







ISO/IEC17025 Accredited Lab.

Report No: FCC 1009019 File reference No: 2010-09-17

Applicant: Technovare Systems, Inc.

Product: Embedded Computer

**Brand Name:** 



NEC TNET - PC

Model No: NET-SBC-01/02/03

Test Standards: FCC Part 15 Subpart B: 2008

Test result: It is herewith confirmed and found to comply with the requirements

set up by ANSI C63.4&FCC Part 15 regulations for the evaluation of

electromagnetic compatibility

Approved By

Teny Tong

**Terry Tong** 

Manager

Dated: Sep 17, 2010

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

## SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. Chegongmiao, FuTian District, Shenzhen, CHINA.

Tel (755) 83448688 Fax (755) 83442996

Report No: 1009019 Page 2 of 116

Date: 2010-09-17



# **Special Statement:**

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

#### **CNAS-LAB Code: L2292**

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

# FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 899988.

# **IC-Registration No.: IC5205A-01**

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-01.

## VCCI- Registration No.: R-3015 and C-3332

The EMC Laboratory has been registered and fully described in a report filed with the (VCCI) Voluntary Control Council for Interference. The acceptance letter from the VCCI is maintained in our files. Registration IC No.: R-3015 and C-3332

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Date: 2010-09-17



#### **General Details**

#### Test Lab Details 1.1

Name: SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

Address: East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. CheGongMiao, FuTian District,

Shenzhen, CHINA.

Telephone: (755) 83448688 Fax: (755) 83442996

## 1.2 Applicant Details

Applicant: Technovare Systems, Inc.

Address: 1675 Scenic Ave., Suite 200, Costa Mesa, Ca 92626-1451, USA

Telephone: 1-714-966-9099 Fax: 1-714-966-9199

## 1.3 Description of EUT

Product: **Embedded Computer** 

Manufacturer: Shenzhen JEC Technology Co., Ltd.

Address: Room 1002, Beike Innovation Building, 1077 Nanhai Blvd., Nanshan District,

Shenzhen, Guang Dong Prov., China

**Brand Name:** 

NEC TNET - PC

Model Number: NET-SBC-01/02/03

Additional Model Number:

Rating: DC16V, 2A

Remark: --

Submitted Sample: 1 Sample

1.5 Test Duration: 2010-09-01 to 2010-09-17

#### 1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

The sample tested by

Print Name: Brown Lu

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## **List of Measurement Equipment**

#### **Conducted Emission Test**

				Calibration	Calibration
Name	Model No.	Serial No.	Manufacturer	Date	Cycle
EMI Test Receiver	ESH3	860905/006	RS	2010.5.14	1Year
Spectrum Analyzer	ESA-L1500A	US37451154	HP	2010.5.14	1Year
PULSE LIMITER	ESH3-Z2	100281	RS	2010.5.14	1Year
LISN	ESH3-Z5	100294	RS	2010.5.14	1Year
LISN	ESH3-Z5	100253	RS	2010.5.14	1Year
LISN	LS16C	10010947251	AFJ	2010-5-14	1Year
LISN (Three Phase)	NSLK 8126	8126453	Schwarebeck	2010-5-14	1Year

#### 2.2 Radiated electromagnetic disturbance test

				Calibration	Calibration
Name	Model No.	Serial No.	Manufacturer	Date	Cycle
EMI Test Receiver	ESVD	100008	RS	2010.5.14	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Spectrum Analyzer	8595E	3441A00893	НР	2010.5.14	1Year
Amplifier	8447D	2727A05017	HP	2010.5.14	1Year
Bilog Antenna	VULB9163	9163/340	Schwarebeck	2010.5.14	1Year
Horn Antenna	BBHA9120D	1201	Schwarebeck	2010-5-14	1Year

#### 2.3 **Auxiliary Equipment**

				Calibration	FCCID/
Name	Model No.	Serial No.	Manufacturer	Date	DOC
LCD Monitor	FP51G		BENQ		FCC DOC
Mouse	M-F105		L.SEletron		FCC DOC
Keyboard	KB-0225		IBM		FCC DOC
Memory Card			Crucial		FCC DOC
Memory Card			Patriot		FCC DOC
Memory Card			Kingston		FCC DOC
Memory Card			Talent		FCC DOC
HDD			Seagate		FCC DOC
HDD			Toshiba		FCC DOC
HDD			Westem Digital		
			WD		FCC DOC

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	1		\?\/	
SSD		$\left( \cdot \right)$	Kingston	 FCC DOC
SSD			Patriot	 FCC DOC
SSD			Corsair	 FCC DOC
U-DISK			Kingston	 FCC DOC
NEC TFT LCD Monitor	NECTL40		NEC	 FCC DOC

#### 2.4 I/O Cable

Cable No.	Port	Connector Type	Cable Type	Cable Length
1	VGA	VGA	Unshielded	1.5
2	AC	IEC	Unshielded	1.5
3	AC	IEC	Unshielded	2.0

#### 3.0 **Technical Details**

3.1 **Investigations Requested** 

Perform Electromagnetic Interference [EMI] tests for FCC Requirement.

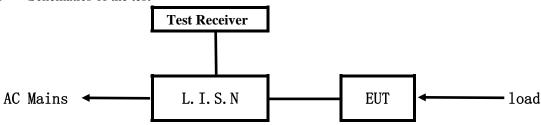
3.2 **Test Standards** 

FCC Part 15 Subpart B: 2008



#### 4.0 Conducted Power line Test

#### 4.1 Schematics of the test

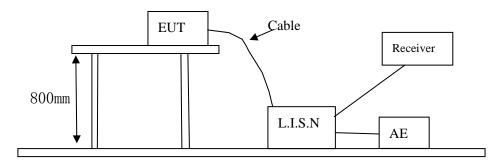


**EUT: Equipment Under Test** 

#### 4.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2003. Cables and peripherals were moved to find the maximum emission levels for each frequency.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



#### 4.3 Power line conducted Emission Limit

Eroguanay (MIIz)	Class A Li	mits dB(μV)	Class B Limits dB(μV)		
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
$0.15 \sim 0.50$	79.00	66.00	66.00~56.00*	56.00~46.00*	
$0.50 \sim 5.00$	73.00	60.00	56.00	46.00	
5.00 ~ 30.00	73.00	60.00	60.00	50.00	

Notes:

- 1. \*decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

#### 4.4 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

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# A: Conducted Emission on Live Terminal (150kHz to 30MHz)

## **EUT Operating Environment**

Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

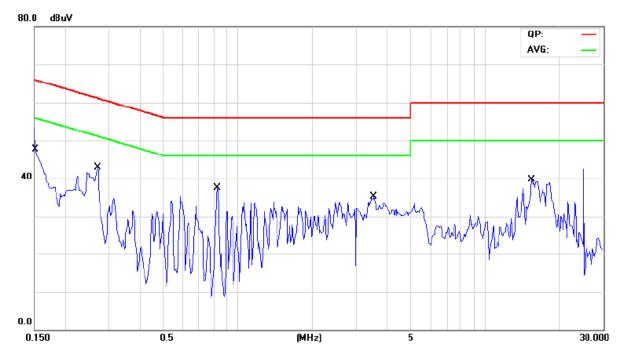
EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.153	Live	46.18	38.15	65.78	55.78
0.271	Live	42.99	35.08	61.08	51.08
0.829	Live	37.44	31.65	56.00	46.00
3.509	Live	34.68	29.02	56.00	46.00
15.470	Live	39.44	32.96	60.00	50.00

Note: After pre-scanning, the worse case was recorded.

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## B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

# **EUT Operating Environment**

Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

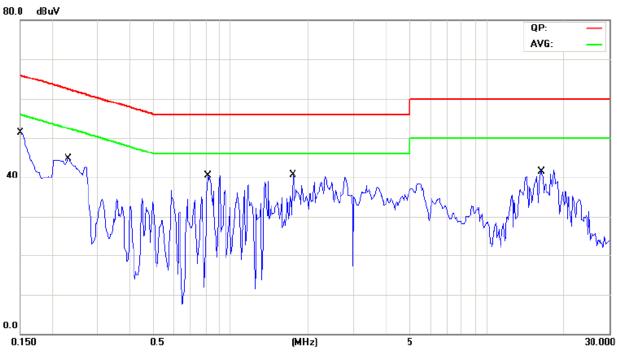
EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note:** Kingston(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.152	Neutral	51.19	44.65	65.86	55.86
0.232	Neutral	44.66	36.86	62.35	52.36
0.825	Neutral	39.37	33.46	56.00	46.00
1.751	Neutral	40.74	33.32	56.00	46.00
16.472	Neutral	40.65	32.79	60.00	50.00

Note: After pre-scanning, the worse case was recorded.

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



#### 5.0 Radiated Disturbance Test

#### 5.1 Schematics of the test

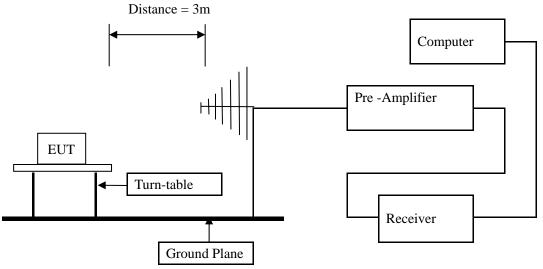


## 5.2 Test Method and test Procedure:

The EUT was tested according to ANSI C63.4 –2003, The frequency spectrum from 30MHz to 1GHz was investigated. All reading from 30MHz to 1GHz are quasi-peak 0values with a resolution bandwidth of 120KHz. All readings are above 1GHz, For measurement above 1GHz, peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=10Hz and PK detector. Measurements were made at 3 meters.

Test Voltage: 120V~, 60Hz

# **Block diagram of Test setup**



#### 5.3 Radiated Emission Limit

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)
30-88	3	40.00
88-216	3	43.50
216-960	3	46.00
Above 960	3	54.00

Note: The lower limit shall apply at the transition frequencies

#### 5.4 Test result

The frequency spectrum from 30MHz to 8GHz was investigated. From 2GHz-8GHz, no significant spurious radiated emissions signal was found.

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## A: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

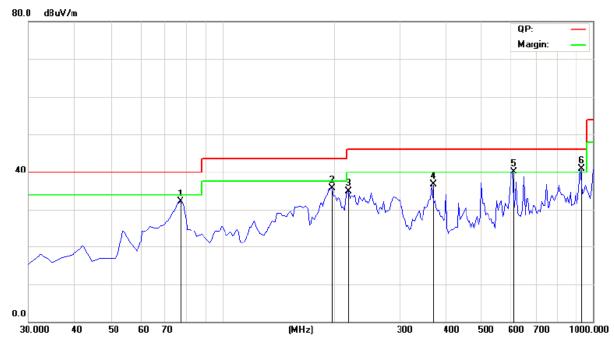
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note:** Crucial(memory)+Seagate (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
77.321	32.01	Н	40.00
197.325	35.76	Н	43.50
219.150	34.86	Н	46.00
369.500	36.61	Н	46.00
609.575	40.01	Н	46.00
932.100	40.90	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

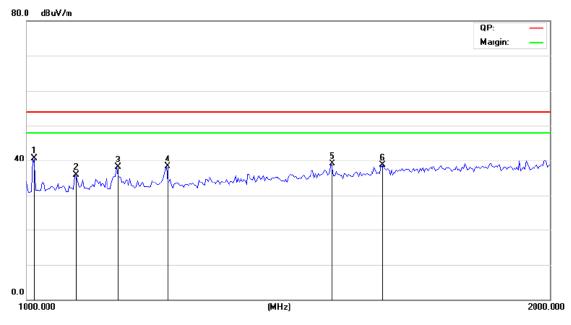
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial(memory)+Seagate (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	40.80	Н	54.00
1067.500	35.84	Н	54.00
1127.500	38.03	Н	54.00
1205.000	38.36	Н	54.00
1497.500	39.08	Н	54.00
1600.000	38.72	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## B: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

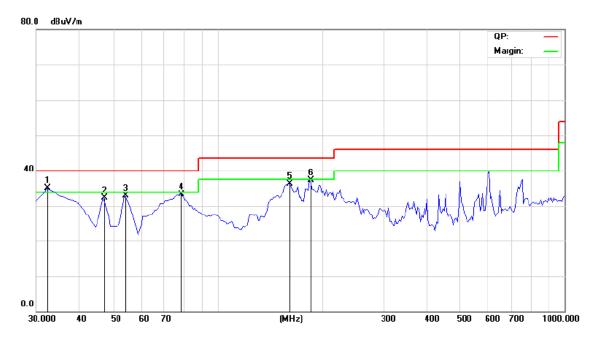
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial(memory)+Seagate (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	35.05	V	40.00
46.975	32.21	V	40.00
54.250	32.98	V	40.00
78.500	33.31	V	40.00
160.950	36.28	V	43.50
185.200	37.34	V	43.50

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

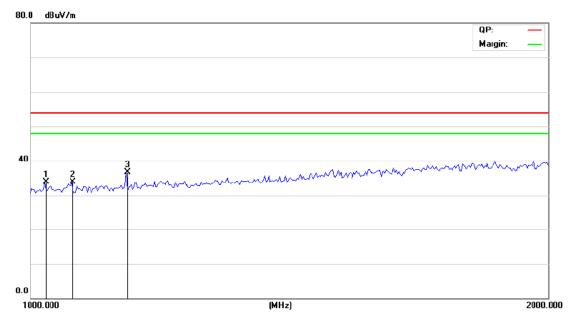
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial(memory)+Seagate (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1020.000	34.00	V	54.00
1057.500	33.93	V	54.00
1137.500	36.73	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## C: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

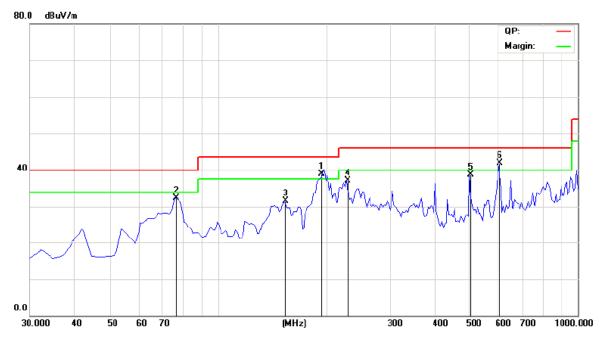
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
193.587	38.92	Н	43.50
76.075	32.37	Н	40.00
153.675	31.54	Н	43.50
228.850	37.20	Н	46.00
502.875	38.65	Н	46.00
602.300	41.98	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

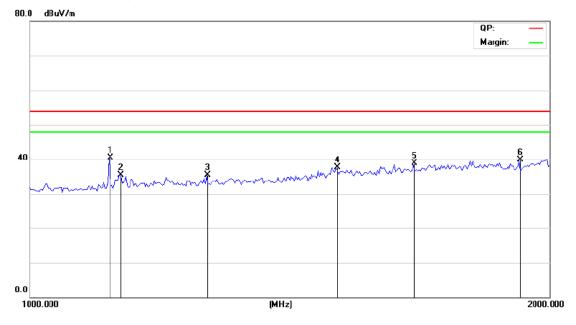
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1112.500	40.43	Н	54.00
1127.500	35.60	Н	54.00
1267.500	35.48	Н	54.00
1507.500	37.80	Н	54.00
1670.000	38.93	Н	54.00
1922.500	39.80	Н	54.00

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## D: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

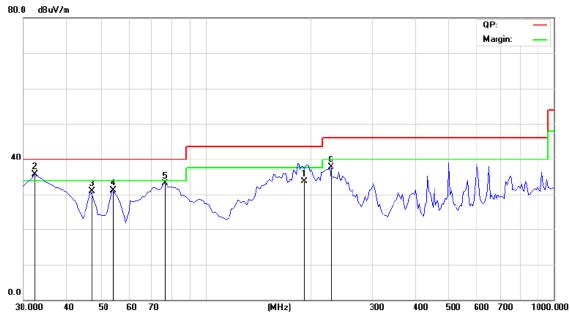
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
192.330	33.80	V	43.50
32.425	35.79	V	40.00
46.975	30.91	V	40.00
54.250	31.07	V	40.00
76.075	33.19	V	40.00
228.850	37.65	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

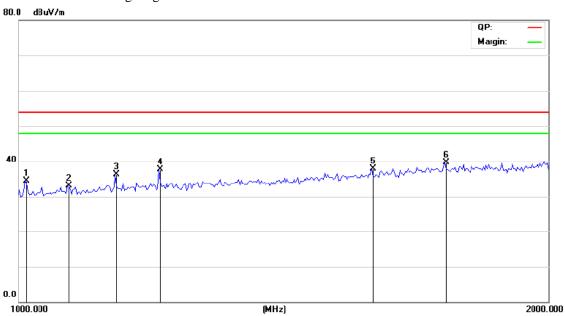
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	34.53	V	54.00
1067.500	33.09	V	54.00
1135.000	36.25	V	54.00
1202.500	37.77	V	54.00
1590.000	37.84	V	54.00
1750.000	39.74	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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# E: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

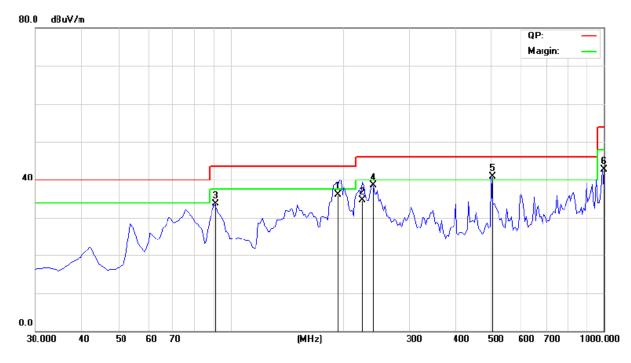
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
192.637	36.09	Н	43.50
223.660	34.77	Н	46.00
90.625	33.64	Н	43.50
240.975	38.49	Н	46.00
502.875	40.98	Н	46.00
992.725	42.79	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

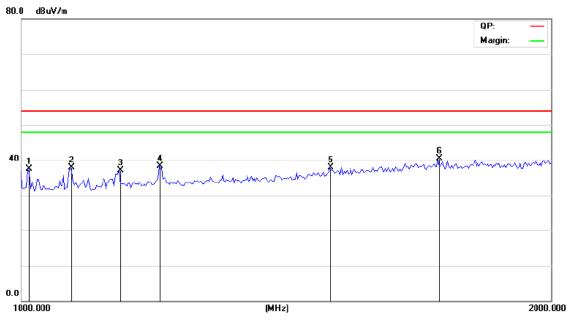
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

Note: Kingston (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	37.58	Н	54.00
1067.500	37.91	Н	54.00
1137.500	37.01	Н	54.00
1197.500	38.38	Н	54.00
1500.000	37.85	Н	54.00
1727.500	40.46	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## F: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

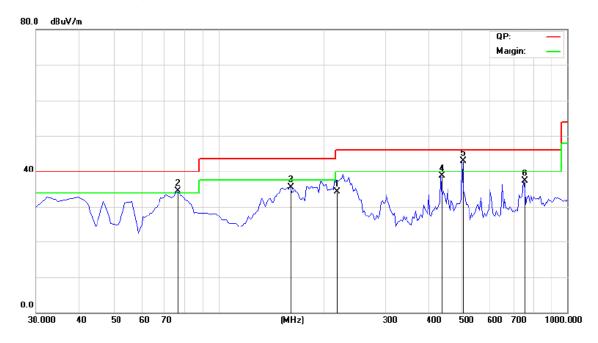
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
218.218	34.35	V	46.00
76.075	34.42	V	40.00
160.950	35.50	V	43.50
437.400	38.72	V	46.00
502.875	42.95	V	46.00
755.075	37.35	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

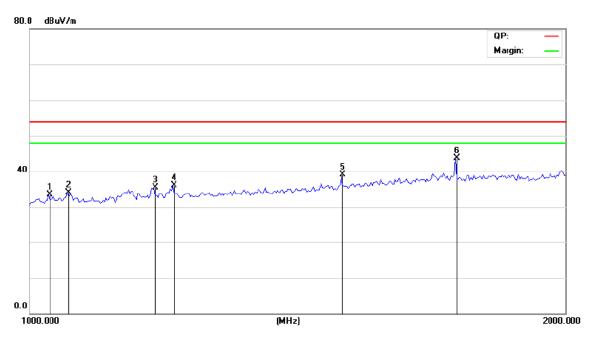
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1025.000	33.52	V	54.00
1050.000	34.03	V	54.00
1175.000	35.50	V	54.00
1205.000	36.09	V	54.00
1497.500	39.17	V	54.00
1737.500	43.65	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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## G: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

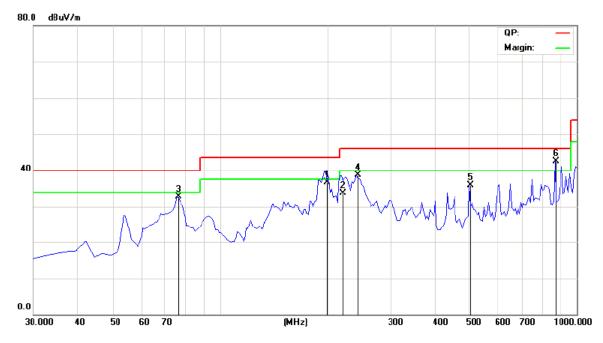
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
199.062	36.66	Н	43.50
220.508	33.61	Н	46.00
76.075	32.65	Н	40.00
243.400	38.75	Н	46.00
502.875	35.82	Н	46.00
871.475	42.44	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

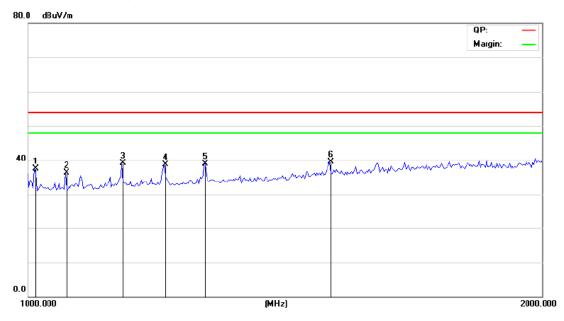
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

Note: Super. Talent (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	37.46	Н	54.00
1052.500	36.26	Н	54.00
1135.000	39.02	Н	54.00
1202.200	38.75	Н	54.00
1270.000	39.00	Н	54.00
1505.000	39.51	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## H: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

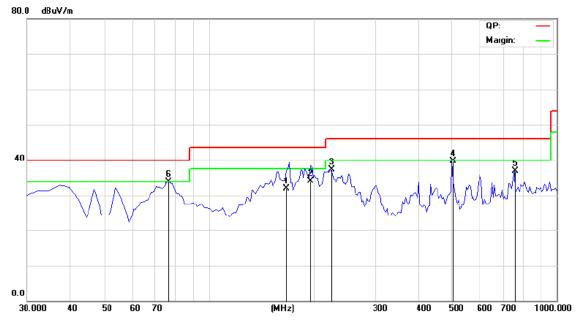
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
166.674	31.92	V	43.50
195.059	34.06	V	43.50
224.000	37.36	V	46.00
502.875	39.71	V	46.00
757.500	36.83	V	46.00
76.075	33.94	V	40.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

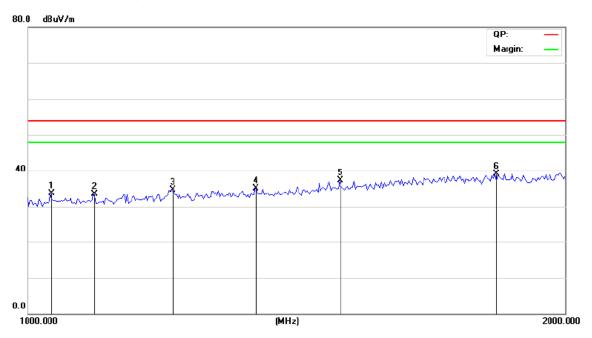
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Seagate(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1030.000	33.72	V	54.00
1090.000	33.47	V	54.00
1205.000	34.78	V	54.00
1342.500	35.10	V	54.00
1495.000	37.38	V	54.00
1830.000	39.11	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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## I: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

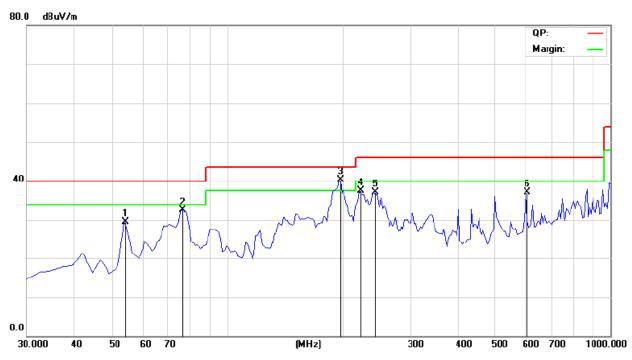
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note: Super. Talent (memory)+Toshiba(HDD)** 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	29.59	Н	40.00
76.075	32.44	Н	40.00
197.325	40.32	Н	43.50
221.575	37.49	Н	46.00
243.400	37.08	Н	46.00
602.300	37.10	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

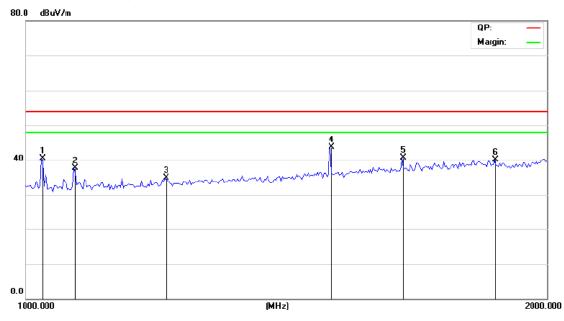
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1022.500	40.41	Н	54.00
1067.500	37.62	Н	54.00
1205.000	34.92	Н	54.00
1502.500	43.67	Н	54.00
1652.500	40.66	Н	54.00
1867.500	40.05	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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## J: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

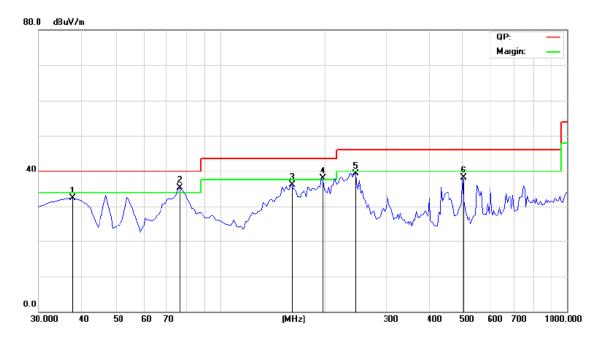
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
37.351	32.35	V	40.00
76.075	35.24	V	40.00
160.950	36.12	V	43.50
197.325	37.87	V	43.50
245.825	39.38	V	46.00
502.875	38.18	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

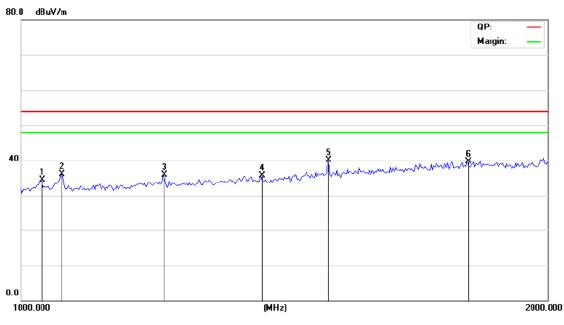
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1027.500	34.43	V	54.00
1055.000	36.13	V	54.00
1207.500	35.86	V	54.00
1372.500	35.70	V	54.00
1497.500	40.14	V	54.00
1802.500	39.62	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## K: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

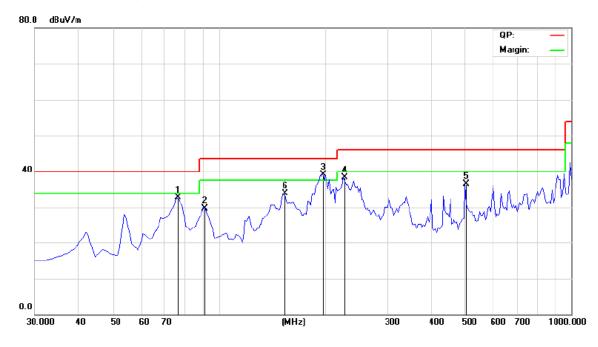
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note:** Crucial(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	32.74	Н	40.00
91.334	29.73	Н	43.50
197.325	39.03	Н	43.50
226.425	38.23	Н	46.00
502.875	36.45	Н	46.00
153.675	34.00	Н	43.50

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

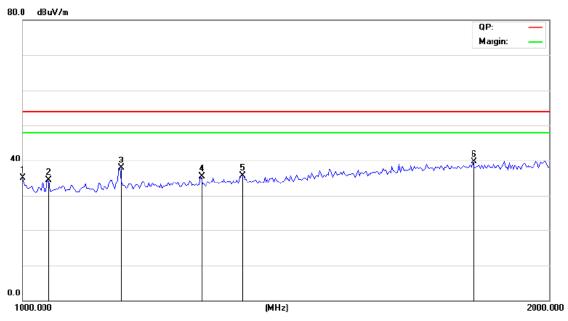
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

**Note:** Crucial(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1000.000	35.03	Н	54.00
1035.000	34.55	Н	54.00
1137.500	38.00	Н	54.00
1265.000	35.48	Н	54.00
1335.000	35.75	Н	54.00
1810.000	39.80	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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## L: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

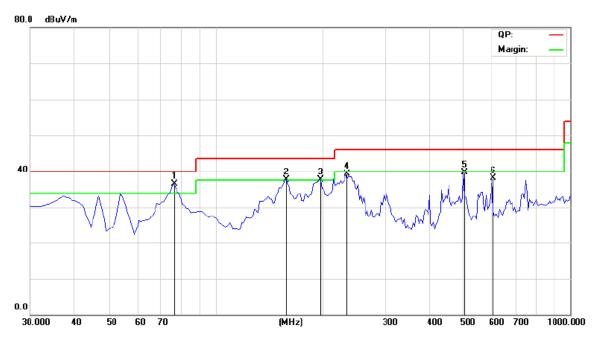
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note:** Crucial(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	36.51	V	40.00
158.525	37.79	V	43.50
197.325	37.73	V	43.50
233.700	39.31	V	46.00
502.875	39.71	V	46.00
602.300	38.10	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

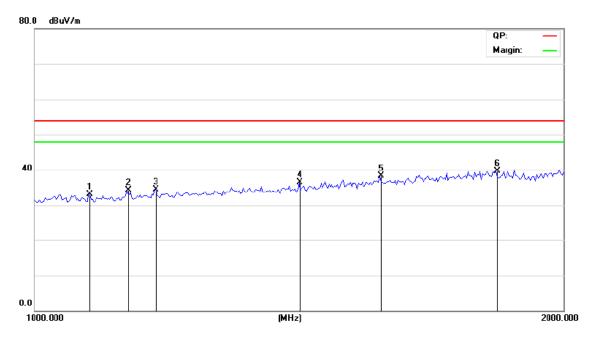
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note:** Crucial(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1075.000	33.20	V	54.00
1130.00	34.36	V	54.00
1172.500	34.49	V	54.00
1415.000	36.50	V	54.00
1572.500	38.33	V	54.00
1832.500	39.67	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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# M: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

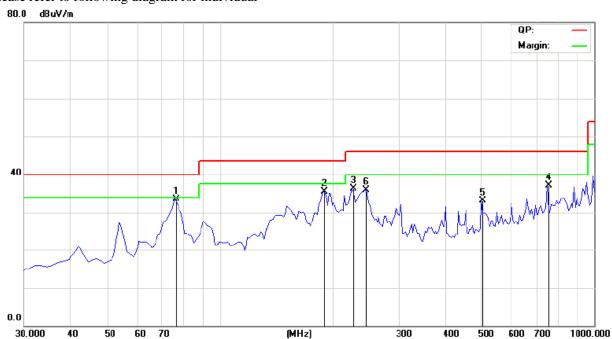
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	33.59	Н	40.00
190.050	35.59	Н	43.50
226.425	36.30	Н	46.00
752.650	37.17	Н	46.00
502.875	33.16	Н	46.00
245.950	35.94	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

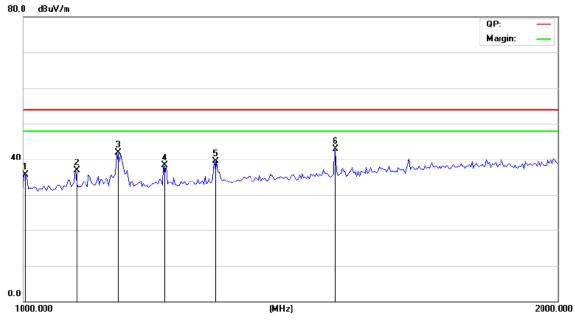
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1002.500	35.78	Н	54.00
1070.000	36.93	Н	54.00
1130.000	41.94	Н	54.00
1200.000	38.39	Н	54.00
1282.500	39.41	Н	54.00
1497.500	42.91	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# N: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

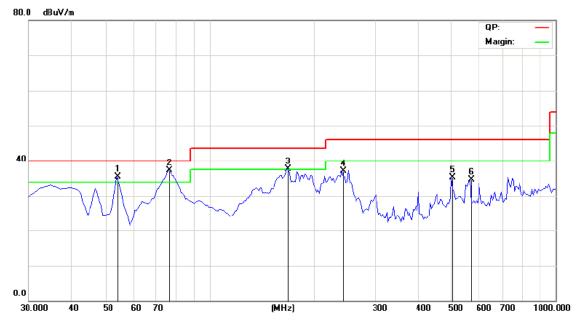
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	35.42	V	40.00
76.075	37.31	V	40.00
168.225	37.73	V	43.50
243.400	37.08	V	46.00
502.875	35.24	V	46.00
565.925	34.73	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

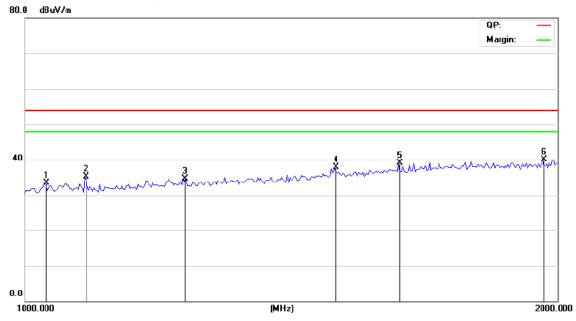
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1027.500	33.51	V	54.00
1082.500	35.23	V	54.00
1230.000	34.62	V	54.00
1500.000	37.92	V	54.00
1630.000	39.02	V	54.00
1965.000	40.01	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# O: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

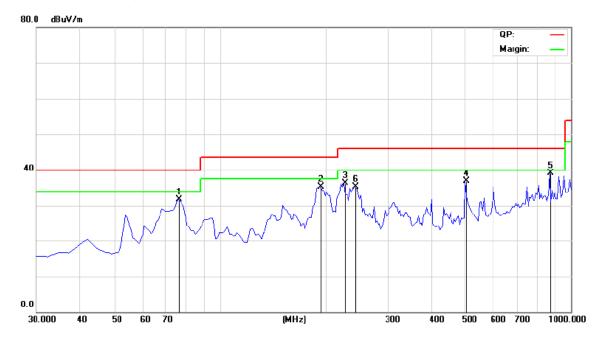
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note: Patriot (memory)+Toshiba(HDD)** 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	31.79	Н	40.00
192.475	35.37	Н	43.50
226.425	36.23	Н	46.00
502.875	36.84	Н	46.00
871.475	39.19	Н	46.00
243.400	35.34	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

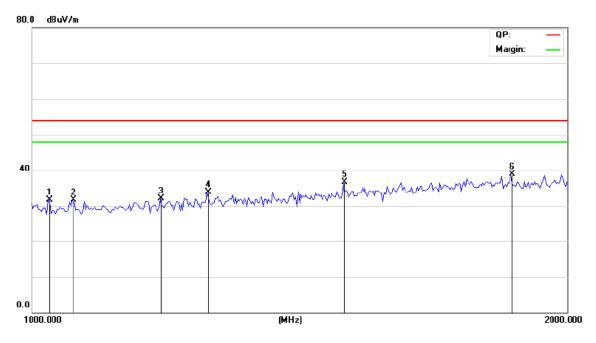
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1022.500	31.72	Н	54.00
1055.000	31.63	Н	54.00
1182.500	32.05	Н	54.00
1255.000	33.96	Н	54.00
1497.500	36.63	Н	54.00
1862.500	38.82	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# P: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

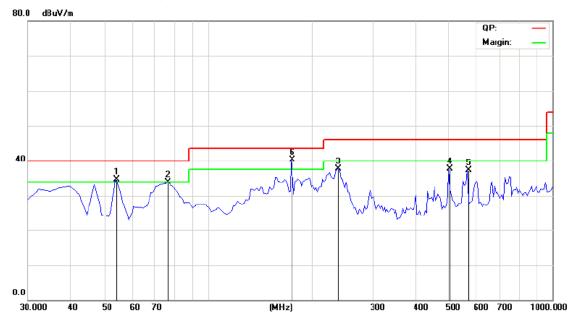
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	34.68	V	40.00
76.075	33.99	V	40.00
238.550	37.75	V	46.00
502.875	37.66	V	46.00
565.925	37.23	V	46.00
175.500	40.27	V	43.50

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

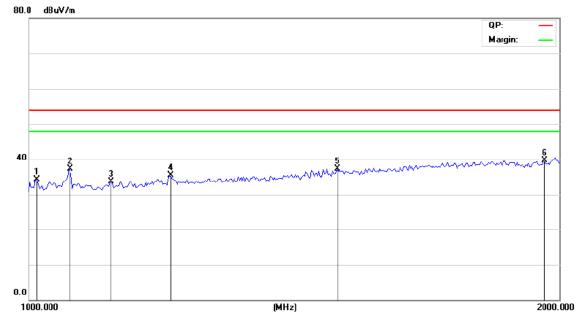
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Toshiba(HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	34.32	V	54.00
1055.000	37.23	V	54.00
1112.500	33.79	V	54.00
1202.500	35.46	V	54.00
1495.000	37.24	V	54.00
1960.000	39.69	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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# Q: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

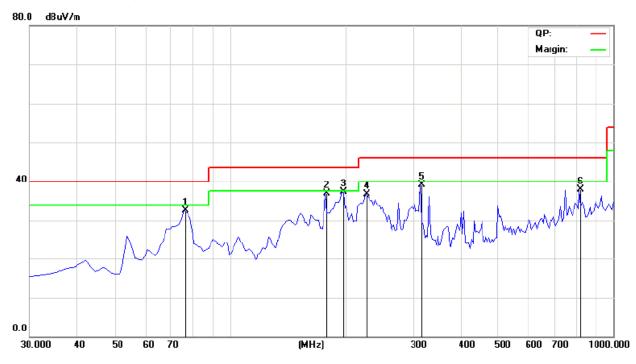
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Westem Digitl WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	32.51	Н	40.00
177.925	36.93	Н	43.50
197.325	37.37	Н	43.50
226.425	36.61	Н	46.00
316.150	39.03	Н	46.00
820.550	37.90	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

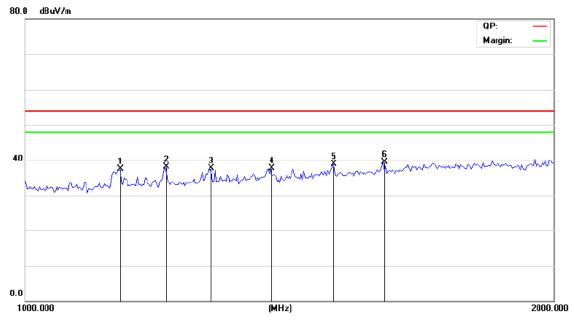
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Westem Digitl WD (HDD)

**Equipment Level: Class B** 

Results: Pass



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1132.500	37.44	Н	54.00
1202.500	38.08	Н	54.00
1275.000	37.73	Н	54.00
1382.500	37.72	Н	54.00
1497.500	38.91	Н	54.00
1600.000	39.49	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# R: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Westem Digitl WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
46.975	33.09	V	40.00
54.250	34.12	V	40.00
78.500	34.14	V	40.00
197.325	37.94	V	43.50
602.300	36.14	V	46.00
755.075	36.14	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

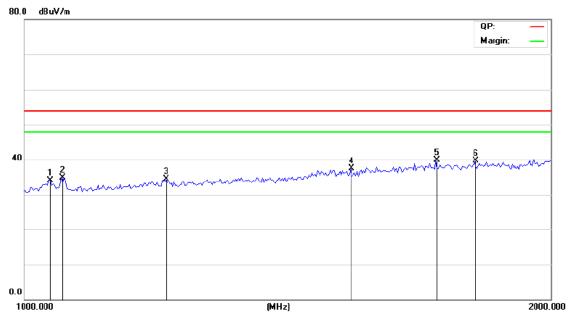
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Westem Digitl WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1035.000	34.20	V	54.00
1050.000	34.94	V	54.00
1205.000	34.57	V	54.00
1537.500	37.41	V	54.00
1722.500	39.94	V	54.00
1810.000	39.78	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# S: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

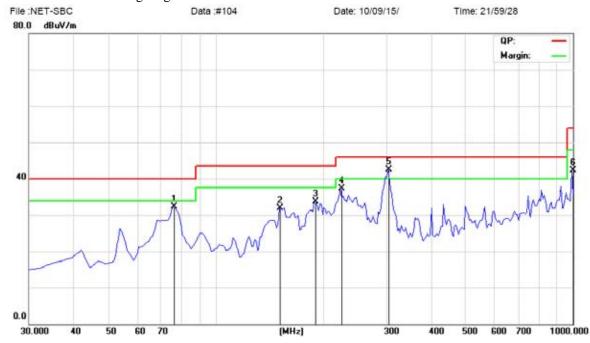
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Westem Digitl WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	32.40	Н	40.00
151.250	31.96	Н	40.00
190.050	33.73	Н	40.00
224.000	37.29	Н	40.00
304.025	42.48	Н	47.00
992.725	42.39	Н	47.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

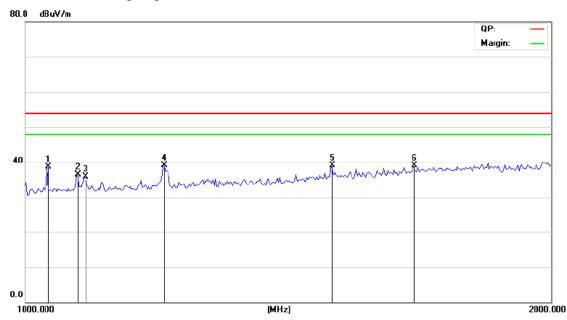
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1030.000	38.72	Н	54.00
1070.000	36.50	Н	54.00
1082.500	35.92	Н	54.00
1200.000	39.04	Н	54.00
1497.500	39.19	Н	54.00
1670.000	39.05	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# T: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
46.975	32.56	V	40.00
54.250	34.87	V	40.00
78.500	34.04	V	40.00
139.125	34.77	V	40.00
221.575	36.70	V	40.00
502.875	36.31	V	47.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

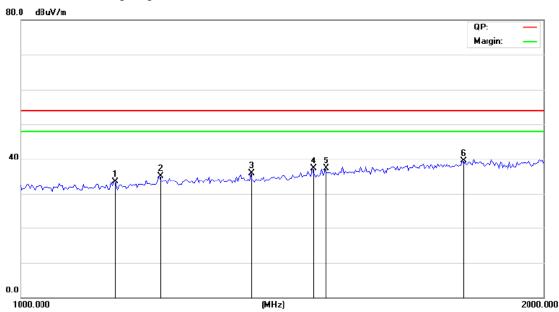
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1132.500	33.44	V	54.00
1202.500	35.20	V	54.00
1357.500	35.84	V	54.00
1472.500	37.27	V	54.00
1497.500	37.37	V	54.00
1797.500	39.42	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### U: Radiated Disturbance (30MHz----1000MHz)

#### **EUT Operating Environment**

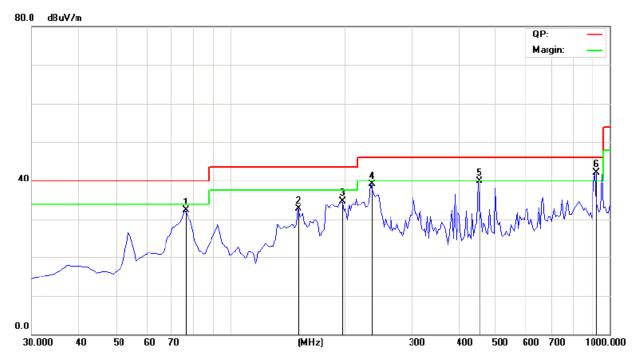
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	32.21	Н	40.00
151.250	32.67	Н	43.50
197.325	34.61	Н	43.50
236.125	39.03	Н	46.00
451.950	39.90	Н	46.00
922.400	42.08	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

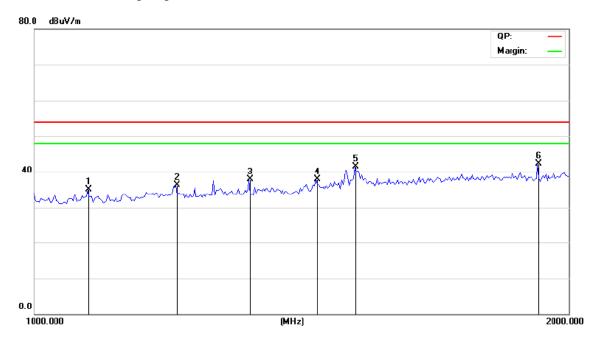
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1072.500	35.04	Н	54.00
1202.500	36.26	Н	54.00
1322.500	37.90	Н	54.00
1442.500	37.81	Н	54.00
1517.500	41.52	Н	54.00
1922.500	42.28	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### V: Radiated Disturbance (30MHz----1000MHz)

# **EUT Operating Environment**

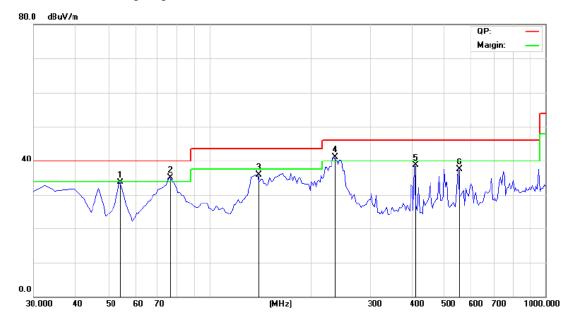
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

Note: Crucial (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	33.63	V	40.00
76.075	35.11	V	40.00
139.125	35.98	V	43.50
236.125	41.10	V	46.00
410.725	38.66	V	46.00
551.375	37.60	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### Radiated Disturbance (1000MHz----2000MHz)

#### **EUT Operating Environment**

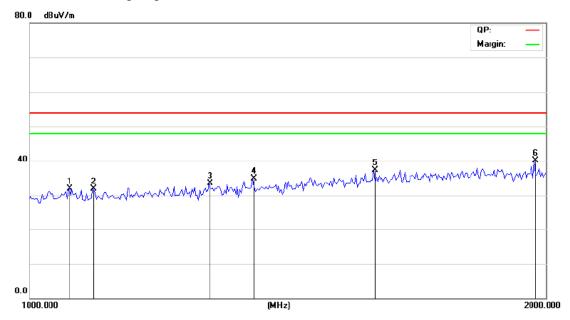
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1055.000	31.93	V	54.00
1090.000	31.94	V	54.00
1272.500	33.42	V	54.00
1350.000	34.83	V	54.00
1590.000	37.39	V	54.00
1970.000	40.09	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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# W: Radiated Disturbance (30MHz----1000MHz)

#### **EUT Operating Environment**

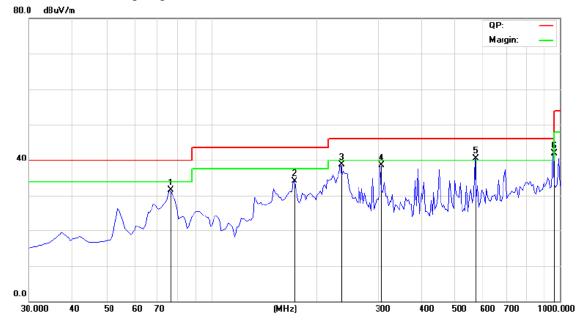
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	31.46	Н	40.00
173.205	34.19	Н	43.50
236.125	38.71	Н	46.00
308.875	38.46	Н	46.00
573.200	40.59	Н	46.00
961.200	41.99	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### Radiated Disturbance (1000MHz----2000MHz)

#### **EUT Operating Environment**

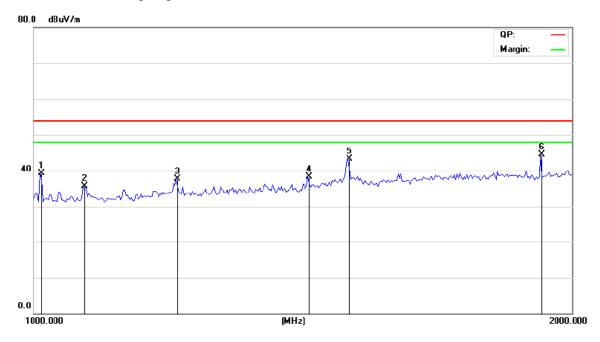
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	39.34	Н	54.00
1067.500	35.67	Н	54.00
1202.500	37.67	Н	54.00
1425.000	38.38	Н	54.00
1502.500	43.37	Н	54.00
1922.500	44.52	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### X: Radiated Disturbance (30MHz----1000MHz)

# **EUT Operating Environment**

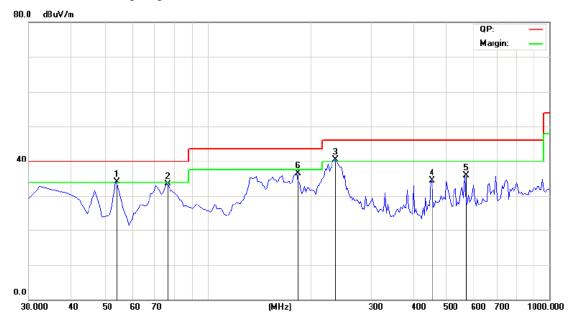
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	34.05	V	40.00
76.075	33.57	V	40.00
236.125	40.60	V	46.00
451.950	34.58	V	46.00
565.925	35.98	V	46.00
182.775	36.43	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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### Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

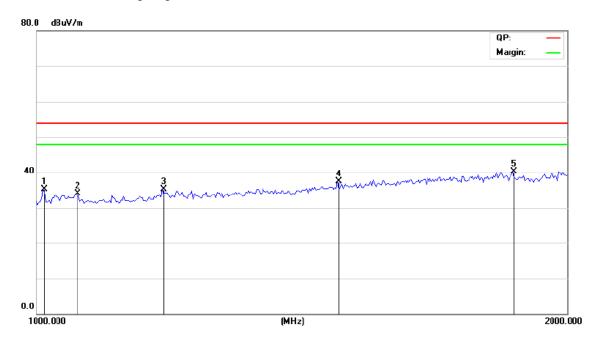
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+ Westem Digital WD (HDD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	35.31	V	54.00
1055.000	34.08	V	54.00
1180.00	35.23	V	54.00
1482.500	37.44	V	54.00
1865.000	40.21	V	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Y: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

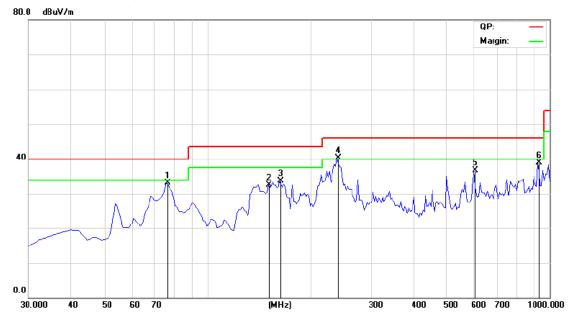
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	33.06	Н	40.00
151.250	32.50	Н	43.50
163.375	33.69	Н	43.50
240.975	40.28	Н	46.00
602.300	36.78	Н	46.00
932.100	38.88	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

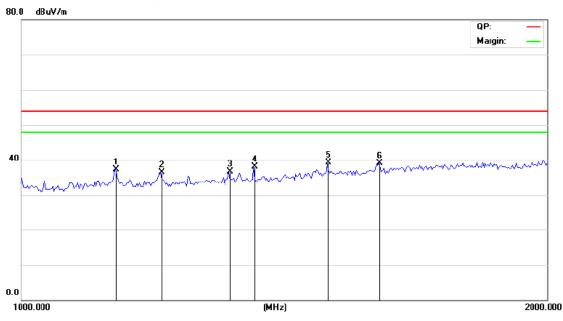
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1132.500	37.33	Н	54.00
1202.500	36.44	Н	54.00
1315.000	36.61	Н	54.00
1360.000	38.02	Н	54.00
1497.500	39.21	Н	54.00
1602.500	39.11	Н	54.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Z: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

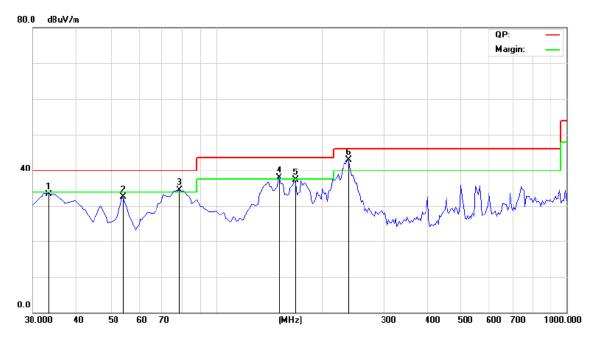
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
33.327	33.37	V	40.00
54.250	32.51	V	40.00
78.688	34.46	V	40.00
151.250	37.94	V	43.50
168.225	37.21	V	43.50
238.550	42.81	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

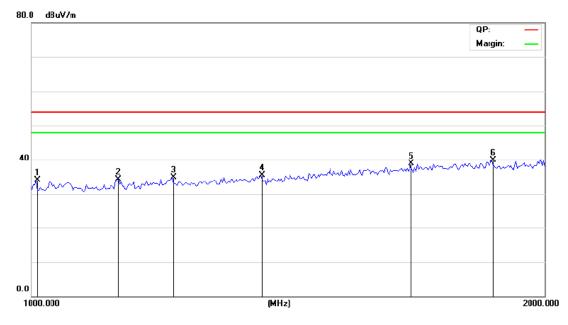
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1007.500	34.08 (PK)	V	54.00 (AV)
1125.000	34.38 (PK)	V	54.00 (AV)
1210.00	35.00 (PK)	V	54.00 (AV)
1365.000	35.47 (PK)	V	54.00 (AV)
1667.500	38.93 (PK)	V	54.00 (AV)
1865.000	40.00 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# A1: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

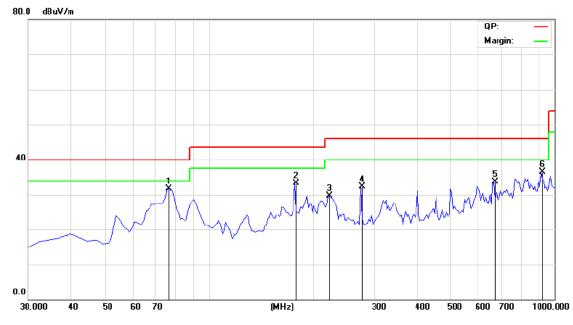
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	31.71	Н	40.00
177.925	33.22	Н	43.50
221.575	29.75	Н	46.00
277.350	32.23	Н	46.00
670.200	33.72	Н	46.00
917.550	36.50	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

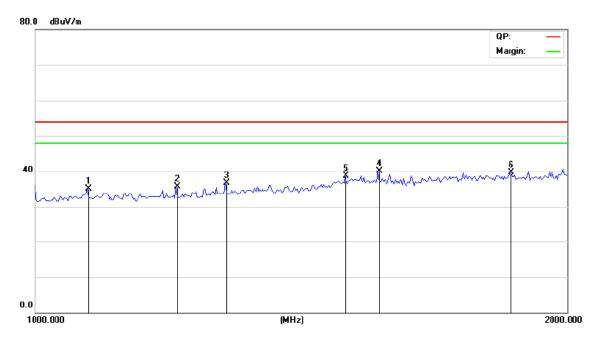
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1070.000	35.05 (PK)	Н	54.00 (AV)
1202.500	35.77 (PK)	Н	54.00 (AV)
1282.500	36.63 (PK)	Н	54.00 (AV)
1565.000	40.04 (PK)	Н	54.00 (AV)
1497.500	38.63 (PK)	Н	54.00 (AV)
1857.500	39.74 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# B1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

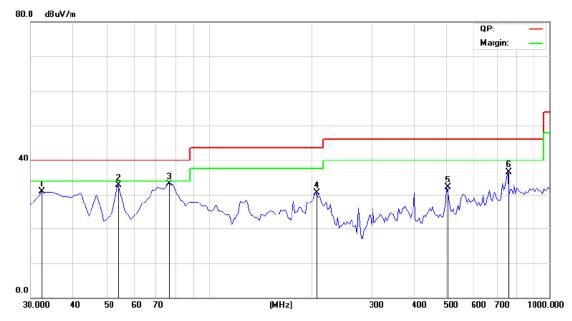
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	30.81	V	40.00
54.250	32.66	V	40.00
76.075	33.19	V	40.00
207.025	30.42	V	43.50
502.875	32.02	V	46.00
757.500	36.49	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

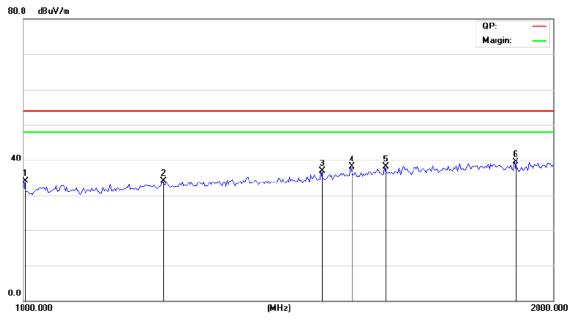
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1002.500	34.15 (PK)	V	54.00 (AV)
1200.000	34.01 (PK)	V	54.00 (AV)
1477.500	36.84 (PK)	V	54.00 (AV)
1535.000	38.17 (PK)	V	54.00 (AV)
1607.500	38.02 (PK)	V	54.00 (AV)
1905.000	39.52 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# C1: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

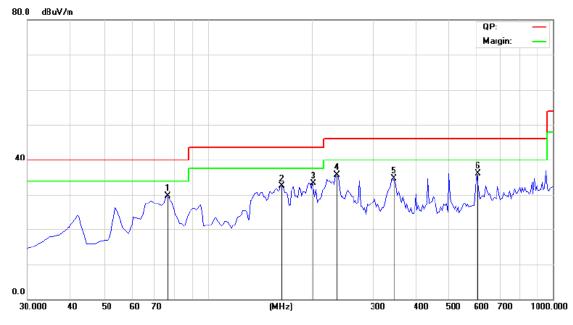
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	29.71	Н	40.00
163.375	32.60	Н	43.50
202.175	33.32	Н	43.50
236.125	35.62	Н	46.00
345.250	34.68	Н	46.00
602.300	36.13	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

## **EUT Operating Environment**

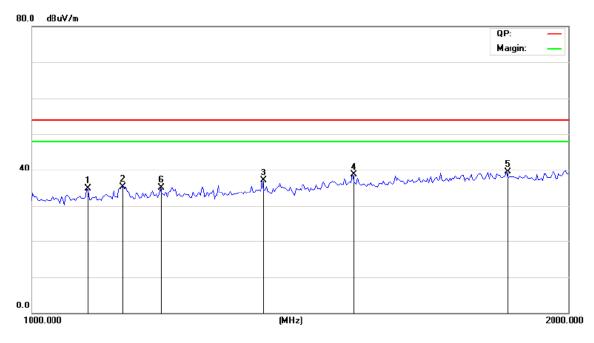
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1075.000	34.81 (PK)	Н	54.00 (AV)
1125.000	35.24 (PK)	Н	54.00 (AV)
1347.500	37.10 (PK)	Н	54.00 (AV)
1515.000	38.74 (PK)	Н	54.00 (AV)
1847.500	39.49 (PK)	Н	54.00 (AV)
1182.500	35.17 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# D1: Radiated Disturbance (30MHz----1000MHz)

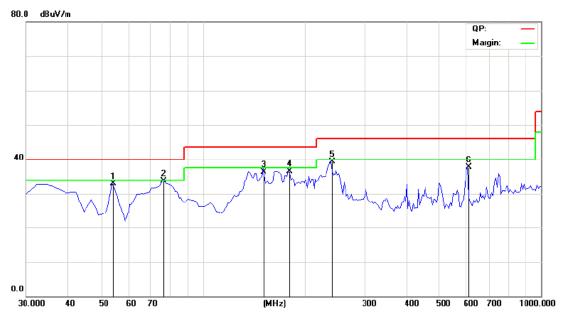
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition:** Run EMC Test Program, Ping LAN &Read USB

**Note: Patriot(memory)+Kingston (SSD)** 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (I	MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
54.250		32.83	V	40.00
76.075		33.74	V	40.00
151.250		36.21	V	43.50
180.350		36.59	V	43.50
240.975		39.29	V	46.00
607.150		37.63	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

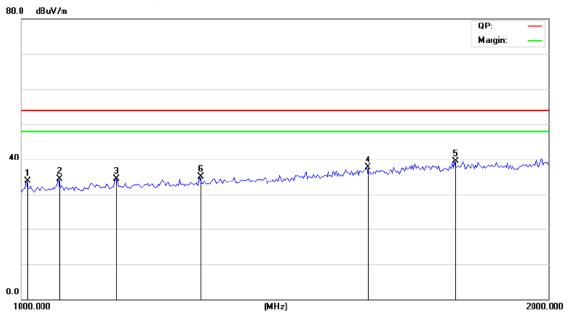
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1007.500	33.91 (PK)	V	54.00 (AV)
1050.000	34.45 (PK)	V	54.00 (AV)
1132.500	34.55 (PK)	V	54.00 (AV)
1575.000	37.64 (PK)	V	54.00 (AV)
1770.000	39.42 (PK)	V	54.00 (AV)
1265.000	35.17 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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# E1: Radiated Disturbance (30MHz----1000MHz)

## **EUT Operating Environment**

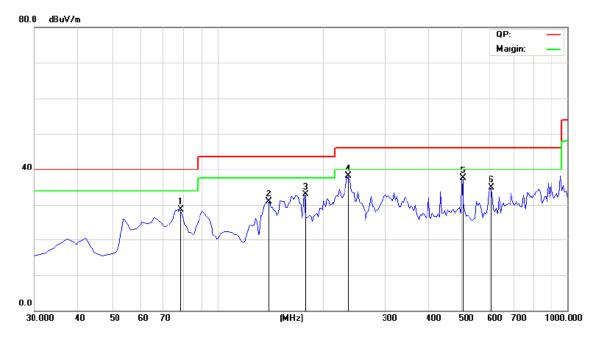
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note:** Kingston(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
78.500	28.61	Н	40.00
139.125	30.86	Н	43.50
177.925	32.91	Н	43.50
236.125	38.12	Н	46.00
502.875	37.60	Н	46.00
604.725	34.94	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

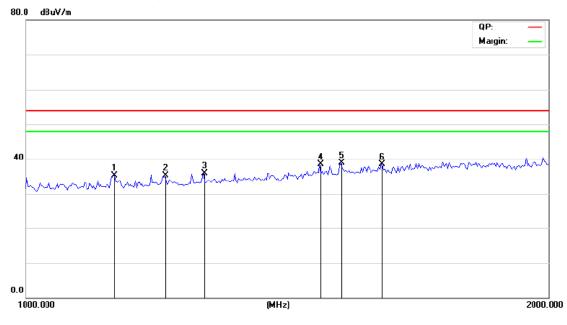
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa EUT set Condition: Run EMC Test Program, Ping LAN &Read USB

Note: Kingston(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1125.000	35.29 (PK)	Н	54.00 (AV)
1202.500	35.26 (PK)	Н	54.00 (AV)
1267.500	35.94 (PK)	Н	54.00 (AV)
1477.500	38.57 (PK)	Н	54.00 (AV)
1520.000	38.97 (PK)	Н	54.00 (AV)
1602.500	38.53 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# F1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

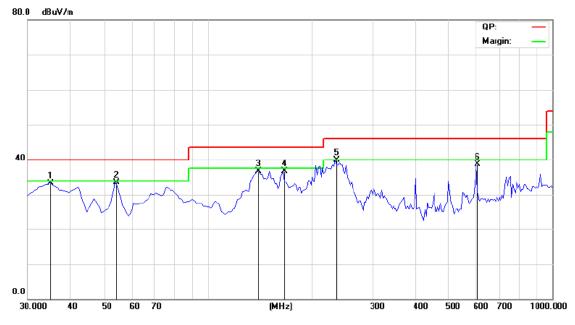
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
34.850	33.32	V	40.00
54.250	33.43	V	40.00
139.125	36.67	V	43.50
165.800	36.75	V	43.50
236.125	39.97	V	46.00
602.300	38.74	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston(memory)+Kingston (SSD)

**Equipment Level: Class B** 

**Results: Pass** 

0 dBuV/m				QP: —
				Margin: —
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Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1047.500	32.99 (PK)	V	54.00 (AV)
1137.500	34.43 (PK)	V	54.00 (AV)
1495.000	36.95 (PK)	V	54.00 (AV)
1770.000	39.51 (PK)	V	54.00 (AV)
1880.000	39.65 (PK)	V	54.00 (AV)
1272.500	34.60 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## G1: Radiated Disturbance (30MHz----1000MHz)

# **EUT Operating Environment**

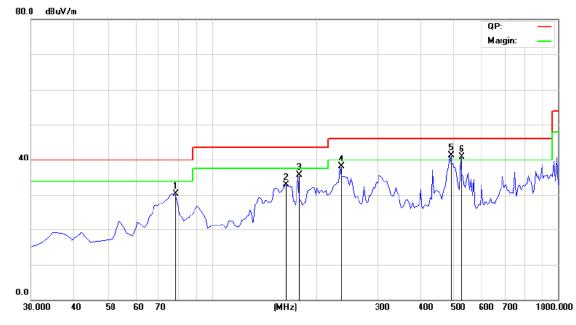
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
78.500	30.28	Н	40.00
163.375	32.93	Н	43.50
177.925	35.69	Н	43.50
236.125	38.04	Н	46.00
490.750	41.31	Н	46.00
527.125	40.82	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

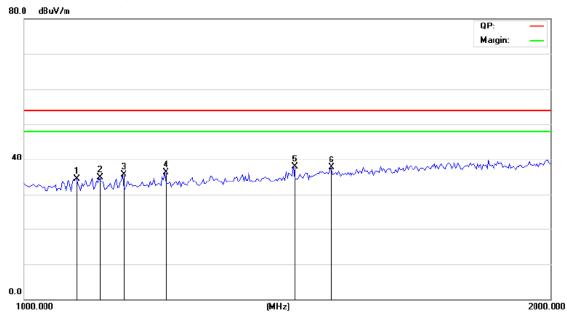
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

Note: Kingston (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1070.000	34.55 (PK)	Н	54.00 (AV)
1105.000	34.81 (PK)	Н	54.00 (AV)
1140.000	35.73 (PK)	Н	54.00 (AV)
1205.000	36.29 (PK)	Н	54.00 (AV)
1427.500	37.95 (PK)	Н	54.00 (AV)
1497.500	37.80 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## H1: Radiated Disturbance (30MHz----1000MHz)

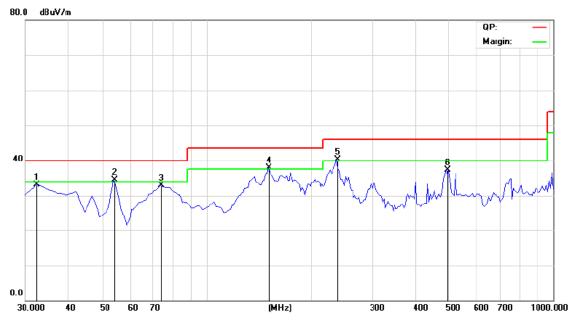
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition:** Run EMC Test Program, Ping LAN &Read USB

Note: Kingston (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	33.20	V	40.00
54.250	34.48	V	40.00
73.650	32.96	V	40.00
151.250	37.90	V	43.50
238.550	40.25	V	46.00
495.600	37.27	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

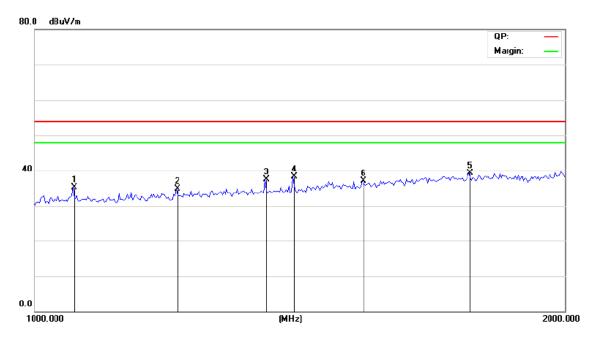
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

Note: Kingston (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1052.500	35.36 (PK)	V	54.00 (AV)
1205.000	34.88 (PK)	V	54.00 (AV)
1352.500	37.57 (PK)	V	54.00 (AV)
1402.500	38.24 (PK)	V	54.00 (AV)
1767.500	39.32 (PK)	V	54.00 (AV)
1535.000	37.03 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## I1: Radiated Disturbance (30MHz----1000MHz)

#### **EUT Operating Environment**

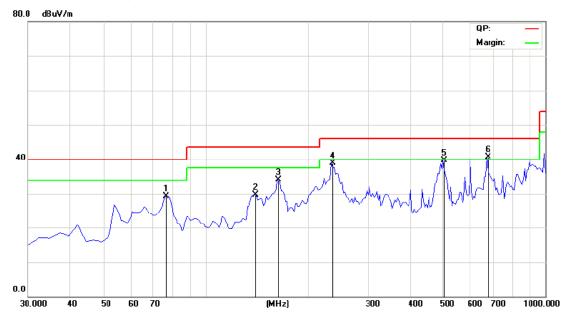
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note: Crucial (memory)+Patriot (SSD)** 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	29.38	Н	40.00
139.125	29.61	Н	43.50
163.375	34.18	Н	43.50
236.125	38.81	Н	46.00
500.450	39.61	Н	46.00
679.900	40.69	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

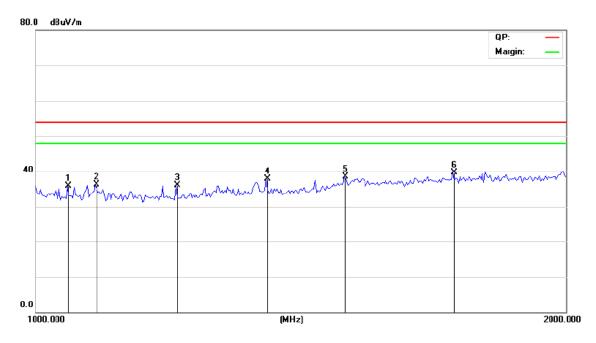
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa EUT set Condition: Run EMC Test Program, Ping LAN &Read USB

EUT set Condition: Kun EMC Test Program, Ping LAN & Read USE

Note: Crucial (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1042.500	35.85 (PK)	Н	54.00 (AV)
1082.500	36.31 (PK)	Н	54.00 (AV)
1202.500	36.10 (PK)	Н	54.00 (AV)
1352.500	37.89 (PK)	Н	54.00 (AV)
1497.500	38.48 (PK)	Н	54.00 (AV)
1727.500	39.70 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## J1: Radiated Disturbance (30MHz----1000MHz)

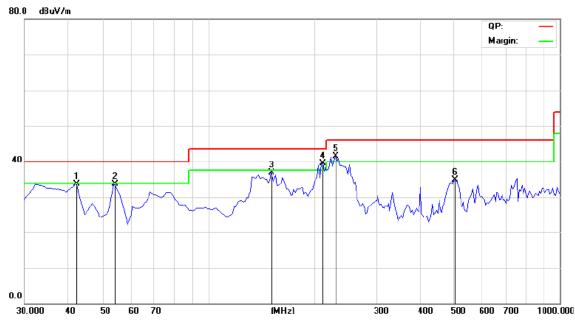
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition:** Run EMC Test Program, Ping LAN &Read USB

Note: Crucial (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
42.125	33.62	V	40.00
54.250	33.61	V	40.00
151.250	36.82	V	43.50
211.897	39.41	V	43.50
231.312	41.53	V	46.00
502.875	34.95	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

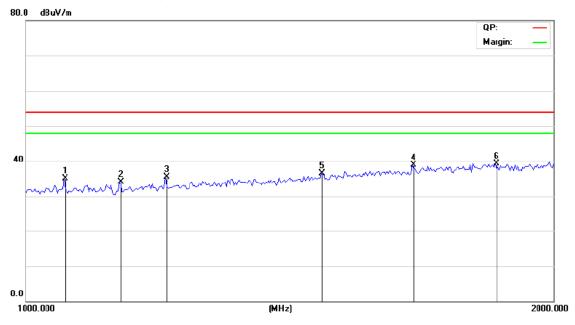
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

**Note: Crucial (memory)+Patriot (SSD)** 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1052.500	35.07 (PK)	V	54.00 (AV)
1132.500	34.09 (PK)	V	54.00 (AV)
1202.500	35.55 (PK)	V	54.00 (AV)
1662.500	38.82 (PK)	V	54.00 (AV)
1475.000	36.53 (PK)	V	54.00 (AV)
1855.000	39.26 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## K1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

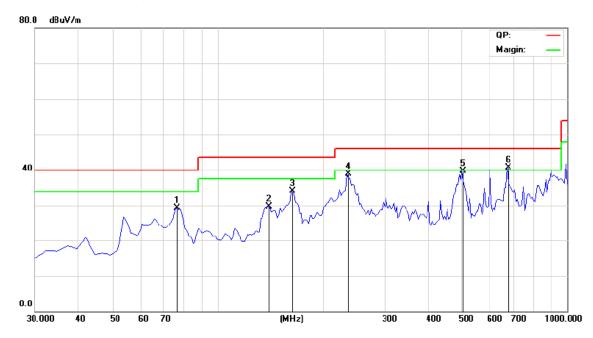
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	29.38	Н	40.00
139.125	29.61	Н	43.50
163.125	34.18	Н	43.50
236.125	38.81	Н	46.00
500.450	39.61	Н	46.00
679.900	40.69	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

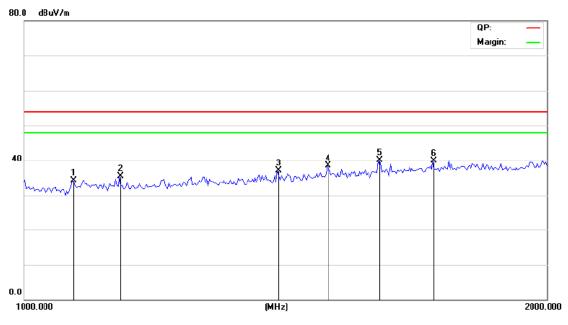
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1067.500	34.31 (PK)	Н	54.00 (AV)
1135.000	35.52 (PK)	Н	54.00 (AV)
1400.000	37.03 (PK)	Н	54.00 (AV)
1495.000	38.44 (PK)	Н	54.00 (AV)
1600.000	40.19 (PK)	Н	54.00 (AV)
1722.500	39.89 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## L1: Radiated Disturbance (30MHz----1000MHz)

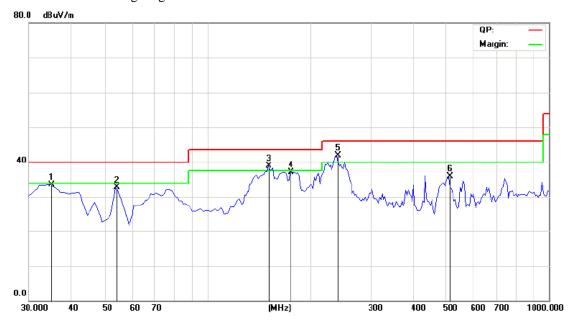
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition:** Run EMC Test Program, Ping LAN &Read USB

Note: Patriot (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
34.850	33.55	V	40.00
54.250	32.68	V	40.00
151.250	38.81	V	43.50
175.500	37.11	V	43.50
240.975	41.89	V	46.00
510.150	35.98	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

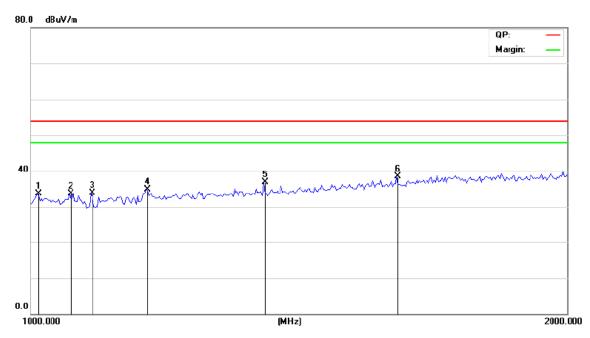
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	33.66 (PK)	V	54.00 (AV)
1052.500	33.75 (PK)	V	54.00 (AV)
1082.500	33.83 (PK)	V	54.00 (AV)
1162.500	34.95 (PK)	V	54.00 (AV)
1352.500	36.96 (PK)	V	54.00 (AV)
1607.500	38.48 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# M1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

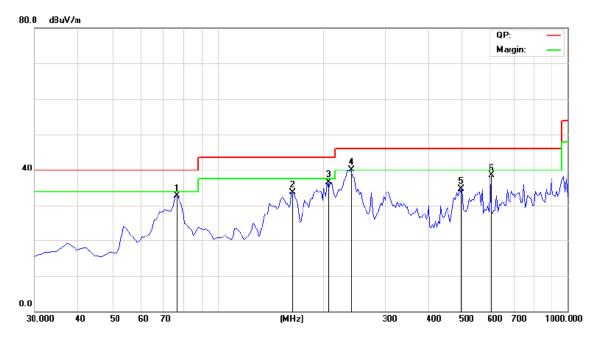
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	32.78	Н	40.00
163.375	33.66	Н	43.50
207.025	36.58	Н	43.50
240.975	40.16	Н	46.00
495.600	34.68	Н	46.00
602.300	38.41	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

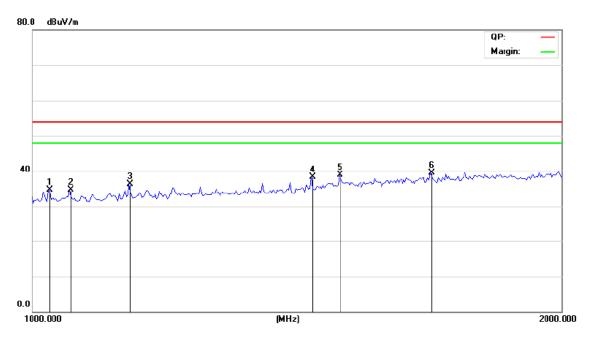
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1022.500	34.71 (PK)	Н	54.00 (AV)
1050.000	34.62 (PK)	Н	54.00 (AV)
1135.000	36.30 (PK)	Н	54.00 (AV)
1442.500	38.27 (PK)	Н	54.00 (AV)
1495.000	38.94 (PK)	Н	54.00 (AV)
1687.500	39.51 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## N1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

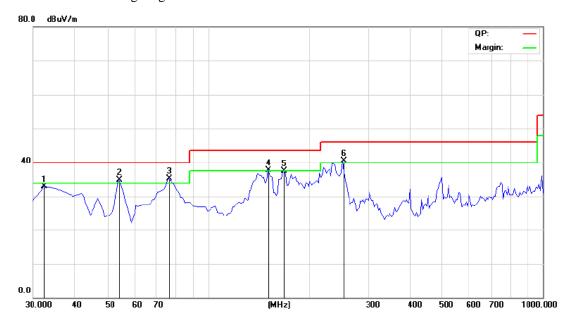
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN &Read USB

Note: Super. Talent (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	32.95	V	40.00
54.250	34.97	V	40.00
76.075	35.28	V	40.00
151.250	37.68	V	43.50
168.225	37.52	V	43.50
253.100	40.59	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

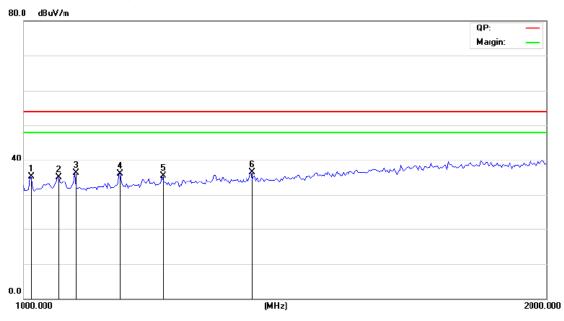
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

 $EUT\ set\ Condition:\quad Run\ EMC\ Test\ Program\ ,\ Ping\ LAN\ \&Read\ USB$ 

Note: Super. Talent (memory)+Patriot (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	35.30 (PK)	V	54.00 (AV)
1047.500	35.03 (PK)	V	54.00 (AV)
1070.000	36.28 (PK)	V	54.00 (AV)
1135.000	36.04 (PK)	V	54.00 (AV)
1202.500	35.46 (PK)	V	54.00 (AV)
1352.500	36.60 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## O1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

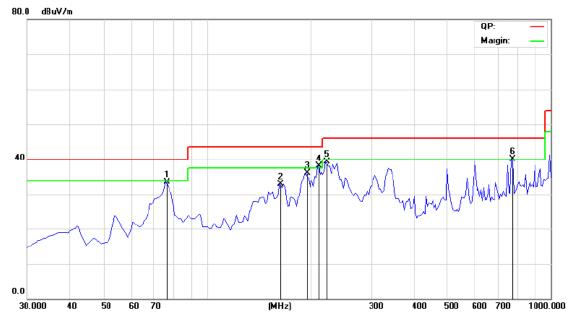
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	33.51	Н	40.00
163.375	32.97	Н	43.50
194.900	36.09	Н	43.50
211.897	38.04	Н	43.50
221.575	39.27	Н	46.00
774.475	40.08	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

#### **EUT Operating Environment**

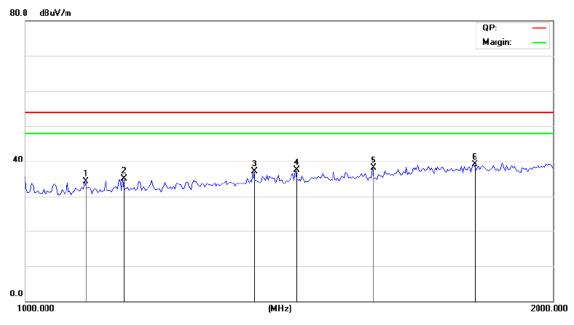
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

Note: Super. Talent (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1082.500	34.39 (PK)	Н	54.00 (AV)
1137.500	35.12 (PK)	Н	54.00 (AV)
1350.000	37.11 (PK)	Н	54.00 (AV)
1427.500	37.59 (PK)	Н	54.00 (AV)
1577.500	38.11 (PK)	Н	54.00 (AV)
1805.000	39.05 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## P1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

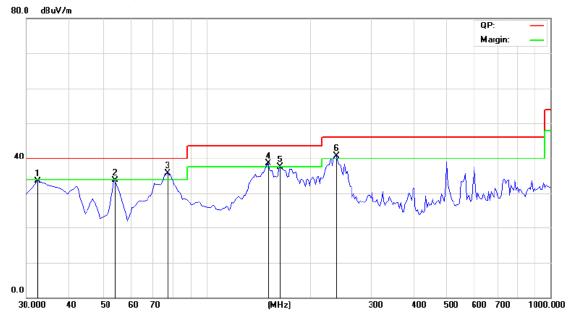
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN &Read USB

Note: Super. Talent (memory)+Corsair (SSD)

**Equipment Level: Class B** 

Results: Pass



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	33.46	V	40.00
54.250	33.64	V	40.00
77.321	35.72	V	40.00
151.250	38.44	V	43.50
164.330	37.47	V	43.50
238.550	40.65	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

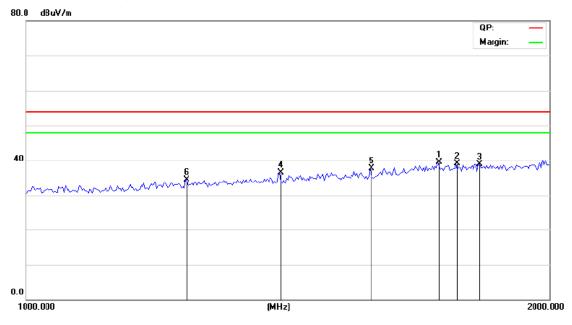
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Super. Talent (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1727.500	38.42 (PK)	V	54.00 (AV)
1770.000	39.14 (PK)	V	54.00 (AV)
1822.500	38.90 (PK)	V	54.00 (AV)
1400.000	36.42 (PK)	V	54.00 (AV)
1577.500	37.76 (PK)	V	54.00 (AV)
1237.500	34.43 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# Q1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

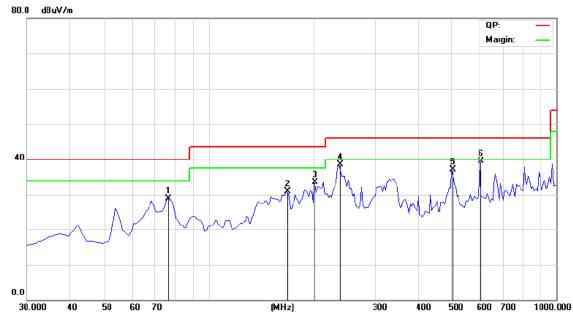
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	28.90	Н	40.00
168.225	30.98	Н	43.50
202.175	33.53	Н	43.50
238.550	38.51	Н	46.00
502.875	37.03	Н	46.00
602.300	39.46	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

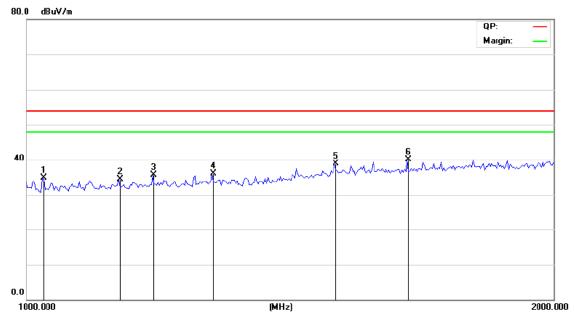
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1022.500	34.91 (PK)	Н	54.00 (AV)
1130.000	34.52 (PK)	Н	54.00 (AV)
1182.500	35.70 (PK)	Н	54.00 (AV)
1277.500	36.16 (PK)	Н	54.00 (AV)
1502.500	38.98 (PK)	Н	54.00 (AV)
1652.500	40.08 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## R1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

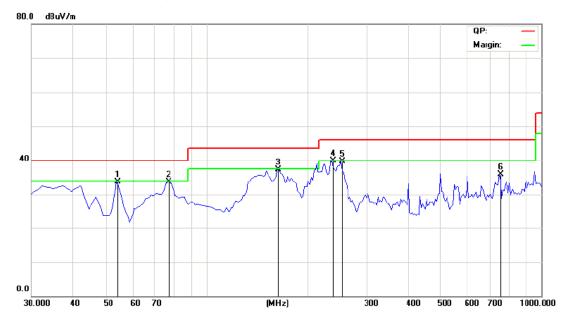
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN &Read USB

Note: Crucial (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	33.71	V	40.00
77.321	33.64	V	40.00
163.375	37.37	V	43.50
238.550	39.96	V	46.00
253.100	39.75	V	46.00
755.075	35.98	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

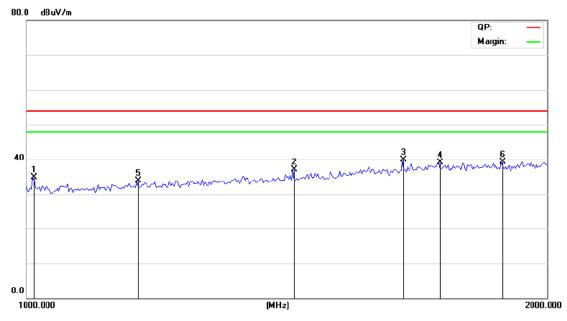
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Crucial (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1010.000	34.90 (PK)	V	54.00 (AV)
1427.500	37.01 (PK)	V	54.00 (AV)
1652.500	39.98 (PK)	V	54.00 (AV)
1732.500	39.12 (PK)	V	54.00 (AV)
1160.000	33.89 (PK)	V	54.00 (AV)
1885.000	39.29 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



# S1: Radiated Disturbance (30MHz----1000MHz)

#### **EUT Operating Environment**

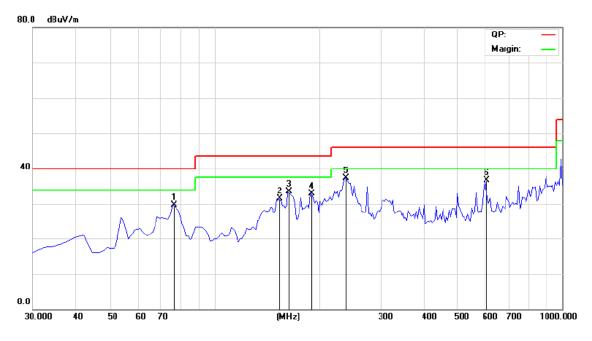
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Corsair (SSD)

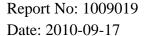
**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	29.76	Н	40.00
153.675	31.50	Н	43.50
163.375	33.45	Н	43.50
190.050	32.89	Н	43.50
238.550	37.24	Н	46.00
604.725	36.72	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.





## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

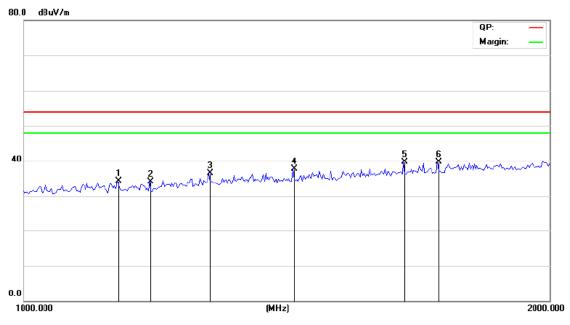
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Patriot(memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1132.500	34.26 (PK)	Н	54.00 (AV)
1182.500	34.20 (PK)	Н	54.00 (AV)
1277.500	36.41 (PK)	Н	54.00 (AV)
1427.500	37.62 (PK)	Н	54.00 (AV)
1652.500	39.80 (PK)	Н	54.00 (AV)
1727.500	39.72 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## T1: Radiated Disturbance (30MHz----1000MHz)

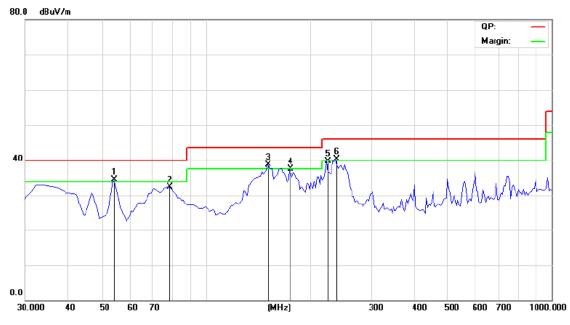
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition:** Run EMC Test Program, Ping LAN &Read USB

**Note: Patriot(memory)+Corsair (SSD)** 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	34.43	V	40.00
78.500	32.36	V	40.00
151.250	38.77	V	43.50
175.500	37.55	V	43.50
224.000	39.71	V	46.00
238.550	40.40	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

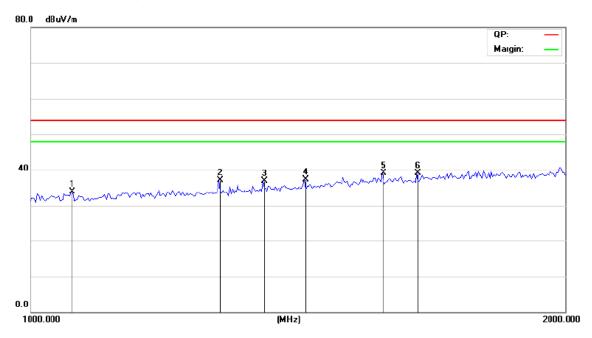
Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program , Ping LAN &Read USB

 $Note: Patriot(memory) + Corsair\ (SSD)$ 

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1055.000	33.86 (PK)	V	54.00 (AV)
1277.500	37.14 (PK)	V	54.00 (AV)
1352.500	36.94 (PK)	V	54.00 (AV)
1427.500	37.33 (PK)	V	54.00 (AV)
1577.500	39.05 (PK)	V	54.00 (AV)
1652.500	39.08 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## U1: Radiated Disturbance (30MHz----1000MHz)

### **EUT Operating Environment**

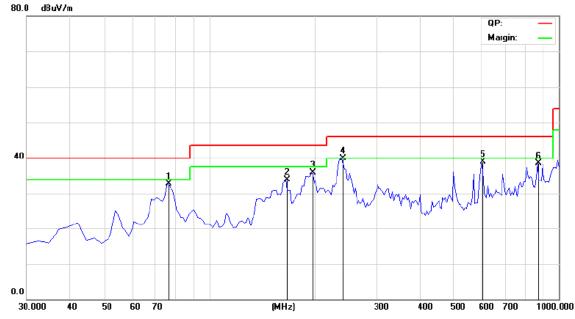
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
76.075	32.75	Н	40.00
165.800	33.91	Н	43.50
197.325	35.84	Н	43.50
240.975	39.85	Н	46.00
602.300	38.86	Н	46.00
871.475	38.57	Н	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

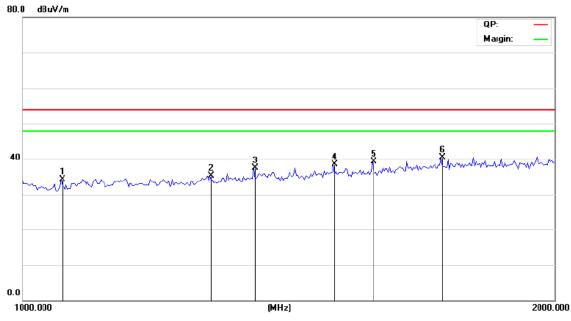
Temperature:25 ℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1052.500	34.23 (PK)	Н	54.00 (AV)
1277.500	35.38 (PK)	Н	54.00 (AV)
1352.500	37.52 (PK)	Н	54.00 (AV)
1502.500	38.51 (PK)	Н	54.00 (AV)
1577.500	39.31 (PK)	Н	54.00 (AV)
1727.500	40.58 (PK)	Н	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## V1: Radiated Disturbance (30MHz----1000MHz)

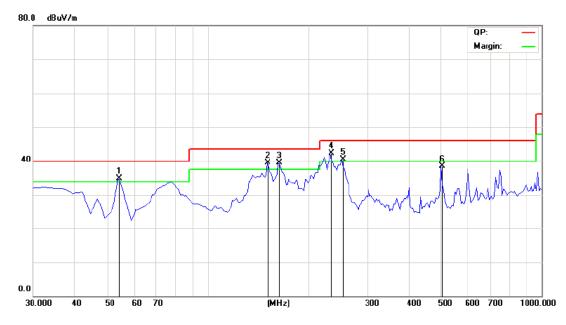
### **EUT Operating Environment**

Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition:** Run EMC Test Program, Ping LAN &Read USB

Note: Kingston (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	34.99	V	40.00
151.250	39.44	V	43.50
163.375	39.42	V	43.50
233.700	42.34	V	46.00
253.100	40.60	V	46.00
502.875	38.58	V	46.00

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.



## Radiated Disturbance (1000MHz----2000MHz)

### **EUT Operating Environment**

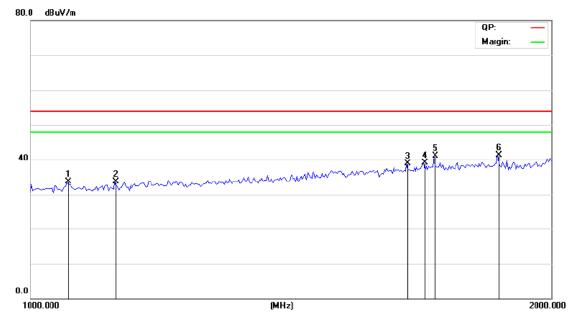
Temperature:25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Run EMC Test Program, Ping LAN & Read USB

Note: Kingston (memory)+Corsair (SSD)

**Equipment Level: Class B** 

**Results: Pass** 



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1050.000	33.78 (PK)	V	54.00 (AV)
1120.000	33.77 (PK)	V	54.00 (AV)
1652.500	38.95 (PK)	V	54.00 (AV)
1690.000	39.02 (PK)	V	54.00 (AV)
1712.500	41.03 (PK)	V	54.00 (AV)
1865.000	41.24 (PK)	V	54.00 (AV)

<sup>&</sup>quot;The report refers only to the sample tested and does not apply to the bulk production.

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#### 7.0 FCC Label

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location: On the product body

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- 7.0 Photo of testing
- Conducted test View--7.1



#### 7.2 Radiated emission test view--



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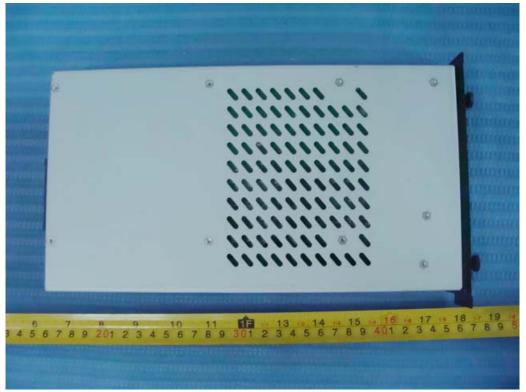
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#### Photo for the EUT





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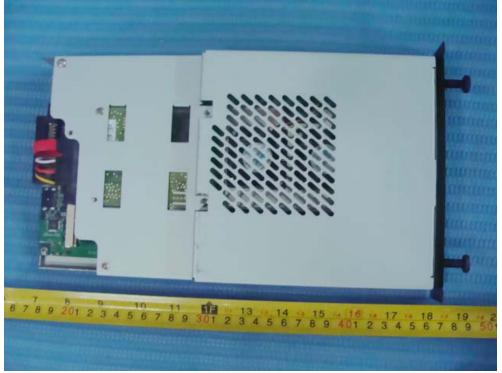
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## -End of the report-

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