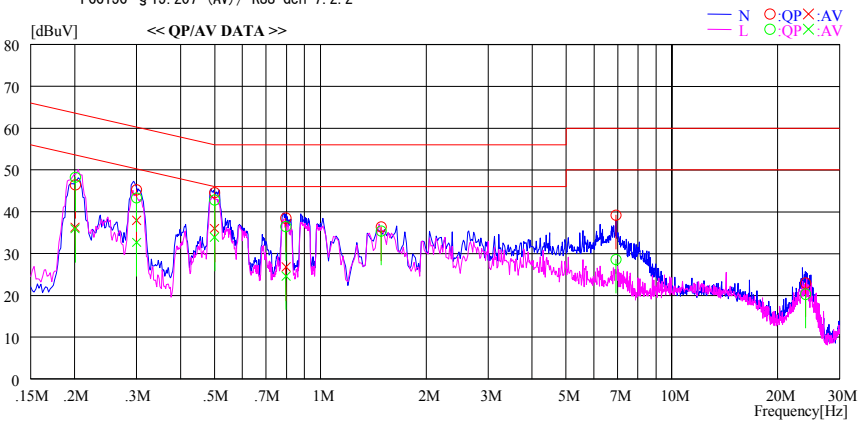
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/10 23:48:17

Company : Kodak Digital Product Center, Japan Ltd.
Kind of EUT : Bluetooth Module
Model No. : BTMC2.0EDR-EP02A
Serial No. : FMD_03

Report No. : 26CE0053-HO
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C / 25%
Operator : Makoto Kosaka

Mode / Remarks : Tx 2441MHz

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.20050	46.4	36.2	0.1	46.5	36.3	63.6	53.6	17.1	17.4	N
0.20050	48.2	35.8	0.1	48.3	35.9	63.6	53.6	15.3	17.7	L
0.30010	43.1	32.5	0.2	43.3	32.7	60.2	50.2	16.9	17.5	L
0.30010	45.1	37.8	0.2	45.3	38.0	60.2	50.2	14.9	12.2	N
0.49980	44.3	35.7	0.3	44.6	36.0	56.0	46.0	11.4	10.0	N
0.49980	42.5	33.6	0.3	42.8	33.9	56.0	46.0	13.2	12.1	L
0.79770	36.2	24.3	0.3	36.5	24.6	56.0	46.0	19.5	21.4	L
0.79770	38.1	26.5	0.3	38.4	26.8	56.0	46.0	17.6	19.2	N
1.48667	35.0	----	0.4	35.4	----	56.0	----	20.6	----	L
1.48667	36.0	----	0.4	36.4	----	56.0	----	19.6	----	N
6.92635	27.5	----	1.1	28.6	----	60.0	----	31.4	----	L
6.92635	38.1	----	1.1	39.2	----	60.0	----	20.8	----	N
24.00000	17.9	----	2.4	20.3	----	60.0	----	39.7	----	L
24.00000	20.5	----	2.4	22.9	----	60.0	----	37.1	----	N

CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

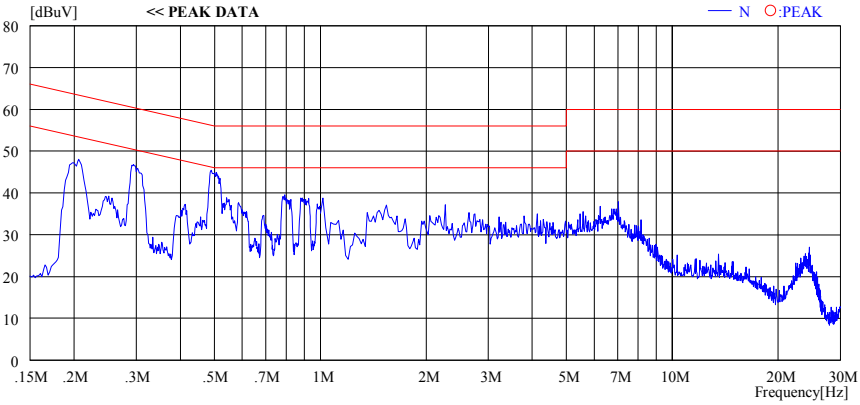
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/11 00:15:07

Company : Kodak Digital Product Center, Japan Ltd.
Kind of EUT : Bluetooth Module
Model No. : BTMC2.0EDR-EP02A
Serial No. : FMD_03

Report No. : 26CE0053-HO
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C / 25%
Operator : Makoto Kosaka

Mode / Remarks : Tx 2480MHz

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



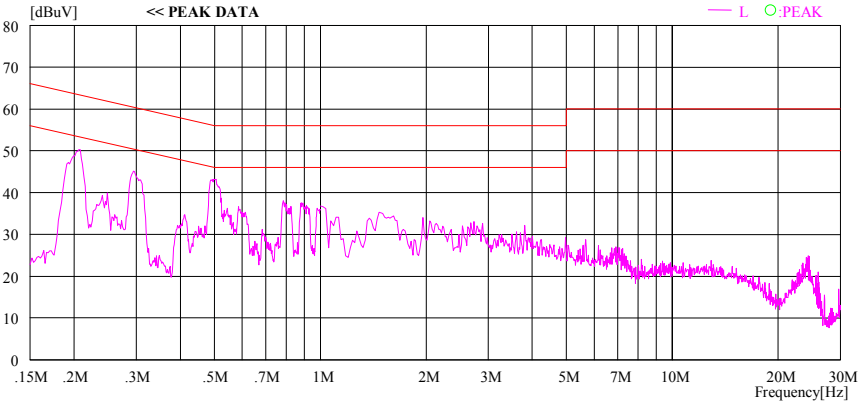


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

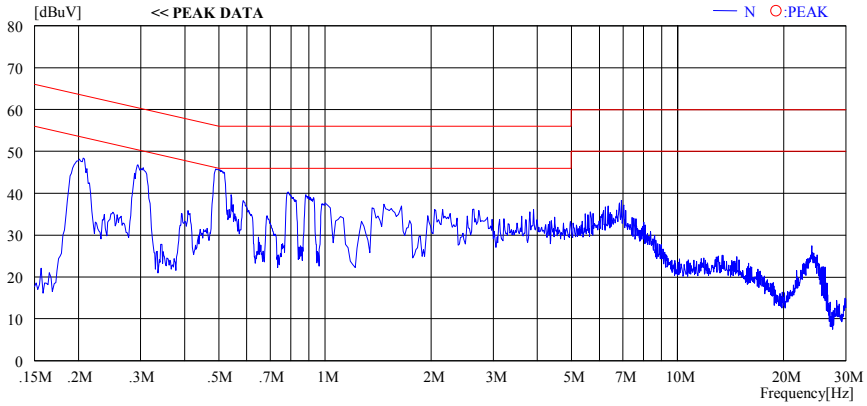
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/11 00:22:20

Company : Kodak Digital Product Center, Japan Ltd.
Kind of EUT : Bluetooth Module
Model No. : BTMC2.0EDR-EP02A
Serial No. : FMD_03

Report No. : 26CE0053-HO
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C / 25%
Operator : Makoto Kosaka

Mode / Remarks : Rx 2441MHz

LIMIT : FCC15B §15.107 (QP)/ RSS-Gen 7.2.2
FCC15B §15.107 (AV)/ RSS-Gen 7.2.2



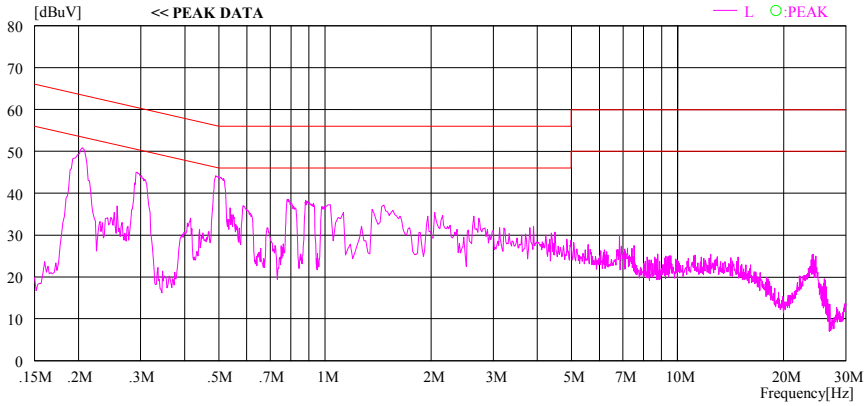


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission (EDR)

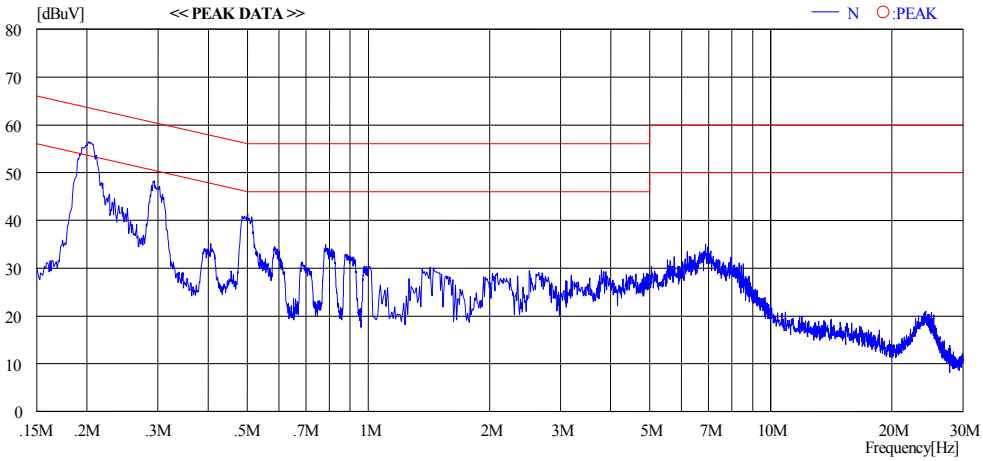
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/04 16:47:14

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2402MHz ,EDR

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



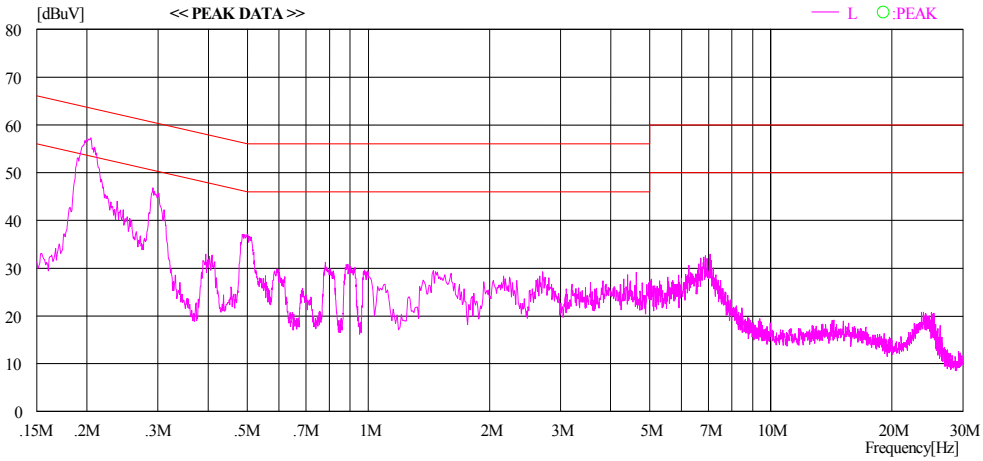


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission (EDR)

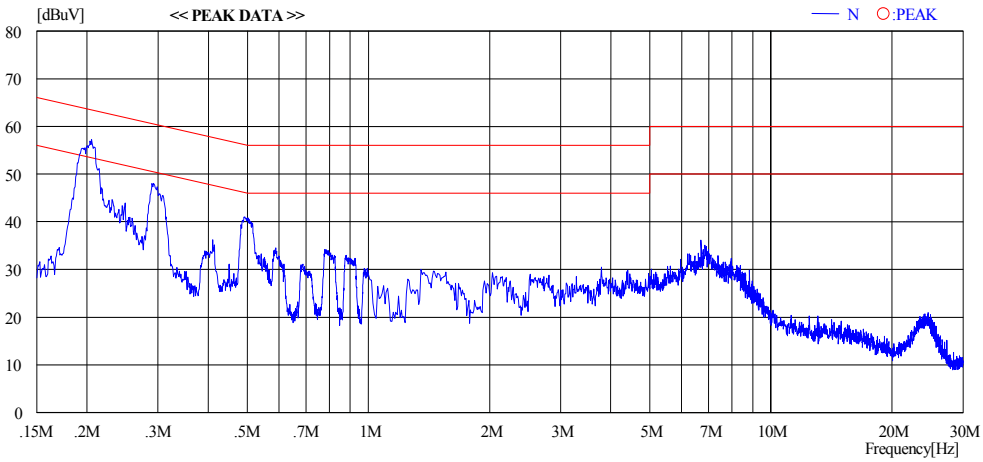
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/04 16:53:11

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2441MHz ,EDR

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



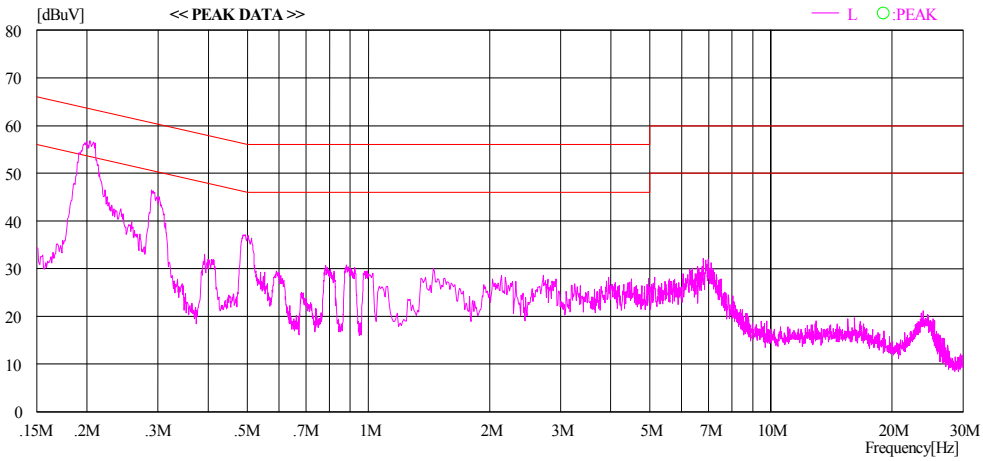


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission (EDR)

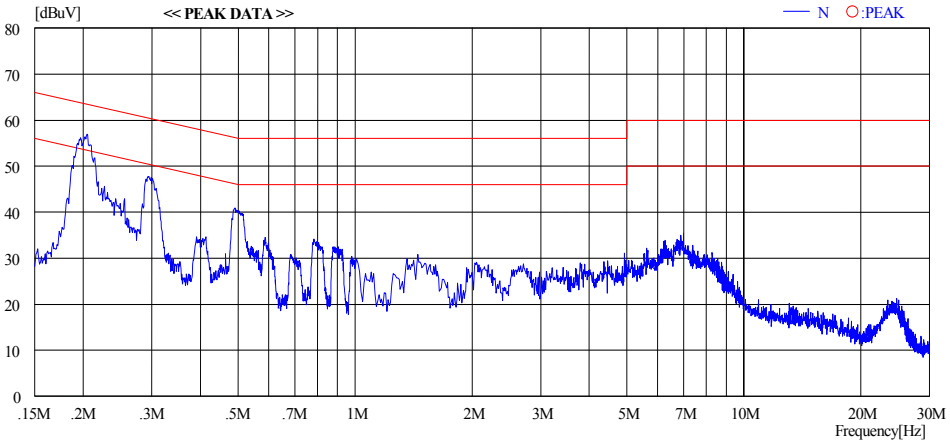
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/04 16:57:38

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2480MHz ,EDR

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



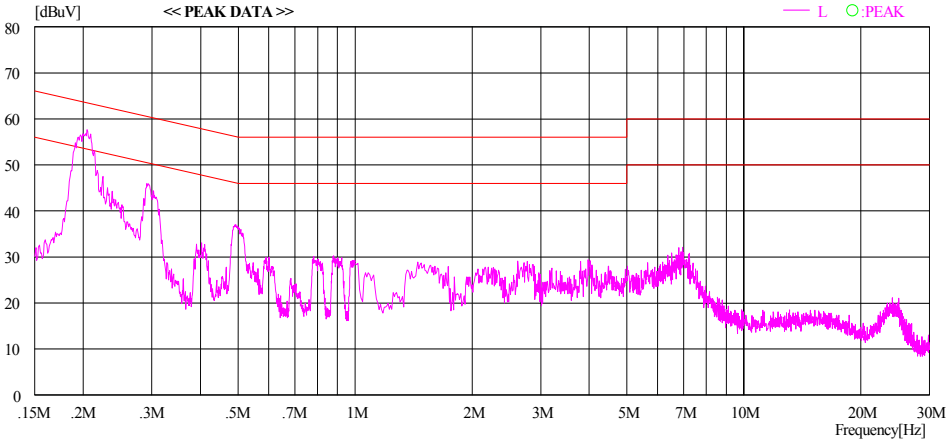


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission (EDR)

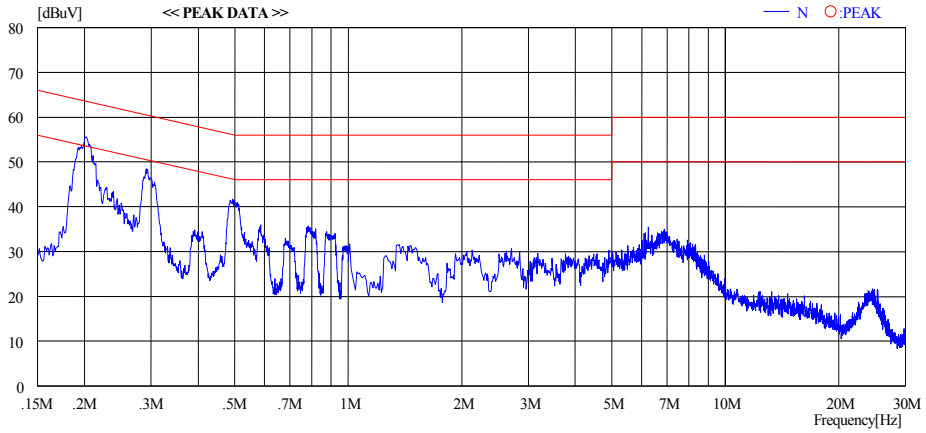
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/04 16:38:34

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Receiving 2441MHz ,EDR

LIMIT : FCC15B §15.107 (QP)/ RSS-Gen 7.2.2
FCC15B §15.107 (AV)/ RSS-Gen 7.2.2



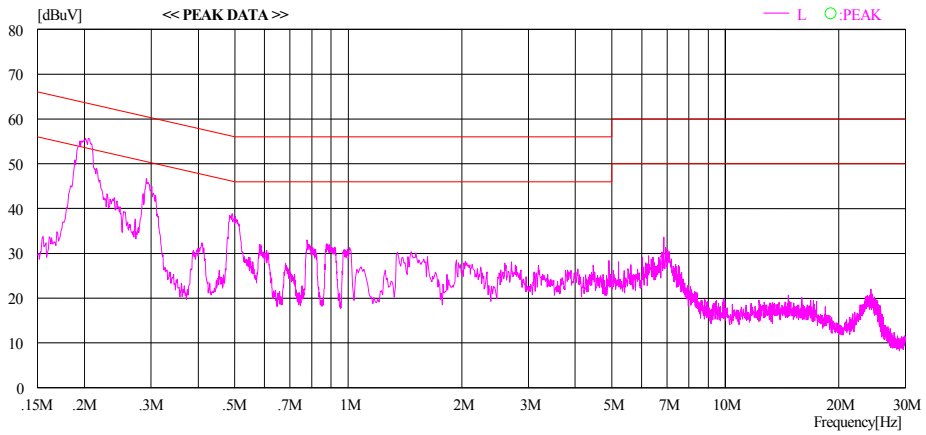


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission (EDR)

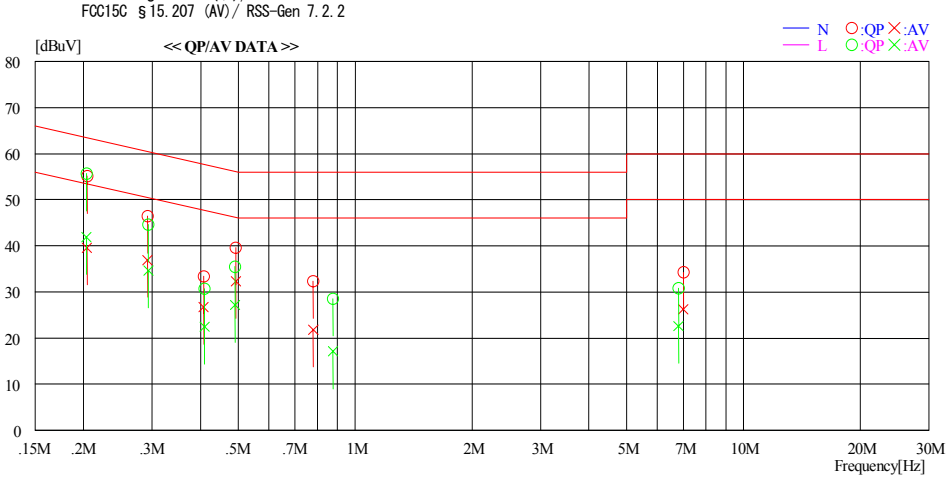
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/04 16:57:38

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2480MHz ,EDR

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.20325	55.5	41.7	0.2	55.7	41.9	63.5	53.5	7.8	11.6	L
0.20404	54.9	39.4	0.2	55.1	39.6	63.4	53.4	8.3	13.8	N
0.29200	46.2	36.6	0.3	46.5	36.9	60.5	50.5	14.0	13.6	N
0.29333	44.3	34.3	0.3	44.6	34.6	60.4	50.4	15.8	15.8	L
0.40725	33.0	26.3	0.4	33.4	26.7	57.7	47.7	24.3	21.0	N
0.40973	30.3	22.0	0.4	30.7	22.4	57.7	47.7	27.0	25.3	L
0.49062	35.1	26.8	0.4	35.5	27.2	56.2	46.2	20.7	19.0	L
0.49290	39.2	31.9	0.4	39.6	32.3	56.1	46.1	16.5	13.8	N
0.78020	31.9	21.4	0.4	32.3	21.8	56.0	46.0	23.7	24.2	N
0.87720	28.1	16.7	0.4	28.5	17.1	56.0	46.0	27.5	28.9	L
6.80700	29.8	21.6	1.0	30.8	22.6	60.0	50.0	29.2	27.4	L
7.00000	33.3	25.2	1.0	34.3	26.2	60.0	50.0	25.7	23.8	N

CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Carrier Frequency Separation

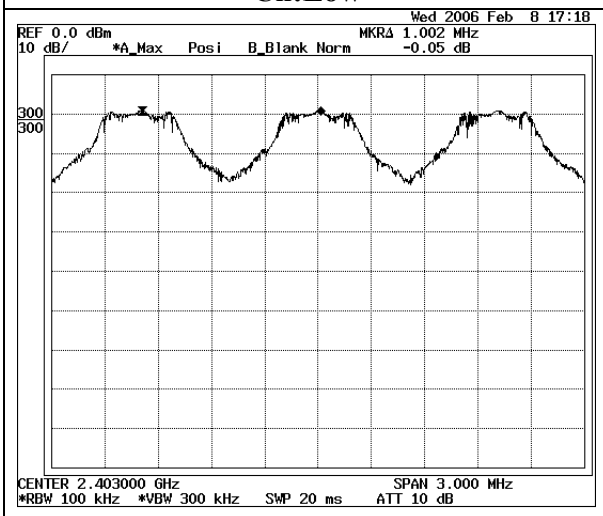
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	: FCC Part15 Subpart C 15.247(a)(1)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx(Hopping on)/Inquiry	ENGINEER	: Norihisa Hashimoto

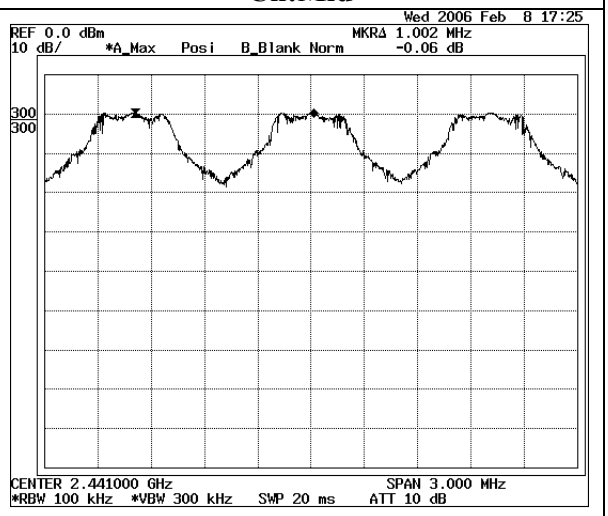
Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.002	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)
Mid	2441.0	1.002	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)
High	2480.0	1.002	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)
Inquiry	2441.0	2.020	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)

Carrier Frequency Separation

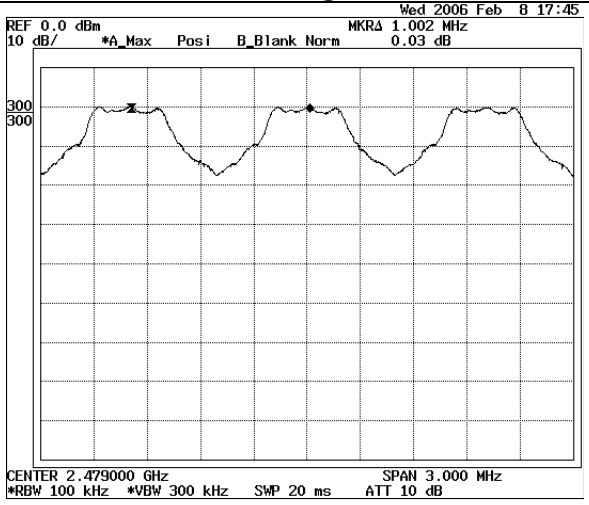
Ch:Low



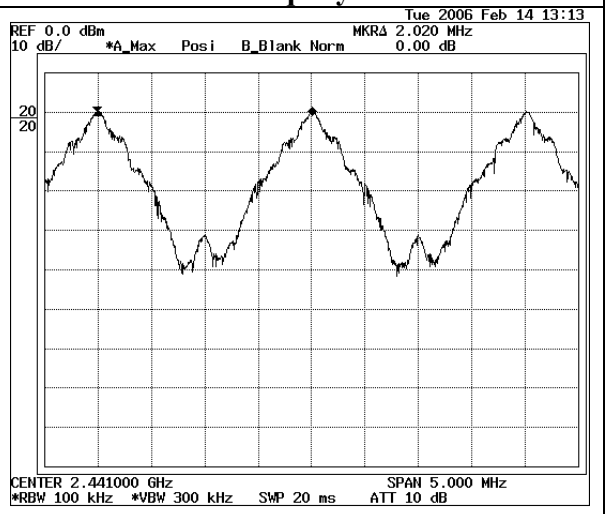
Ch:Mid



Ch:High



Inquiry



Carrier Frequency Separation(EDR)

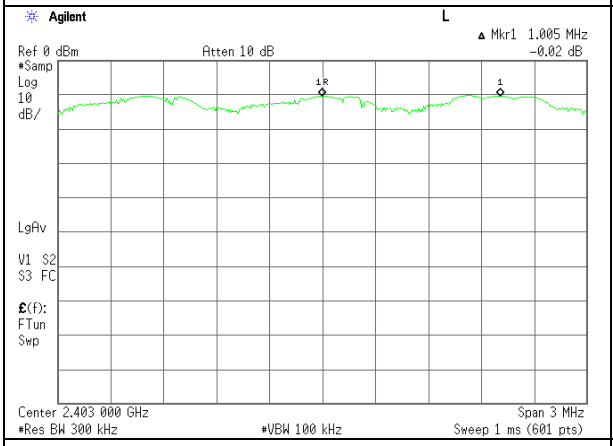
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	: FCC Part15 Subpart C 15.247(a)(1)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:03/07/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx(Hopping on)	ENGINEER	: Norihisa Hashimoto

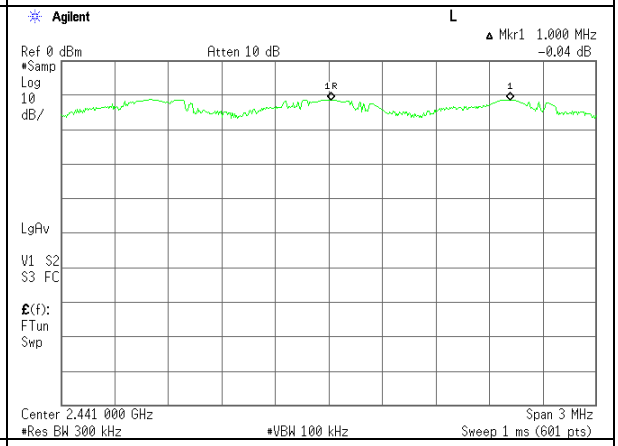
Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.005	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)
Mid	2441.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)
High	2480.0	1.005	>two-thirds of the 20dB Bandwidth or 25[kHz] (whichever is greater)

Carrier Frequency Separation
(EDR)

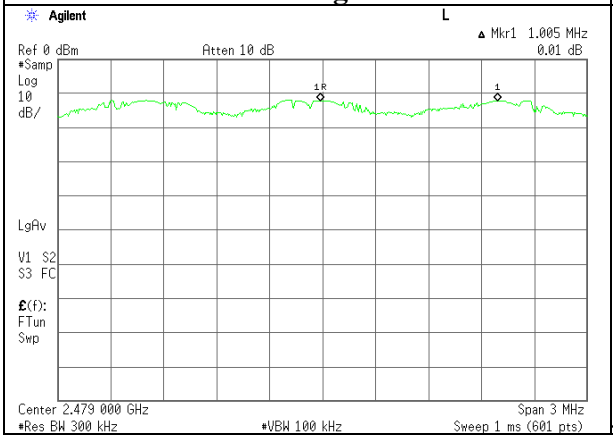
Ch:Low

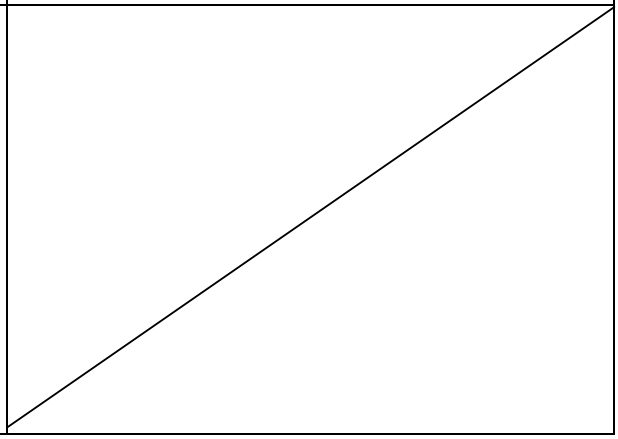


Ch:Mid



Ch:High





20dB Bandwidth

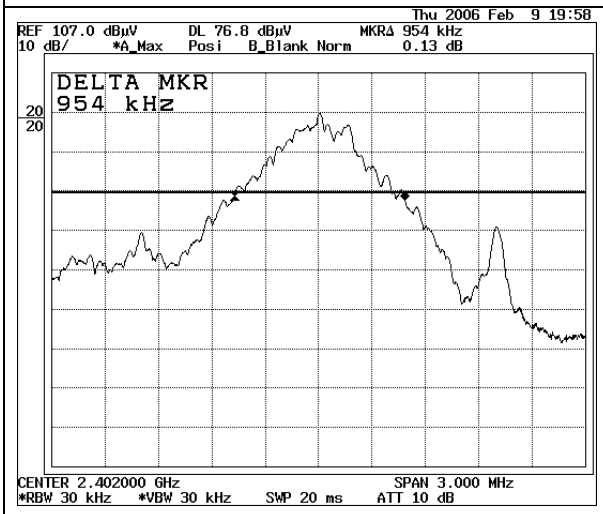
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	: FCC Part15 Subpart C 15.247(a)(1)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx (Hopping off) /Inquiry	ENGINEER	:Norihisa Hashimoto

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.954	-
Mid	2441.0	0.951	-
High	2480.0	0.942	-
Inquiry	2441.0	0.831	-

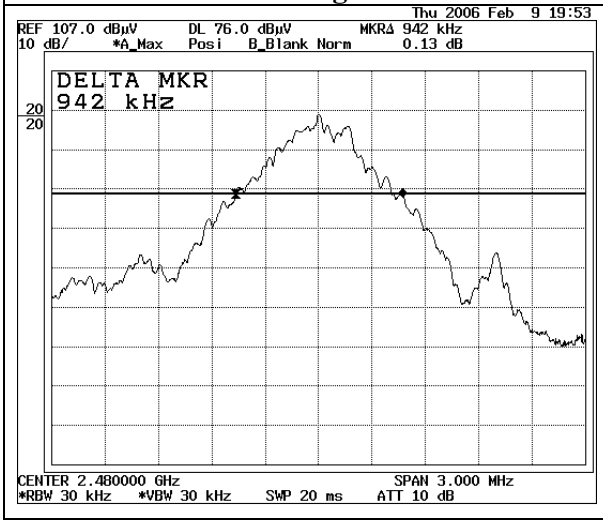
20dB Bandwidth

Ch:Low



Ch:Mid

Ch:High



Inquiry

20dB Bandwidth(EDR)

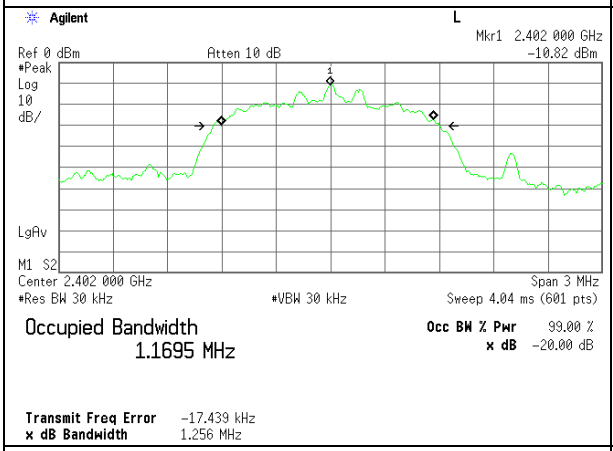
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(a)(1)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:03/07/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx (Hopping off)	ENGINEER	:Norihisa Hashimoto

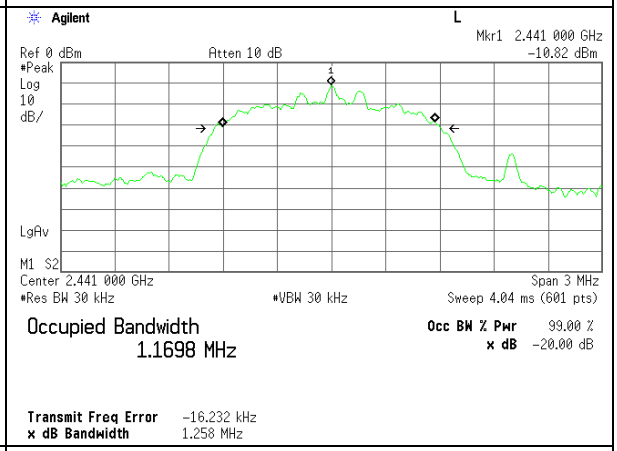
Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	1.256	-
Mid	2441.0	1.258	-
High	2480.0	1.255	-

20dB Bandwidth
(EDR)

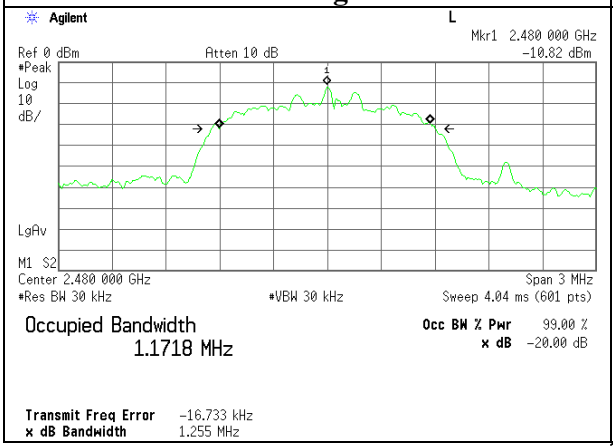
Ch:Low



Ch:Mid



Ch:High



Number of Hopping Frequency

Head Office EMC Lab. No.3 Shielded Room

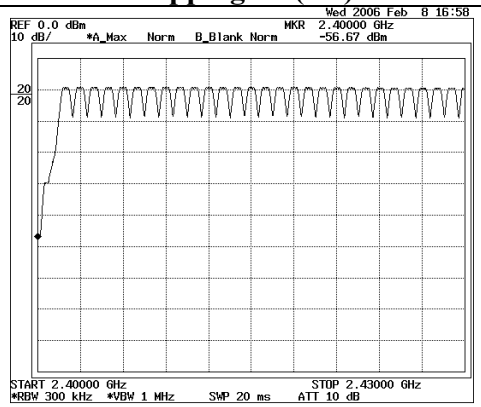
COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(a)(1)(iii)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx (Hopping on) /Inquiry	ENGINEER	:Norihisa Hashimoto

Mode	Number of channel [time]	Limit [time]
Tx(Hoppng on)	79	≧15

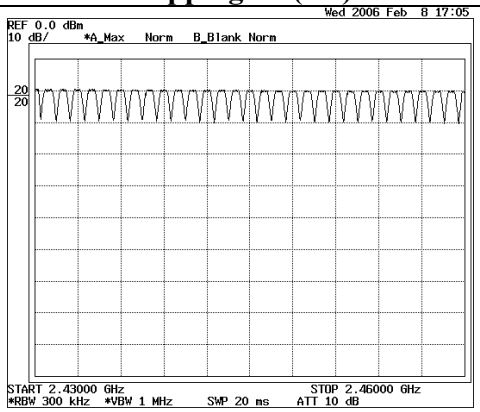
Mode	Number of channel [time]	Limit [time]
Inquiry	32	≧15

Number of Hopping Frequency

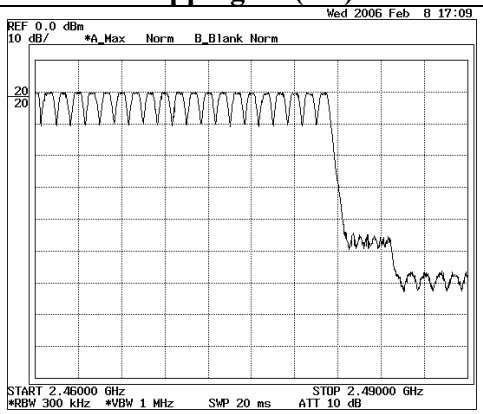
Hopping on (1/3)



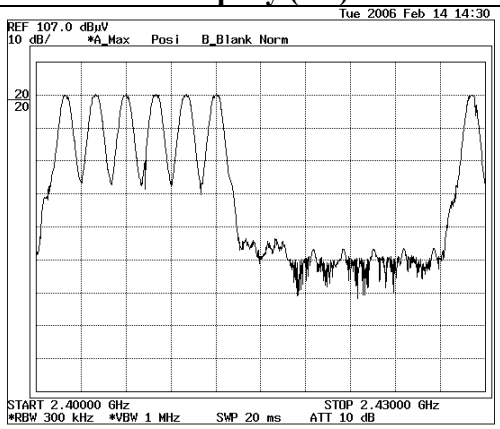
Hopping on (2/3)



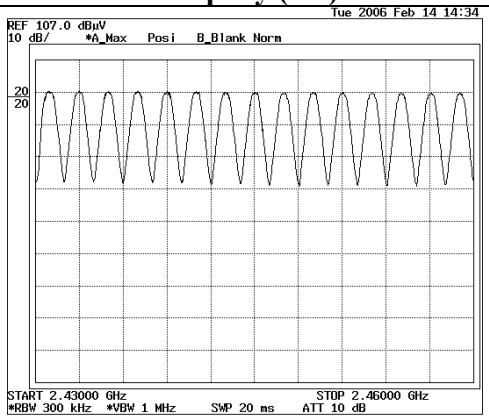
Hopping on (3/3)



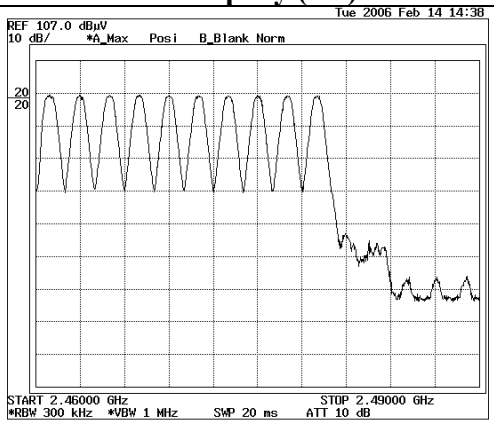
Inquiry (1/3)



Inquiry (2/3)



Inquiry (2/3)



Number of Hopping Frequency(EDR)

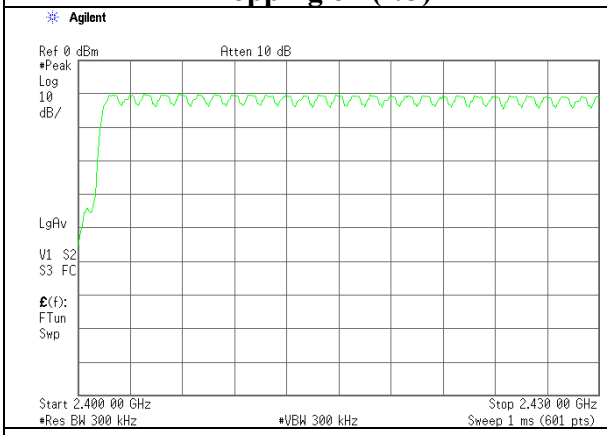
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(a)(1)(iii)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:03/07/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx (Hopping on)	ENGINEER	:Norihisa Hashimoto

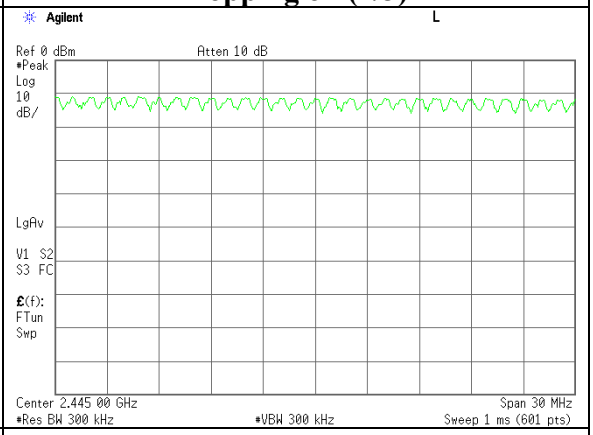
Mode	Number of channel [time]	Limit [time]
Tx(Hoppng on)	79	≧15

Number of Hopping Frequency
(EDR)

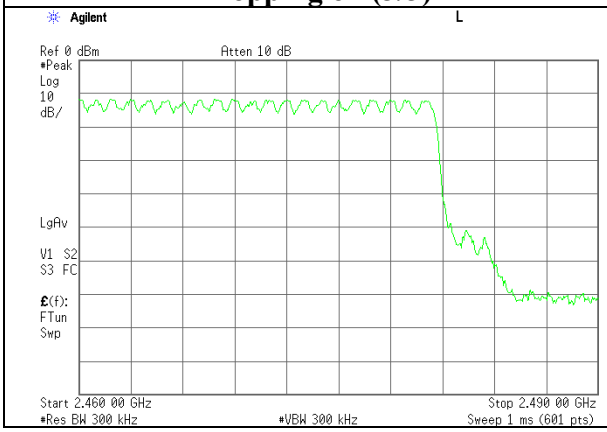
Hopping on (1/3)

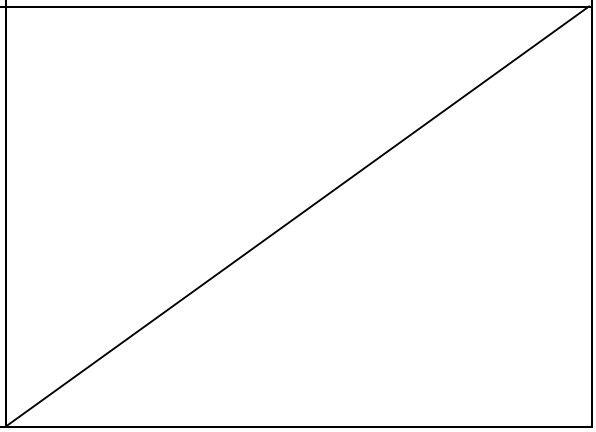


Hopping on (2/3)



Hopping on (3/3)





Dwell time

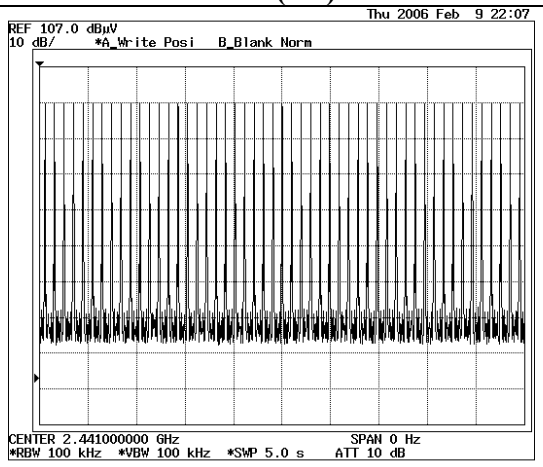
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(a)(1)(iii)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx (Hopping on) /Inquiry	ENGINEER	:Norihisa Hashimoto

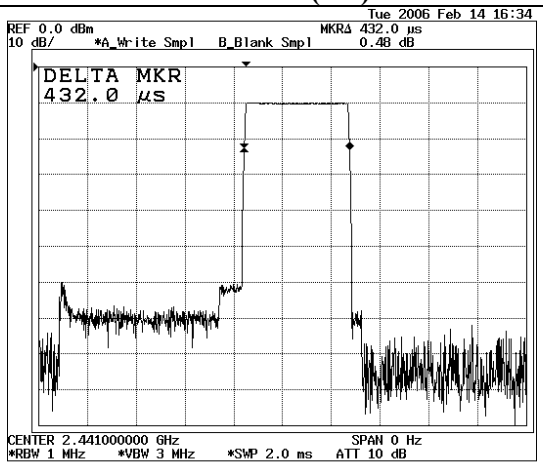
Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
DH1	51 times /5sec. x 31.6 = 322times	0.432	139	400
DH3	25 times / 5sec. x 31.6 = 158times	1.690	267	400
DH5	17 times / 5 sec. x 31.6 = 107 times	2.760	295	400
Inquiry	100 times / 1sec. x 12.8 = 1280 times	0.246	315	400

Dwell time

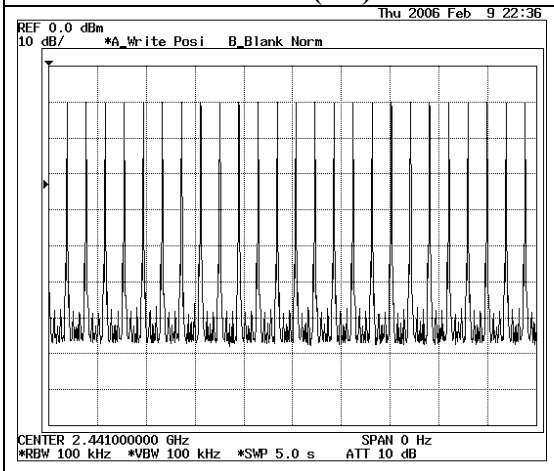
DH1 (1/2)



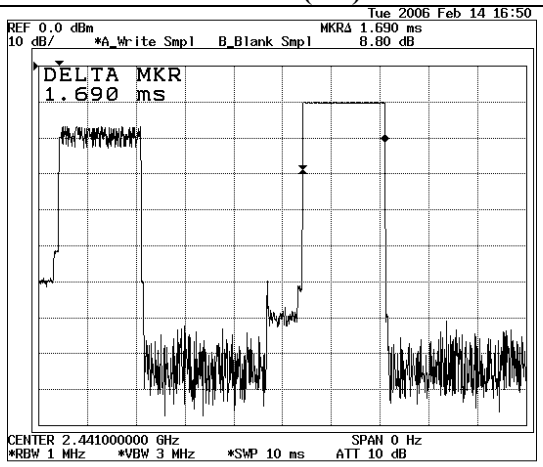
DH1 (2/2)



DH3 (1/2)

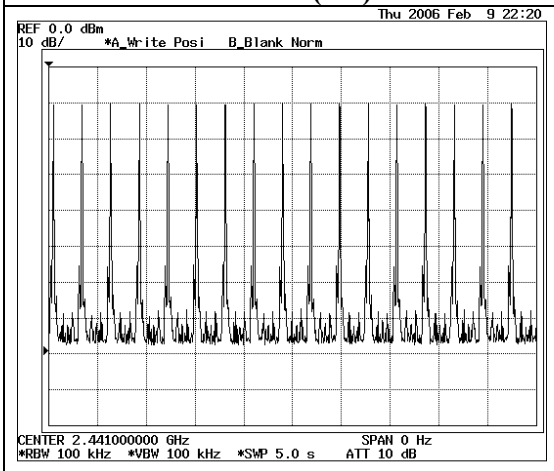


DH3 (2/2)

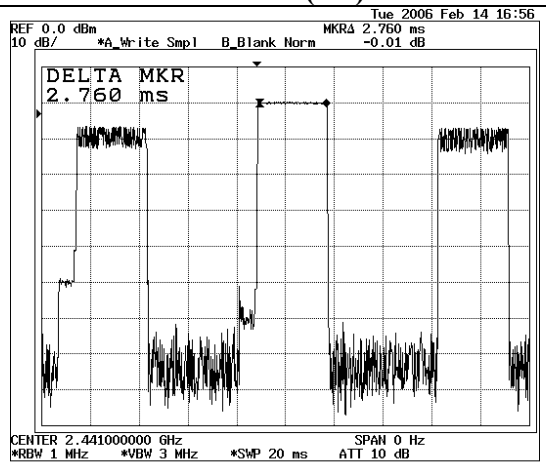


Dwell time

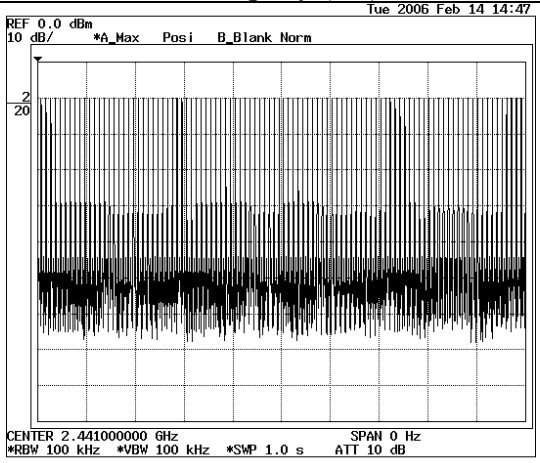
DH5 (1/2)



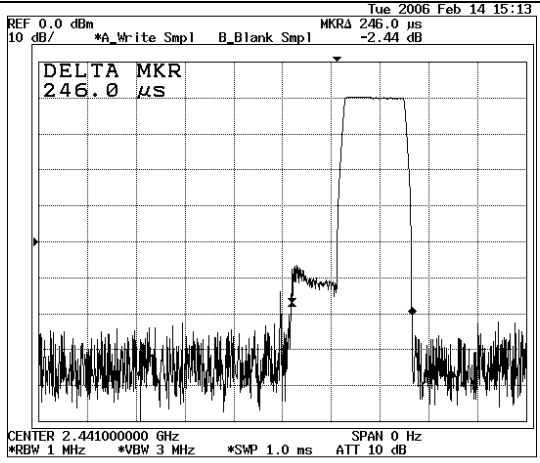
DH5 (2/2)



Inquiry (1/2)



Inquiry (2/2)



Dwell time(EDR)

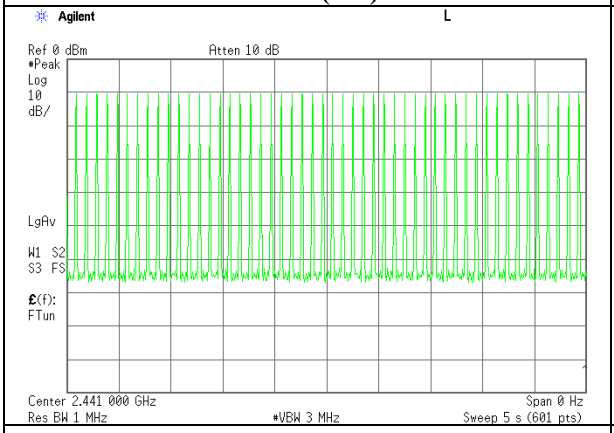
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(a)(1)(iii)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx (Hopping on)	ENGINEER	:Norihisa Hashimoto

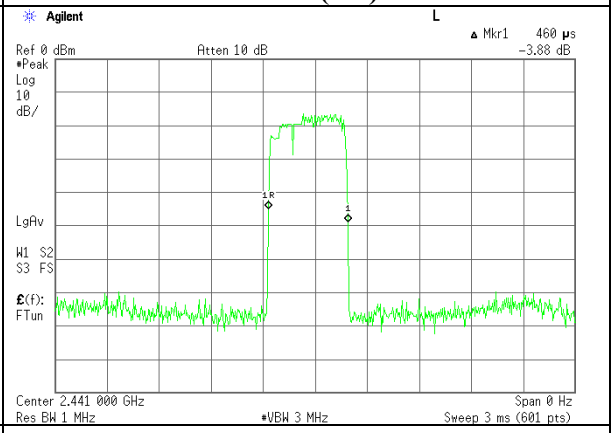
Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
3DH1	50 times /5sec. x 31.6 = 316times	0.460	145	400
3DH3	25 times / 5sec. x 31.6 = 158times	1.717	271	400
3DH5	17 times / 5 sec. x 31.6 = 107.44 times	2.975	320	400

Dwell time
(EDR)

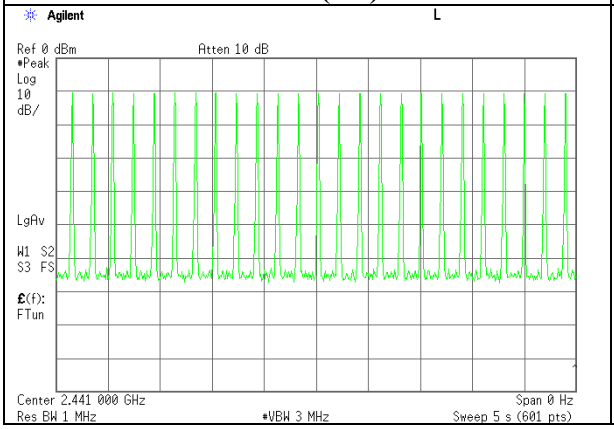
3DH1 (1/2)



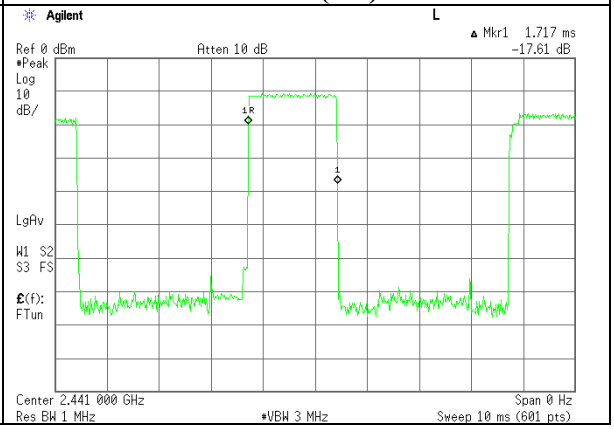
3DH1 (2/2)



3DH3 (1/2)

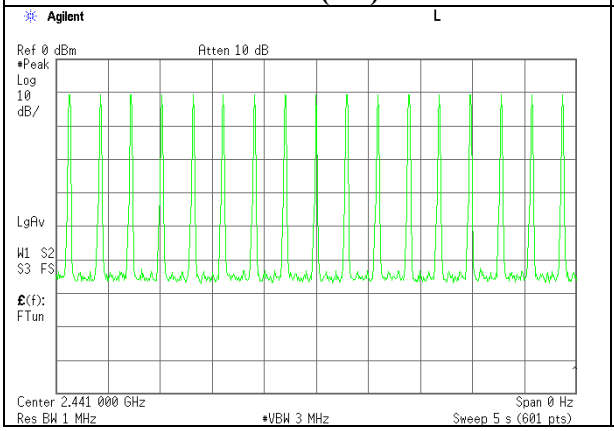


3DH3 (2/2)

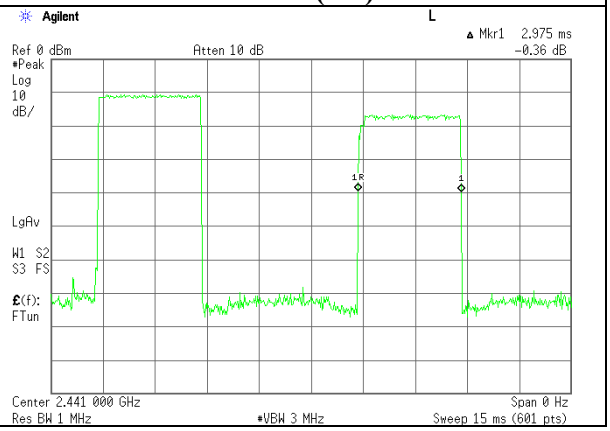


Dwell time
(EDR)

3DH5 (1/2)



3DH5 (2/2)



Maximum Peak Output Power

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

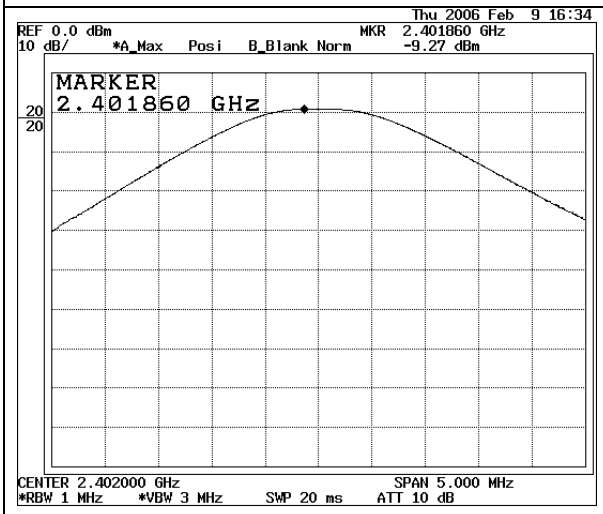
COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(b)(1)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx(Hopping Off)/Inquiry	ENGINEER	:Norihisa Hashimoto

Ch	Freq.	S/A Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.27	1.43	9.54	1.70	1.48	20.97	125	19.27
Mid	2441.0	-9.45	1.50	9.54	1.59	1.44	20.97	125	19.38
High	2480.0	-9.42	1.59	9.54	1.71	1.48	20.97	125	19.26
Inquiry	2440.0	-9.67	1.50	9.54	1.37	1.37	20.97	125	19.60

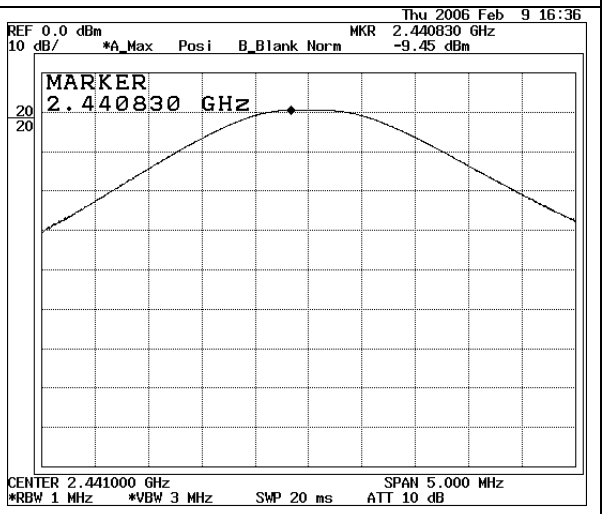
Sample Calculation:
Result = Reading + Cable Loss (supplied by customer)+ Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

Maximum Peak Output Power

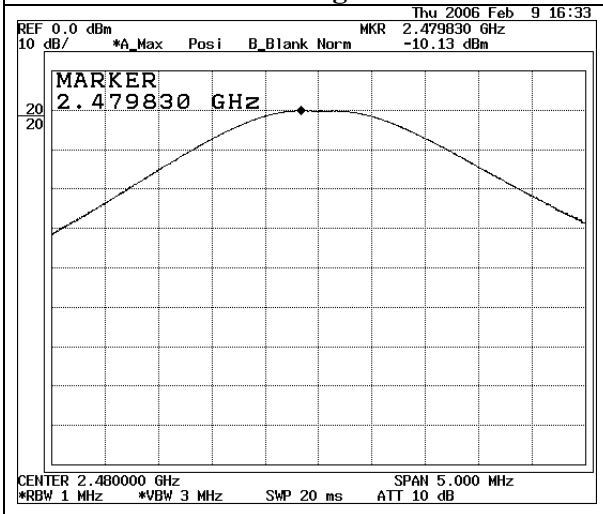
Ch:Low



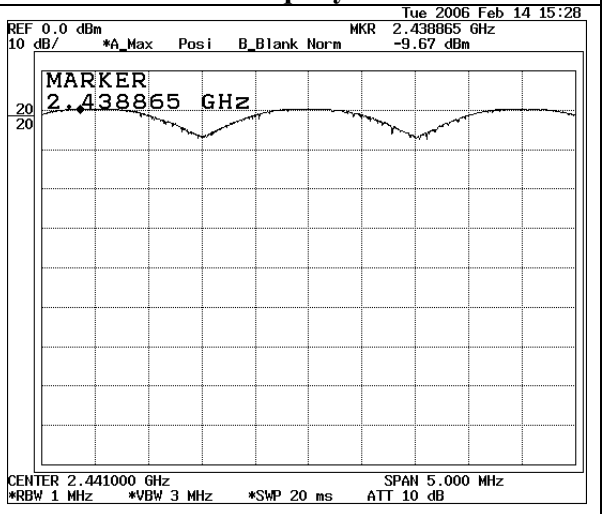
Ch:Mid



Ch:High



Inquiry



Maximum Peak Output Power(EDR)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Shielded Room

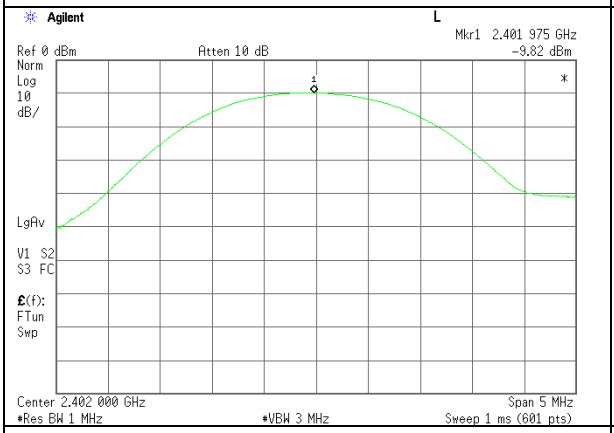
COMPANY	:Kodak Digital Product Center, Japan Ltd.	REGULATION	:FCC Part15 Subpart C 15.247(b)(1)
EQUIPMENT	:Bluetooth Module	TEST DISTANCE	: -
MODEL	:BTMC2.0EDR-EP02A	DATE	:02/09/2006
S/ N	:FMD_01	TEMPERATURE	:22 deg.C.
POWER	:DC3.3V(AC120V/60Hz)	HUMIDITY	:32%
MODE	:Tx(Hopping Off)	ENGINEER	:Norihisa Hashimoto

Ch	Freq.	S/A Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.82	0.92	9.90	1.00	1.26	20.97	125	19.97
Mid	2441.0	-10.62	0.93	9.90	0.21	1.05	20.97	125	20.76
High	2480.0	-11.31	0.92	9.90	-0.49	0.89	20.97	125	21.46

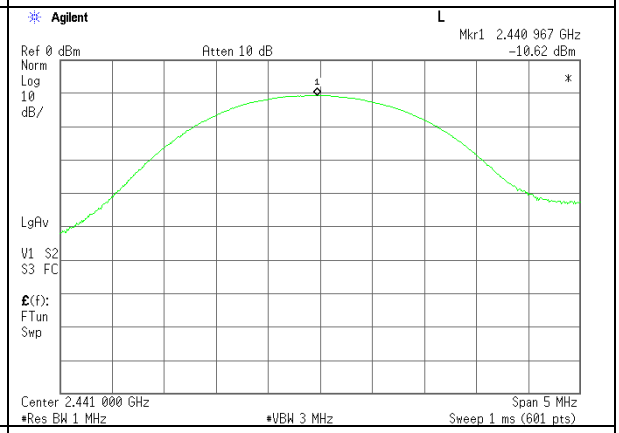
Sample Calculation:
Result = Reading + Cable Loss (supplied by customer)+ Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

Maximum Peak Output Power
(EDR)

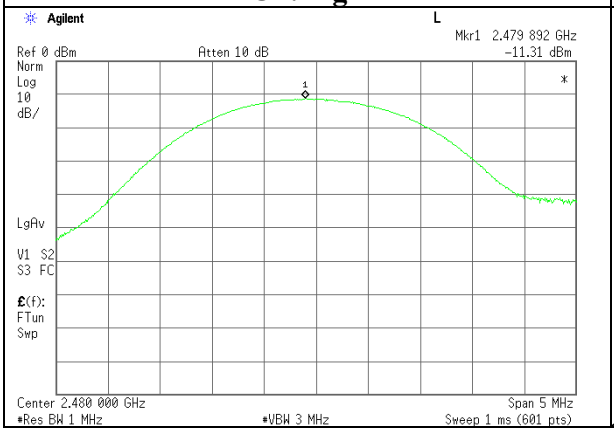
Ch:Low

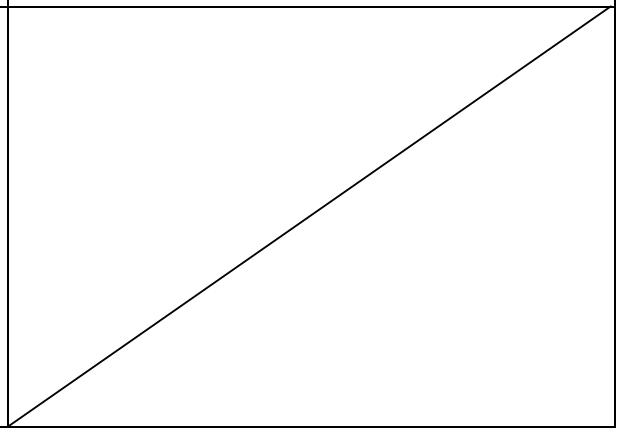


Ch:Mid



Ch:High





Radiated Spurious Emission (below 1GHz)

(Tx: Ch. L, DH5)

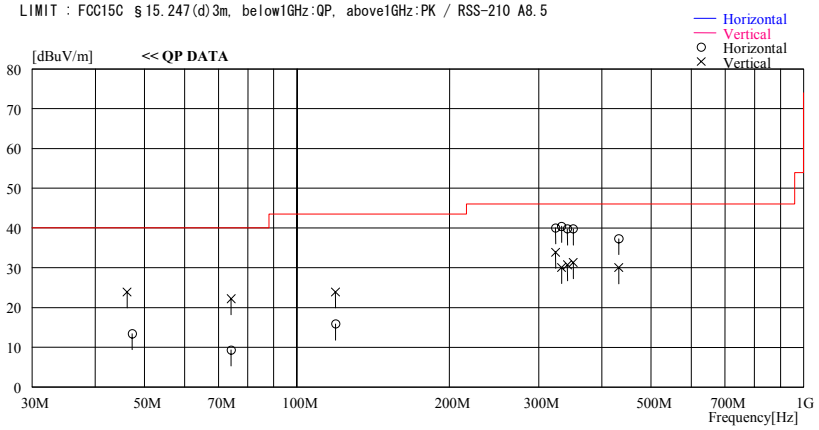
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/07 12:48:49

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 20deg.C. / 31%
Serial No.	: FMD_03	Operator	: Norihisa Hashimoto

Mode / Remarks : Tx 2402MHz DH5 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]		[dBuV/m]	[dB]
46.215	32.5	QP	11.8	-20.4	23.9	Vert.	40.0	16.1
47.315	22.4	QP	11.4	-20.4	13.4	Hori.	40.0	26.6
74.190	22.1	QP	7.0	-19.8	9.3	Hori.	40.0	30.7
74.190	35.0	QP	7.0	-19.8	22.2	Vert.	40.0	17.8
119.279	22.1	QP	13.0	-19.2	15.9	Hori.	43.5	27.7
119.150	30.1	QP	13.0	-19.2	23.9	Vert.	43.5	19.6
323.994	35.7	QP	15.1	-16.9	33.9	Vert.	46.0	12.1
323.987	41.8	QP	15.1	-16.9	40.0	Hori.	46.0	6.0
332.998	42.0	QP	15.4	-17.0	40.4	Hori.	46.0	5.6
332.988	31.6	QP	15.4	-17.0	30.0	Vert.	46.0	16.0
341.996	40.9	QP	15.7	-16.9	39.7	Hori.	46.0	6.3
341.996	31.9	QP	15.7	-16.9	30.7	Vert.	46.0	15.3
350.989	40.6	QP	16.1	-17.0	39.7	Hori.	46.0	6.3
350.989	32.2	QP	16.1	-17.0	31.3	Vert.	46.0	14.7
431.990	36.8	QP	17.7	-17.2	37.3	Hori.	46.0	8.7
431.990	29.5	QP	17.7	-17.2	30.0	Vert.	46.0	16.0

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Tx: Ch. M, DH5)

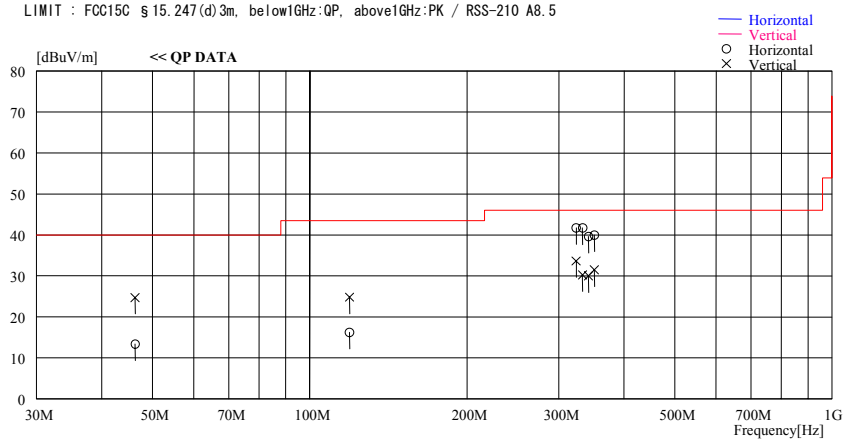
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/07 13:29:43

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 20deg.C. / 31%
Serial No.	: FMD_03	Operator	: Norihisa Hashimoto

Mode / Remarks : Tx 2441MHz DH5 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]		[dBuV/m]	[dB]
46.322	33.3	QP	11.8	-20.4	24.7	Vert.	40.0	15.3
46.322	22.0	QP	11.8	-20.4	13.4	Hori.	40.0	26.6
119.279	22.4	QP	13.0	-19.2	16.2	Hori.	43.5	27.3
119.279	31.0	QP	13.0	-19.2	24.8	Vert.	43.5	18.7
323.978	35.5	QP	15.1	-16.9	33.7	Vert.	46.0	12.3
323.848	43.5	QP	15.1	-16.9	41.7	Hori.	46.0	4.3
332.970	43.3	QP	15.4	-17.0	41.7	Hori.	46.0	4.3
333.004	31.9	QP	15.4	-17.0	30.3	Vert.	46.0	15.7
341.982	40.8	QP	15.7	-16.9	39.6	Hori.	46.0	6.4
341.982	31.2	QP	15.7	-16.9	30.0	Vert.	46.0	16.0
350.997	40.9	QP	16.1	-17.0	40.0	Hori.	46.0	6.0
350.997	32.4	QP	16.1	-17.0	31.5	Vert.	46.0	14.5

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Tx: Ch. H, DH5)

DATA OF RADIATED EMISSION TEST

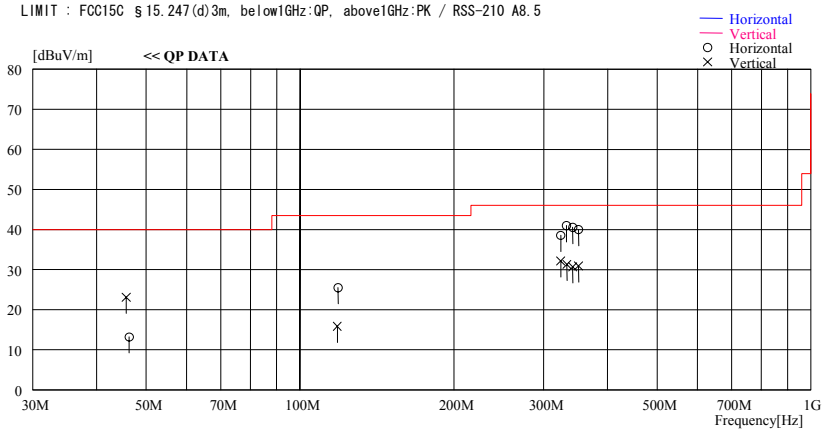
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/07 14:00:16

Company : Kodak Digital Product Center, Japan Ltd.
Kind of EUT : Bluetooth Module
Model No. : BTMC2,QEDR-EP02A
Serial No. : FMD_03

Report No. : 26CE0053-HO
Power : AC 120V / 60Hz
Temp./Humi. : 20deg.C. / 31%
Operator : Norihisa Hashimoto

Mode / Remarks : Tx 2480MHz DH5 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]		[dBuV/m]	[dB]
45.691	31.5	QP	12.0	-20.4	23.1	Vert.	40.0	16.9
46.306	21.8	QP	11.8	-20.4	13.2	Hori.	40.0	26.8
118.738	31.8	QP	12.9	-19.2	25.5	Hori.	43.5	18.0
118.367	22.2	QP	12.9	-19.2	15.9	Vert.	43.5	27.6
323.978	34.0	QP	15.1	-16.9	32.2	Vert.	46.0	13.9
323.978	40.4	QP	15.1	-16.9	38.6	Hori.	46.0	7.5
332.264	42.6	QP	15.4	-17.0	41.0	Hori.	46.0	5.0
332.990	32.9	QP	15.4	-17.0	31.3	Vert.	46.0	14.7
341.991	41.7	QP	15.7	-16.9	40.5	Hori.	46.0	5.5
341.982	31.9	QP	15.7	-16.9	30.7	Vert.	46.0	15.3
350.988	40.9	QP	16.1	-17.0	40.0	Hori.	46.0	6.0
350.988	31.8	QP	16.1	-17.0	30.9	Vert.	46.0	15.1

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Rx: Ch. M, DH5)

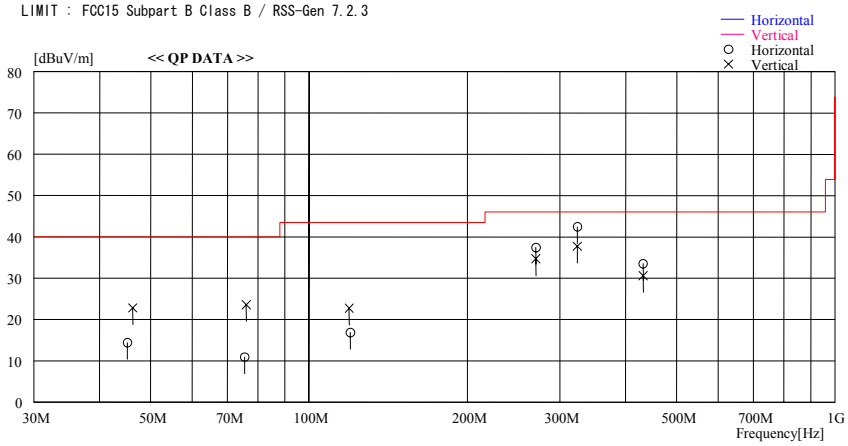
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/02/07 10:48:46

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 20deg.C. / 31%
Serial No.	: FMD_03	Operator	: Norihisa Hashimoto

Mode / Remarks : Receiving 2441MHz DH5 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15 Subpart B Class B / RSS-Gen 7.2.3



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]		[dBuV/m]	[dB]
45.150	22.7	QP	12.1	-20.4	14.4	Hori.	40.0	25.6
46.232	31.4	QP	11.8	-20.4	22.8	Vert.	40.0	17.2
75.451	23.8	QP	6.9	-19.8	10.9	Hori.	40.0	29.1
75.992	36.5	QP	6.9	-19.8	23.6	Vert.	40.0	16.4
119.853	22.9	QP	13.1	-19.2	16.8	Hori.	43.5	26.7
119.279	28.9	QP	13.0	-19.2	22.7	Vert.	43.5	20.8
269.992	35.9	QP	18.7	-17.2	37.4	Hori.	46.0	8.6
269.990	33.2	QP	18.7	-17.2	34.7	Vert.	46.0	11.3
323.984	44.2	QP	15.1	-16.9	42.4	Hori.	46.0	3.6
323.848	39.5	QP	15.1	-16.9	37.7	Vert.	46.0	8.3
432.011	33.0	QP	17.7	-17.2	33.5	Hori.	46.0	12.5
431.863	30.1	QP	17.7	-17.2	30.6	Vert.	46.0	15.4

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Tx: Ch. L, EDR (3DH5))

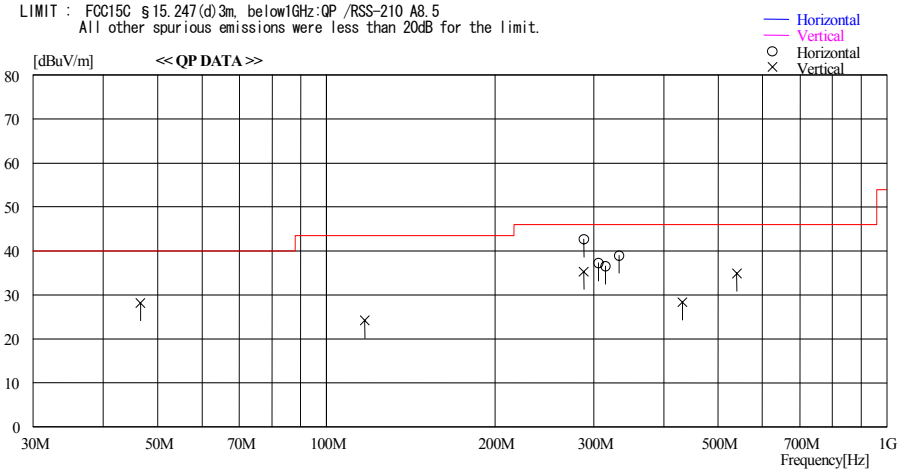
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/03/03 10:25:00

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C. / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2402MHz / 3DH5(EDR) / PRBS9 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP /RSS-210 A8.5
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
46.600	39.0	QP	11.2	-22.0	28.2	1	100	Vert.	40.0	11.8	
117.162	33.2	QP	12.2	-21.2	24.2	204	100	Vert.	43.5	19.3	
288.007	42.6	QP	19.4	-19.3	42.7	259	123	Hori.	46.0	3.3	
288.013	35.2	QP	19.4	-19.3	35.3	141	100	Vert.	46.0	10.7	
306.015	41.8	QP	14.4	-18.9	37.3	235	100	Hori.	46.0	8.7	
315.009	40.4	QP	14.7	-18.6	36.5	251	100	Hori.	46.0	9.5	
333.012	42.4	QP	15.4	-18.8	39.0	252	100	Hori.	46.0	7.0	
432.013	30.3	QP	17.8	-19.8	28.3	234	100	Vert.	46.0	17.7	
540.013	36.2	QP	18.4	-19.7	34.9	110	100	Vert.	46.0	11.1	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Tx: Ch. M, EDR (3DH5))

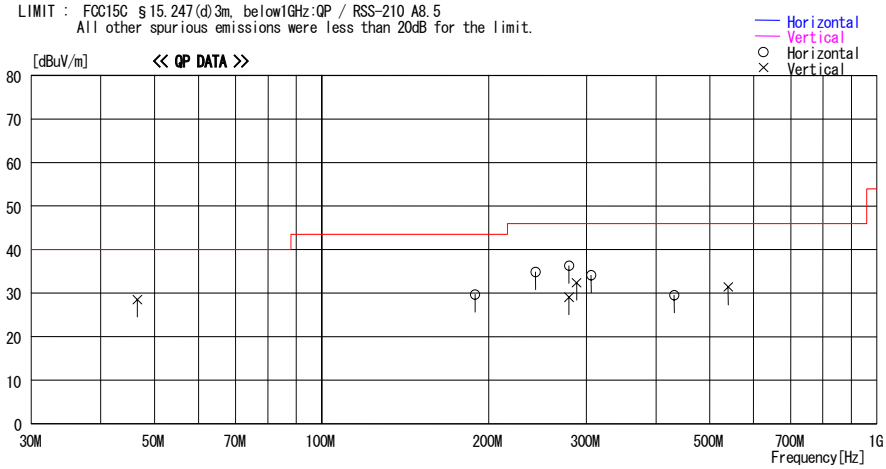
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/03/03 13:31:15

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C. / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2441MHz / 3DH5(EDR) / PRBS9 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP / RSS-210 A8.5
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
46.580	39.3	QP	11.2	-22.0	28.5	0	100	Vert.	40.0	11.5	
189.004	33.7	QP	16.3	-20.3	29.7	82	169	Hori.	43.5	13.8	
243.012	37.7	QP	17.0	-19.9	34.8	71	144	Hori.	46.0	11.2	
279.005	29.8	QP	18.9	-19.6	29.1	182	100	Vert.	46.0	16.9	
279.006	37.0	QP	18.9	-19.6	36.3	89	125	Hori.	46.0	9.7	
288.001	32.3	QP	19.4	-19.3	32.4	211	100	Vert.	46.0	13.6	
306.007	38.6	QP	14.4	-18.9	34.1	72	100	Hori.	46.0	11.9	
432.008	31.5	QP	17.8	-19.8	29.5	323	100	Hori.	46.0	16.5	
540.010	32.7	QP	18.4	-19.7	31.4	167	100	Vert.	46.0	14.6	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Tx: Ch. H, EDR (3DH5))

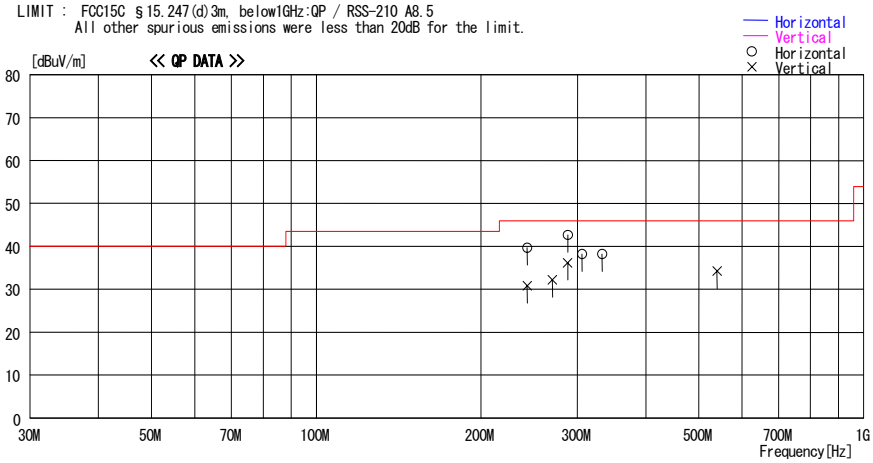
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/03/03 15:17:44

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C. / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Transmitting 2480MHz / 3DH5(EDR) / PRBS9 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP / RSS-210 A8.5
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
243.009	33.7	QP	17.0	-19.9	30.8	141	100	Vert.	46.0	15.2	
243.011	42.6	QP	17.0	-19.9	39.7	281	141	Hori.	46.0	6.3	
270.008	33.5	QP	18.4	-19.7	32.2	186	100	Vert.	46.0	13.8	
288.011	42.6	QP	19.4	-19.3	42.7	66	116	Hori.	46.0	3.3	
288.011	36.1	QP	19.4	-19.3	36.2	185	100	Vert.	46.0	9.8	
306.012	42.7	QP	14.4	-18.9	38.2	81	100	Hori.	46.0	7.8	
333.003	41.6	QP	15.4	-18.8	38.2	82	100	Hori.	46.0	7.8	
540.010	35.5	QP	18.4	-19.7	34.2	203	100	Vert.	46.0	11.8	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (below 1GHz)

(Rx: Ch. M, EDR (3DH5))

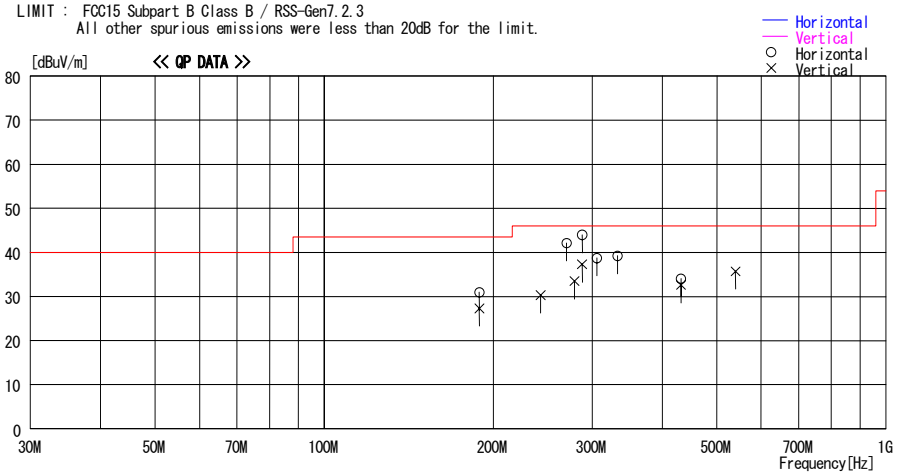
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/03/03 16:25:33

Company	: Kodak Digital Product Center, Japan Ltd.	Report No.	: 26CE0053-HO
Kind of EUT	: Bluetooth Module	Power	: AC 120V / 60Hz
Model No.	: BTMC2.0EDR-EP02A	Temp./Humi.	: 27deg.C. / 25%
Serial No.	: FMD_03	Operator	: Mitsuru Fujimura

Mode / Remarks : Receiving 2441MHz / 3DH5(EDR) / PRBS9 / Max-axis (Hor:X Ver:Y)

LIMIT : FCC15 Subpart B Class B / RSS-Gen7.2.3
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
189.008	35.0	QP	16.3	-20.3	31.0	71	182	Hori.	43.5	12.5	
189.010	31.3	QP	16.3	-20.3	27.3	353	100	Vert.	43.5	16.2	
243.010	33.2	QP	17.0	-19.9	30.3	154	100	Vert.	46.0	15.7	
270.011	43.4	QP	18.4	-19.7	42.1	266	137	Hori.	46.0	3.9	
279.008	34.2	QP	18.9	-19.6	33.5	193	100	Vert.	46.0	12.5	
288.008	37.2	QP	19.4	-19.3	37.3	196	100	Vert.	46.0	8.7	
288.010	43.9	QP	19.4	-19.3	44.0	69	116	Hori.	46.0	2.0	
306.012	43.2	QP	14.4	-18.9	38.7	73	100	Hori.	46.0	7.3	
333.009	42.6	QP	15.4	-18.8	39.2	80	100	Hori.	46.0	6.8	
432.010	36.0	QP	17.8	-19.8	34.0	76	100	Hori.	46.0	12.0	
432.012	34.6	QP	17.8	-19.8	32.6	142	156	Vert.	46.0	13.4	
540.012	37.0	QP	18.4	-19.7	35.7	175	114	Vert.	46.0	10.3	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
* Test was performed with noise from Digital Camera (V610) removed.

Radiated Spurious Emission (above 1GHz)

(Tx: Ch. L, DH5)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart C 15.247(d) / RSS-210 A8.5
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3/1m
Sample No.	: FMD_03	DATE	: 03/01/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 25deg.C
Mode	: Bluetooth Tx 2402MHz / DH5 / PRBS9	HUMIDITY	: 35%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2376.2	48.6	49.6	30.6	32.4	3.0	0.0	49.8	50.8	74.0	24.2	23.2	
2*	2400.0	75.4	79.2	30.6	32.4	3.0	0.0	76.6	80.4	74.0	-	-	
3	4804.0	41.7	41.3	35.7	31.9	4.0	1.4	50.9	50.5	74.0	23.1	23.5	
4	7206.0	41.0	41.1	37.5	31.5	5.1	1.2	53.4	53.5	74.0	20.6	20.5	*2)
5	9608.0	42.2	42.1	36.6	31.7	6.3	1.0	54.4	54.3	74.0	19.6	19.7	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
6	12010.0	-	-	40.3	31.3	7.7	0.0	-	-	74.0	-	-	*2)
7	14412.0	-	-	43.2	31.0	8.5	0.0	-	-	74.0	-	-	*2)
8	16814.0	45.4	45.5	46.4	30.8	9.0	0.0	60.4	60.5	74.0	13.6	13.5	*2)
9	19216.0	-	-	39.0	30.0	9.8	0.0	-	-	74.0	-	-	*2)
10	21618.0	-	-	39.3	30.3	9.9	0.0	-	-	74.0	-	-	*2)
11	24020.0	45.7	45.8	39.1	30.4	10.8	0.0	55.7	55.8	74.0	18.3	18.2	*2)

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2376.2	38.8	41.9	30.6	32.4	3.0	0.0	40.0	43.1	54.0	14.0	10.9	
2*	2400.0	64.0	66.3	30.6	32.4	3.0	0.0	65.2	67.5	54.0	-	-	
3	4804.0	29.0	29.1	35.7	31.9	4.0	1.4	38.2	38.3	54.0	15.8	15.7	
4	7206.0	28.3	28.3	37.5	31.5	5.1	1.2	40.7	40.7	54.0	13.3	13.3	*2)
5	9608.0	30.3	30.2	36.6	31.7	6.3	1.0	42.5	42.4	54.0	11.5	11.6	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
6	12010.0	-	-	40.3	31.3	7.7	0.0	-	-	54.0	-	-	*2)
7	14412.0	-	-	43.2	31.0	8.5	0.0	-	-	54.0	-	-	*2)
8	16814.0	32.6	32.7	46.4	30.8	9.0	0.0	47.6	47.7	54.0	6.4	**6.3**	*2)
9	19216.0	-	-	39.0	30.0	9.8	0.0	-	-	54.0	-	-	*2)
10	21618.0	-	-	39.3	30.3	9.9	0.0	-	-	54.0	-	-	*2)
11	24020.0	33.5	33.6	39.1	30.4	10.8	0.0	43.5	43.6	54.0	10.5	10.4	*2)

* Reference data

20dBc(Fundamental 2402MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2402.0	99.7	103.2	30.6	32.4	3.0	0.0	100.9	104.4	-	-	-
2	2400.0	53.7	57.0	30.6	32.4	3.0	0.0	54.8	58.2	Funda-20dB	26.0	26.2

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*3) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*4) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Tx: Ch. M, DH5)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart C 15.247(d) / RSS-210 A8.5
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3/1m
Sample No.	: FMD_03	DATE	: 03/01/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 25deg.C
Mode	: Bluetooth Tx 2441MHz / DH5 / PRBS9	HUMIDITY	: 35%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	4882.0	40.8	40.5	36.2	31.8	4.1	1.4	50.6	50.3	74.0	23.5	23.8	
2	7323.0	40.4	40.4	37.9	31.7	5.2	1.1	52.9	52.9	74.0	21.1	21.1	*2)
3	9764.0	42.5	42.7	36.6	31.8	6.4	1.1	54.7	54.9	74.0	19.3	19.1	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.0	-	-	40.4	31.0	7.8	0.0	-	-	74.0	-	-	*2)
5	14646.0	-	-	43.1	31.1	8.5	0.0	-	-	74.0	-	-	*2)
6	17087.0	45.7	45.5	46.1	30.7	9.1	0.0	60.7	60.5	74.0	13.3	13.5	*2)
7	19528.0	-	-	39.1	29.7	9.8	0.0	-	-	74.0	-	-	*2)
8	21969.0	-	-	39.6	30.7	10.0	0.0	-	-	74.0	-	-	*2)
9	24410.0	45.9	45.8	39.1	30.5	10.9	0.0	55.8	55.7	74.0	18.2	18.3	*2)

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	4882.0	28.4	28.6	36.2	31.8	4.1	1.4	38.2	38.4	54.0	15.9	15.7	
2	7323.0	28.6	28.7	37.9	31.7	5.2	1.1	41.1	41.2	54.0	12.9	12.8	*2)
3	9764.0	30.5	30.4	36.6	31.8	6.4	1.1	42.7	42.6	54.0	11.3	11.4	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.0	-	-	40.4	31.0	7.8	0.0	-	-	54.0	-	-	*2)
5	14646.0	-	-	43.1	31.1	8.5	0.0	-	-	54.0	-	-	*2)
6	17087.0	32.6	32.6	46.1	30.7	9.1	0.0	47.6	47.6	54.0	**6.4**	**6.4**	*2)
7	19528.0	-	-	39.1	29.7	9.8	0.0	-	-	54.0	-	-	*2)
8	21969.0	-	-	39.6	30.7	10.0	0.0	-	-	54.0	-	-	*2)
9	24410.0	33.3	33.4	39.1	30.5	10.9	0.0	43.2	43.3	54.0	10.8	10.7	*2)

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*3) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*4) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Tx: Ch. H, DH5)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart C 15.247(d) / RSS-210 A8.5
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3/1m
Sample No.	: FMD_03	DATE	: 03/01/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 25deg.C
Mode	: Bluetooth Tx 2480MHz / DH5 / PRBS9	HUMIDITY	: 35%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2483.5	59.3	62.5	30.4	32.4	2.9	0.0	60.2	63.4	74.0	13.8	10.6	
2	4960.0	40.7	40.9	36.6	31.8	4.1	1.4	51.0	51.2	74.0	23.0	22.8	
3	7440.0	40.5	40.6	38.2	31.9	5.2	1.1	53.1	53.2	74.0	20.9	20.8	*2)
4	9920.0	42.5	42.3	36.5	32.0	6.5	1.2	54.7	54.5	74.0	19.3	19.5	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
5	12400.0	-	-	40.5	30.7	7.9	0.0	-	-	74.0	-	-	*2)
6	14880.0	-	-	42.8	31.0	8.5	0.0	-	-	74.0	-	-	*2)
7	17360.0	45.0	44.9	46.2	31.0	9.3	0.0	59.9	59.8	74.0	14.1	14.2	*2)
8	19840.0	-	-	39.1	30.3	9.8	0.0	-	-	74.0	-	-	*2)
9	22320.0	-	-	39.5	30.7	10.1	0.0	-	-	74.0	-	-	*2)
10	24800.0	45.5	45.2	39.3	30.6	10.9	0.0	55.6	55.3	74.0	18.4	18.7	*2)

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2483.5	43.7	45.5	30.4	32.4	2.9	0.0	44.6	46.4	54.0	9.4	7.6	
2	4960.0	28.4	28.3	36.6	31.8	4.1	1.4	38.7	38.6	54.0	15.3	15.4	
3	7440.0	28.7	28.6	38.2	31.9	5.2	1.1	41.3	41.2	54.0	12.7	12.8	*2)
4	9920.0	30.5	30.4	36.5	32.0	6.5	1.2	42.7	42.6	54.0	11.3	11.4	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
5	12400.0	-	-	40.5	30.7	7.9	0.0	-	-	54.0	-	-	*2)
6	14880.0	-	-	42.8	31.0	8.5	0.0	-	-	54.0	-	-	*2)
7	17360.0	32.7	32.7	46.2	31.0	9.3	0.0	47.6	47.6	54.0	**6.4**	**6.4**	*2)
8	19840.0	-	-	39.1	30.3	9.8	0.0	-	-	54.0	-	-	*2)
9	22320.0	-	-	39.5	30.7	10.1	0.0	-	-	54.0	-	-	*2)
10	24800.0	33.7	33.8	39.3	30.6	10.9	0.0	43.8	43.9	54.0	10.2	10.1	*2)

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*3) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*4) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Rx: Ch. M, DH5)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart B / RSS-Gen 7.2.3
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3m
Sample No.	: FMD_03	DATE	: 02/24/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 24deg.C
Mode	: Bluetooth Rx 2441MHz	HUMIDITY	: 32%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Norihisa Hashimoto

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2439.5	49.4	50.8	30.5	32.4	2.8	0.0	50.3	51.7	74.0	23.7	22.3
2	4879.0	40.3	40.0	36.2	31.8	4.1	0.0	48.8	48.5	74.0	25.2	25.5
3	7318.5	40.9	41.0	37.9	31.7	5.2	0.0	52.3	52.4	74.0	21.7	21.6

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2439.5	46.6	47.1	30.5	32.4	2.8	0.0	47.5	48.0	54.0	6.5	6.0
2	4879.0	28.4	28.0	36.2	31.8	4.1	0.0	36.9	36.5	54.0	17.1	17.5
3	7318.5	28.1	28.1	37.9	31.7	5.2	0.0	39.5	39.5	54.0	14.5	14.5

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) Except for the above table : All other spurious emissions were less than 20dB for the limit.
*3) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*4) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*5) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Tx: Ch. L, EDR (3DH5))

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart C 15.247(d) / RSS-210 A8.5
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3/1m
Sample No.	: FMD_03	DATE	: 03/01/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 25deg.C
Mode	: Bluetooth Tx 2402MHz / 3DH5 / PRBS9	HUMIDITY	: 35%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2376.4	46.5	49.0	30.6	32.4	3.0	0.0	47.7	50.2	74.0	26.3	23.8	
2*	2400.0	75.1	79.7	30.6	32.4	3.0	0.0	76.3	80.9	74.0	-	-	
3	4804.0	41.6	41.0	35.7	31.9	4.0	1.4	50.8	50.2	74.0	23.2	23.8	
4	7206.0	40.7	40.9	37.5	31.5	5.1	1.2	53.1	53.3	74.0	20.9	20.7	*2)
5	9608.0	42.4	42.3	36.6	31.7	6.3	1.0	54.6	54.5	74.0	19.4	19.5	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
6	12010.0	-	-	40.3	31.3	7.7	0.0	-	-	74.0	-	-	*2)
7	14412.0	-	-	43.2	31.0	8.5	0.0	-	-	74.0	-	-	*2)
8	16814.0	45.4	45.3	46.4	30.8	9.0	0.0	60.4	60.3	74.0	13.6	13.7	*2)
9	19216.0	-	-	39.0	30.0	9.8	0.0	-	-	74.0	-	-	*2)
10	21618.0	-	-	39.3	30.3	9.9	0.0	-	-	74.0	-	-	*2)
11	24020.0	47.0	46.9	39.1	30.4	10.8	0.0	57.0	56.9	74.0	17.0	17.1	*2)

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2376.4	34.2	35.7	30.6	32.4	3.0	0.0	35.4	36.9	54.0	18.6	17.1	
2*	2400.0	51.4	53.5	30.6	32.4	3.0	0.0	52.6	54.7	54.0	-	-	
3	4804.0	28.9	29.0	35.7	31.9	4.0	1.4	38.1	38.2	54.0	15.9	15.8	
4	7206.0	28.4	28.3	37.5	31.5	5.1	1.2	40.8	40.7	54.0	13.2	13.3	*2)
5	9608.0	30.4	30.4	36.6	31.7	6.3	1.0	42.6	42.6	54.0	11.4	11.4	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
6	12010.0	-	-	40.3	31.3	7.7	0.0	-	-	54.0	-	-	*2)
7	14412.0	-	-	43.2	31.0	8.5	0.0	-	-	54.0	-	-	*2)
8	16814.0	32.7	32.6	46.4	30.8	9.0	0.0	47.7	47.6	54.0	**6.3**	6.4	*2)
9	19216.0	-	-	39.0	30.0	9.8	0.0	-	-	54.0	-	-	*2)
10	21618.0	-	-	39.3	30.3	9.9	0.0	-	-	54.0	-	-	*2)
11	24020.0	33.7	33.6	39.1	30.4	10.8	0.0	43.7	43.6	54.0	10.3	10.4	*2)

* Reference data

20dBc(Fundamental 2402MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2402.0	96.8	100.8	30.6	32.4	3.0	0.0	98.0	102.0	-	-	-
2	2400.0	47.6	50.7	30.6	32.4	3.0	0.0	48.7	51.8	Funda-20dB	29.2	30.1

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*3) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*4) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Tx Ch. M, EDR (3DH5))

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart C 15.247(d) / RSS-210 A8.5
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3/1m
Sample No.	: FMD_03	DATE	: 03/01/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 25deg.C
Mode	: Bluetooth Tx 2441MHz / 3DH5 / PRBS9	HUMIDITY	: 35%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	4882.0	40.9	40.7	36.2	31.8	4.1	1.4	50.7	50.5	74.0	23.4	23.6	
2	7323.0	40.8	40.6	37.9	31.7	5.2	1.1	53.3	53.1	74.0	20.7	20.9	*2)
3	9764.0	42.4	42.6	36.6	31.8	6.4	1.1	54.6	54.8	74.0	19.4	19.2	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.0	-	-	40.4	31.0	7.8	0.0	-	-	74.0	-	-	*2)
5	14646.0	-	-	43.1	31.1	8.5	0.0	-	-	74.0	-	-	*2)
6	17087.0	46.0	45.9	46.1	30.7	9.1	0.0	61.0	60.9	74.0	13.0	13.1	*2)
7	19528.0	-	-	39.1	29.7	9.8	0.0	-	-	74.0	-	-	*2)
8	21969.0	-	-	39.6	30.7	10.0	0.0	-	-	74.0	-	-	*2)
9	24410.0	45.6	45.5	39.1	30.5	10.9	0.0	55.5	55.4	74.0	18.5	18.6	*2)

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	4882.0	28.6	28.9	36.2	31.8	4.1	1.4	38.4	38.7	54.0	15.7	15.4	
2	7323.0	28.5	28.4	37.9	31.7	5.2	1.1	41.0	40.9	54.0	13.0	13.1	*2)
3	9764.0	30.6	30.8	36.6	31.8	6.4	1.1	42.8	43.0	54.0	11.2	11.0	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.0	-	-	40.4	31.0	7.8	0.0	-	-	54.0	-	-	*2)
5	14646.0	-	-	43.1	31.1	8.5	0.0	-	-	54.0	-	-	*2)
6	17087.0	32.6	32.6	46.1	30.7	9.1	0.0	47.6	47.6	54.0	**6.4**	**6.4**	*2)
7	19528.0	-	-	39.1	29.7	9.8	0.0	-	-	54.0	-	-	*2)
8	21969.0	-	-	39.6	30.7	10.0	0.0	-	-	54.0	-	-	*2)
9	24410.0	33.3	33.2	39.1	30.5	10.9	0.0	43.2	43.1	54.0	10.8	10.9	*2)

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*3) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*4) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Tx: Ch. H, EDR (3DH5))

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart C 15.247(d) / RSS-210 A8.5
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3/1m
Sample No.	: FMD_03	DATE	: 03/01/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 25deg.C
Mode	: Bluetooth Tx 2480MHz / 3DH5 / PRBS9	HUMIDITY	: 35%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2483.5	64.1	64.9	30.4	32.4	2.9	0.0	65.0	65.8	74.0	9.0	8.2	
2	4960.0	41.0	40.6	36.6	31.8	4.1	1.4	51.3	50.9	74.0	22.7	23.1	
3	7440.0	41.0	41.9	38.2	31.9	5.2	1.1	53.6	54.5	74.0	20.4	19.5	*2)
4	9920.0	42.7	42.6	36.5	32.0	6.5	1.2	54.9	54.8	74.0	19.1	19.2	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
5	12400.0	-	-	40.5	30.7	7.9	0.0	-	-	74.0	-	-	*2)
6	14880.0	-	-	42.8	31.0	8.5	0.0	-	-	74.0	-	-	*2)
7	17360.0	45.5	45.6	46.2	31.0	9.3	0.0	60.4	60.5	74.0	13.6	13.5	*2)
8	19840.0	-	-	39.1	30.3	9.8	0.0	-	-	74.0	-	-	*2)
9	22320.0	-	-	39.5	30.7	10.1	0.0	-	-	74.0	-	-	*2)
10	24800.0	45.4	45.3	39.3	30.6	10.9	0.0	55.5	55.4	74.0	18.5	18.6	*2)

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN		
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER	
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2483.5	43.4	43.9	30.4	32.4	2.9	0.0	44.3	44.8	54.0	9.7	9.2	
2	4960.0	28.4	28.2	36.6	31.8	4.1	1.4	38.7	38.5	54.0	15.3	15.5	
3	7440.0	28.2	28.3	38.2	31.9	5.2	1.1	40.8	40.9	54.0	13.2	13.1	*2)
4	9920.0	30.4	30.3	36.5	32.0	6.5	1.2	42.6	42.5	54.0	11.4	11.5	*2)
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
5	12400.0	-	-	40.5	30.7	7.9	0.0	-	-	54.0	-	-	*2)
6	14880.0	-	-	42.8	31.0	8.5	0.0	-	-	54.0	-	-	*2)
7	17360.0	32.7	32.7	46.2	31.0	9.3	0.0	47.6	47.6	54.0	**6.4**	**6.4**	*2)
8	19840.0	-	-	39.1	30.3	9.8	0.0	-	-	54.0	-	-	*2)
9	22320.0	-	-	39.5	30.7	10.1	0.0	-	-	54.0	-	-	*2)
10	24800.0	33.2	33.1	39.3	30.6	10.9	0.0	43.3	43.2	54.0	10.7	10.8	*2)

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*3) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*4) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

(Rx: Ch. M, EDR (3DH5))

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Kodak Digital Product Center, Japan Ltd.	REPORT NO	: 26CE0053-HO
Equipment	: Bluetooth Module	REGULATION	: FCC Part15 Subpart B / RSS-Gen 7.2.3
Model	: BTMC2.0EDR-EP02A	TEST DISTANCE	: 3m
Sample No.	: FMD_03	DATE	: 03/12/2006
Power	: AC 120V / 60 Hz	TEMPERATURE	: 24deg.C
Mode	: Bluetooth Rx 2441MHz	HUMIDITY	: 32%
Remarks	: Hor: X-axis , Ver: Y-axis	ENGINEER	: Yasuyuki Fukui

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2439.5	53.0	51.9	30.4	36.3	3.2	0.0	50.3	49.2	74.0	23.7	24.8

AV DETECT (RBW: 1MHz, VBW: 10Hz)

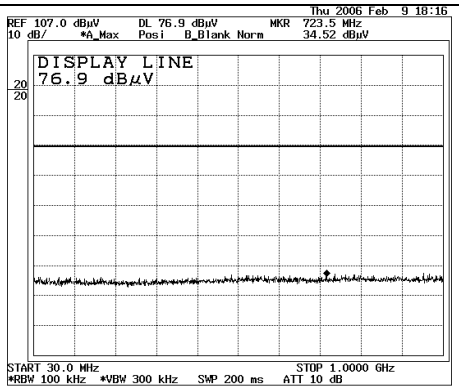
No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2439.5	50.4	48.1	30.4	36.3	3.2	0.0	47.7	45.4	54.0	6.3	8.6

*1) Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*2) Except for the above table : All other spurious emissions were less than 20dB for the limit.
*3) In the frequency over the three harmonic, the noise from the EUT was not seen.The data above is its base noise.
*4) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*5) Hi-Pass Fiter was not used for factor 0.0dB of the above table.

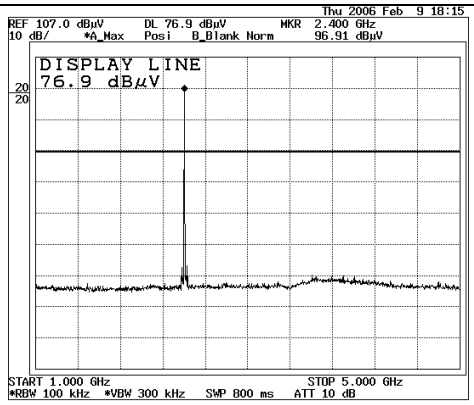
Conducted Spurious Emission

Ch:Low

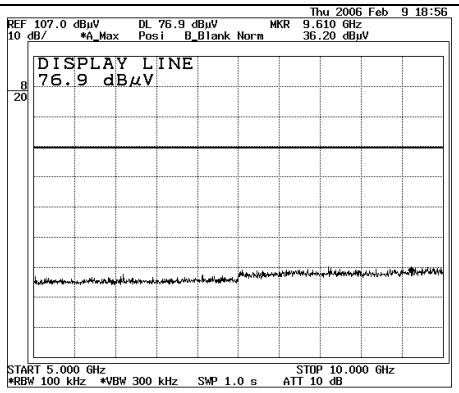
30MHz-1GHz



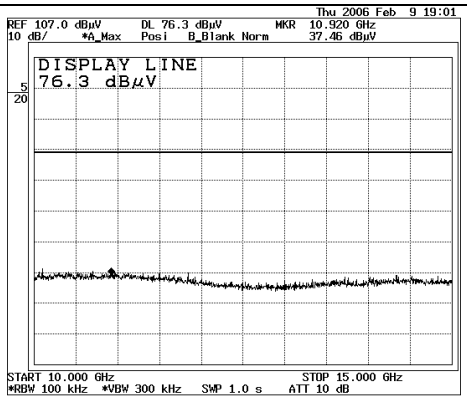
1GHz-5GHz



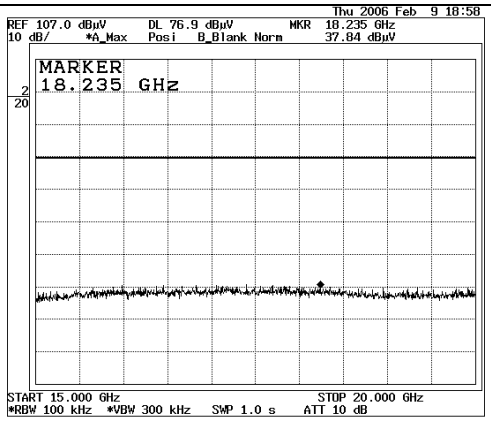
5GHz-10GHz



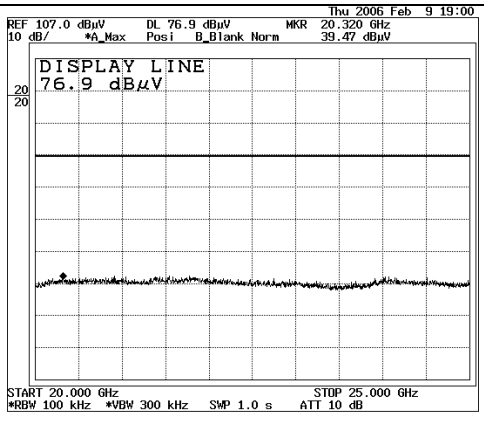
10GHz-15GHz



15GHz-20GHz

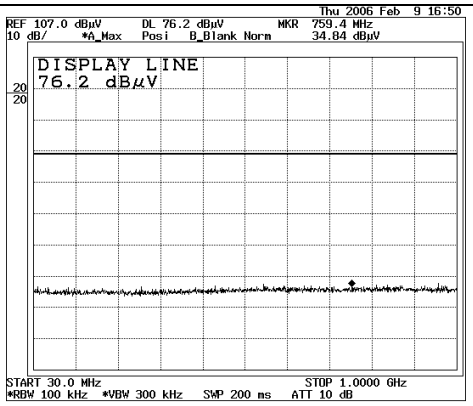


20GHz-25GHz

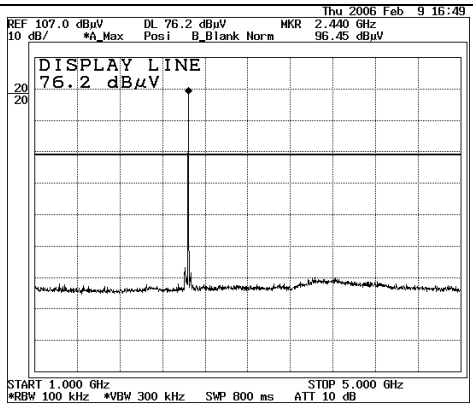


Conducted Spurious Emission
Ch:Mid

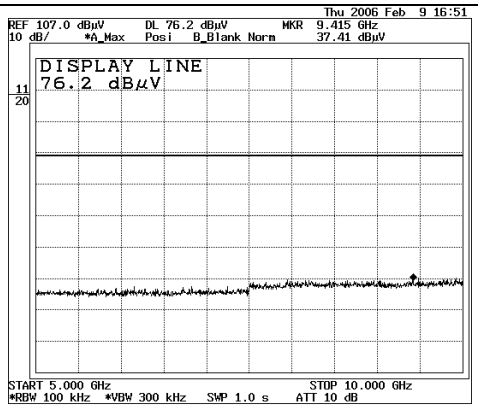
30MHz-1GHz



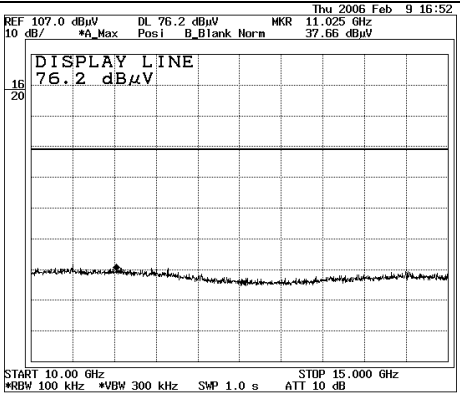
1GHz-5GHz



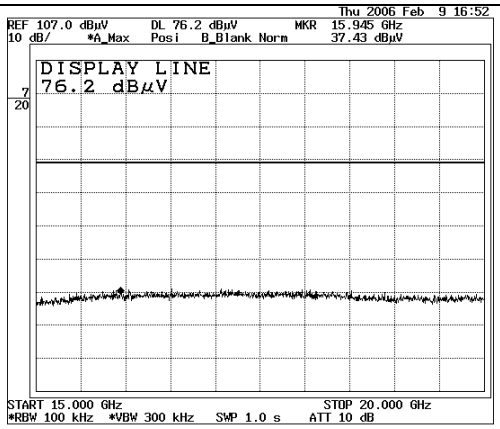
5GHz-10GHz



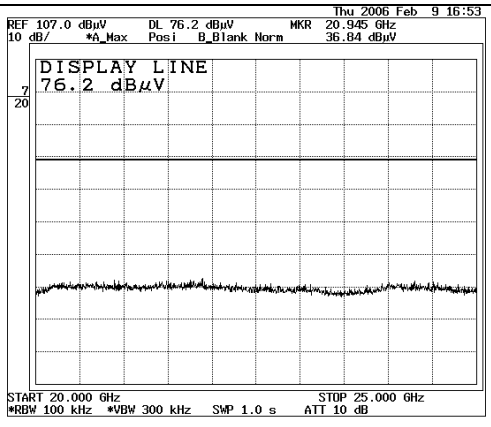
10GHz-15GHz



15GHz-20GHz

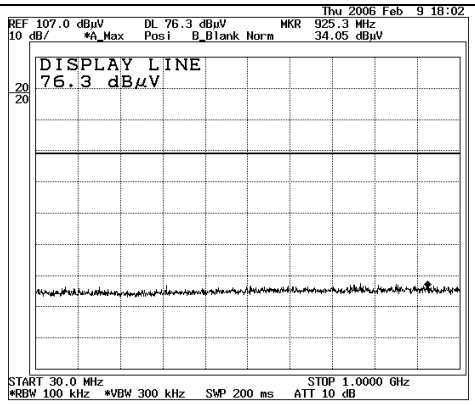


20GHz-25GHz

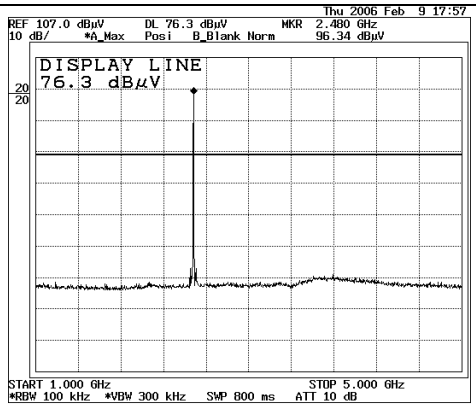


Conducted Spurious Emission
Ch:High

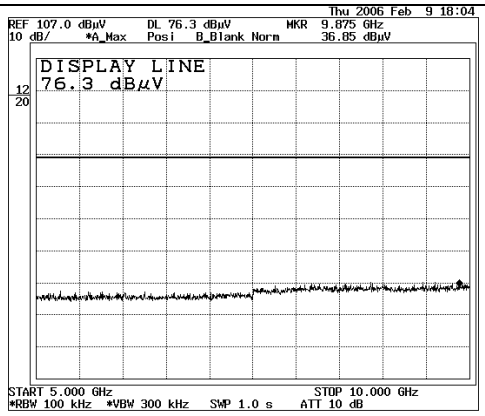
30MHz-1GHz



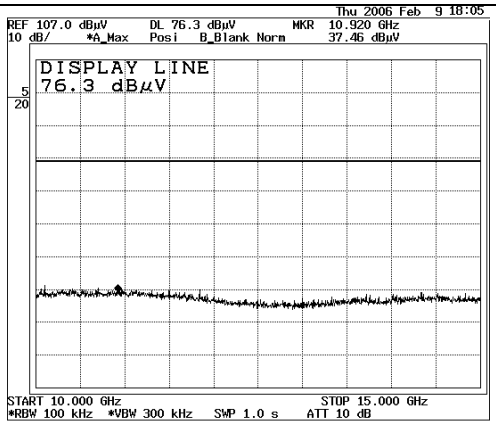
1GHz-5GHz



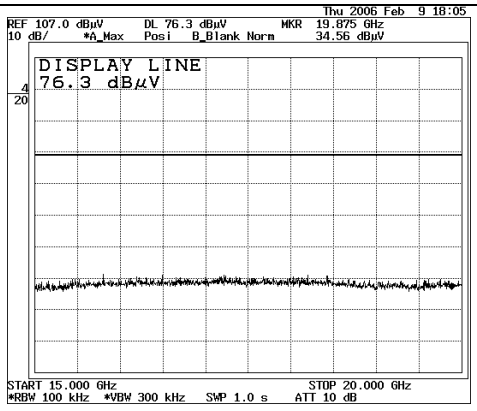
5GHz-10GHz



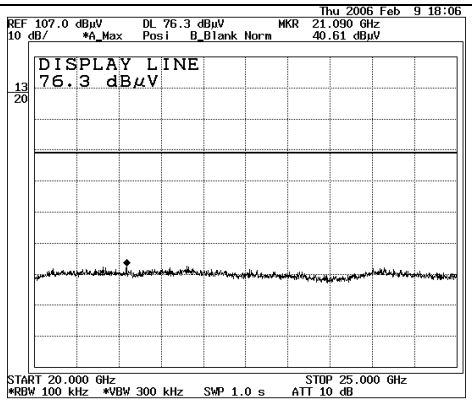
10GHz-15GHz



15GHz-20GHz

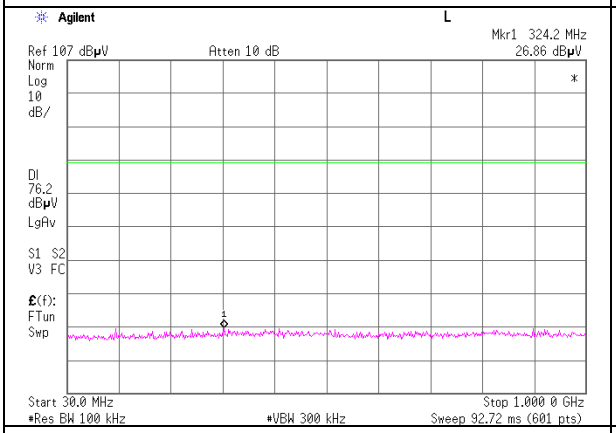


20GHz-25GHz

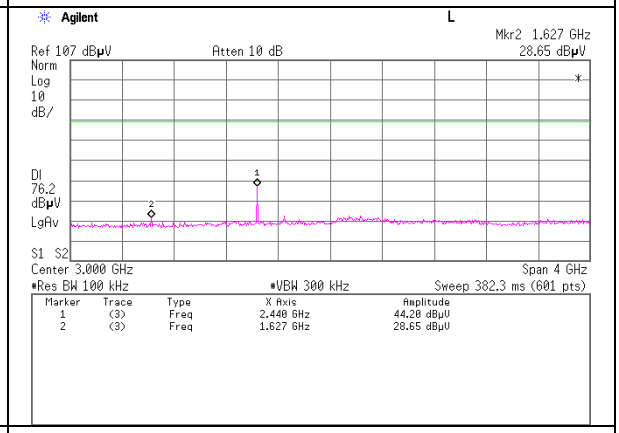


Conducted Spurious Emission
Rx Ch:Mid

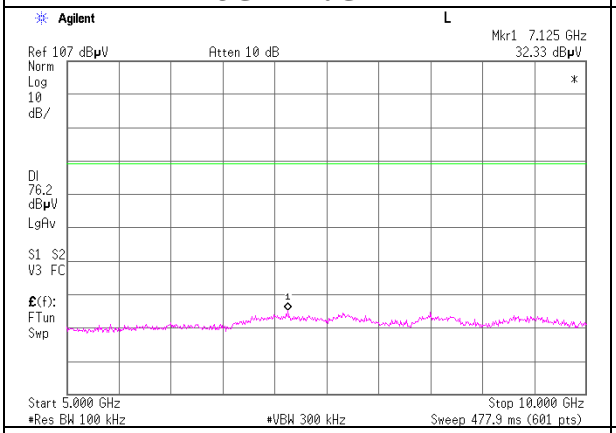
30MHz-1GHz



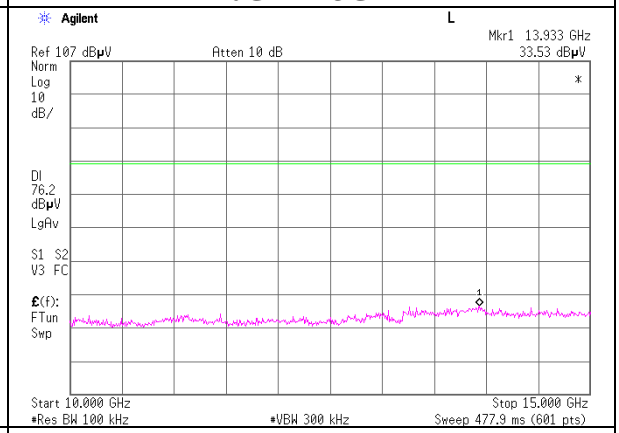
1GHz-5GHz



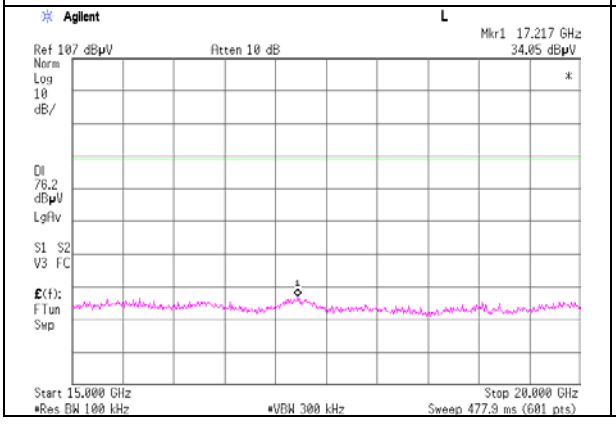
5GHz-10GHz



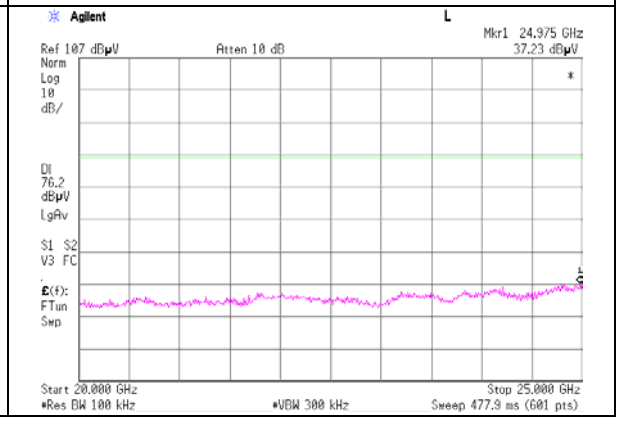
10GHz-15GHz



15GHz-20GHz

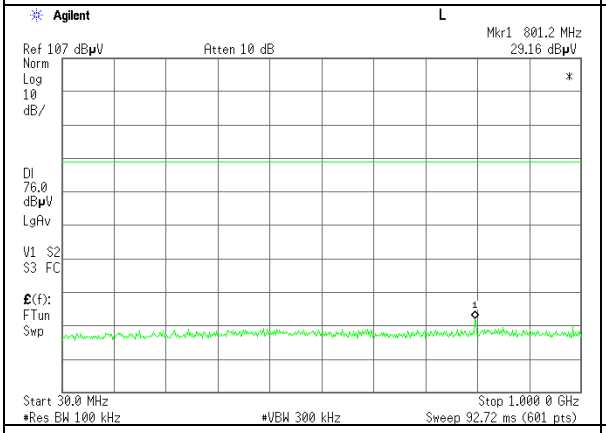


20GHz-25GHz

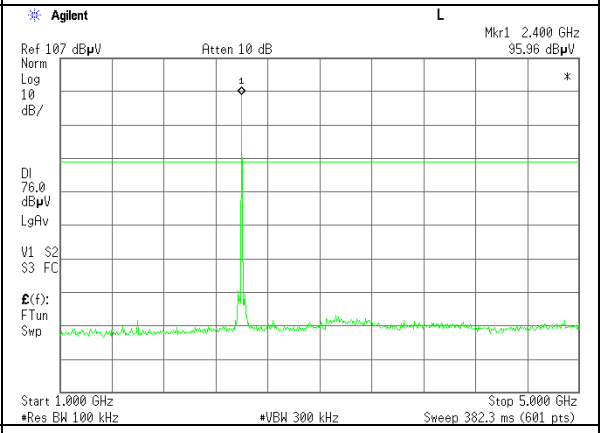


Conducted Spurious Emission(EDR)
Ch:Low

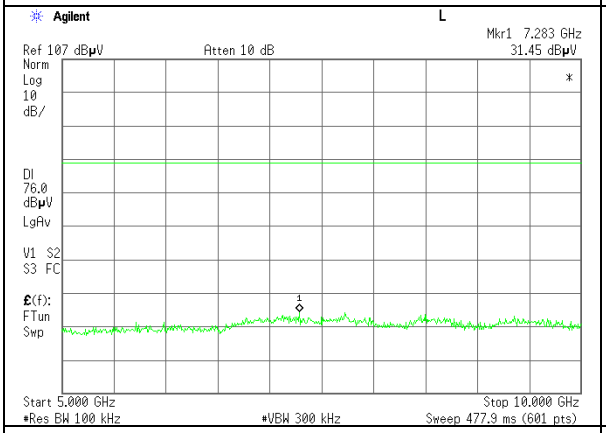
30MHz-1GHz



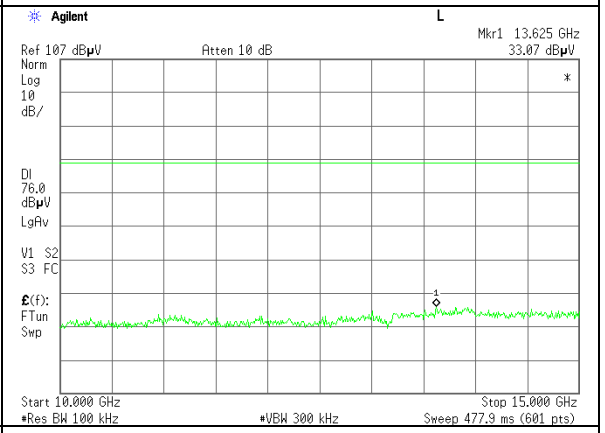
1GHz-5GHz



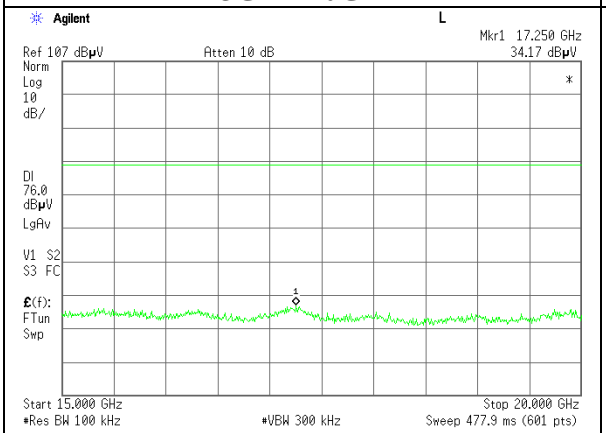
5GHz-10GHz



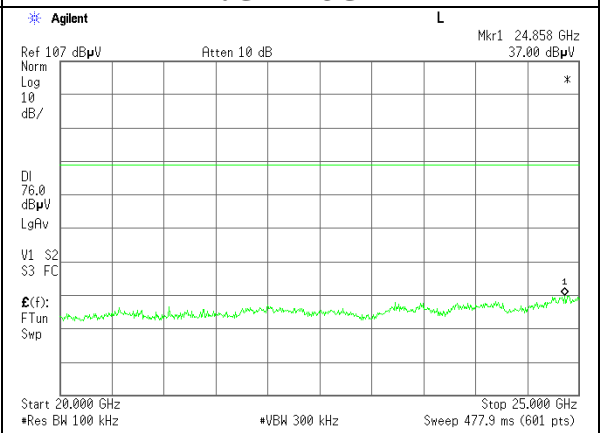
10GHz-15GHz



15GHz-20GHz

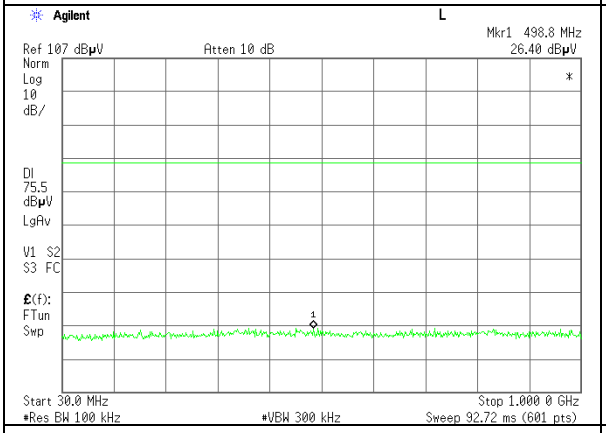


20GHz-25GHz

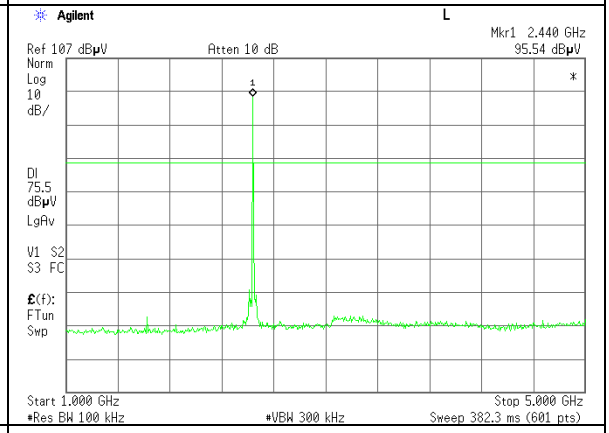


Conducted Spurious Emission (EDR)
Ch:Mid

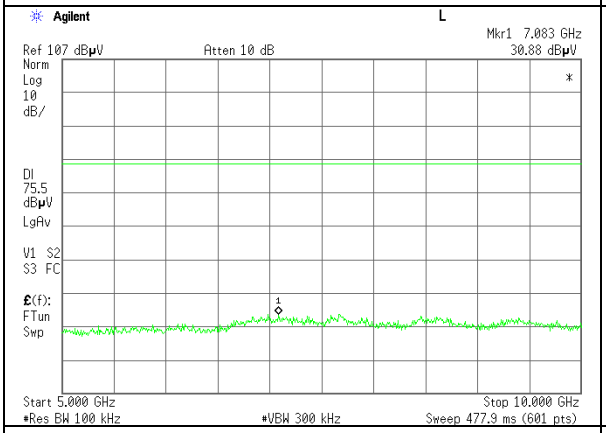
30MHz-1GHz



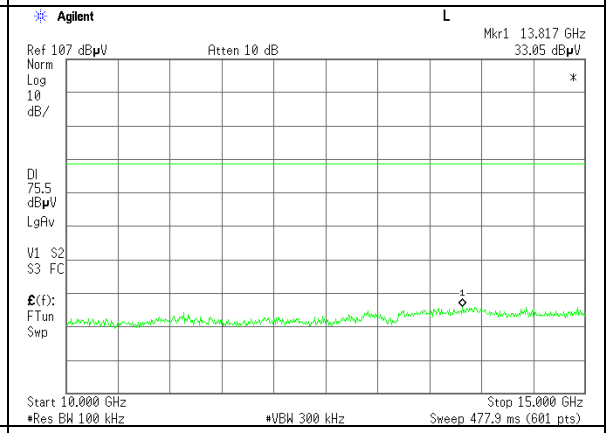
1GHz-5GHz



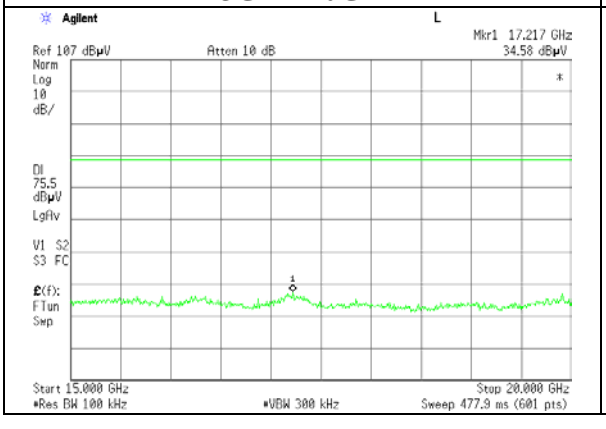
5GHz-10GHz



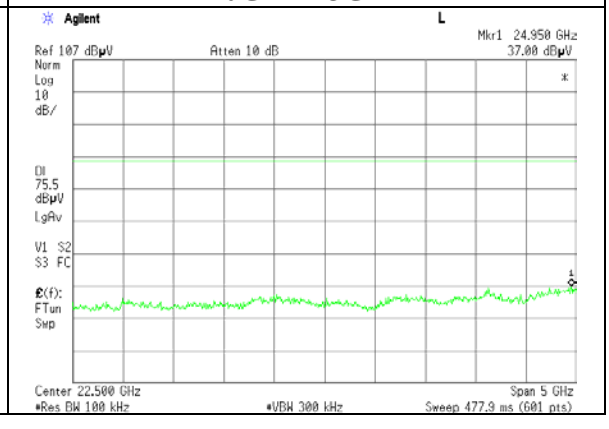
10GHz-15GHz



15GHz-20GHz

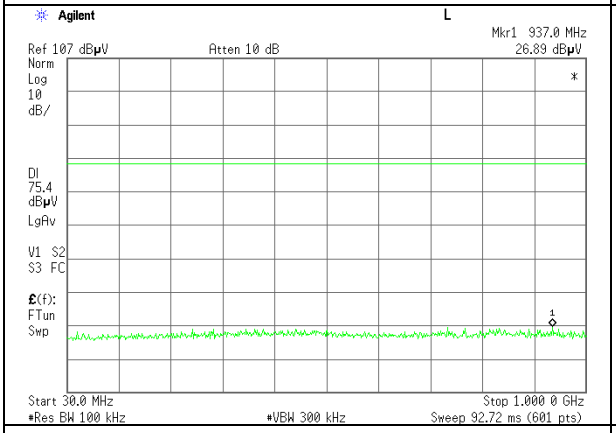


20GHz-25GHz

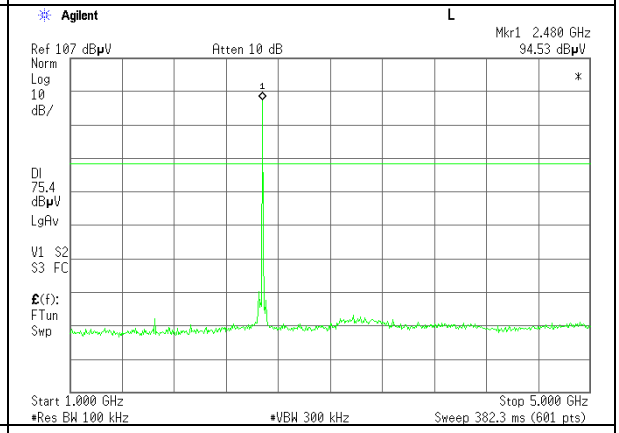


Conducted Spurious Emission (EDR)
Ch:High

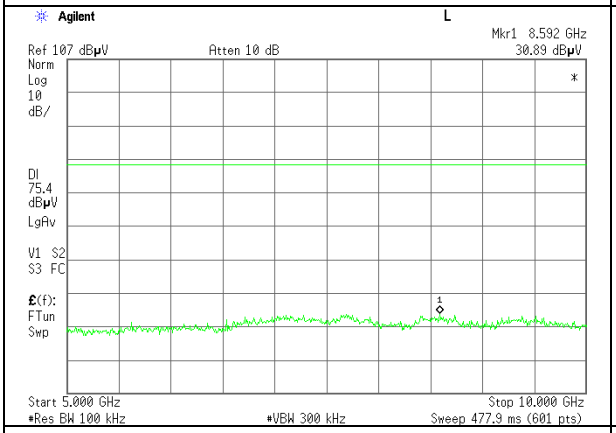
30MHz-1GHz



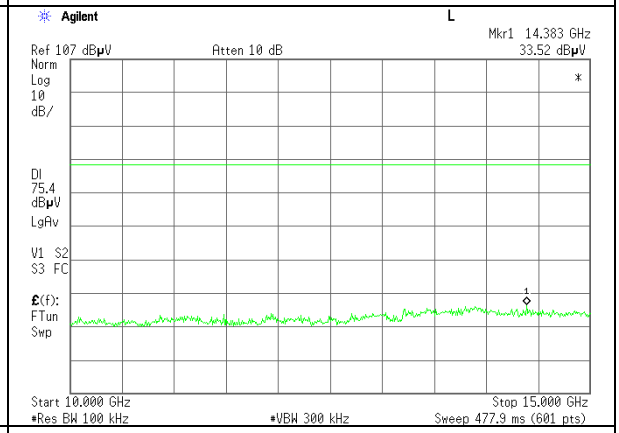
1GHz-5GHz



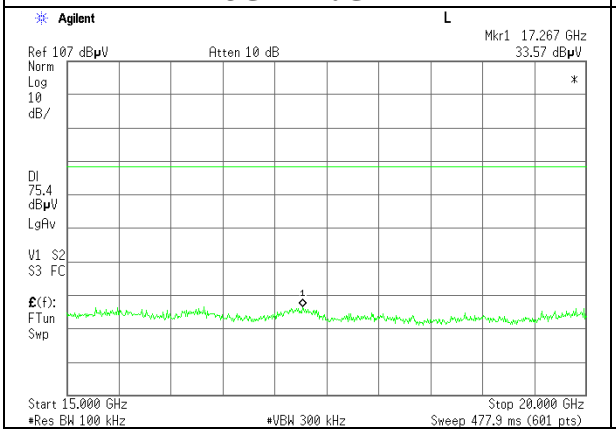
5GHz-10GHz



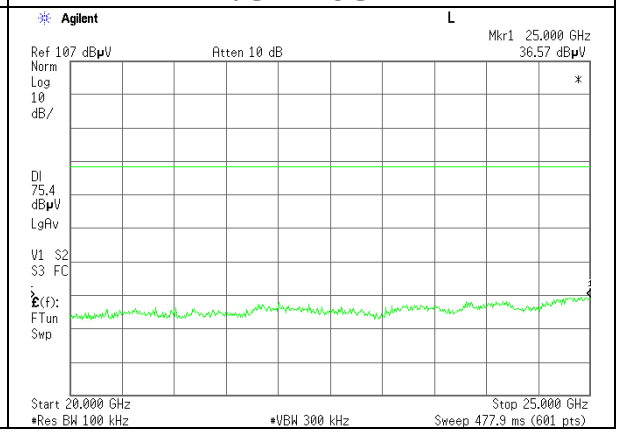
10GHz-15GHz



15GHz-20GHz

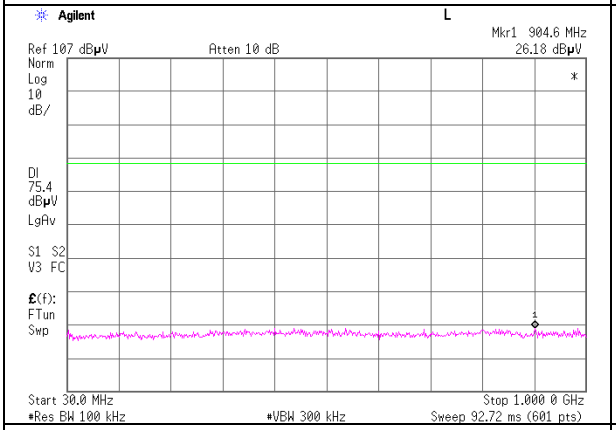


20GHz-25GHz

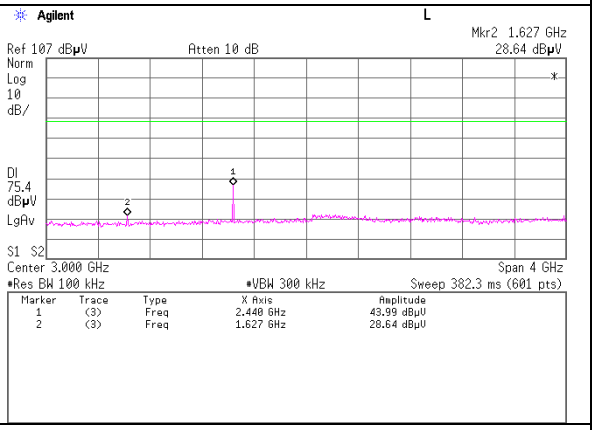


Conducted Spurious Emission (EDR)
Rx Ch:Mid

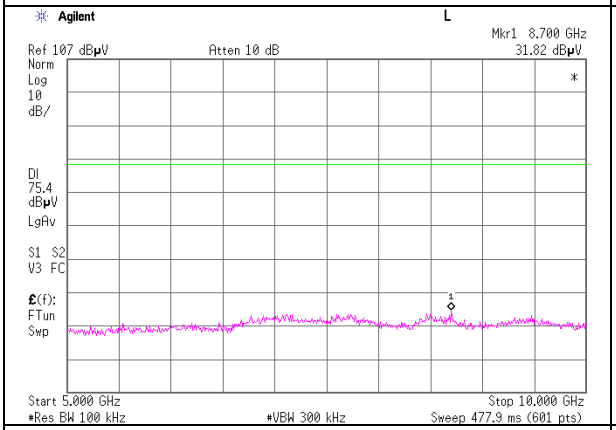
30MHz-1GHz



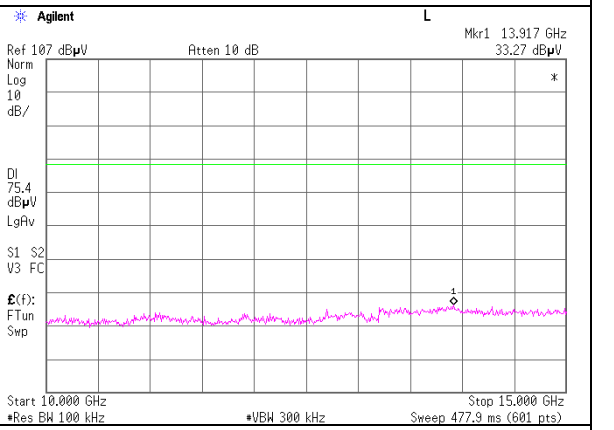
1GHz-5GHz



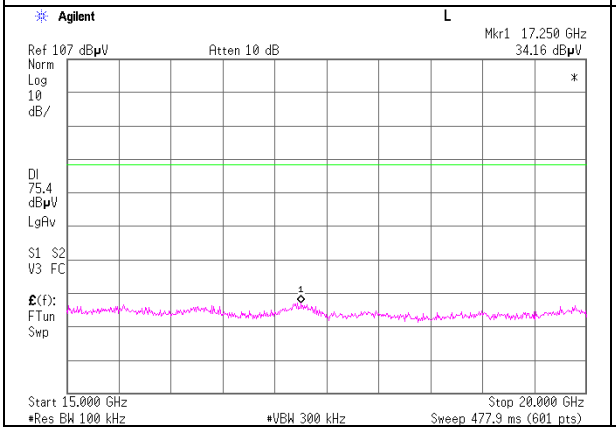
5GHz-10GHz



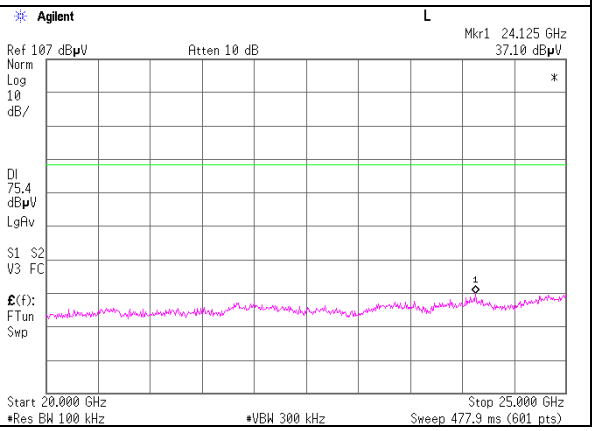
10GHz-15GHz



15GHz-20GHz

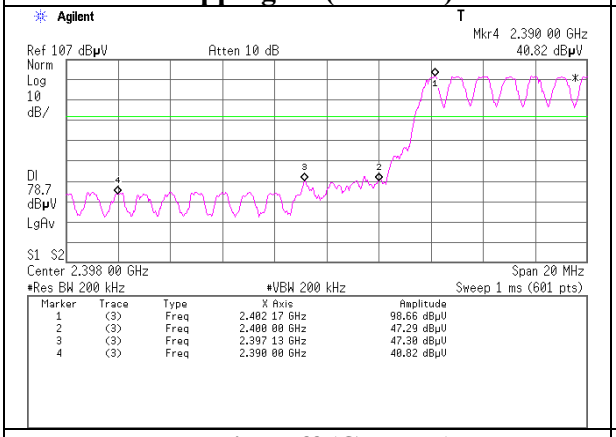


20GHz-25GHz

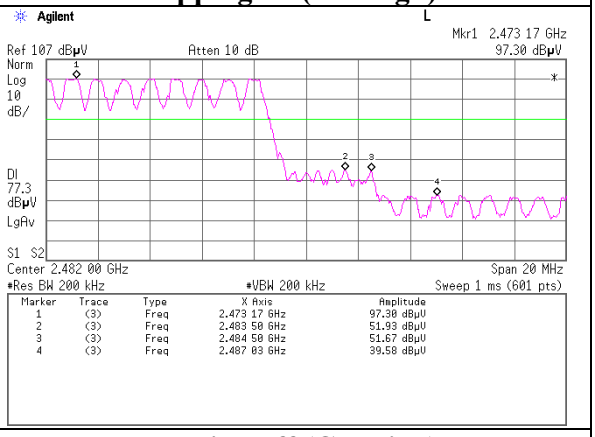


Band Edge compliance

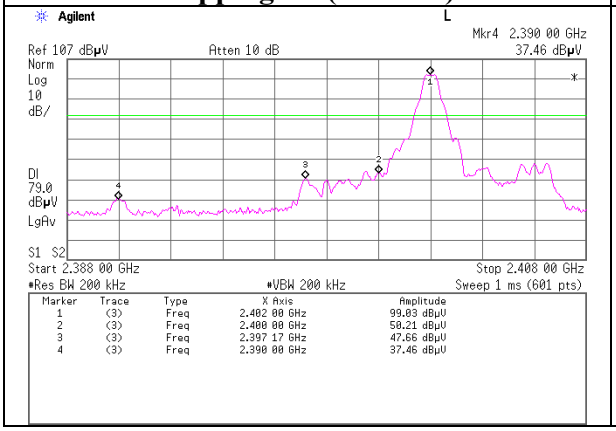
Hopping on (Ch:Low)



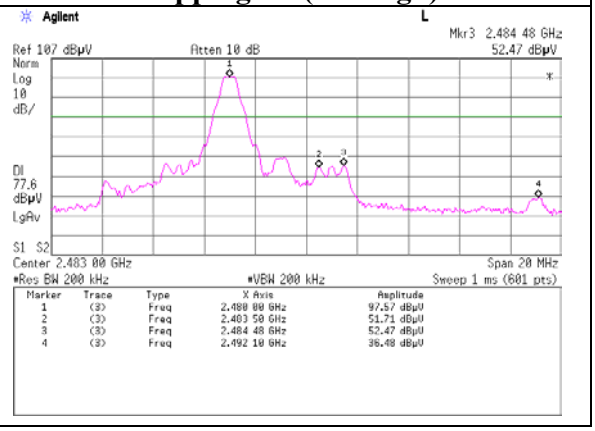
Hopping on (Ch:High)



Hopping off (Ch:Low)

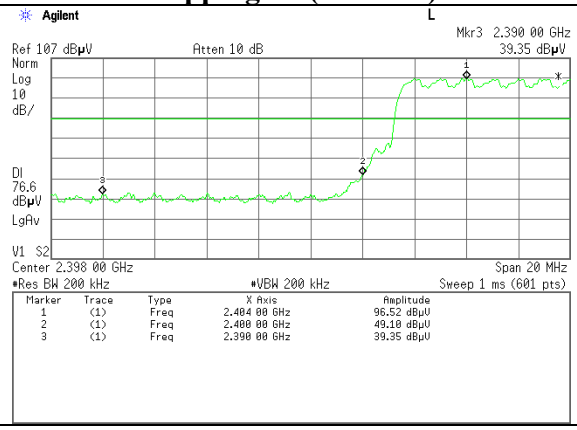


Hopping off (Ch:High)

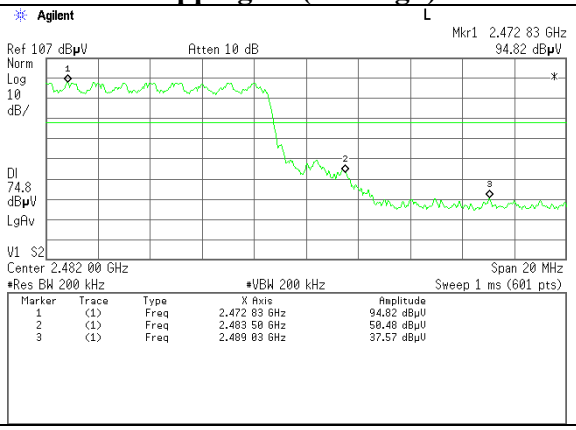


Band Edge compliance(EDR)

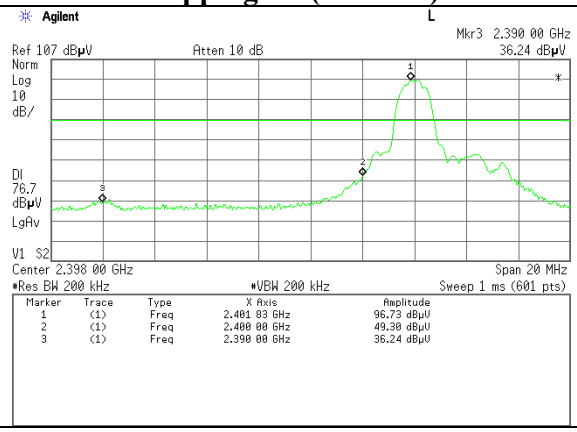
Hopping on (Ch:Low)



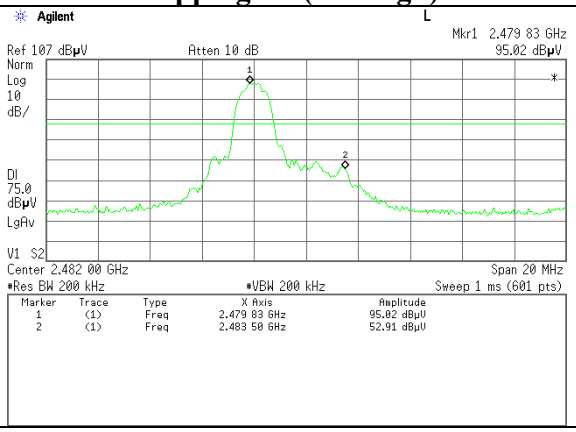
Hopping on (Ch:High)



Hopping off (Ch:Low)

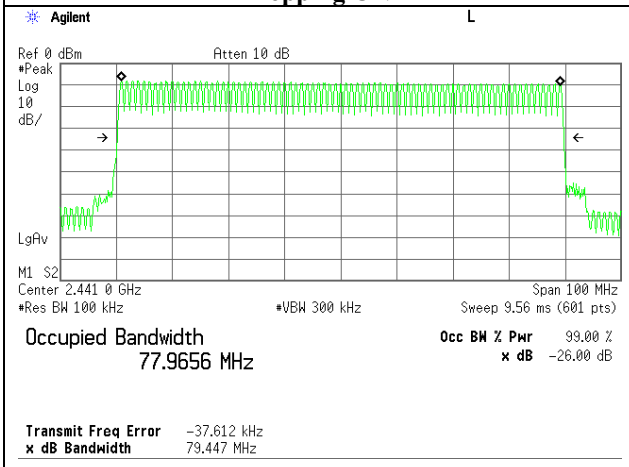


Hopping off (Ch:High)

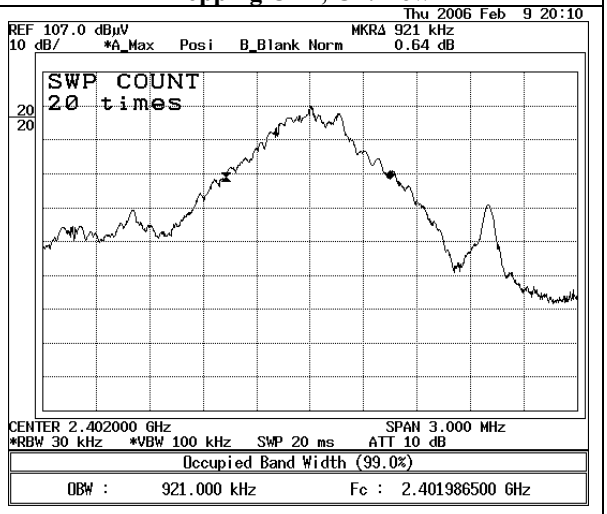


99% Occupied Bandwidth

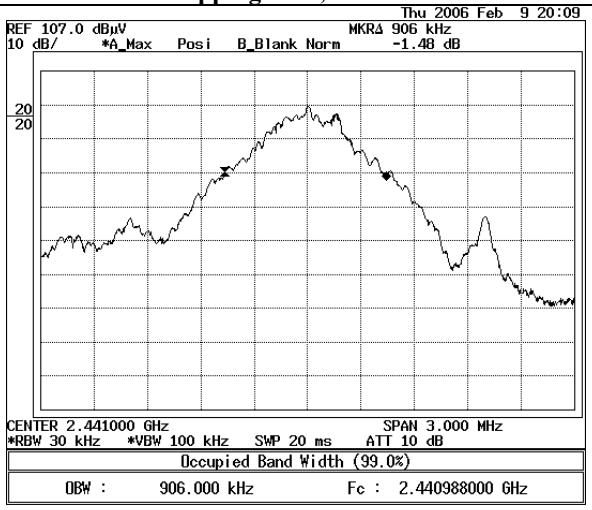
Hopping ON



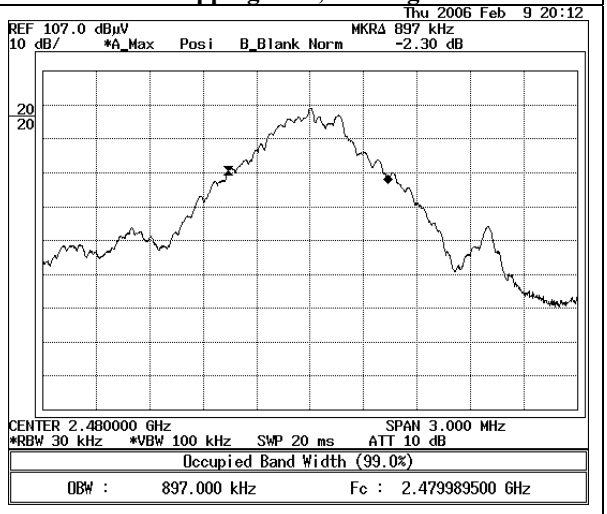
Hopping OFF, Ch: Low



Hopping OFF, Ch: Mid

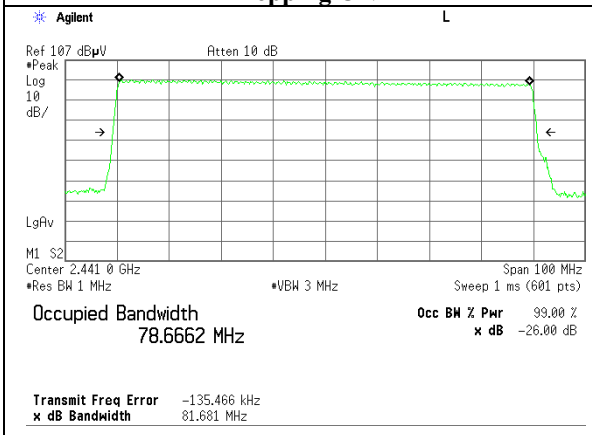


Hopping OFF, Ch: High

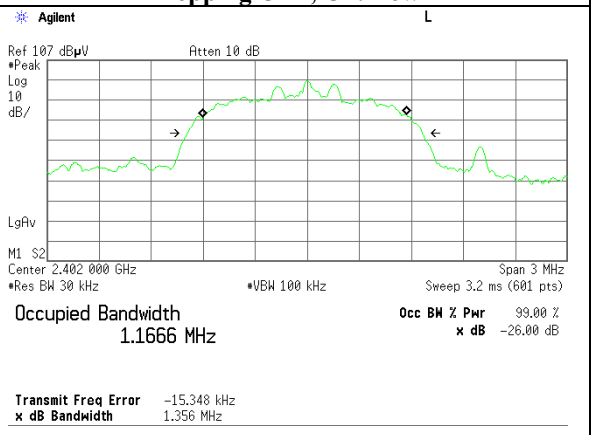


99% Occupied Bandwidth(EDR)

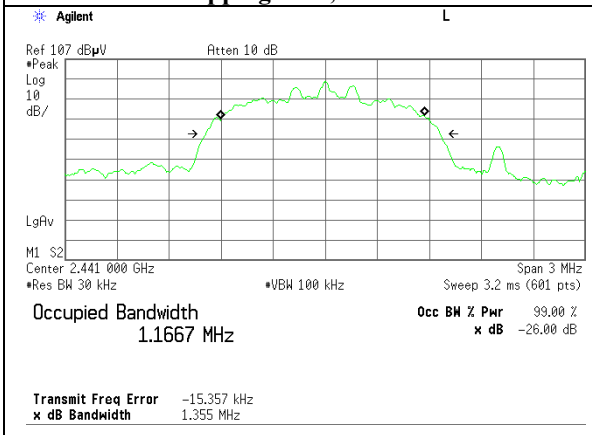
Hopping ON



Hopping OFF, Ch: Low



Hopping OFF, Ch: Mid



Hopping OFF, Ch: High