



EMC Test Report

Model name: OFT-10W01

Initiated by	Daniel Chou	Originate Date	2015/10/01
Reviewed by	Solo Chung	Revision	QD4-070 Rev.A2
Approved by	Kevin Lien	Release Status	Preliminary

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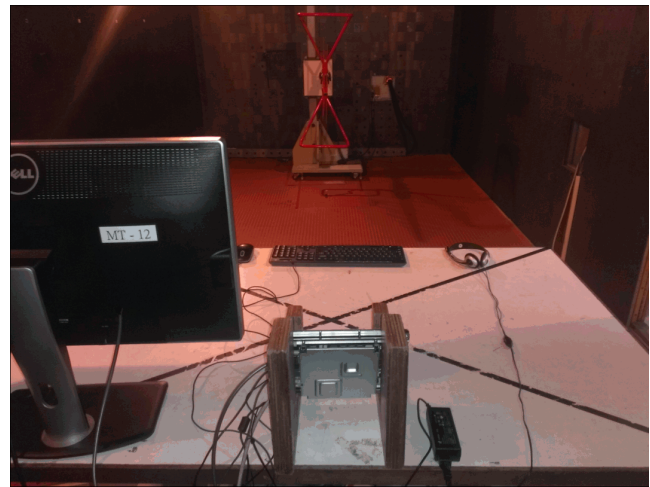
◆ Test Items :

	Standard	item	Result: Pass/Fail
<input checked="" type="checkbox"/>	EN55022	Radiation	Class A Pass
<input type="checkbox"/>		Conduction	
<input type="checkbox"/>		ISN	
<input type="checkbox"/>	EN61000-3-2	Harmonic	
<input type="checkbox"/>	EN61000-3-3	Flicker	
<input type="checkbox"/>	IEC61000-4-2	ESD	
<input type="checkbox"/>	IEC61000-4-3	RS	
<input type="checkbox"/>	IEC61000-4-4	EFT	
<input type="checkbox"/>	IEC61000-4-5	Surge	
<input type="checkbox"/>	IEC61000-4-6	CS	
<input type="checkbox"/>	IEC61000-4-8	MS	
<input type="checkbox"/>	IEC61000-4-11	Dip, Drop	

◆ Test configure:

	Unit	Brand	Model	Notes
1	M/B	Compal	BCX11	
2	CPU			
3	RAM			
4	HDD			
5	Panel			
6	Inverter			
7	Adaptor	ADAPTER	STD-19034	DC 19V / 3.4A
8	RF module			
9	Battery			

◆ Test condition:



◆ Solution:

1. 在 I/O、uSD、uUSB 位置共貼上 7 顆 gasket

<p>EMI/ESD solution: 在 I/O、uSD、 uUSB 位置共貼 上 7 顆 gasket (如 圖標示 1~7)</p>	
<p>Specification:</p> <p>1</p>	
<p>PE note: 1. LAN gasket 緊貼 I/O 2. DCin gasket 勿緊 貼 I/O 側牆</p>	

2. 上下 bracket 貼上四塊導電布搭接到 panel & panel 上下鐵件(如圖紅線圈起位置)

<p>EMI/ESD solution: 上下 bracket 貼上 四塊導電布搭接 到 panel & panel 上下鐵件(如圖紅 線圈起位置)</p>	
<p>Specification:</p> <p>2</p>	
<p>PE note: A&B, C&D, E&F, G & H A&G, C&E 之間 的 6 個阻抗 ≤ 5 歐姆</p>	

阻抗量測手法細部圖→

◆ Test Data:



程智科技股份有限公司

Compliance Certification Service Inc.

No. 163-1, Jhongsheng Rd., Xindian Dist., New Taipei City 23151,
Taiwan (Xindian Lab.)

Site: Chamber#A

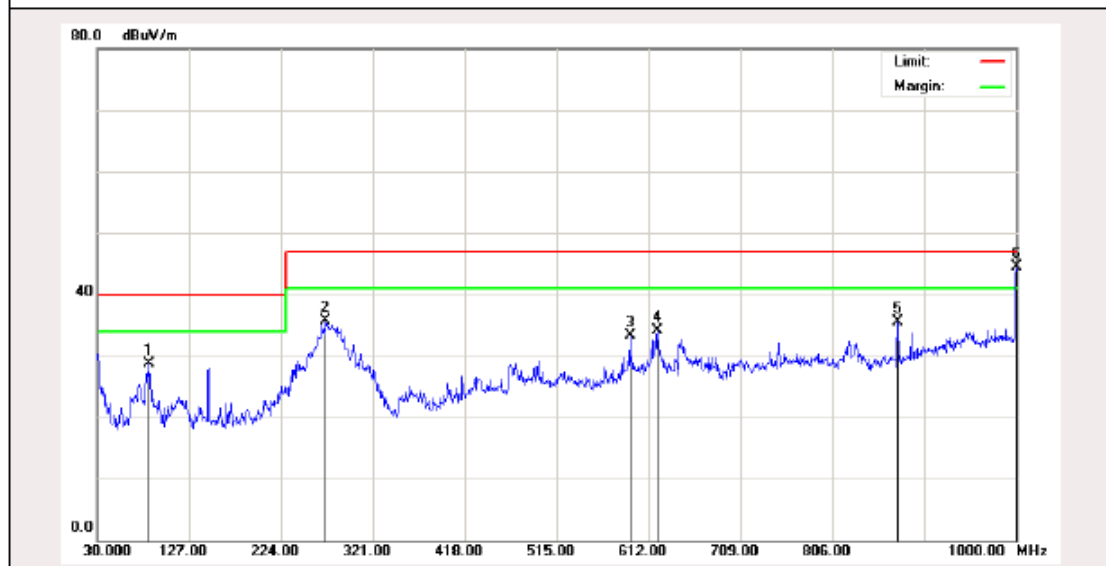
Tel: +886-2-2217-0894

Fax: +886-2-2217-1029

Job No.: File :20151001安勤-MA
Standard: CISPR22 ClassA 10M Radiation
Test item: Radiation Test
Company: 安勤
Trade Name:
Model: OFT-10W01

Polarization: Vertical
Power AC 110V/60Hz
Date: 2015/10/1
Time: 15:54:15
Temp.(°C)/Hum.(%): 26 °C / 60 %
Engineer bonny

Test Mode/Description: EUT+HDMI
Remark:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (°)	P/F	Remark
1	85.2900	40.90	-12.26	28.64	40.00	-11.36	peak			P	
2	271.5300	45.00	-9.39	35.61	47.00	-11.39	peak			P	
3	592.6000	39.37	-6.15	33.22	47.00	-13.78	peak			P	
4	621.7000	39.77	-5.65	34.12	47.00	-12.88	peak			P	
5	874.8700	37.99	-2.55	35.44	47.00	-11.56	peak			P	
6	1000.0000	45.51	-1.00	44.51	47.00	-2.49	peak			P	



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Site: Chamber#A

Tel: +886-2-2217-0894

Fax: +886-2-2217-1029

Job No.: File :20151001安勤-MA

Standard: CISPR22 ClassA 10M Radiation

Test item: Radiation Test

Company: 安勤

Trade Name:

Model: OFT-10W01

Polarization: Horizontal

Power AC 110V/60Hz

Date: 2015/10/1

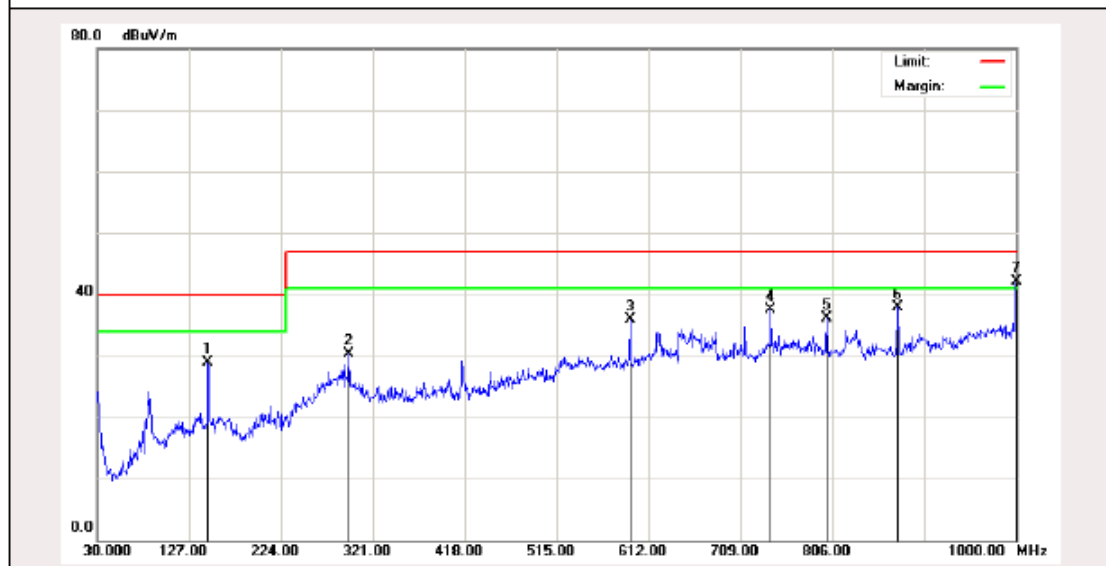
Time: 15:52:51

Temp.(°C)/Hum.(%): 26 °C / 60 %

Engineer bonny

Test Mode/Description: EUT+HDMI

Remark:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (°)	P/F	Remark
1	147.3700	43.04	-14.10	28.94	40.00	-11.06	peak			P	
2	295.7800	41.73	-11.42	30.31	47.00	-16.69	peak			P	
3	592.6000	40.81	-4.97	35.84	47.00	-11.16	peak			P	
4	741.0100	38.95	-1.38	37.57	47.00	-9.43	peak			P	
5	800.1800	38.36	-2.28	36.08	47.00	-10.92	peak			P	
6	874.8700	39.05	-1.15	37.90	47.00	-9.10	peak			P	
7	1000.0000	42.12	0.00	42.12	47.00	-4.88	peak			P	