



MT7200 LED Driver Board

EN55015 Test Report

Test result of conducted disturbances(9KHz-30MHz)	-----	2,3
Test result of radiated electromagnetic disturbances (9KHz-30MHz)	-----	4,5,6
Test result of radiated electromagnetic disturbances (30MHz-300MHz)	-----	7,8

Maxic Technology Corporation (Beijing Office)

Room 911, Building 3, Zi Jin Digital Garden, Hai Dian District, Beijing, China, 100190

Tel: 86-10-62662828

Fax: 86-10-62662951

Web: www.maxictech.com

E-mail: sales@maxictech.com

Maxic Technology Corporation (Shenzhen office)

7K, Block B, Fortune Plaza, Futian District, Shenzhen 518040

Tel:86-755-83021778

Fax: 86-755-83021336



Bontek Compliance Testing Laboratory Ltd

Voltage Mains EN55015

EUT: M/N:MT7200 LED driver board

Manufacturer: Maxic Technology Corporation

Operating Condition: ON

Test Site: SHIELDED ROOM

Operator: CHEN

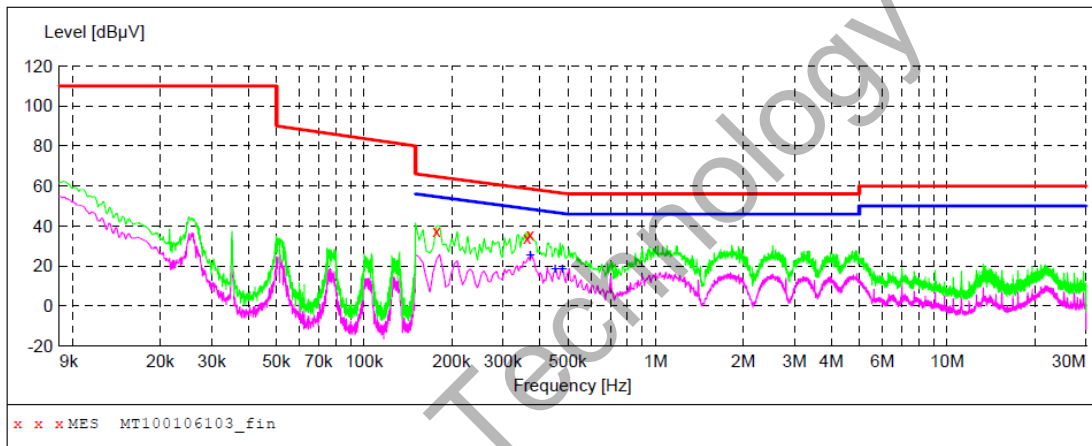
Test Specification: AC 220V/50Hz +DC 12V Adapter

Comment: N LINE

Tem:24 Hum:60%

SCAN TABLE: "Voltage (9K-30M)FIN"

Short Description: 9K-30M Voltage



MEASUREMENT RESULT: "MT100106103_fin"

1/6/2010 16:21

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177000	37.60	11.3	65	27.0	QP	N	GND
0.361500	34.10	10.7	59	24.6	QP	N	GND
0.370500	35.60	10.7	59	22.9	QP	N	GND

MEASUREMENT RESULT: "MT100106103_fin2"

1/6/2010 16:21

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.370500	25.10	10.7	49	23.4	AV	N	GND
0.451500	18.60	10.6	47	28.2	AV	N	GND
0.478500	18.30	10.5	46	28.1	AV	N	GND



Bontek Compliance Testing Laboratory Ltd

Voltage Mains EN55015

EUT: M/N:MT7200 LED driver board

Manufacturer: Maxic Technology Corporation

Operating Condition: ON

Test Site: SHIELDED ROOM

Operator: CHEN

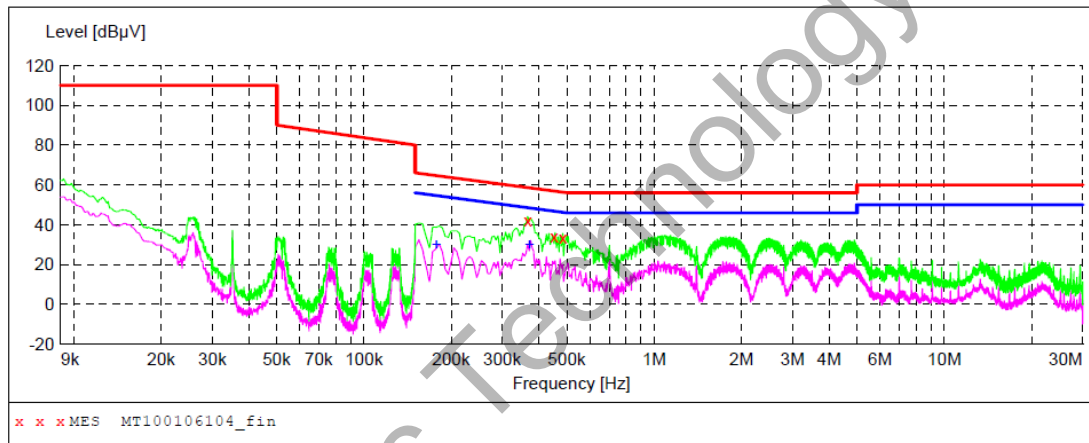
Test Specification: AC 220V/50Hz +DC 12V Adapter

Comment: L LINE

Tem:24 Hum:60%

SCAN TABLE: "Voltage (9K-30M)FIN"

Short Description: 9K-30M Voltage



MEASUREMENT RESULT: "MT100106104_fin"

1/6/2010 16:26

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.366000	41.90	10.7	59	16.7	QP	L1	GND
0.451500	34.10	10.6	57	22.7	QP	L1	GND
0.483000	33.20	10.5	56	23.1	QP	L1	GND

MEASUREMENT RESULT: "MT100106104_fin2"

1/6/2010 16:26

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177000	30.00	11.3	55	24.6	AV	L1	GND
0.370500	29.80	10.7	49	18.7	AV	L1	GND



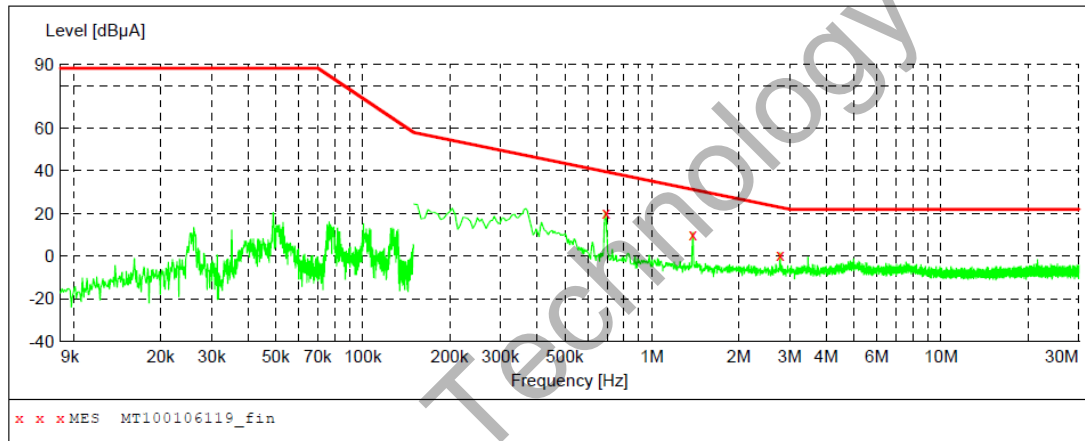
Bontek Compliance Testing Laboratory Ltd

Magnetic TEST EN55015

EUT: M/N:MT7200 LED driver board
 Manufacturer: Maxic Technology Corporation
 Operating Condition: ON
 Test Site: SHIELDED ROOM
 Operator: JIP
 Test Specification: DC 12V
 Comment: X
 Temperature:24 Humiuity:60%

SCAN TABLE: "Magnetic test fin"

Short Description: EN55015 Triple Loop



MEASUREMENT RESULT: "MT100106119_fin"

1/6/2010 17:32

Frequency MHz	Level dBµA	Transd dB	Limit dBµA	Margin dB	Det.	Loop	Azimuth deg
0.694500	20.40	0.0	40	19.2	QP	X	0.00
1.387500	10.10	0.0	31	21.2	QP	X	0.00
2.778000	0.70	0.0	23	22.2	QP	X	0.00



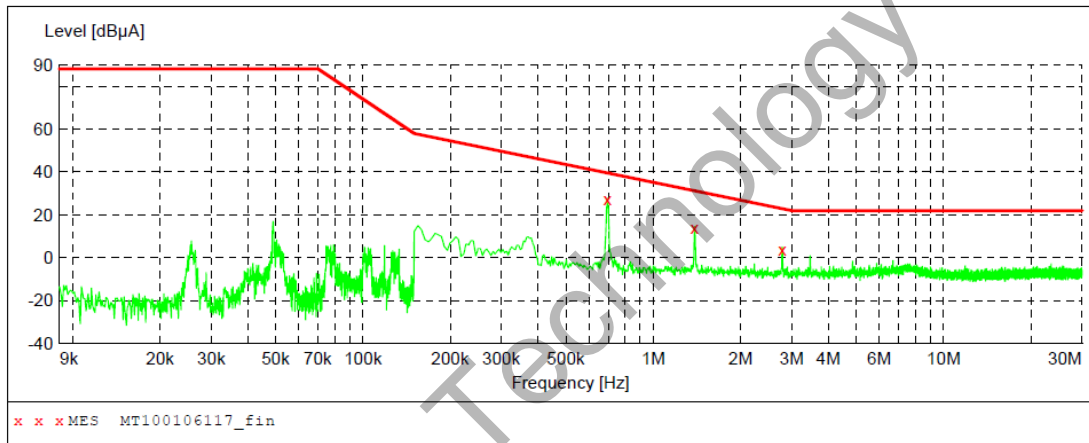
Bontek Compliance Testing Laboratory Ltd

Magnetic TEST EN55015

EUT: M/N:MT7200 LED driver board
 Manufacturer: Maxic Technology Corporation
 Operating Condition: ON
 Test Site: SHIELDED ROOM
 Operator: JIP
 Test Specification: DC 12V
 Comment: Y
 Temperature:24 Humiuity:60%

SCAN TABLE: "Magnetic test fin"

Short Description: EN55015 Triple Loop



MEASUREMENT RESULT: "MT100106117_fin"

1/6/2010 17:24

Frequency MHz	Level dBuA	Transd dB	Limit dBuA	Margin dB	Det.	Loop	Azimuth deg
0.694500	27.40	0.0	40	12.2	QP	Y	0.00
1.387500	14.00	0.0	31	17.3	QP	Y	0.00
2.778000	3.80	0.0	23	19.1	QP	Y	0.00



Bontek Compliance Testing Laboratory Ltd

Magnetic TEST EN55015

EUT: M/N:MT7200 LED driver board

Manufacturer: Maxic Technology Corporation

Operating Condition: ON

Test Site: SHIELDED ROOM

Operator: JIP

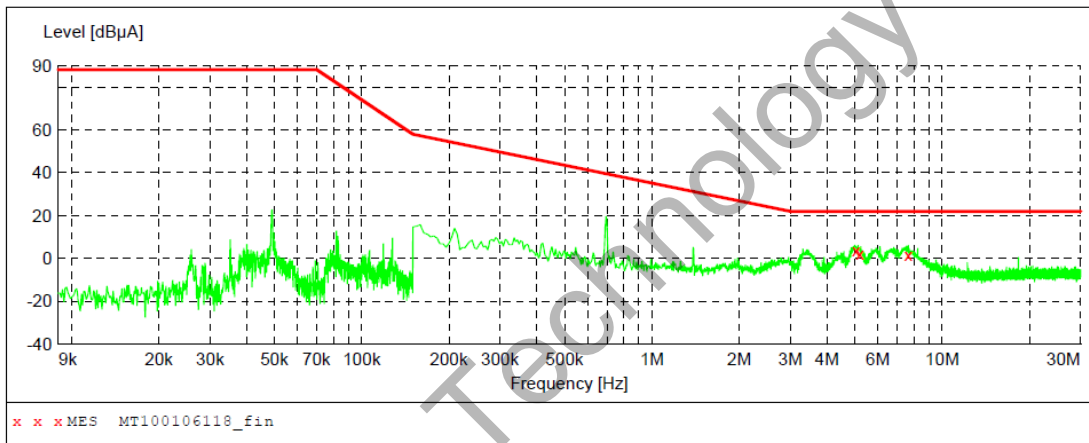
Test Specification: DC 12V

Comment: Z

Temperature:24 Humiuity:60%

SCAN TABLE: "Magnetic test fin"

Short Description: EN55015 Triple Loop



MEASUREMENT RESULT: "MT100106118_fin"

1/6/2010 17:28

Frequency MHz	Level dBuA	Transd dB	Limit dBuA	Margin dB	Det.	Loop	Azimuth deg
5.041500	3.60	0.0	22	18.4	QP	Z	0.00
5.199000	2.20	0.0	22	19.8	QP	Z	0.00
7.638000	1.50	0.0	22	20.5	QP	Z	0.00



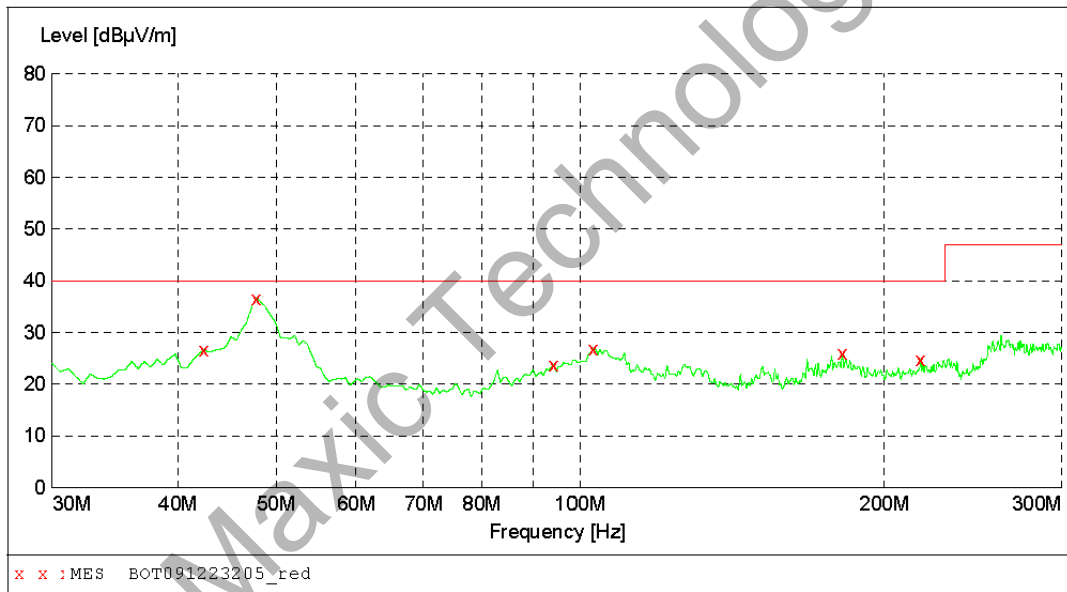
SHENZHEN BONTEK COMPLIANCE TESTING

RADIATED EMISSION EN55015

EUT:MT7200 LED driver bard
 Manufacturer: Maxic Technology Corporation
 Operating Condition: ON
 Test Site: CHAMBER
 Operator: CHEN
 Test Specification: AC12V/60Hz
 Comment: Polarisation:V
 Start of Test: 12/23/2009 / 12:25:26

SWEEP TABLE: "test (30M-300M)"

Short Description:		Field Strength			
Start	Stop	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	300.0 MHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "BOT091223205_red"

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
42.420000	26.60	15.9	40.0	13.4	---	100.0	0.00	VERTICAL
47.820000	36.60	15.8	40.0	3.4	---	100.0	0.00	VERTICAL
94.260000	23.80	16.9	40.0	16.2	---	100.0	0.00	VERTICAL
102.900000	26.90	17.3	40.0	13.1	---	100.0	0.00	VERTICAL
181.740000	26.00	15.3	40.0	14.0	---	100.0	0.00	VERTICAL
217.380000	24.80	16.1	40.0	15.2	---	100.0	0.00	VERTICAL



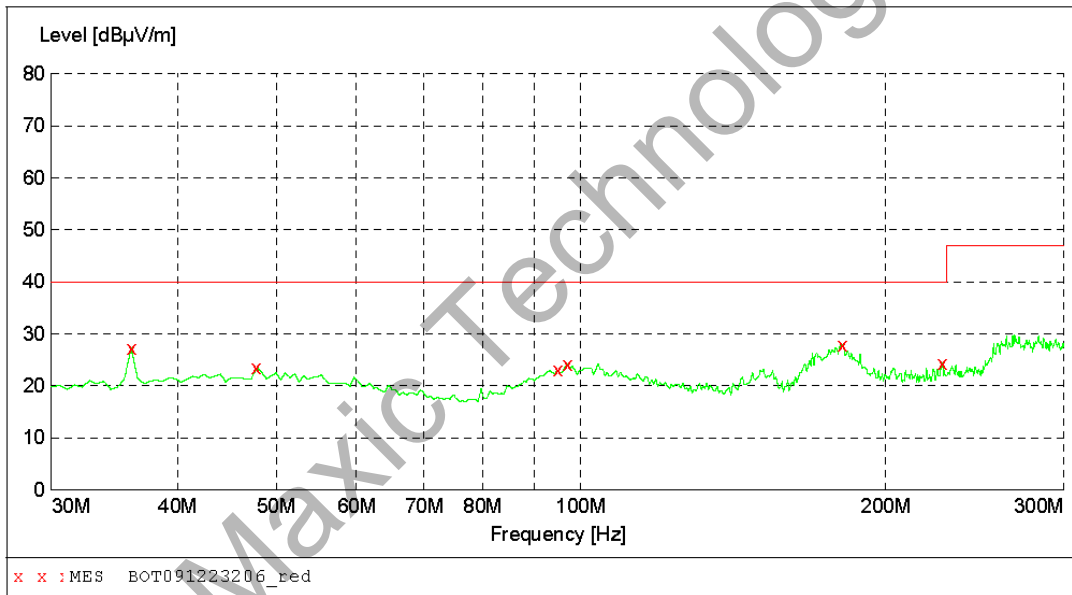
SHENZHEN BONTEK COMPLIANCE TESTING

RADIATED EMISSION EN55015

EUT:MT7200 LED driver bard
 Manufacturer: Maxic Technology Corporation
 Operating Condition: ON
 Test Site: CHAMBER
 Operator: CHEN
 Test Specification: AC12V/60Hz
 Comment: Polarisation:H
 Start of Test: 12/23/2009 / 12:27:41

SWEEP TABLE: "test (30M-300M) "

Short Description:		Field Strength			
Start	Stop	Detector	Meas.	IF	Transducer
Frequency	Frequency		Time	Bandw.	
30.0 MHz	300.0 MHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "BOT091223206_red"

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBµV/m	dB	dBµV/m	dB		cm	deg	
35.940000	27.20	14.7	40.0	12.8	---	300.0	0.00	HORIZONTAL
47.820000	23.50	15.8	40.0	16.5	---	300.0	0.00	HORIZONTAL
94.800000	23.10	17.1	40.0	16.9	---	300.0	0.00	HORIZONTAL
96.960000	24.20	17.3	40.0	15.8	---	100.0	0.00	HORIZONTAL
181.200000	28.00	15.2	40.0	12.0	---	100.0	0.00	HORIZONTAL
227.640000	24.40	16.5	40.0	15.6	---	100.0	0.00	HORIZONTAL