TEST REPORT For

ITONE DIGITAL (SHENZHEN) CO., LTD.

EBOOK

Model No.: BK7019, ER701

FCC ID: YWCER701

Prepared for : ITONE DIGITAL (SHENZHEN) CO., LTD.

Address : B3, NO.3, 2nd Row, Xinfa Industrial Zone, Xinqiao, Shajing,

Bao'an District, Shenzhen, China

Prepared by : SHENZHEN EMTEK CO., LTD. Address : Bldg 69, Majialong Industry Zone,

Nanshan District, Shenzhen, Guangdong, China

Tel: (0755) 26954280 Fax: (0755) 26954282

Report Number : ES110808023F

Date of Test : July 05, 2011 to July 08, 2011

Date of Report : August 8, 2011

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APPENDIX III (Photos of EUT) (4 Pages)

TEST REPORT DESCRIPTION

Applicant : ITONE DIGITAL (SHENZHEN) CO., LTD.

Manufacturer : ITONE DIGITAL (SHENZHEN) CO., LTD.

EUT : EBOOK

Model No. : BK7019, ER701 FCC ID : YWCER701

Power Supply : DC 3.7V from Li-ion Battery and DC 5V from USB Port

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B October 2009 & FCC / ANSI C63.4-2009

The device described above is tested by SHENZHEN EMTEK CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and SHENZHEN EMTEK CO., LTD. is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of SHENZHEN EMTEK CO., LTD.

Date of Test :	July 05, 2011 to July 08, 2011
	1 rem
Prepared by :	/ 0
	(Engineer)
Reviewer :	Lines
	(Quality Manager)
	7.11
Approved & Authorized Signer:	Charl Re
	(Manager)

1. SUMMARY OF TEST RESULT

	EMISSION						
Description of Test Item	Standard & Limits	Results					
Conducted Disturbance at Mains Terminals	FCC Part 15, Subpart B, Class B ANSI C63.4: 2009	Pass					
Radiated Disturbance	FCC Part 15, Subpart B, Class B ANSI C63.4: 2009	Pass					
Note: N/A is an abbreviation for Not Applicable.							

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

EUT : EBOOK

Model Number : BK7019, ER701

(Note: The Models are the same, except their model name are

different, we take BK7019 for test.)

Test Voltage : DC 3.7V from Li-ion Battery and DC 5V from USB Port

Applicant : ITONE DIGITAL (SHENZHEN) CO., LTD.

Address : B3, NO.3, 2nd Row, Xinfa Industrial Zone, Xinqiao, Shajing,

Bao'an District, Shenzhen, China

Manufacturer : ITONE DIGITAL (SHENZHEN) CO., LTD.

Address : B3, NO.3, 2nd Row, Xinfa Industrial Zone, Xinqiao, Shajing,

Bao'an District, Shenzhen, China

Date of Received : July 05, 2011

Date of Test : July 05, 2011 to July 08, 2011

2.2.Description of Support Device

PC : Manufacturer: LENOVO

M/N: 9702 S/N: L3C4410 CE, FCC: DOC

LCD Monitor : Manufacturer: LENOVO

M/N: 9227-AE6

S/N:4M0293084302824

CE, FCC: DOC

Keyboard : Manufacturer: LENOVO

M/N: KU-0225 S/N:0585494 CE, FCC: DOC

Mouse : Manufacturer: LENOVO

M/N: MO28UOL S/N:44G7862 068 CE, FCC: DOC

2.3. Description of Test Facility

Site Description

EMC Lab. : Accredited by CNAS, 2010.10.29

The certificate is valid until 2013.10.28

The Laboratory has been assessed and proved to be in compliance

with CNAS-CL01:2006 (identical to ISO/IEC 17025:2005)

The Certificate Registration Number is L2291.

Accredited by TUV Rheinland Shenzhen 2010.5.25

The Laboratory has been assessed according to the requirements

ISO/IEC 17025.

Accredited by FCC, October 28, 2010

The Certificate Registration Number is 406365.

Accredited by Industry Canada, March 5, 2010 The Certificate Registration Number is 46405-4480.

Name of FirmSHENZHEN EMTEK CO., LTD.Site LocationBldg 69, Majialong Industry Zone,

Nanshan District, Shenzhen, Guangdong, China

2.4. Measurement Uncertainty

Conducted Emission Uncertainty: 2.8dB

Radiated Emission Uncertainty : 3.3dB (3m Chamber)

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. For Power Line Conducted Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	100162	May 29, 2011	1 Year
2.	L.I.S.N.	Rohde & Schwarz	ENV216	3560.6550.12	May 29, 2011	1 Year
3.	50Ω Coaxial Switch	Anritsu	MP59B	6100214550	N/A	N/A
4.	Voltage Probe	Rohde & Schwarz	TK9416	N/A	May 29, 2011	1 Year
5.	I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	May 29, 2011	1 Year

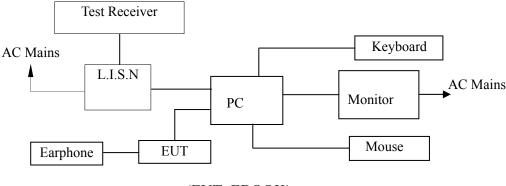
3.2.For Radiated Emission Measurement(3m Chamber)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test	Rohde &	ESU	1302.6005.26	May 29, 2011	1 Year
	Receiver	Schwarz				
2.	Pre-Amplifier	HP	8447D	2944A07999	May 29, 2011	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	142	May 29, 2011	1 Year
4.	Loop Antenna	ARA	PLA-1030/B	1029	May 29, 2011	1 Year
5.	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA91703 99	May 29, 2011	1 Year
6.	Horn Antenna	Schwarzbeck	BBHA 9120	D143	May 29, 2011	1 Year
7.	Cable	Schwarzbeck	AK9513	ACRX1	May 29, 2011	1 Year
8.	Cable	Rosenberger	N/A	FP2RX2	May 29, 2011	1 Year
9.	Cable	Schwarzbeck	AK9513	CRPX1	May 29, 2011	1 Year
10.	Cable	Schwarzbeck	AK9513	CRRX2	May 29, 2011	1 Year

4. POWER LINE CONDUCTED EMISSION MEASUREMENT

4.1.Block Diagram of Test Setup

During test, communication taking place between the EUT and the host computer (upload files from the PC into the EUT).



(EUT: EBOOK)

4.2. Measuring Standard

FCC Part 15, Subpart B, Class BANSI C63.4: 2009

4.3. Power Line Conducted Emission Limits (Class B)

Frequency	Limit (dBµV)					
(MHz)	Quasi-peak Level	Average Level				
$0.15 \sim 0.50$	66.0 ~ 56.0 *	56.0 ~ 46.0 *				
$0.50 \sim 5.00$	56.0	46.0				
5.00 ~ 30.00	60.0	50.0				

NOTE1-The lower limit shall apply at the transition frequencies. NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

4.4.EUT Configuration on Measurement

The following equipments are installed on Conducted Emission Measurement to meet FCC requirements and operating in a manner which tends to maximize its emission characteristics in a normal application.

EUT : EBOOK Model Number : BK7019

4.5. Operating Condition of EUT

- 4.5.1. Setup the EUT as shown on Section 4.1.
- 4.5.2. Turn on the power of all equipments.
- 4.5.3.Let the EUT work in measuring mode (Connect to PC) and measure it.

4.6.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and connected to PC, and then PC connect to the AC mains through Line Impedance Stability Network (L.I.S.N). This provided a 500hm coupling impedance for the tested equipments. Both sides of AC line are investigated to find out the maximum conducted emission according to the FCC regulations during conducted emission measurement. The bandwidth of the field strength meter (R&S Test Receiver ESCS30) is set at 9kHz in 150kHz~30MHz and 200Hz in 9kHz~150kHz.

The frequency range from 150kHz to 30MHz is investigated.

All the scanning waveform is put in Appendix I.

4.7. Measuring Results

PASS.

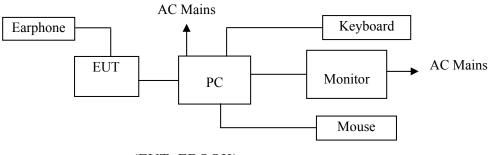
Please refer to Appendix I.

5. RADIATED EMISSION MEASUREMENT

5.1.Block Diagram of Test Setup

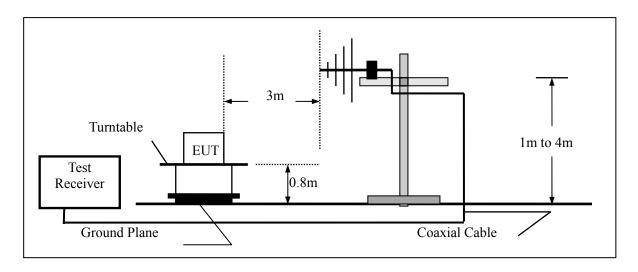
5.1.1. Block diagram of connection between the EUT and simulators

During test, communication taking place between the EUT and the host computer (upload files from the PC into the EUT).



(EUT: EBOOK)

5.1.2.Block diagram of test setup (In chamber)



(EUT: EBOOK)

5.2. Measuring Standard

FCC Part 15, Subpart B, Class B ANSI C63.4: 2009

5.3. Radiated Emission Limits (Class B)

Frequency			Distance	Field Strengths Limit		
	MH	Z	Meters	μV/m	$dB(\mu V)/m$	
30	~	88	3	100	40.0	
88	~	216	3	150	43.5	
216	~	960	3	200	46.0	
960	~	1000	3	500	54.0	

Frequency	Distance	Field Stre	engths Limit
(GHz)	(Meters)	Average (dBµV/m)	Peak (dBµV/m)
1~6	3	53.9	73.9

Remark:

- (1) Emission level (dB) μ V = 20 log Emission level μ V/m
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

5.4.EUT Configuration on Measurement

The FCC Class B regulations test method must be used to find the maximum emission during radiated emission measurement.

EUT : EBOOK Model Number : BK7019

5.5. Operating Condition of EUT

- 5.5.1. Setup the EUT as shown on Section 5.1.
- 5.5.2. Turn on the power of all equipments.
- 5.5.3.Let the EUT work in measuring mode (Video Playing(SD Card, memory), Connect to PC) and measure it.

5.6.Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Bilog antenna (calibrated by Dipole Antenna) and horn antenna are used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the Receiver (ESU26) is set at 120kHz. The worst scanning curves are attached in Appendix II.

5.7. Measuring Results

PASS.

The frequency range from 30MHz to 6GHz is investigated. Please refer to Appendix II.

6. PHOTOGRAPHS

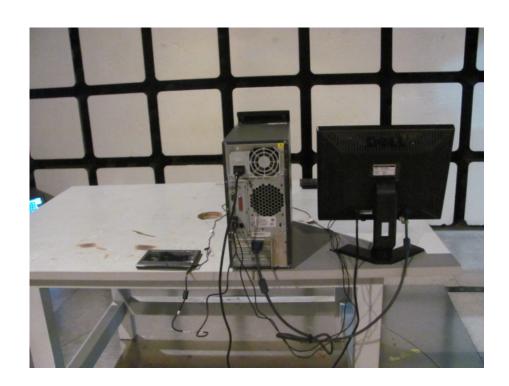




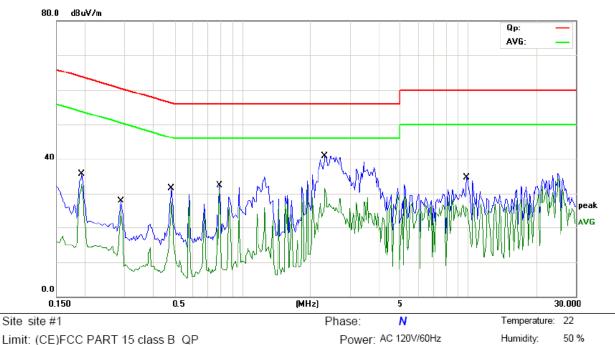


6.2. Photos of Radiation Emission Measurement





APPENDIX I



Limit: (CE)FCC PART 15 class B_QP

Mode: CONNECT TO PC

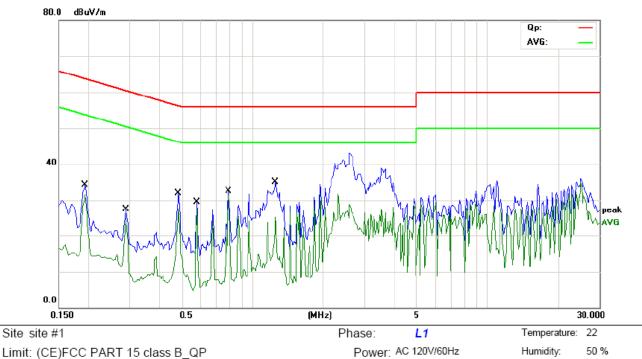
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1950	35.69	0.00	35.69	63.82	-28.13	QP	
2		0.1950	32.70	0.00	32.70	53.82	-21.12	AVG	
3		0.2900	27.97	0.00	27.97	60.52	-32.55	QP	
4		0.2900	25.08	0.00	25.08	50.52	-25.44	AVG	
5		0.4850	31.45	0.00	31.45	56.25	-24.80	QP	
6		0.4850	27.70	0.00	27.70	46.25	-18.55	AVG	
7		0.7950	32.36	0.00	32.36	56.00	-23.64	QP	
8		0.7950	31.09	0.00	31.09	46.00	-14.91	AVG	
9		2.3300	40.92	0.00	40.92	56.00	-15.08	QP	
10	*	2.3300	31.51	0.00	31.51	46.00	-14.49	AVG	
11		9.9000	34.73	0.00	34.73	60.00	-25.27	QP	
12		9.9000	25.44	0.00	25.44	50.00	-24.56	AVG	

*:Maximum data x:Over limit I:over margin Comment: Factor build in receiver. Operator: LINDA

Humidity:

50 %



Limit: (CE)FCC PART 15 class B_QP

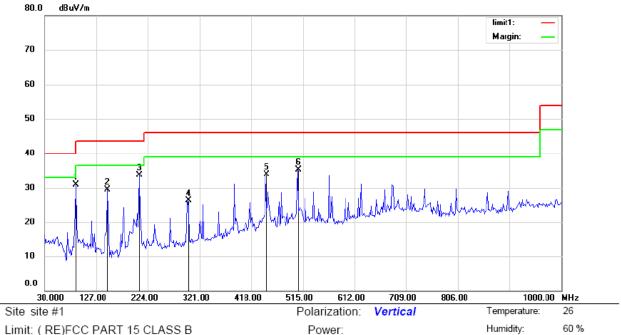
Mode: CONNECT TO PC

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.1950	34.38	0.00	34.38	63.82	-29.44	QP	
2	0.1950	31.46	0.00	31.46	53.82	-22.36	AVG	
3	0.2900	27.59	0.00	27.59	60.52	-32.93	QP	
4	0.2900	24.92	0.00	24.92	50.52	-25.60	AVG	
5	0.4850	31.91	0.00	31.91	56.25	-24.34	QP	
6	0.4850	27.70	0.00	27.70	46.25	-18.55	AVG	
7	0.5800	29.57	0.00	29.57	56.00	-26.43	QP	
8	0.5800	27.92	0.00	27.92	46.00	-18.08	AVG	
9	0.7950	32.52	0.00	32.52	56.00	-23.48	QP	
10 *	0.7950	31.25	0.00	31.25	46.00	-14.75	AVG	
11	1.2600	35.12	0.00	35.12	56.00	-20.88	QP	
12	1.2600	25.21	0.00	25.21	46.00	-20.79	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: LINDA

APPENDIX II

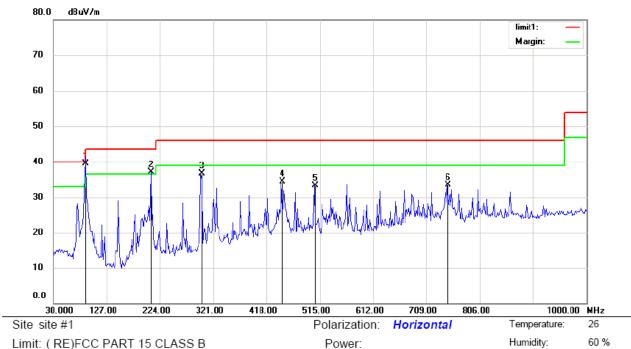


Mode:VIDEO PLAY(MEMORY)

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		89.0705	18.75	12.14	30.89	43.50	-12.61	QP			
2		148.1410	20.49	8.99	29.48	43.50	-14.02	QP			
3	*	207.2114	21.12	12.65	33.77	43.50	-9.73	QΡ			
4		298.9263	12.42	13.84	26.26	46.00	-19.74	QP			
5		445.0481	15.64	18.18	33.82	46.00	-12.18	QP			
6		505.6731	16.30	18.94	35.24	46.00	-10.76	QP			

^{*:}Maximum data x:Over limit !:over margin Operator: WOLF

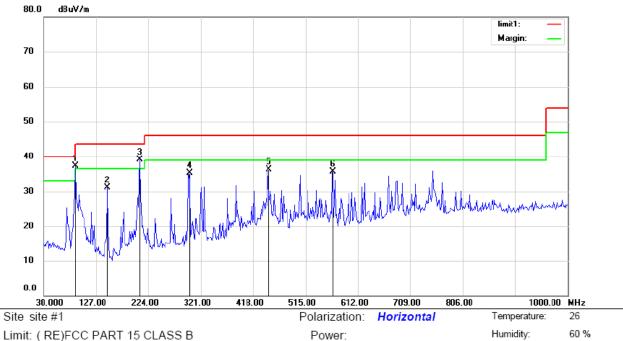


Mode:VIDEO PLAY(MEMORY)

Note:

No.	MŁ	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	89.0705	27.40	12.14	39.54	43.50	-3.96	QP			
2	ļ	207.2114	25.58	11.60	37.18	43.50	-6.32	QP			
3		298.9263	22.72	13.89	36.61	46.00	-9.39	QP			
4		445.0481	15.96	18.64	34.60	46.00	-11.40	QP			
5		505.6731	14.40	18.94	33.34	46.00	-12.66	QP			
6		746.6186	10.59	22.97	33.56	46.00	-12.44	QP			

^{*:}Maximum data x:Over limit !:over margin Operator: WOLF

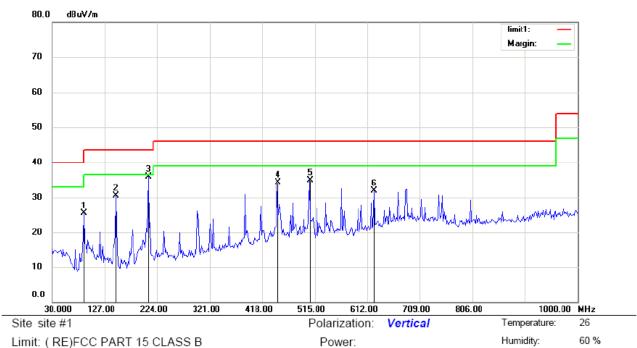


Limit: (RE)FCC PART 15 CLASS B Mode: VIDEO PLAY(SD CARD)

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	89.0705	25.11	12.14	37.25	43.50	-6.25	QP			
2		148.1410	22.10	8.99	31.09	43.50	-12.41	QP			
3	*	207.2114	27.60	11.60	39.20	43.50	-4.30	QP			
4		298.9263	21.45	13.89	35.34	46.00	-10.66	QP			
5		445.0481	17.76	18.64	36.40	46.00	-9.60	QP			
6		564.7436	16.09	19.66	35.75	46.00	-10.25	QP			

*:Maximum data x:Over limit !:over margin Operator: WOLF

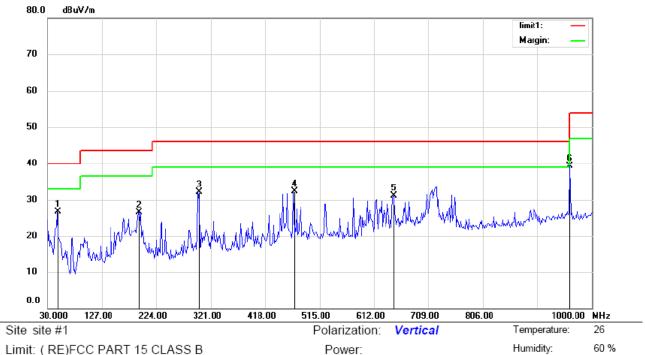


Mode: VIDEO PLAY(SD CARD)

Note:

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		89.0705	13.43	12.14	25.57	43.50	-17.93	QP			
2		148.1410	21.58	8.99	30.57	43.50	-12.93	QP			
3	×	207.2114	23.17	12.65	35.82	43.50	-7.68	QP			
4		445.0481	16.16	18.18	34.34	46.00	-11.66	QP			
5		505.6731	16.03	18.94	34.97	46.00	-11.03	QP			
6		623.8141	10.66	21.34	32.00	46.00	-14.00	QP			

*:Maximum data x:Over limit !:over margin Operator: WOLF

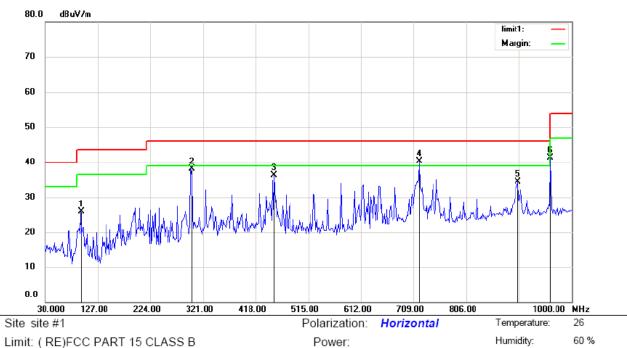


Mode: CONNECT TO PC

Note:

No.	MŁ		Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	47.0994	12.65	13.97	26.62	40.00	-13.38	QP			
2		193.2211	13.22	13.23	26.45	43.50	-17.05	QP			
3		298.9263	18.26	13.84	32.10	46.00	-13.90	QΡ			
4		468.3654	13.99	18.24	32.23	46.00	-13.77	QΡ			
5		647.1314	8.87	22.15	31.02	46.00	-14.98	QP			
6		961.1378	14.66	24.64	39.30	53.90	-14.60	QP			

^{*:}Maximum data x:Over limit !:over margin Operator: WOLF

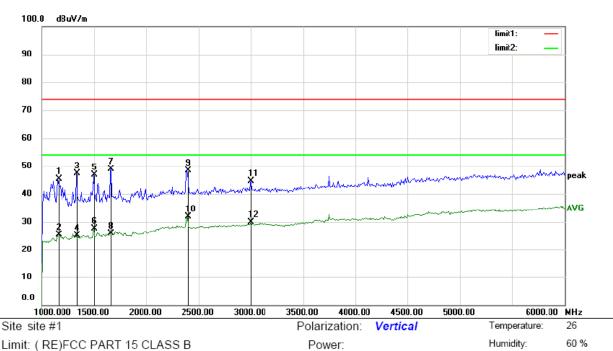


Mode: CONNECT TO PC

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor dB	Measure- ment	Limit	Over	Detector	Antenna Height	Table Degree	Comment
									CIII	degree	Comment
1		95.2885	12.67	13.15	25.82	43.50	-17.68	QP			
2	2	98.9263	24.14	13.89	38.03	46.00	-7.97	QP			
3	4	52.8205	17.78	18.48	36.26	46.00	-9.74	QP			
4	* 7	20.1923	17.33	22.88	40.21	46.00	-5.79	QP			
5	9	00.5128	10.98	23.56	34.54	46.00	-11.46	QP			
6	9	61.1378	16.69	24.64	41.33	53.90	-12.57	QP			

*:Maximum data x:Over limit !:over margin Operator: WOLF



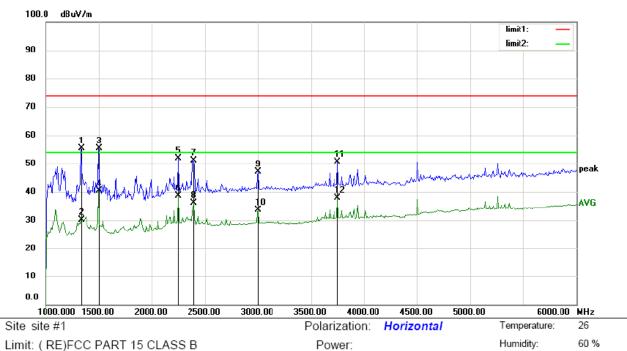
Mode: CONNECT TO PC

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1160.256	58.51	-13.19	45.32	73.90	-28.58	peak			
2		1160.256	38.49	-13.19	25.30	53.90	-28.60	AVG			
3		1328.526	59.50	-12.23	47.27	73.90	-26.63	peak			
4		1328.526	37.31	-12.23	25.08	53.90	-28.82	AVG			
5		1496.795	59.09	-12.27	46.82	73.90	-27.08	peak			
6		1496.795	39.86	-12.27	27.59	53.90	-26.31	AVG			
7		1665.064	61.16	-12.28	48.88	73.90	-25.02	peak			
8		1665.064	38.24	-12.28	25.96	53.90	-27.94	AVG			
9		2394.231	56.96	-8.66	48.30	73.90	-25.60	peak			
10	*	2394.231	40.59	-8.66	31.93	53.90	-21.97	AVG			
11		3003.205	52.25	-7.58	44.67	73.90	-29.23	peak			
12		3003.205	37.34	-7.58	29.76	53.90	-24.14	AVG			
12		3003.205	37.34	-7.58	29.76	53.90	-24.14	AVG			

Operator: WOLF

^{*:}Maximum data !:over margin x:Over limit



Mode: CONNECT TO PC

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1328.526	67.56	-12.23	55.33	73.90	-18.57	peak			
2		1328.526	42.43	-12.23	30.20	53.90	-23.70	AVG			
3		1496.795	67.75	-12.27	55.48	73.90	-18.42	peak			
4	*	1496.795	52.63	-12.27	40.36	53.90	-13.54	AVG			
5	:	2250.000	60.56	-8.60	51.96	73.90	-21.94	peak			
6		2250.000	47.31	-8.60	38.71	53.90	-15.19	AVG			
7	:	2386.218	59.88	-8.66	51.22	73.90	-22.68	peak			
8	:	2386.218	44.68	-8.66	36.02	53.90	-17.88	AVG			
9	;	3003.205	54.69	-7.58	47.11	73.90	-26.79	peak			
10	,	3003.205	41.17	-7.58	33.59	53.90	-20.31	AVG			
11	,	3748.397	57.41	-6.72	50.69	73.90	-23.21	peak			
12	,	3748.397	44.60	-6.72	37.88	53.90	-16.02	AVG			

*:Maximum data Operator: WOLF x:Over limit !:over margin

APPENDIX III (Photos of EUT)



