

FCC/IC TEST REPORT

for

47 CFR, Part 15 Subpart E and IC RSS-210

Equipment : Notebook Computer

Trade Name : Fujitsu Siemens Computers, Fujitsu Limited

Model No. : Atheros + BT E8310

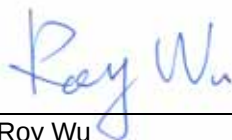
FCC ID : EJE-WB0049

IC ID : 337J-WB0049

Filing Type : Certification

Applicant : Fujitsu Limited
4-1-1 Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa,
211-8588, Japan

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- The data shown in this test report were carried out on Jun. 08, 2007 at **Sporton International Inc. LAB.**
- Report No.: FR6D2906-F, Report Version: 08.



Roy Wu
Deputy Manager

SPORTON International Inc.

6F, No.106, Sec. 1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

Report Version: 08

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History of this test report

Report Issue Date: Jun. 29, 2007

Report No.	Description

1. General Description of Equipment under Test

1.1 Applicant

Fujitsu Limited

4-1-1 Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, Japan

1.2 Manufacturer

Fujitsu Siemens Computers GmbH

Buergermeister-Ulrich-Str. 100, 86199 Augsburg, Germany

1.3 Basic Description of Equipment under Test

Equipment	: Notebook Computer
Trade Name	: Fujitsu Siemens Computers, Fujitsu Limited
Model No.	: Atheros + BT E8310
FCC ID	: EJE-WB0049
IC ID	: 337J-WB0049
AC Power Cord	: AC 120V, 2 meter, 2 pin

1.4 Feature of Equipment under Test

Product Feature & Specification				
1. DUT Type	Notebook Computer			
2. Trade Name	Fujitsu Siemens Computers, Fujitsu Limited			
3. Model Name	Atheros + BT E8310			
4. Freq. Range/Carrier Freqs.	802.11a : 5250 ~ 5350MHz (Band II) / 5470~5725MHz (New Band) 802.11b/g : 2400MHz ~ 2483.5MHz BT : 2400MHz ~ 2483.5MHz			
5. Carrier Frequency of each channel	802.11a Band II : 5000+n*5 MHz, n=52, 56, 60, 64 802.11b/g : 2412MHz+(n-1)*5MHz, n=1~11 BT : 2402MHz+n*1MHz, n=0~78			
6. Channel Spacing	802.11a : 20MHz 802.11b/g : 5MHz BT : 1MHz			
7. Type of Antenna Connector	I-PEX			
8. Antenna Type	PIFA Antenna			
9. Antenna Gain	3 dBi			
10. Maximum Output Power to Antenna (Normal condition)	802.11a : 13.23 dBm (Band II) / 13.66 dBm (New Band) 802.11b : 21.08 dBm / 802.11g: 23.97 dBm BT : 0.49 dBm (Normal) / 1.27 dBm (EDR)			
11. Modulation Type/Data Rate	802.11a : OFDM 802.11b/g : DSSS / OFDM BT : GFSK / ¼DQPSK / 8DPSK			
12. Function Type	Transmitter		Transceiver	V

2. Test Configuration of Equipment under Test

2.1 Test Manner

- a. The EUT has been associated with peripherals pursuant to ANSI C63.4-2003 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.
- b. Power Table as below:

Normal mode

Channel		Frequency(MHz)	Data Rate							
			6M bps	9M bps	12M bps	18M bps	24M bps	36M bps	48M bps	54M bps
	CH052	5260 MHz	13.05	13.02	12.93	13.47	13.56	13.51	13.48	13.6
	CH064	5320 MHz	13.23	12.94	13.18	13.04	13.14	13.18	12.92	13.07
	CH100	5500 MHz	13.66	13.22	13.55	13.64	13.37	13.55	13.43	13.09
	CH120	5600 MHz	12.11	12.15	12.26	12.37	12.12	12.36	12.45	12.37
	CH140	5700 MHz	11.88	12.06	12	11.93	11.98	11.83	12.07	11.91

Turbo mode

Channel		Frequency(MHz)	Data Rate							
			12M bps	18M bps	24M bps	36M bps	48M bps	72M bps	96M bps	108M bps
	CH058	5300 MHz	12.67	12.91	12.46	12.91	12.93	12.74	12.82	12.69
	CH108	5540 MHz	13.06	12.79	12.37	12.65	12.11	12.88	12.81	12.05
	CH124	5620 MHz	12.68	11.95	11.97	12.04	12.21	12.53	11.95	12.31
	CH132	5660 MHz	13.11	12.43	12.52	12.78	12.68	12.49	12.4	12.63

- c. The data rates, 6Mbps, was chosen to being tested in normal mode, and 12Mbps was chosen to being tested in turbo mode, due to the highest RF output power.
- d. The complete test system refers to section 2.2 and EUT for EMI test.
- e. The EUT can operate on 5150MHz to 5250MHz, 5250MHz to 5350MHz and 5470MHz to 5725MHz as listed in section 1.4.

f. Test Mode for radiated emission and conducted emission:

Radiated Emission	Mode 1: Tx_CH052_5260 MHz
	Mode 2: Tx_CH064_5320 MHz
	Mode 3: Tx_CH100_5500 MHz
	Mode 4: Tx_CH120_5600 MHz
	Mode 5: Tx_CH140_5700 MHz
	Mode 6: Tx_Ch050_5250 MHz(Turbo mode)
	Mode 7: Tx_Ch058_5290 MHz(Turbo mode)
	Mode 8: Tx_Ch108_5540 MHz(Turbo mode)
	Mode 9: Tx_Ch124_5620 MHz(Turbo mode)
	Mode 10: Tx_Ch132_56600 MHz(Turbo mode)
Conducted Emission	Mode 1: BT Link + WLAN Link Mode + Adapter

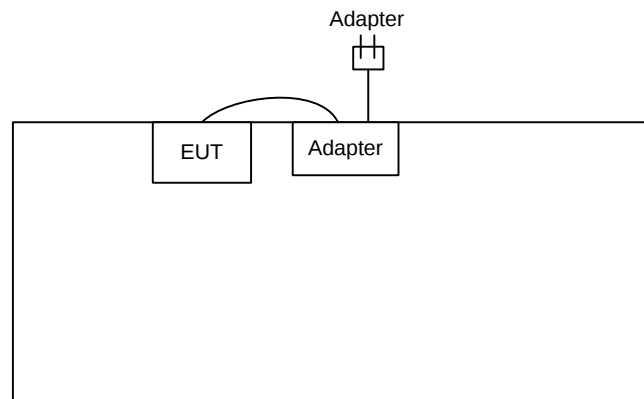
g. Frequency range investigated: conduction 150 KHz to 30 MHz, radiation 30 MHz to 40000MHz.

2.2 Description of Test System

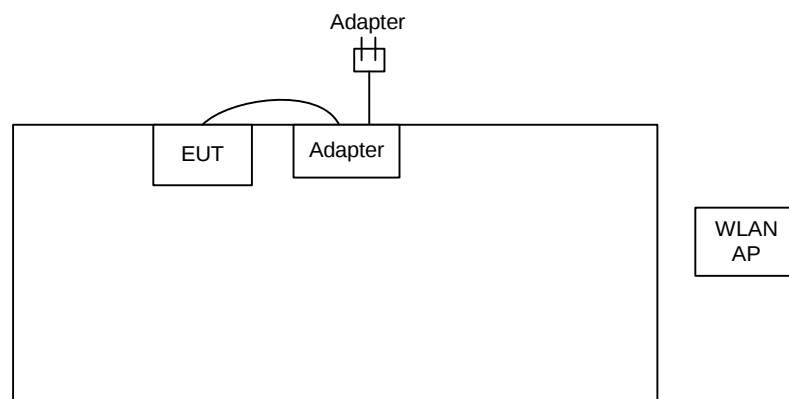
Item	Asset	Model Name	FCC ID	Power Cord
1.	Notebook	D400	E2K24GBRL	1.2m
2.	WLAN AP (SMC)	SMC-100	HEDWG4005ACC	1.8m
3.	Bluetooth Earphone	ET-BH111	PQY471087	N/A

2.3 Connection Diagram of Test System

<Radiated Emission>



<Conducted Emission>



3. Operation of Equipment under Test

During the test, the following programs on WINXP were executed:

one self test program "EMCTest.exe" and "art" to keep transmitting signals to WLAN, and "Bluetset3" to keep transmitting signal to Bluetooth.

4. General Information of Test

Test Site Location : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park,
Kwei-Shan Hsiag, Tao Yuan Hsien, Taiwan, R.O.C.
TEL : 886-3-327-3456
FAX : 886-3-318-0055
Test Site No : CO04-HY, 03CH06-HY, 03CH04-HY

4.1 Test Voltage

120V/ 60Hz

4.2 Standard for Methods of Measurement

ANSI C63.4-2003

4.3 Test in Compliance with

FCC Part 15, Subpart E and IC RSS-210

4.4 Frequency Range Investigated

- a. Conduction: from 150 kHz to 30 MHz
- b. Radiation: from 9KHz to 40GHz

4.5 Test Distance

The test distance of radiated emission from antenna to EUT is 3 M.

5. Report of Measurements and Examinations

5.1 List of Measurements and Examinations

FCC Rule	Description of Test	Result
15.407(b)(5)	Conducted Emission	Pass
15.407(a)(1)(2)	Peak Transmit Power	Pass
15.407(b)(1)(2)(5)	Radiated Emission	Pass
15.407(a)(1)(2)	Power Spectral Density	Pass
15.407(b)(1)(2)	Band Edges Measurement	Pass
15.407(a)(1)(2)	Antenna Requirement	Pass
15.407(a)(6)	Peak Excursion Ratio Measurement	Pass
15.407(c)	Automatically Discontinue Transmission	Pass

5.2 Emission Bandwidth

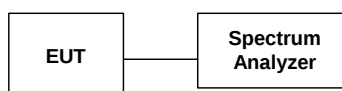
5.2.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.2.2 Test Procedure :

The transmitter output is connected to the spectrum analyzer. For these tests, the resolution bandwidth is 1 MHz, video bandwidth is 3MHz, peak detection and view function is used. The 26 dB bandwidth is defined as the frequency range where the power is higher than the peak power minus 26 dB.

Test Setup Layout :



5.2.3 Test Result :

- Temperature : 26
- Relative Humidity :59%

➤ Application: 802.11a Normal mode

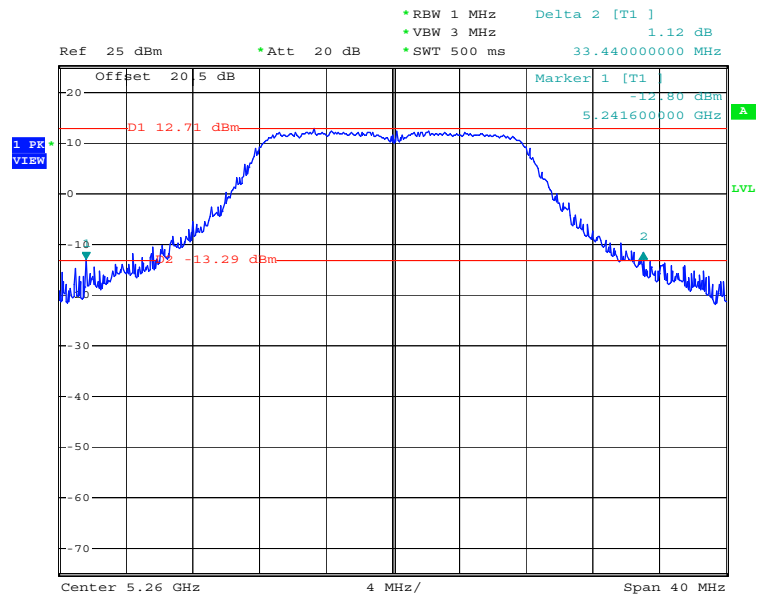
Channel	Frequency (MHz)	26dB Emission bandwidth (MHz)	Mode Ref. No.
52	5260	33.44	1
64	5320	34.88	2
100	5500	34.40	3
120	5600	28.72	4
140	5700	33.44	5

➤ Application: 802.11a Turbo mode

Channel	Frequency (MHz)	26dB Emission bandwidth (MHz)	Mode Ref. No.
58	5300	55.68	6
108	5540	56.16	7
124	5620	56.32	8
132	5660	56.48	9

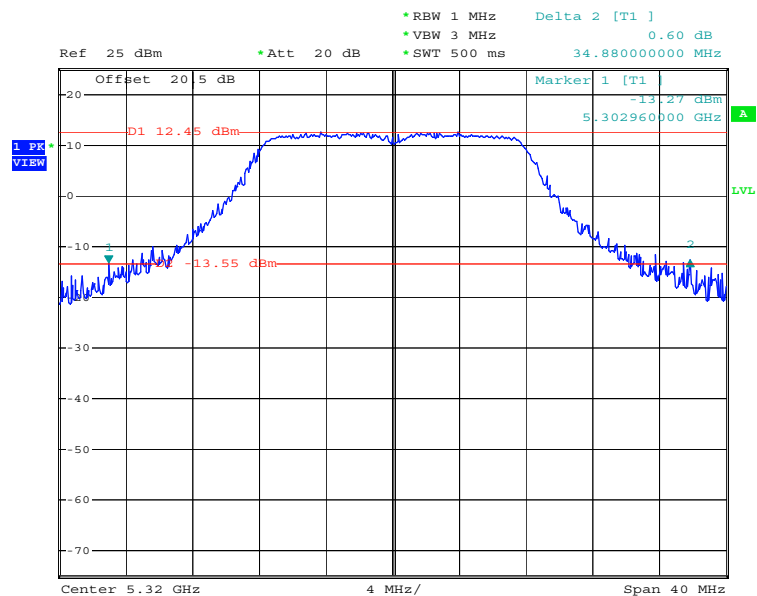
5.2.4 Test Data

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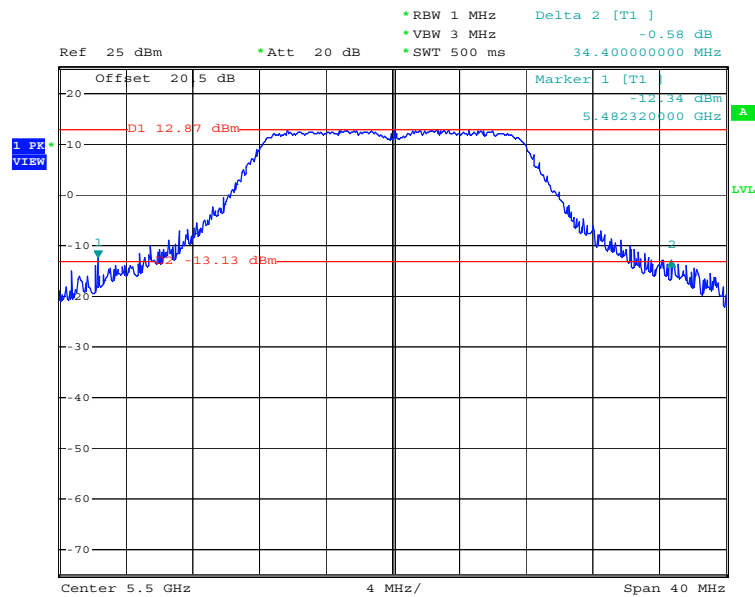
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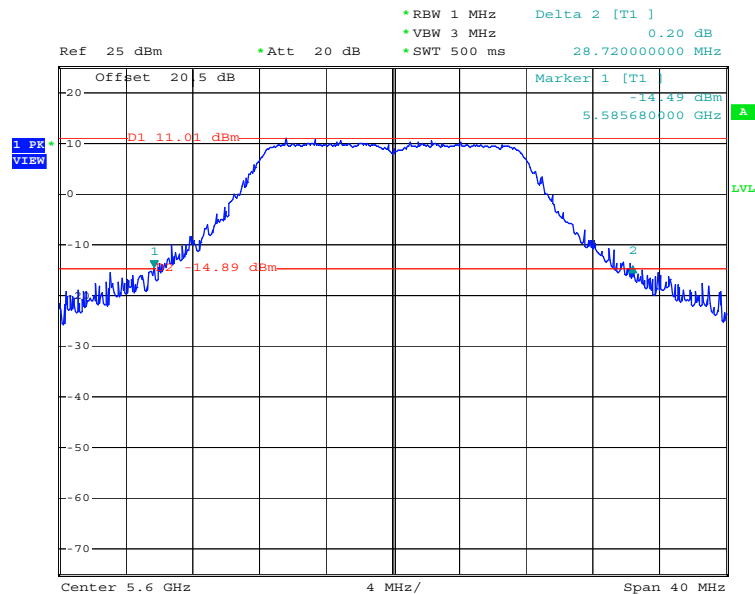
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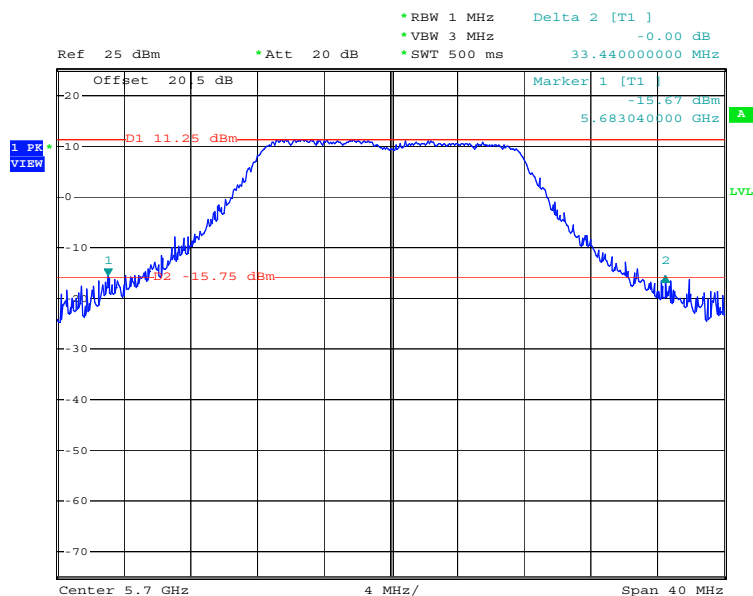
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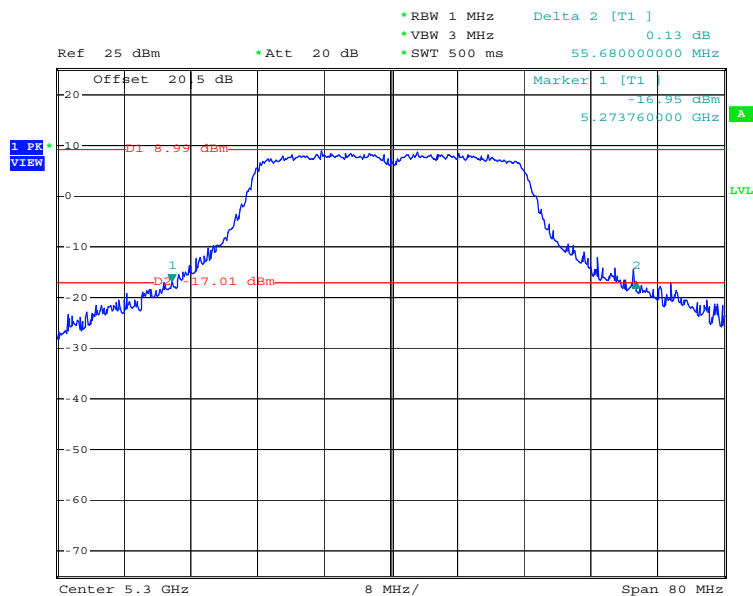
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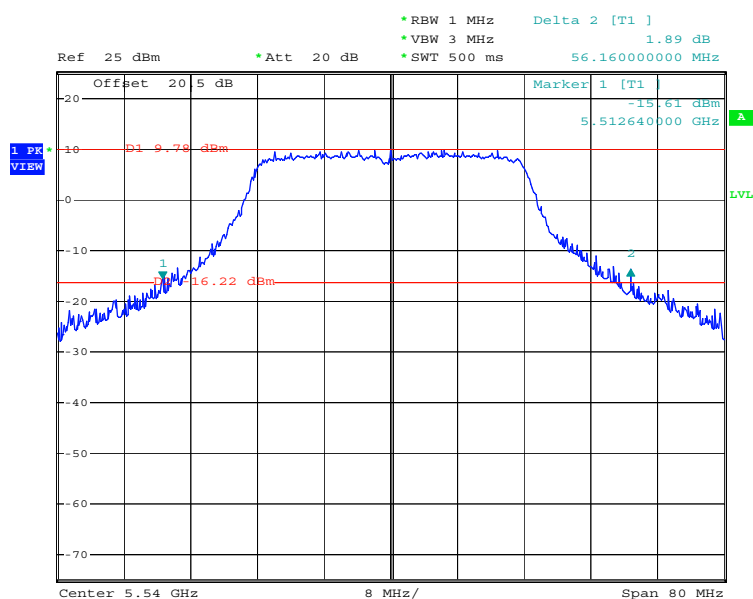
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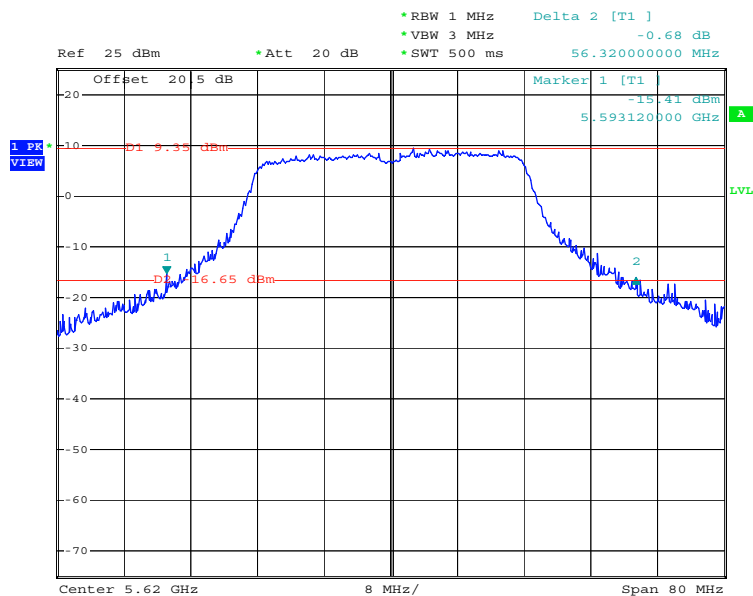
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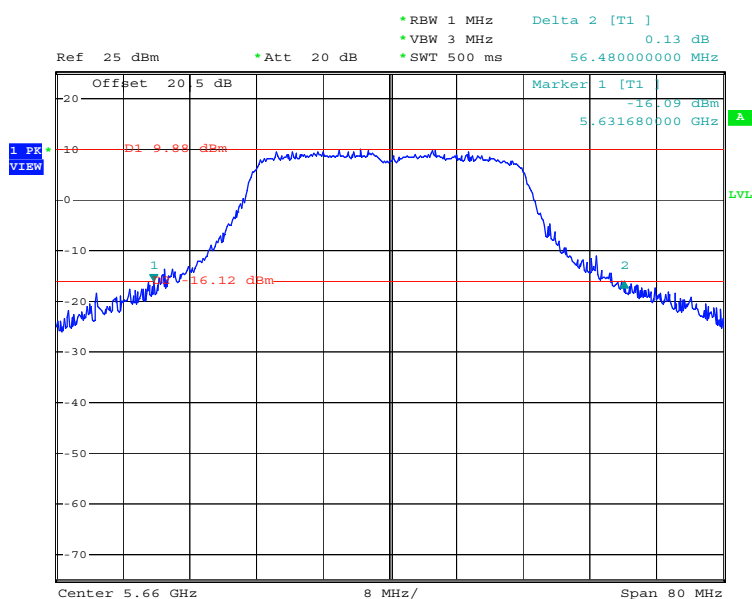


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Date: 7.JUN.2007 17:34:31



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5.3 Peak Transmit Power

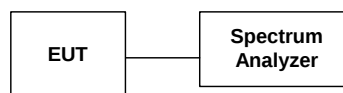
5.3.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.3.2 Test Procedure :

The transmitter output is connected to the spectrum analyzer. According to the method 1 of DA-02-2138, the resolution bandwidth is set to 1 MHz, video bandwidth is 3MHz, trace average 100 traces in power averaging mode, and sample detection is used. The peak power is measured by channel power integration over the previously measured emissions bandwidth..

5.3.3 Test Setup Layout :



5.3.4 Test Result :

- Temperature : 26
- Relative Humidity :59%

➤ Application: 802.11a Normal mode

Channel	Frequency (MHz)	Measured Output Power (dBm)	Limits (dBm)	Mode Ref. No.
52	5260	13.05	24.00	1
64	5320	13.23	24.00	2
100	5500	13.66	24.00	3
120	5600	12.11	24.00	4
140	5700	11.88	24.00	5

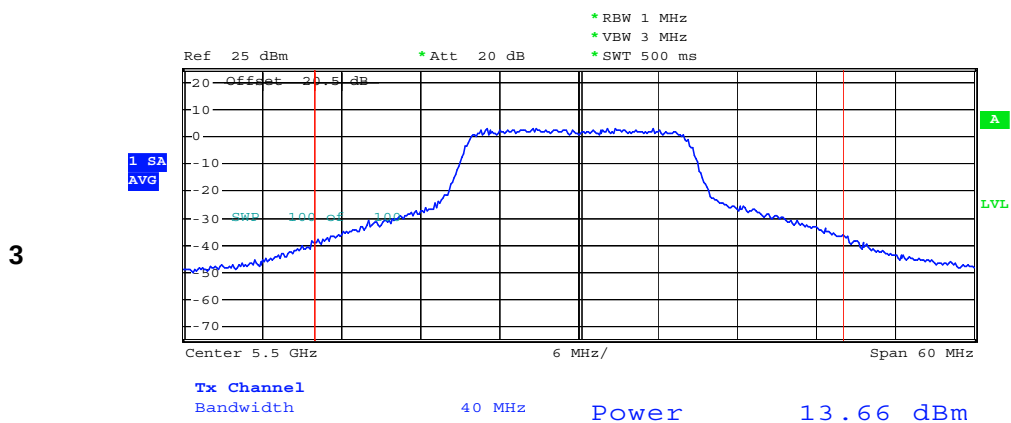
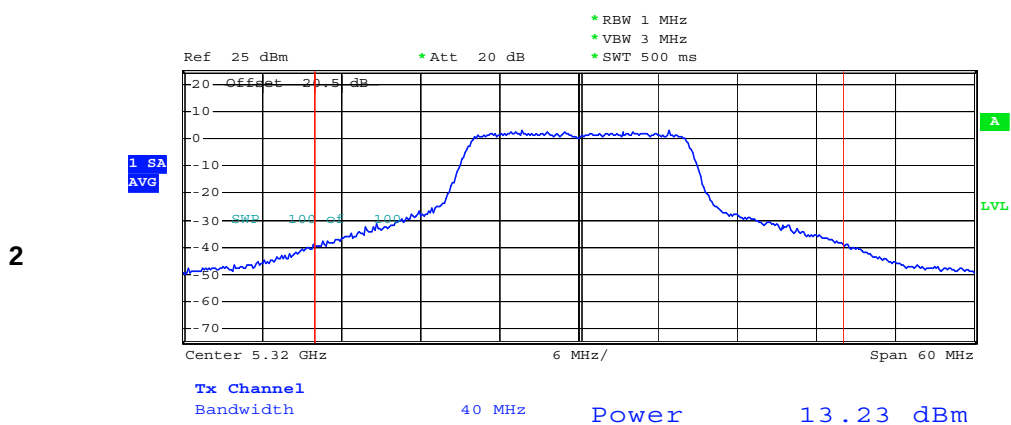
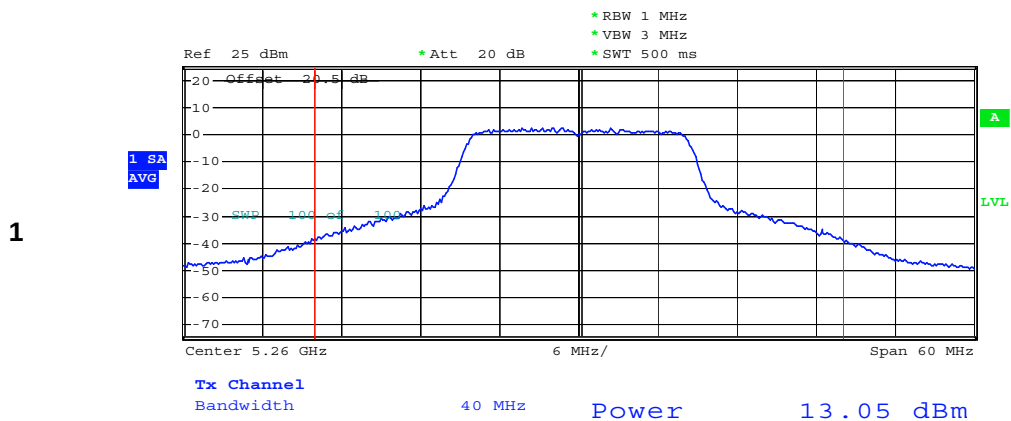
➤ Application: 802.11a Turbo mode

Channel	Frequency (MHz)	Measured Output Power (dBm)	Limits (dBm)	Mode Ref. No.
58	5290	12.67	24.00	6
108	5540	14.05	24.00	7
124	5620	12.68	24.00	8
132	5660	13.11	24.00	9

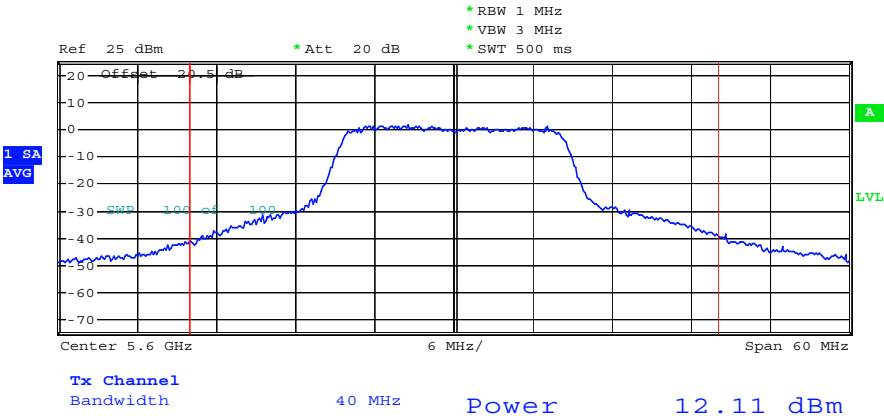
Comments : The peak transmit power shall not exceed the lesser of 17dBm or 4dBm+10logB in 5150~5250 band.
24dBm+10logB in 5250~5350, 5470~5725 band

Normal mode: 5260MHz 11dBm + 10log(33.44 MHz) = 26.24 dBm
5320MHz 11dBm + 10log(34.88 MHz) = 26.43 dBm
5500MHz 11dBm + 10log(34.40 MHz) = 26.37 dBm
5600MHz 11dBm + 10log(28.72 MHz) = 25.58 dBm
5700MHz 11dBm + 10log(33.44 MHz) = 26.24 dBm
Turbo mode: 5300MHz 11dBm + 10log(55.68 MHz) = 28.46 dBm
5540MHz 11dBm + 10log(56.16 MHz) = 28.49 dBm
5620MHz 11dBm + 10log(56.32 MHz) = 28.51 dBm
5660MHz 11dBm + 10log(56.48 MHz) = 28.52 dBm

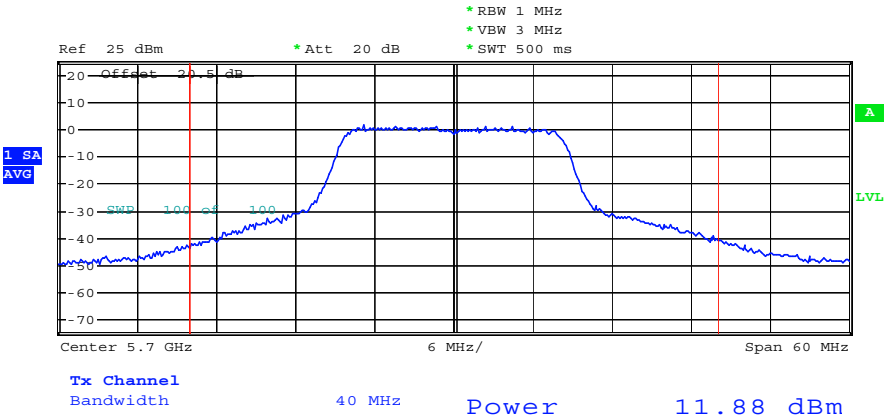
5.3.5 Test Data



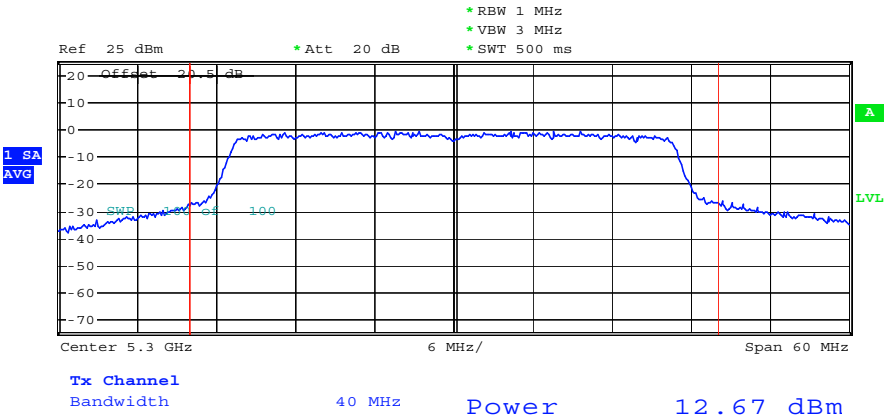
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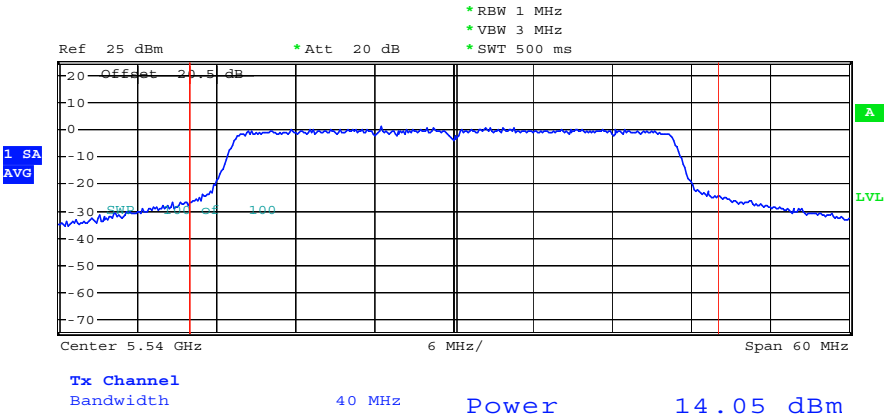
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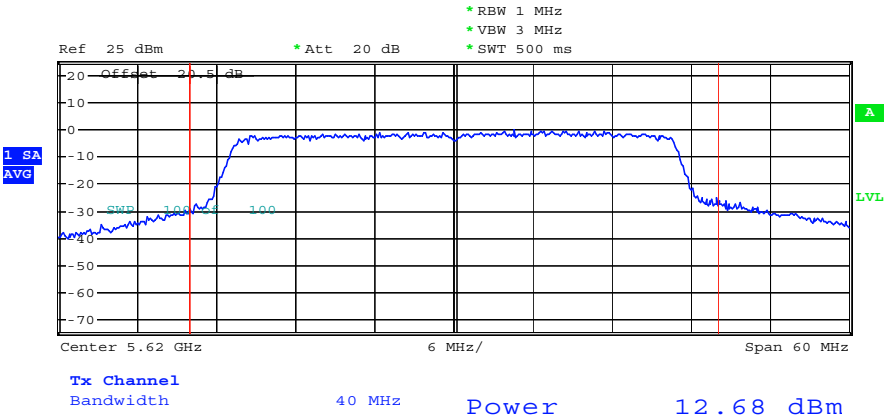
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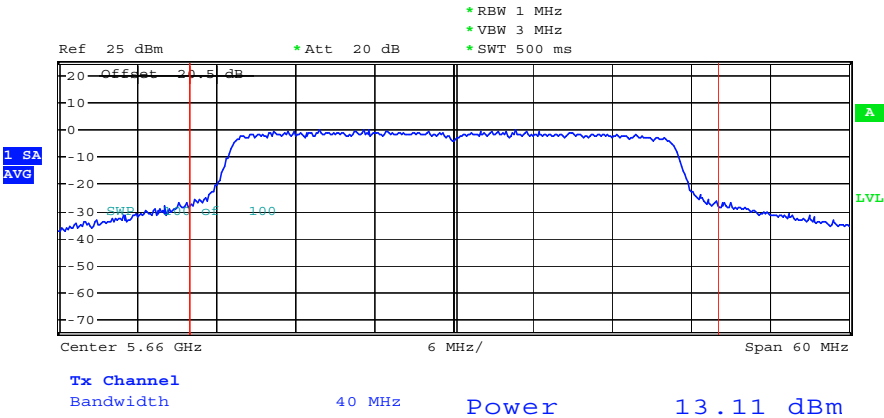
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8



9



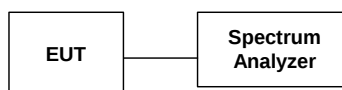
5.4 Peak Power Spectral Density

5.4.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.4.2 Test Procedure :

The transmitter output is connected to the spectrum analyzer. According to the method 3 of DA-02-2138, the resolution bandwidth is set to 1 MHz, video bandwidth is 3MHz, trace average 100 traces in power averaging mode, and sample detection is used, and the analyzer is set for video averaging.



5.4.3 Test Result :

- Temperature : 26
- Relative Humidity :59%

➤ Application: 802.11a Normal mode

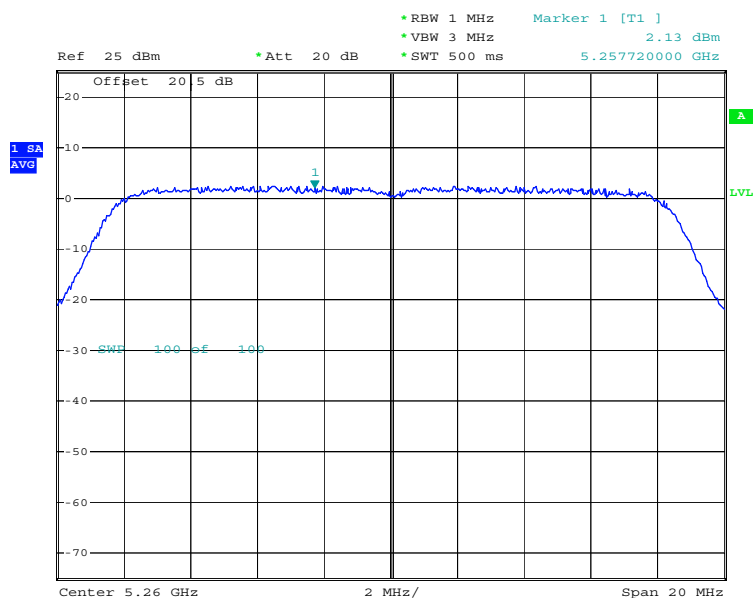
Channel	Frequency (MHz)	Power Spectral Density	Limits	Mode
		(dBm)	(dBm)	Ref. No.
52	5260	2.13	11	1
64	5320	2.50	11	2
100	5500	3.39	11	3
120	5600	1.48	11	4
140	5700	1.91	11	5

➤ Application: 802.11a Turbo mode

Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)	Mode Ref. No.
50	5250	-0.52	11	6
58	5290	-0.68	11	7
108	5540	0.94	11	8
124	5620	0.27	11	9
132	5660	0.22	11	10

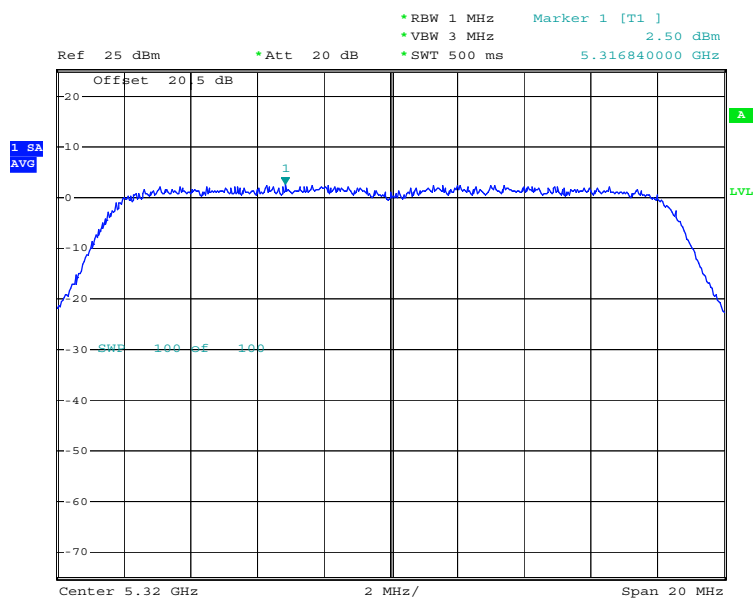
5.4.4 Test Data

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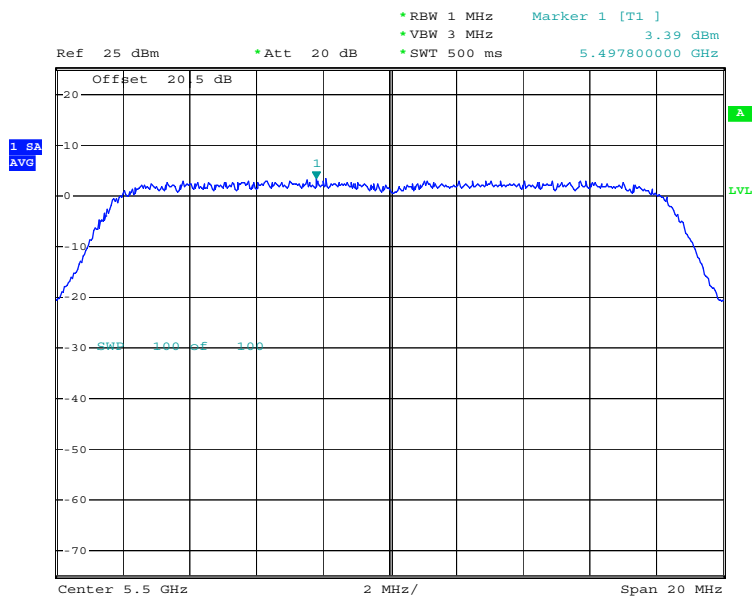
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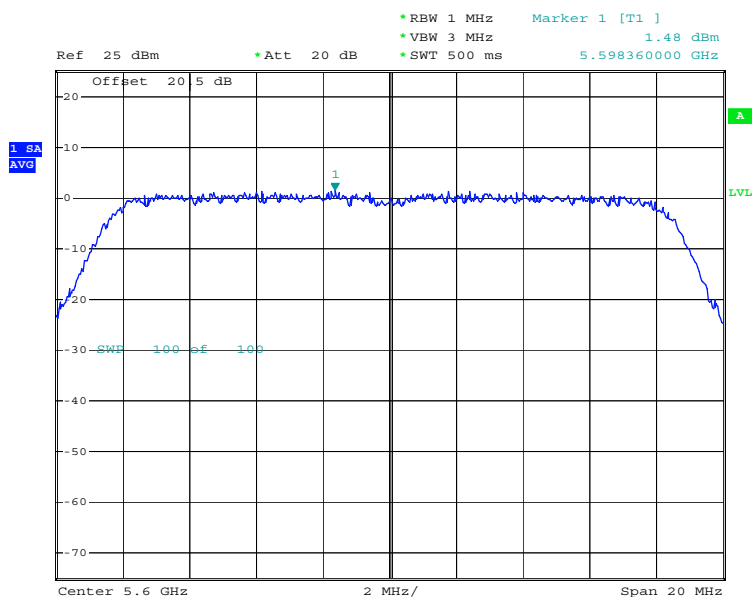
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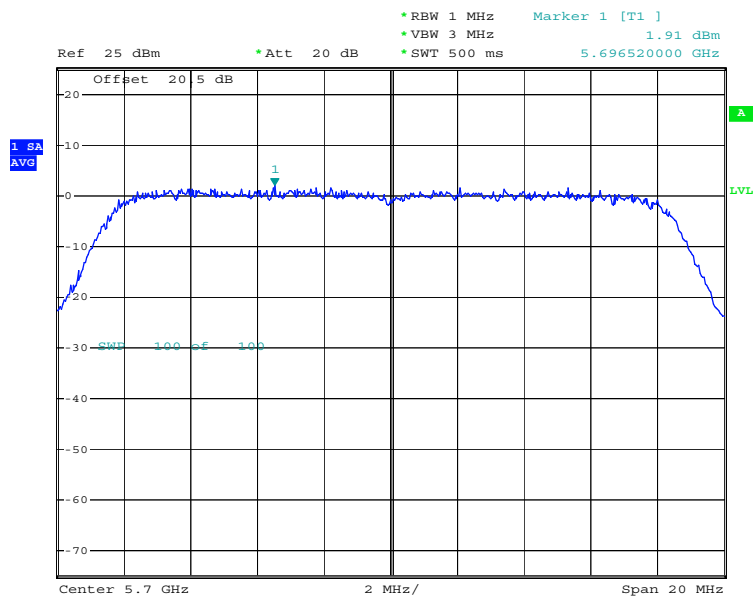
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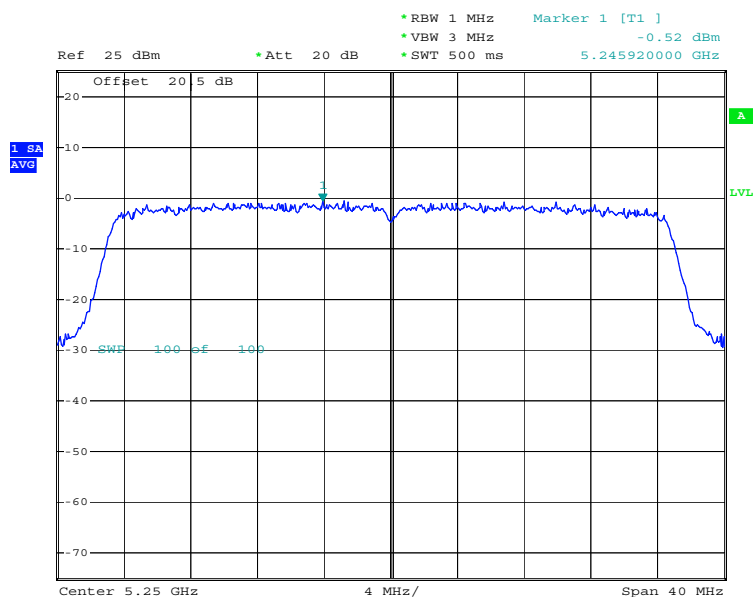
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5



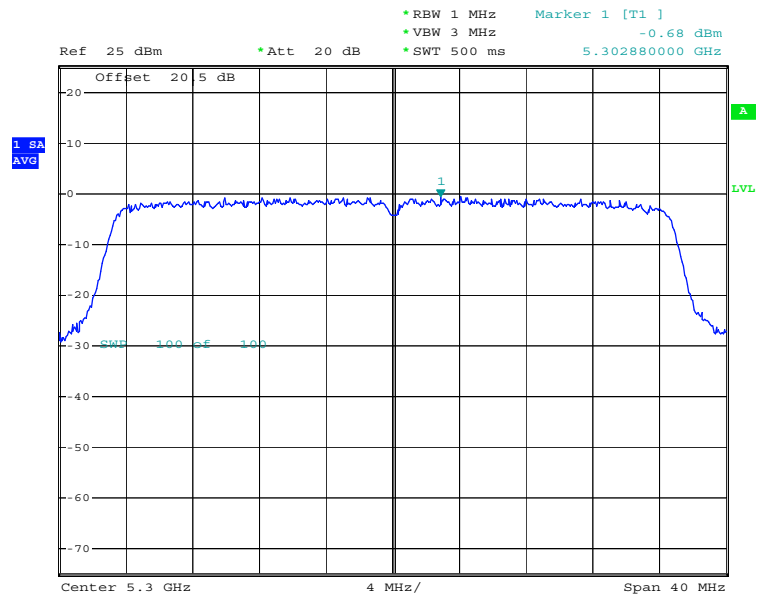
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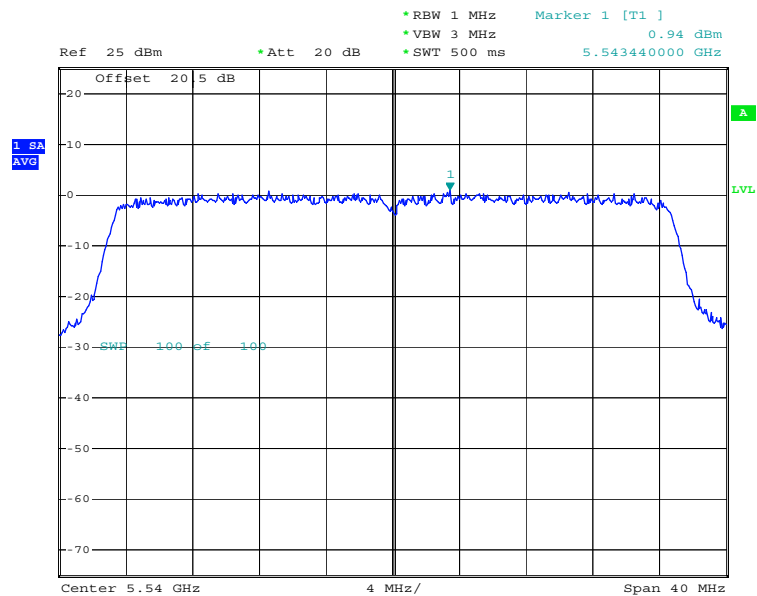
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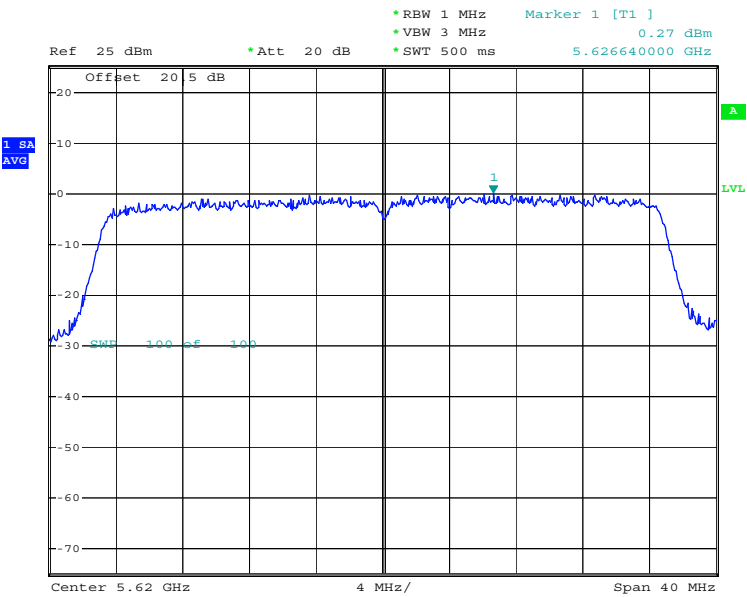
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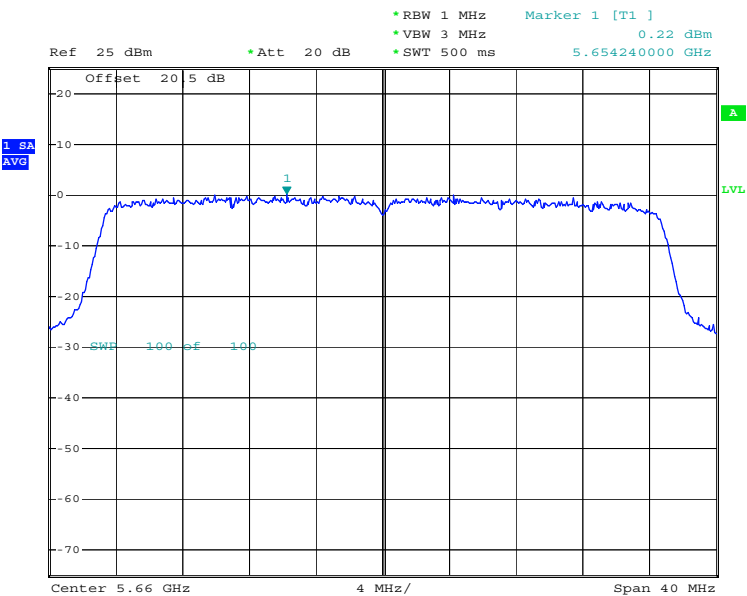
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9



Date: 7.JUN.2007 17:39:23

10



Date: 7.JUN.2007 17:38:07

5.5 Test of Conducted Emission

As described in chapter 6 of this test report.

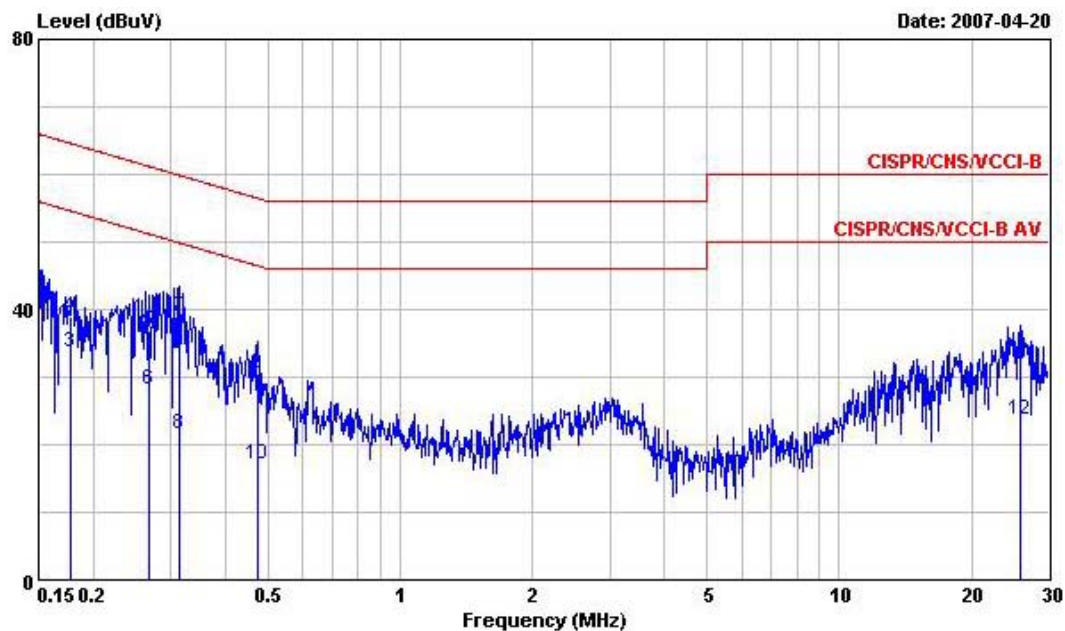
5.5.1 Test Procedures :

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power port of a line impedance stabilization network (LISN).
3. All the support units are connected to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

5.5.2 Test Data

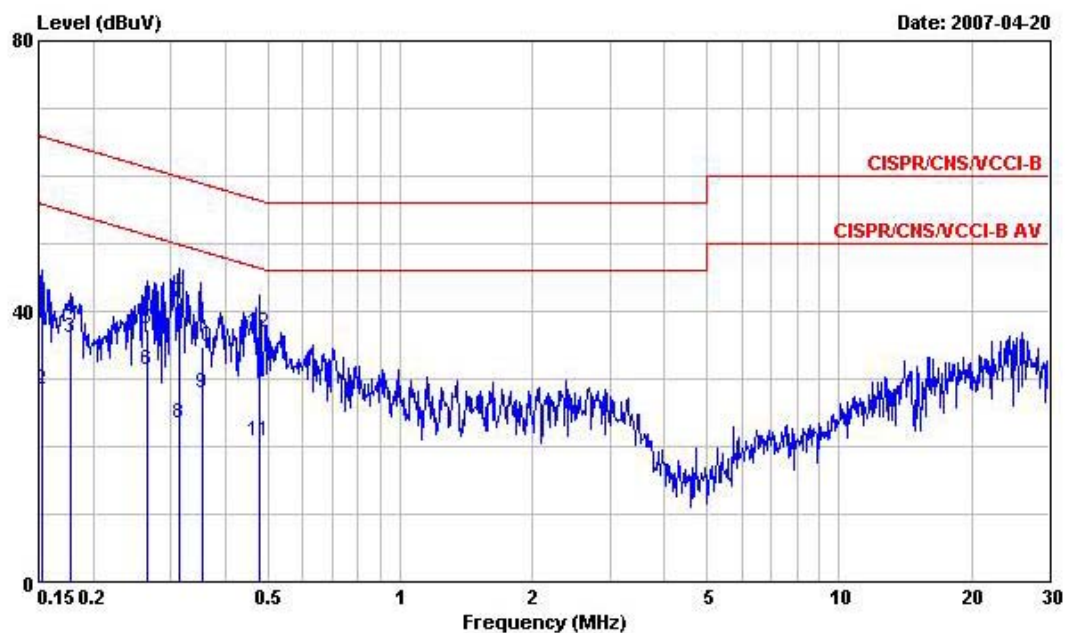
- Frequency Range of Test : 150kHz to 30 MHz
- Test Mode : Mode 1
- Temperature : 23 °C
- Relative Humidity : 47 %
- Test Engineer : James

■ The test that passed at minimum margin was marked by the frame in the following table.



Site : CO04-HY
 Condition : CISPR/CNS/VCCI-B LISN 200604 99041 LINE
 EUT : Notebook
 POWER: AC 120V/60Hz
 Model : FR6D2906
 Memo : BT Link + WLAN Link + Adapter

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1500000	29.02	-26.98	56.00	28.22	0.10	0.70	Average
2	0.1500000	42.06	-23.94	66.00	41.26	0.10	0.70	QP
3	0.1773960	33.77	-20.84	54.61	33.09	0.10	0.58	Average
4	0.1773960	38.96	-25.65	64.61	38.28	0.10	0.58	QP
5	0.2667270	36.89	-24.33	61.22	36.33	0.10	0.46	QP
6	0.2667270	28.09	-23.13	51.22	27.53	0.10	0.46	Average
7	0.3149460	38.94	-20.90	59.84	38.44	0.10	0.40	QP
8	0.3149460	21.65	-28.19	49.84	21.15	0.10	0.40	Average
9	0.4736030	30.63	-25.82	56.45	30.08	0.10	0.45	QP
10	0.4736030	17.15	-29.30	46.45	16.60	0.10	0.45	Average
11	25.730	32.15	-27.85	60.00	30.91	0.32	0.92	QP
12	25.730	23.71	-26.29	50.00	22.47	0.32	0.92	Average



Site : CO04-HY
 Condition : CISPR/CNS/VCCI-B LISN 200604 99041 NEUTRAL
 EUT : Notebook
 POWER: AC 120V/60Hz
 Model : FR6D2906
 Memo : GSM Idle + BT Link + WLAN Link + Adapter

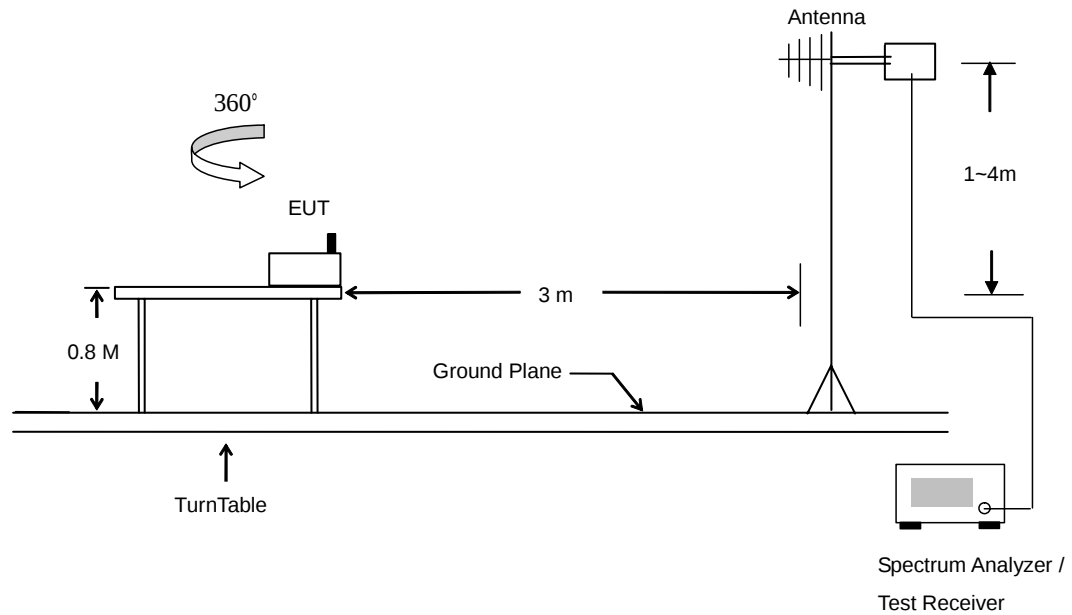
	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1524030	41.38	-24.49	65.87	40.59	0.10	0.69	QP
2	0.1524030	28.46	-27.41	55.87	27.67	0.10	0.69	Average
3	0.1767760	36.11	-18.53	54.64	35.42	0.10	0.59	Average
4	0.1767760	38.65	-25.99	64.64	37.96	0.10	0.59	QP
5	0.2658290	37.24	-24.01	61.25	36.67	0.10	0.47	QP
6	0.2658290	31.44	-19.81	51.25	30.87	0.10	0.47	Average
7	0.3149460	41.36	-18.48	59.84	40.86	0.10	0.40	QP
8	0.3149460	23.33	-26.51	49.84	22.83	0.10	0.40	Average
9	0.3558320	27.81	-21.02	48.83	27.31	0.10	0.40	Average
10	0.3558320	34.86	-23.97	58.83	34.36	0.10	0.40	QP
11	0.4761190	20.88	-25.53	46.41	20.34	0.10	0.44	Average
12	0.4761190	36.94	-19.47	56.41	36.40	0.10	0.44	QP

5.6 Test of Radiated Emission

As described in chapter 6 of this test report.

5.6.1 Test Procedures

- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- e. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. For testing below 1GHz, If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the quasi-peak method and reported.
- h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

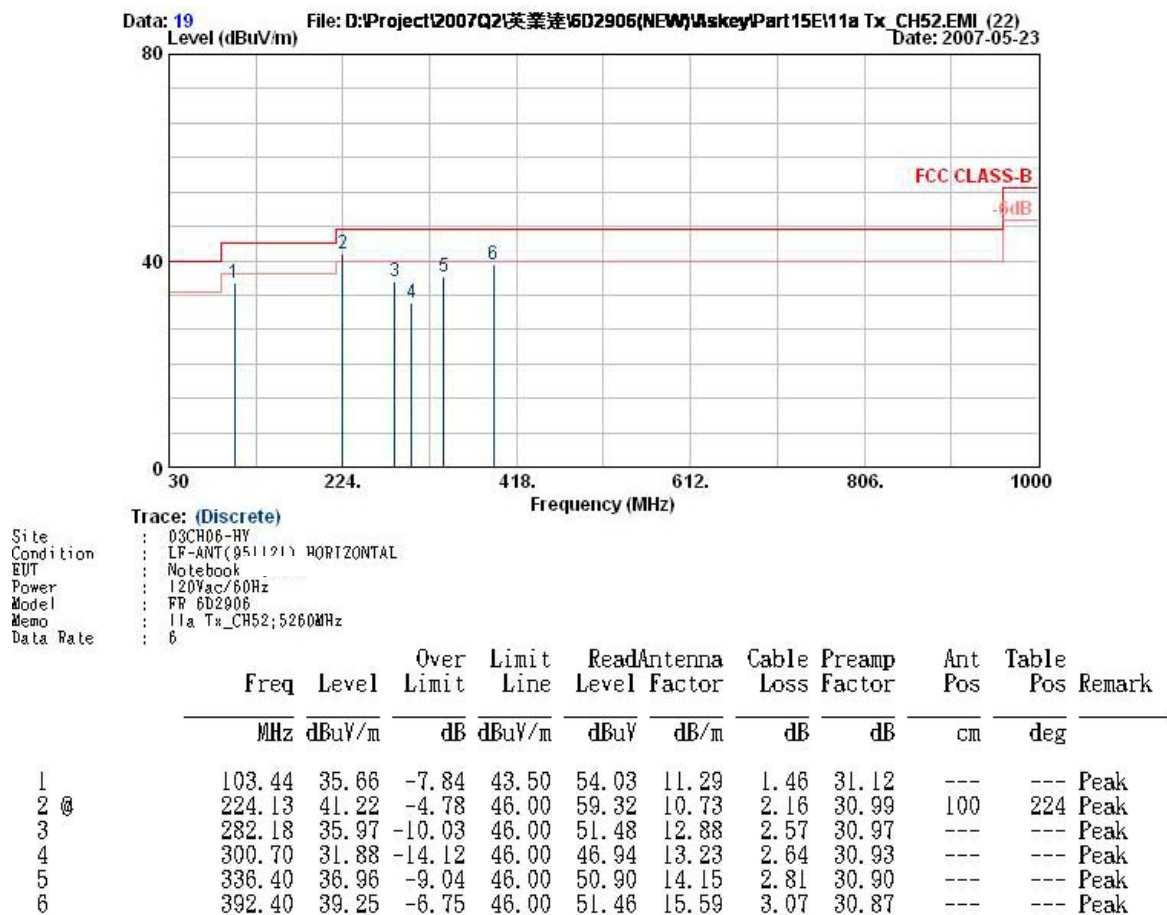
5.6.2 Typical Test Setup Layout of Radiated Emission

5.6.3 Test Data

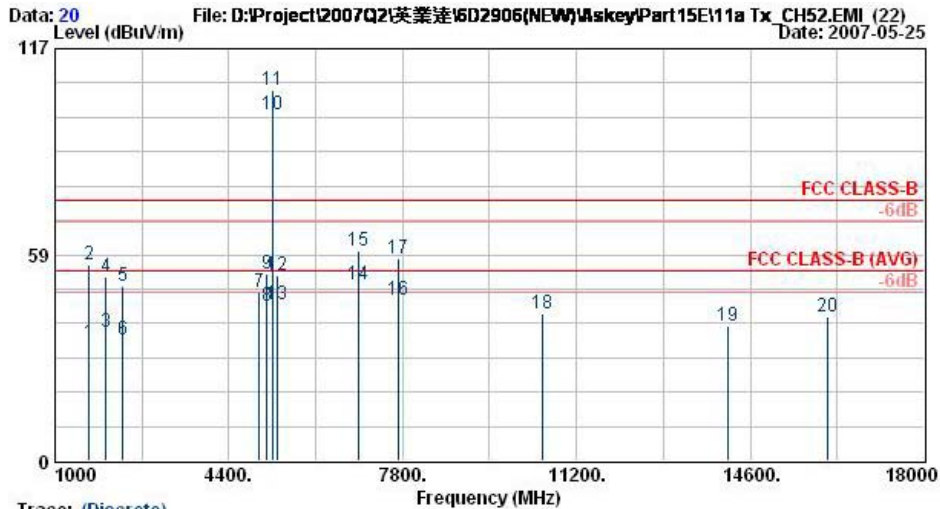
➤ Test Mode : Mode 1

- Temperature : 26
- Relative Humidity :54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



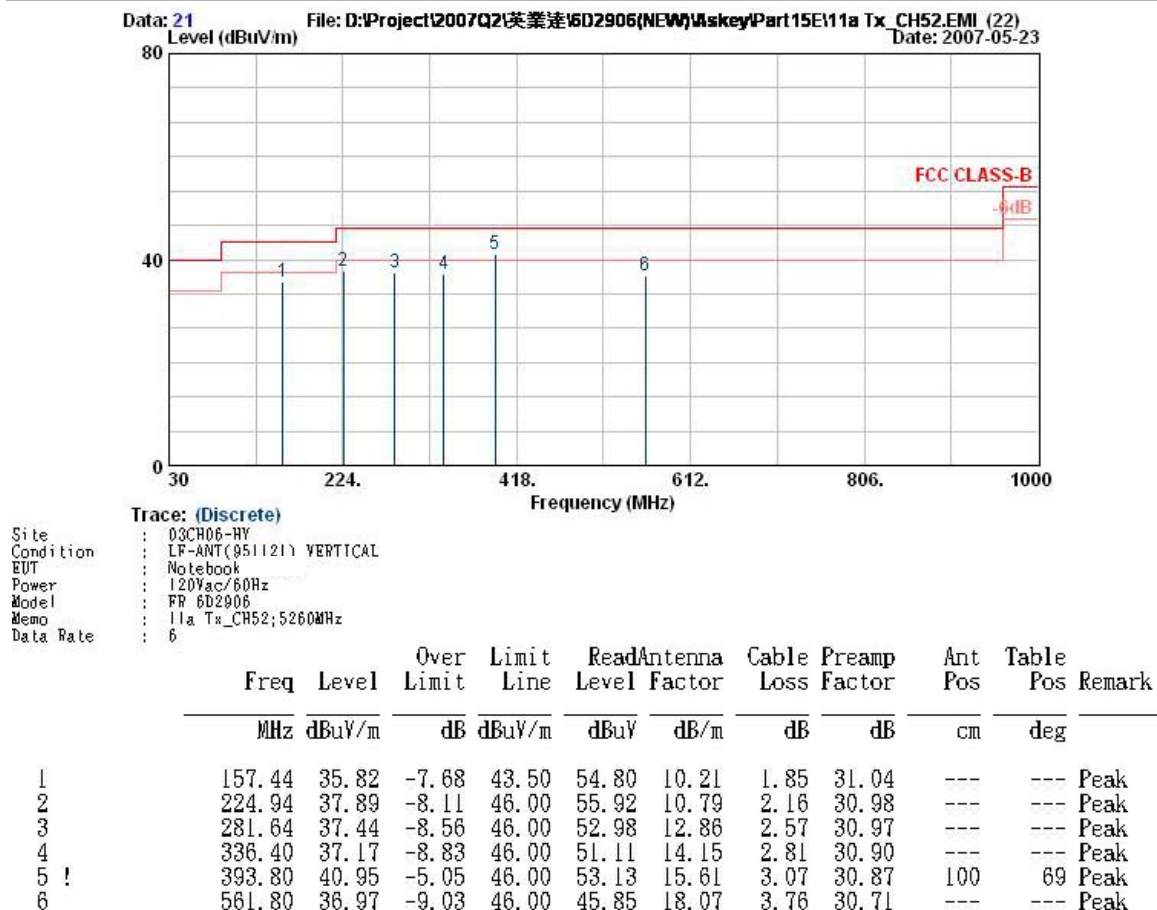
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1664.00	33.53	-20.47	54.00	38.60	27.43	3.03	35.53	100	260 Average
2	1664.00	55.67	-18.33	74.00	60.74	27.43	3.03	35.53	---	---
3	1994.00	36.50	-17.50	54.00	38.40	29.97	3.30	35.17	100	98 Average
4	1994.00	51.98	-22.02	74.00	53.88	29.97	3.30	35.17	---	---
5	2328.00	49.74	-24.26	74.00	51.23	30.23	3.69	35.40	---	---
6	2328.00	34.21	-19.79	54.00	35.70	30.23	3.69	35.40	100	326 Average
7	4994.00	47.75	-26.25	74.00	44.47	33.60	5.96	36.28	---	---
8	5150.00	44.08	-9.92	54.00	40.46	33.60	6.21	36.19	142	239 Average
9	5150.00	53.08	-20.92	74.00	49.46	33.60	6.21	36.19	100	0 Peak
10 @	5260.00	98.18			94.30	33.60	6.42	36.14	142	239 Average
11 @	5260.00	105.33			101.44	33.60	6.42	36.14	100	0 Peak
12	5350.00	52.80	-21.20	74.00	48.69	33.60	6.59	36.08	100	0 Peak
13	5350.00	44.23	-9.77	54.00	40.12	33.60	6.59	36.08	142	239 Average
14 @	6938.00	50.03	-3.97	54.00	40.50	37.43	7.84	35.74	100	114 Average
15	6938.00	59.80	-14.20	74.00	50.27	37.43	7.84	35.74	100	0 Peak
16	7728.00	45.73	-8.27	54.00	34.77	39.23	7.69	35.96	100	169 Average
17	7728.00	57.36	-16.64	74.00	46.40	39.23	7.69	35.96	---	---
18	10521.00	41.65	-32.35	74.00	77.24	-8.49	9.50	36.60	---	---
19	14157.00	38.44	-35.56	74.00	67.88	-6.26	11.66	34.84	---	---
20	16101.00	40.84	-33.16	74.00	69.42	-5.14	11.79	35.24	---	---

Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

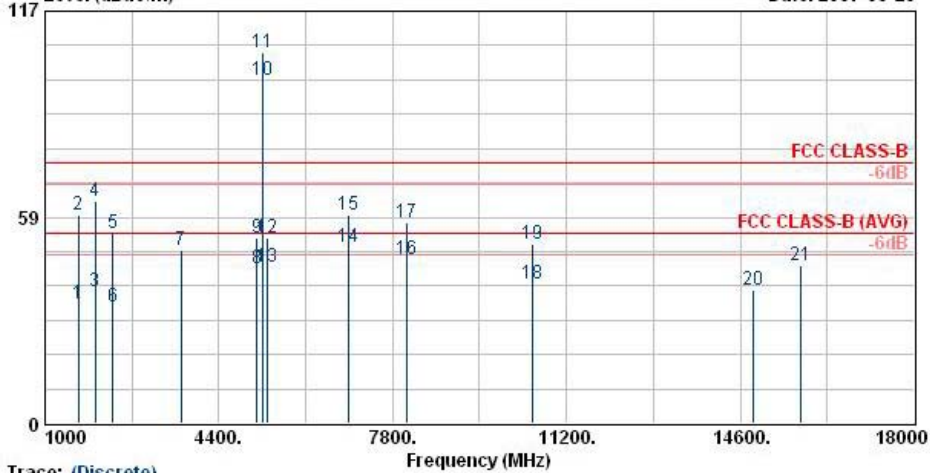
- Polarization : Vertical

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 22 File: D:\Project\2007Q2\英業達\6D2906(NEW)\Askey\Part15E\11a Tx_CH52.EMI (22)
 Level (dBuV/m) Date: 2007-05-25



Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH52;5260MHz
 Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1658.00	33.73	-20.27	54.00	38.80	27.43	3.03	35.53	100	288	Average
2	1658.00	59.36	-14.64	74.00	64.43	27.43	3.03	35.53	---	---	Peak
3	1988.00	37.50	-16.50	54.00	39.40	29.97	3.30	35.17	100	333	Average
4	1988.00	63.07	-10.93	74.00	64.97	29.97	3.30	35.17	---	---	Peak
5	2324.00	53.73	-20.27	74.00	55.21	30.23	3.69	35.40	---	---	Peak
6	2324.00	33.01	-20.99	54.00	34.50	30.23	3.69	35.40	100	255	Average
7	3664.00	48.99	-25.01	74.00	49.58	30.28	4.77	35.64	---	---	Peak
8	5150.00	43.97	-10.03	54.00	40.35	33.60	6.21	36.19	100	324	Average
9	5150.00	52.42	-21.58	74.00	48.80	33.60	6.21	36.19	100	0	Peak
10 @	5260.00	97.54	---	---	93.66	33.60	6.42	36.14	100	324	Average
11 @	5264.00	105.11	---	---	101.23	33.60	6.42	36.14	100	0	Peak
12	5350.00	52.75	-21.25	74.00	48.64	33.60	6.59	36.08	100	0	Peak
13	5350.00	44.39	-9.61	54.00	40.28	33.60	6.59	36.08	100	324	Average
14 @	6948.00	50.09	-3.91	54.00	40.47	37.52	7.84	35.74	100	225	Average
15	6948.00	59.29	-14.71	74.00	49.66	37.52	7.84	35.74	100	0	Peak
16	8068.00	46.33	-7.67	54.00	34.80	39.54	7.87	35.89	100	241	Average
17	8068.00	57.19	-16.81	74.00	45.66	39.54	7.87	35.89	---	---	Peak
18	10520.00	39.62	-14.38	54.00	75.21	-8.49	9.50	36.60	100	172	Average
19	10520.00	50.83	-23.17	74.00	86.42	-8.49	9.50	36.60	100	0	Peak
20	14841.00	37.90	-36.10	74.00	68.68	-6.33	11.42	35.87	---	---	Peak
21	15771.00	44.64	-29.36	74.00	76.49	-5.51	11.56	37.90	---	---	Peak

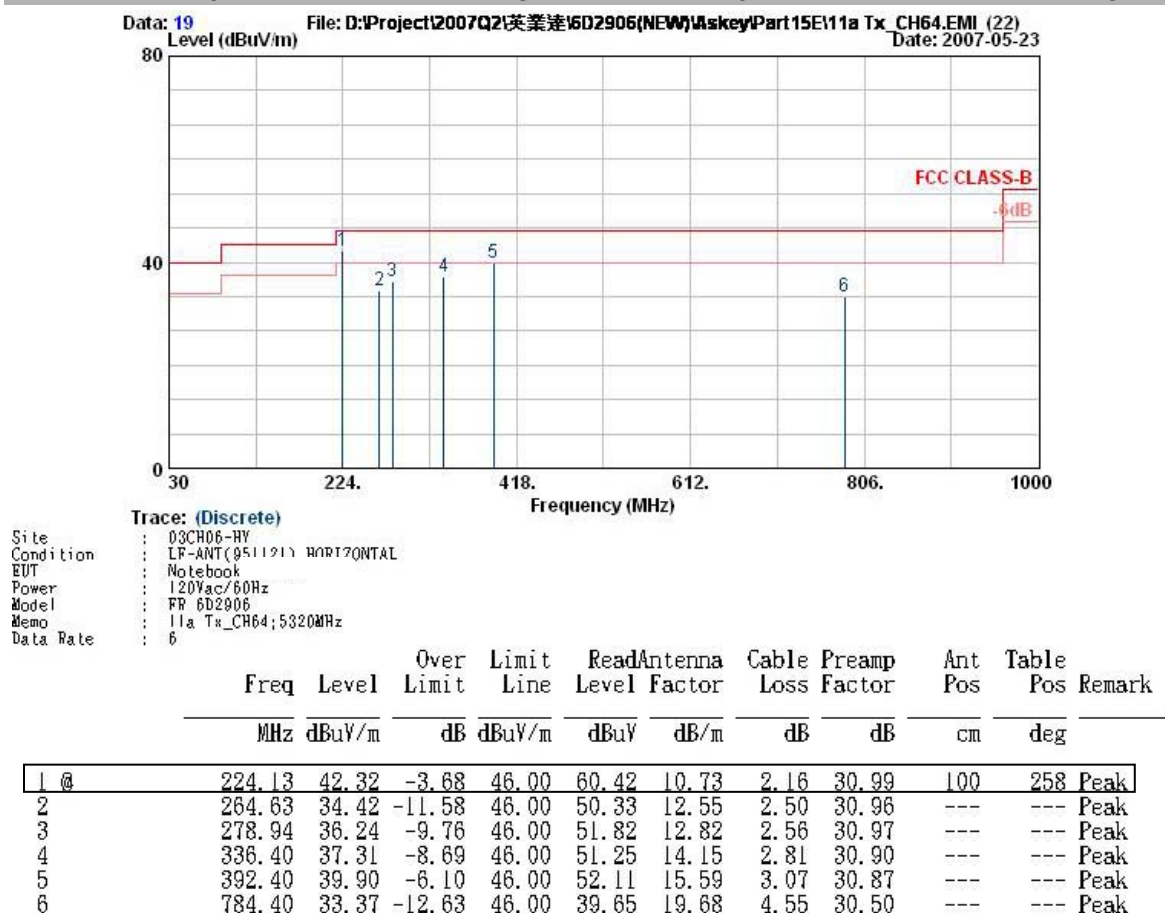
Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

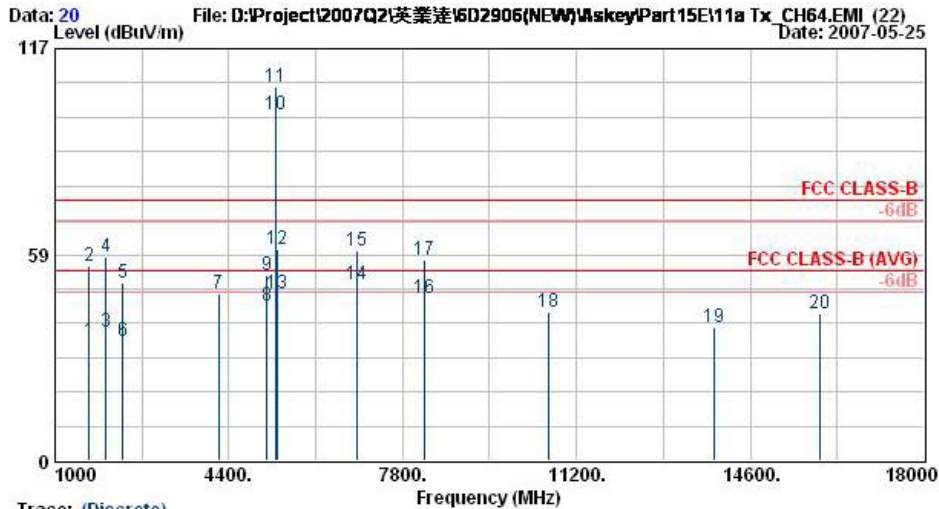
➤ Test Mode : Mode 2

- Temperature : 26
- Relative Humidity : 54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH64;5320MHz
 Data Rate : 6

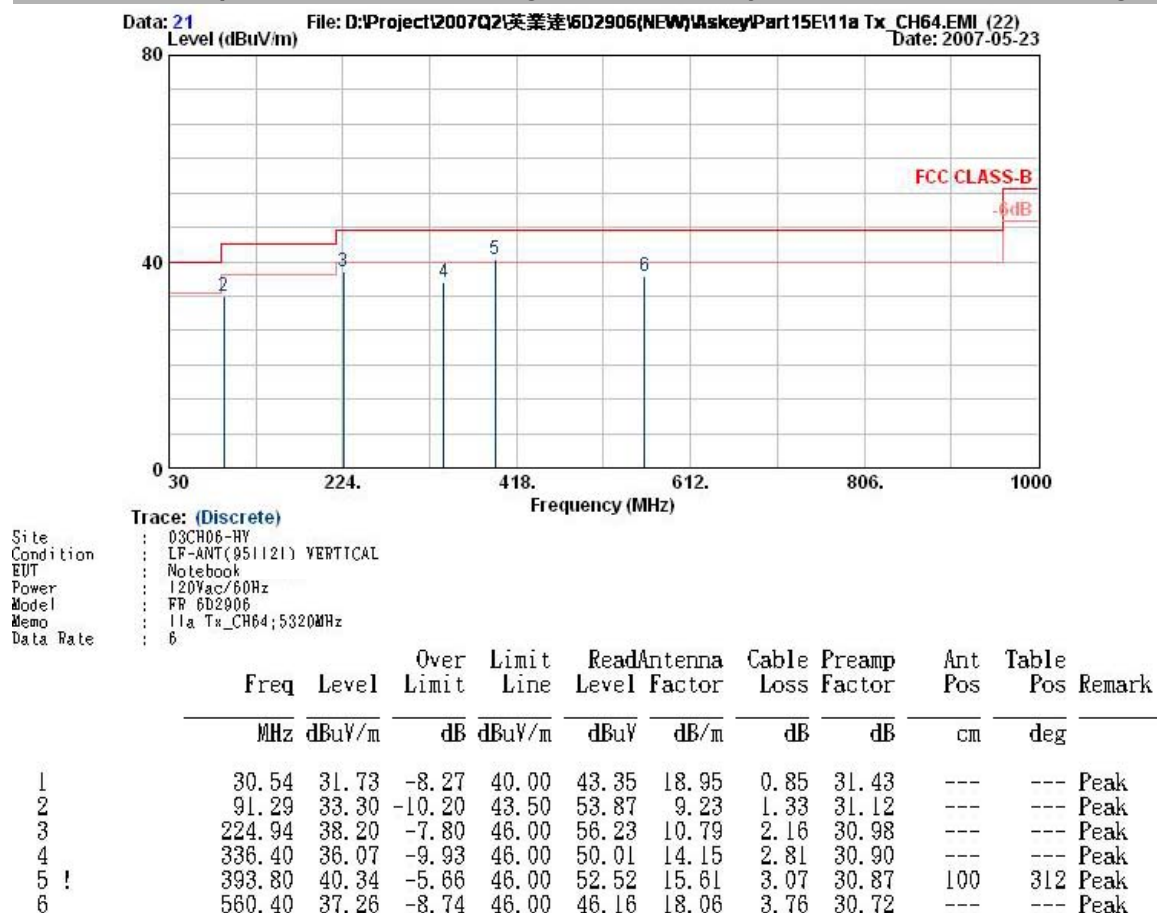
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1664.00	33.83	-20.17	54.00	38.90	27.43	3.03	35.53	103	226	Average
2	1664.00	55.34	-18.66	74.00	60.42	27.43	3.03	35.53	---	---	Peak
3	1994.00	36.60	-17.40	54.00	38.50	29.97	3.30	35.17	100	301	Average
4	1994.00	58.04	-15.96	74.00	59.94	29.97	3.30	35.17	---	---	Peak
5	2324.00	50.44	-23.56	74.00	51.92	30.23	3.69	35.40	---	---	Peak
6	2324.00	33.91	-20.09	54.00	35.40	30.23	3.69	35.40	100	30	Average
7	4204.00	47.50	-26.50	74.00	46.62	31.28	5.33	35.73	---	---	Peak
8	5150.00	44.00	-10.00	54.00	40.38	33.60	6.21	36.19	105	315	Average
9	5150.00	52.49	-21.51	74.00	48.87	33.60	6.21	36.19	100	0	Peak
10 @	5320.00	98.36			94.34	33.60	6.52	36.11	105	315	Average
11 @	5320.00	105.99			101.93	33.60	6.56	36.09	100	0	Peak
12	5350.00	59.99	-14.01	74.00	55.87	33.60	6.59	36.08	100	0	Peak
13	5350.00	47.29	-6.71	54.00	43.18	33.60	6.59	36.08	105	315	Average
14 !	6918.00	49.81	-4.19	54.00	40.43	37.33	7.79	35.74	100	227	Average
15	6918.00	59.42	-14.58	74.00	50.04	37.33	7.79	35.74	100	0	Peak
16	8238.00	45.98	-8.02	54.00	34.50	39.41	8.06	35.98	100	265	Average
17	8238.00	56.93	-17.07	74.00	45.45	39.41	8.06	35.98	---	---	Peak
18	10641.00	42.15	-31.85	74.00	77.44	-8.44	9.59	36.44	---	---	Peak
19	13902.00	37.94	-36.06	74.00	67.65	-6.76	11.54	34.48	---	---	Peak
20	15951.00	41.70	-32.30	74.00	71.19	-4.25	11.74	36.97	---	---	Peak

Remark: #10 and #11 Fundamental Signal

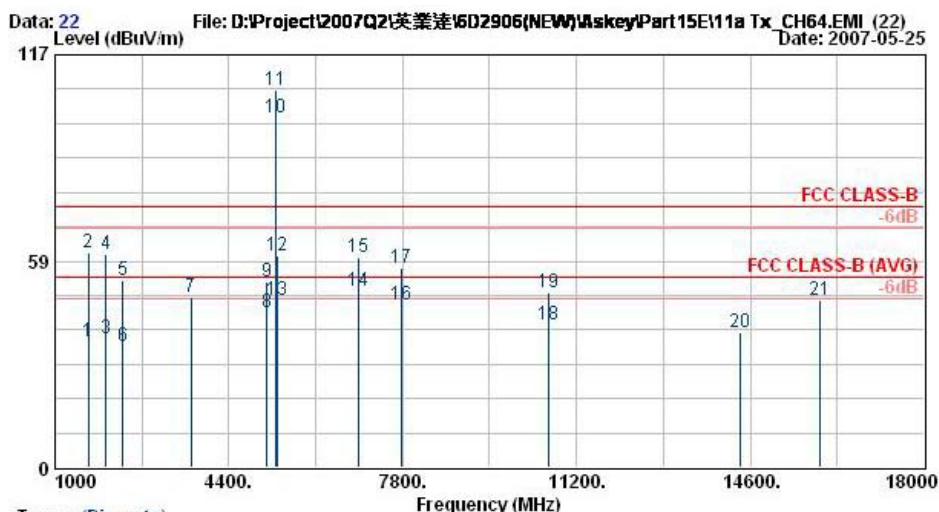
Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Trace: (Discrete)

Site : 03CH06-HY

Condition : HF-ANT(8-18V)-NANO18 VERTICAL

EUT : Notebook

Power : 120Vac/60Hz

Model : FR 6D2906

Memo : 11a Tx_CH64;5320MHz

Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1658.00	35.53	-18.47	54.00	40.60	27.43	3.03	35.53	100	225	Average
2	1658.00	60.85	-13.15	74.00	65.93	27.43	3.03	35.53	---	---	Peak
3	1994.00	36.70	-17.30	54.00	38.60	29.97	3.30	35.17	100	147	Average
4	1994.00	60.58	-13.42	74.00	62.49	29.97	3.30	35.17	---	---	Peak
5	2324.00	53.26	-20.74	74.00	54.75	30.23	3.69	35.40	---	---	Peak
6	2324.00	34.21	-19.79	54.00	35.70	30.23	3.69	35.40	100	354	Average
7	3664.00	48.11	-25.89	74.00	48.70	30.28	4.77	35.64	---	---	Peak
8	5150.00	43.94	-10.06	54.00	40.32	33.60	6.21	36.19	100	324	Average
9	5150.00	52.45	-21.55	74.00	48.83	33.60	6.21	36.19	100	0	Peak
10 @	5320.00	98.99			94.97	33.60	6.52	36.11	100	324	Average
11 @	5320.00	107.19			103.18	33.60	6.52	36.11	100	0	Peak
12	5350.00	60.09	-13.91	74.00	55.97	33.60	6.59	36.08	100	0	Peak
13	5350.00	47.34	-6.66	54.00	43.23	33.60	6.59	36.08	100	324	Average
14 !	6944.00	50.14	-3.86	54.00	40.52	37.52	7.84	35.74	100	96	Average
15	6944.00	59.55	-14.45	74.00	49.92	37.52	7.84	35.74	100	0	Peak
16	7778.00	46.27	-7.73	54.00	35.20	39.30	7.71	35.94	100	49	Average
17	7778.00	56.68	-17.32	74.00	45.60	39.30	7.71	35.94	---	---	Peak
18	10641.00	40.31	-13.69	54.00	75.60	-8.44	9.59	36.44	100	189	Average
19	10641.00	49.67	-24.33	74.00	84.96	-8.44	9.59	36.44	---	---	Peak
20	14397.00	38.26	-35.74	74.00	68.34	-6.50	11.71	35.29	---	---	Peak
21	15957.00	47.53	-26.47	74.00	76.82	-4.18	11.74	36.84	---	---	Peak

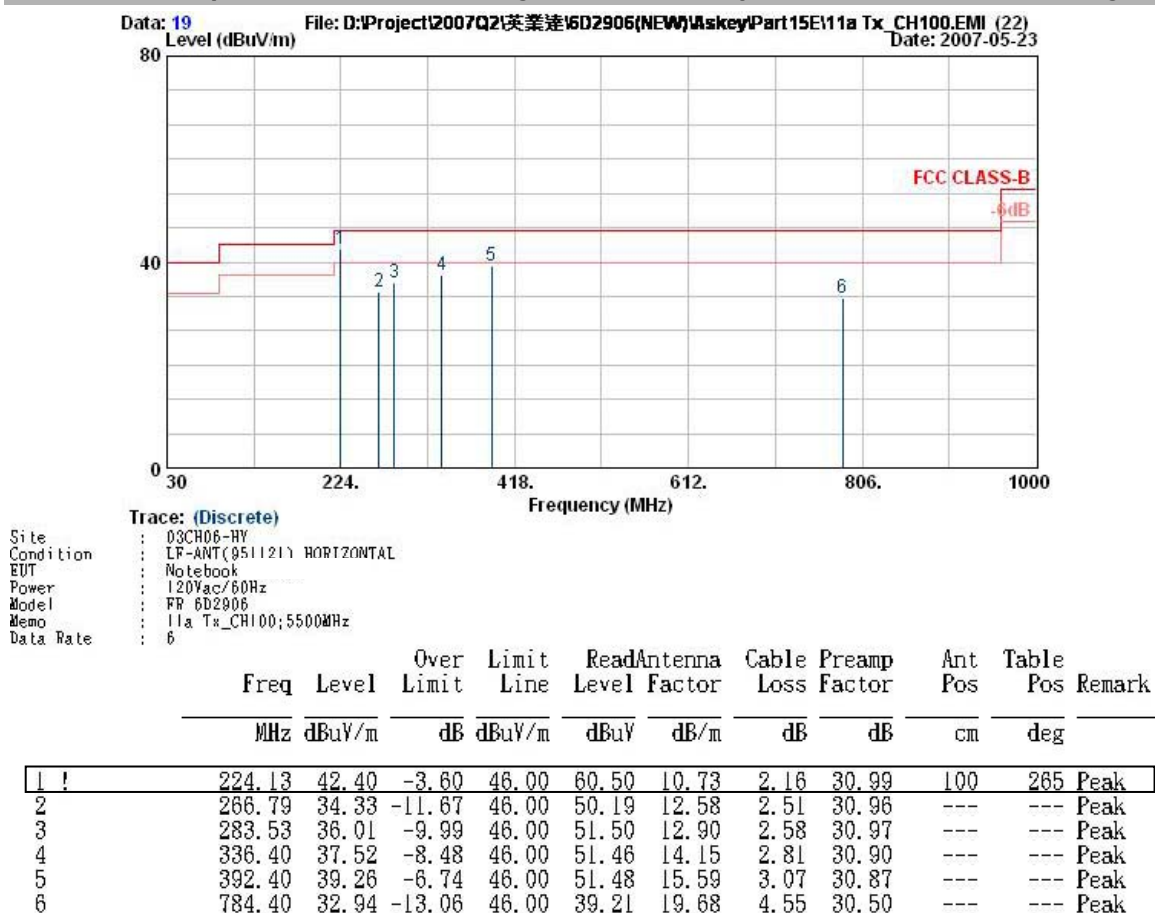
Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➤ Test Mode : Mode 3

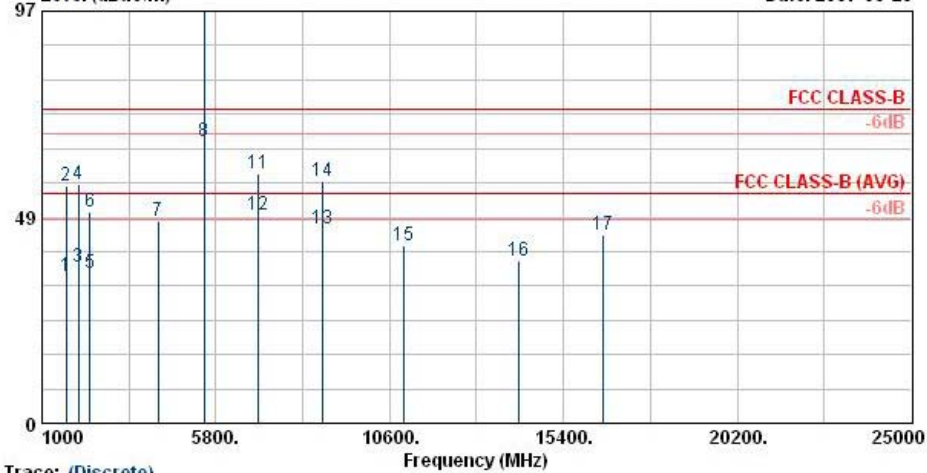
- Temperature : 26
- Relative Humidity : 54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 20 File: D:\Project\2007Q2\美萊達\6D2906(NEW)\Askey\Part15E\11a Tx_CH100.EMI (22)
 Level (dBuV/m) Date: 2007-05-25



Trace: (Discrete)

Site : 03CH06-HV
 Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH100;5500MHz
 Data Rate : 6

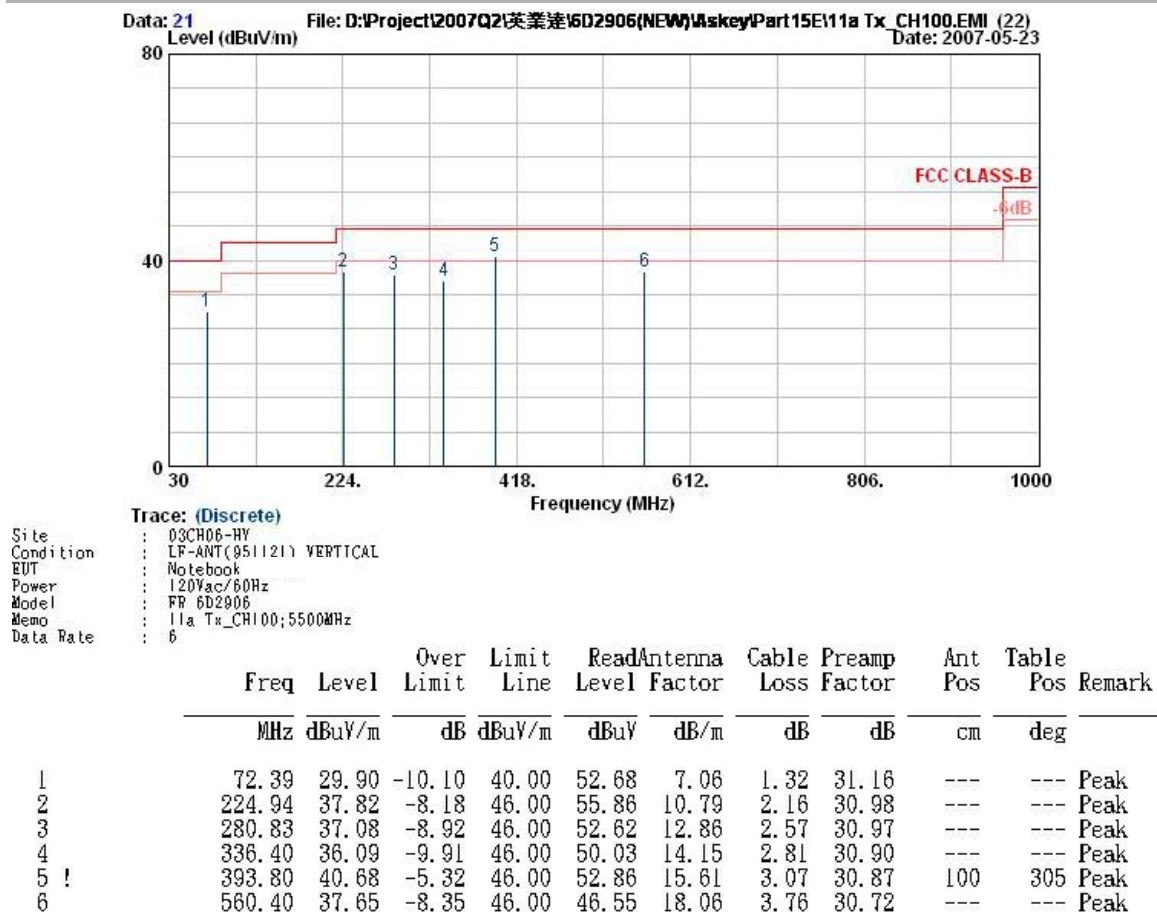
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1664.00	34.63	-19.37	54.00	39.70	27.43	3.03	35.53	100	288 Average
2	1664.00	55.92	-18.08	74.00	60.99	27.43	3.03	35.53	---	--- Peak
3	1998.00	36.95	-17.05	54.00	38.70	30.10	3.32	35.17	100	250 Average
4	1998.00	56.17	-17.83	74.00	57.93	30.10	3.32	35.17	---	--- Peak
5	2328.00	35.21	-18.79	54.00	36.70	30.23	3.69	35.40	100	199 Average
6	2328.00	49.62	-24.38	74.00	51.11	30.23	3.69	35.40	---	--- Peak
7	4208.00	47.43	-26.57	74.00	46.52	31.30	5.33	35.73	---	--- Peak
8	5470.00	66.29	-7.71	74.00	61.91	33.60	6.80	36.02	---	--- Peak
9 X	5500.00	108.84			104.38	33.60	6.87	36.01	100	0 Peak
10 X	5500.00	99.95			95.49	33.60	6.87	36.01	100	290 Average
11	6948.00	58.92	-15.08	74.00	49.30	37.52	7.84	35.74	100	0 Peak
12 !	6948.00	49.12	-4.88	54.00	39.50	37.52	7.84	35.74	100	266 Average
13	8754.00	45.81	-8.19	54.00	34.50	38.85	8.75	36.29	100	326 Average
14	8754.00	56.89	-17.11	74.00	45.58	38.85	8.75	36.29	---	--- Peak
15	10992.00	41.74	-32.26	74.00	76.16	-8.30	9.87	35.98	---	--- Peak
16	14157.00	38.14	-35.86	74.00	67.57	-6.26	11.66	34.84	---	--- Peak
17	16497.00	44.36	-29.64	74.00	73.62	-10.10	11.88	31.04	---	--- Peak

Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

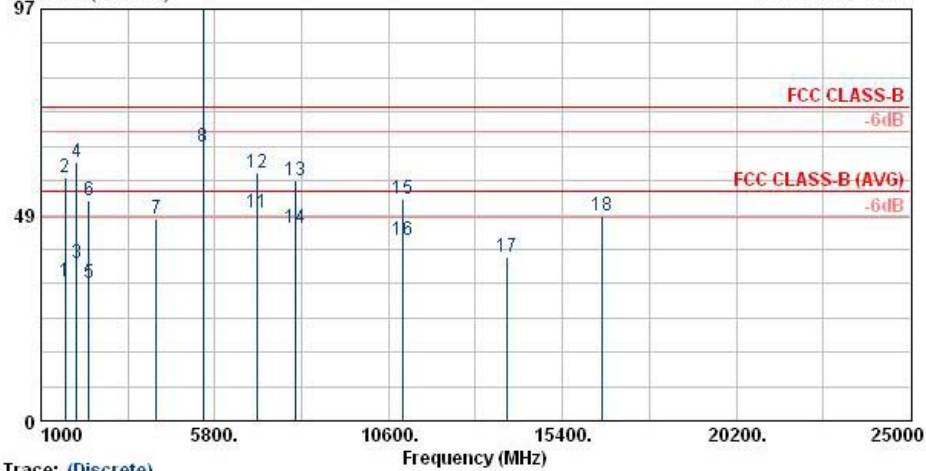
- Polarization : Vertical

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 22 File: D:\Project\2007Q2\英業達\6D2906(NEW)\Askey\Part15E\11a Tx_CH100.EMI (22)
 Level (dBuV/m) Date: 2007-05-25



Trace: (Discrete)

Site : 03CH06-HV
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH100;5500MHz
 Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1664.00	32.73	-21.27	54.00	37.80	27.43	3.03	35.53	100	231	Average
2	1664.00	57.24	-16.76	74.00	62.31	27.43	3.03	35.53	---	---	Peak
3	1994.00	37.00	-17.00	54.00	38.90	29.97	3.30	35.17	102	336	Average
4	1994.00	61.12	-12.88	74.00	63.02	29.97	3.30	35.17	---	---	Peak
5	2328.00	32.61	-21.39	54.00	34.10	30.23	3.69	35.40	100	187	Average
6	2328.00	51.99	-22.01	74.00	53.47	30.23	3.69	35.40	---	---	Peak
7	4188.00	47.53	-26.47	74.00	46.66	31.28	5.31	35.72	---	---	Peak
8	5470.00	64.54	-9.46	74.00	60.17	33.60	6.80	36.02	---	---	Peak
9 @	5500.00	102.20			97.74	33.60	6.87	36.01	118	307	Average
10 X	5500.00	108.37			103.91	33.60	6.87	36.01	100	0	Peak
11 !	6948.00	49.02	-4.98	54.00	39.40	37.52	7.84	35.74	100	304	Average
12	6948.00	58.45	-15.55	74.00	48.83	37.52	7.84	35.74	100	0	Peak
13	8014.00	56.68	-17.32	74.00	45.15	39.59	7.81	35.86	---	---	Peak
14	8014.00	45.44	-8.56	54.00	33.90	39.59	7.81	35.86	100	260	Average
15	11007.00	52.18	-21.82	74.00	86.65	-8.37	9.88	35.98	---	---	Peak
16	11007.00	42.44	-31.56	74.00	76.90	-8.37	9.88	35.98	100	266	QP
17	13872.00	38.57	-35.43	74.00	68.52	-6.96	11.50	34.48	---	---	Peak
18	16497.00	48.36	-25.64	74.00	77.62	-10.10	11.88	31.04	---	---	Peak

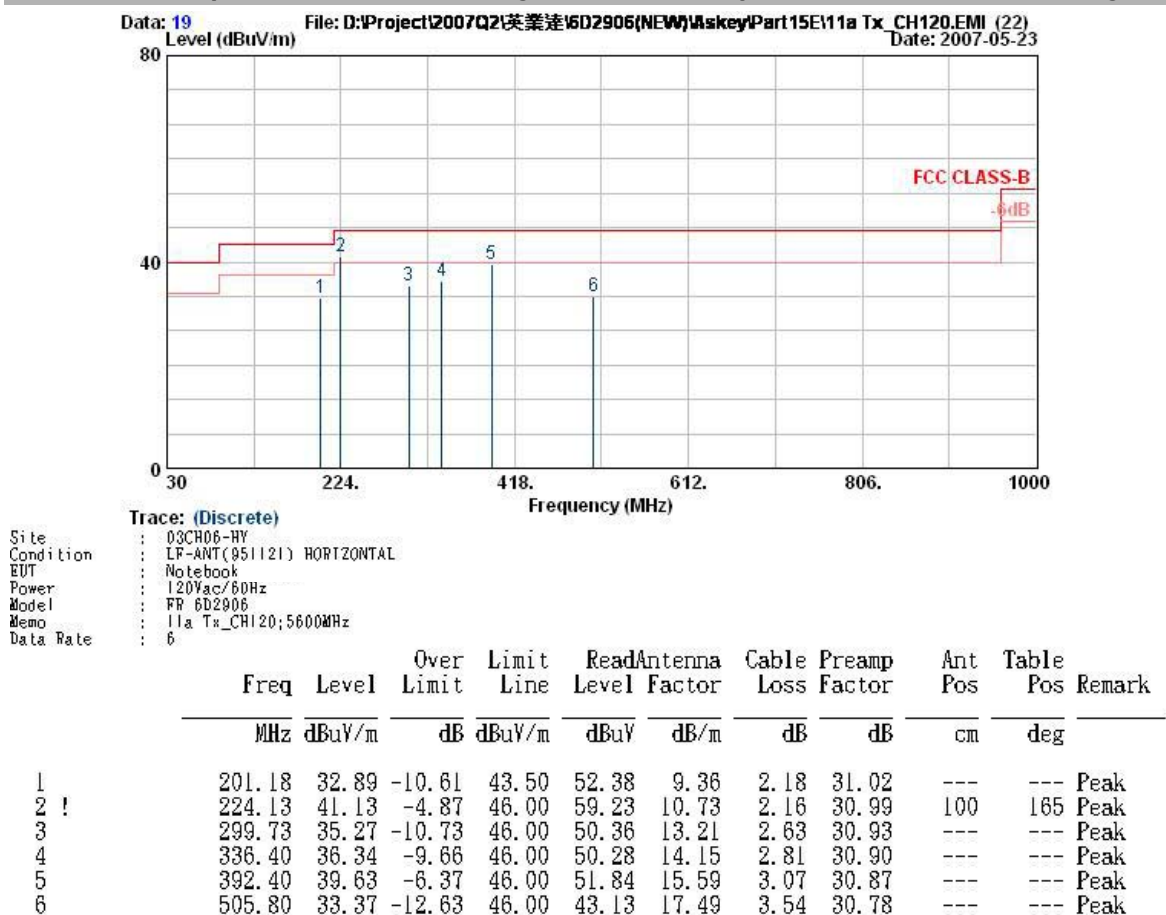
Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

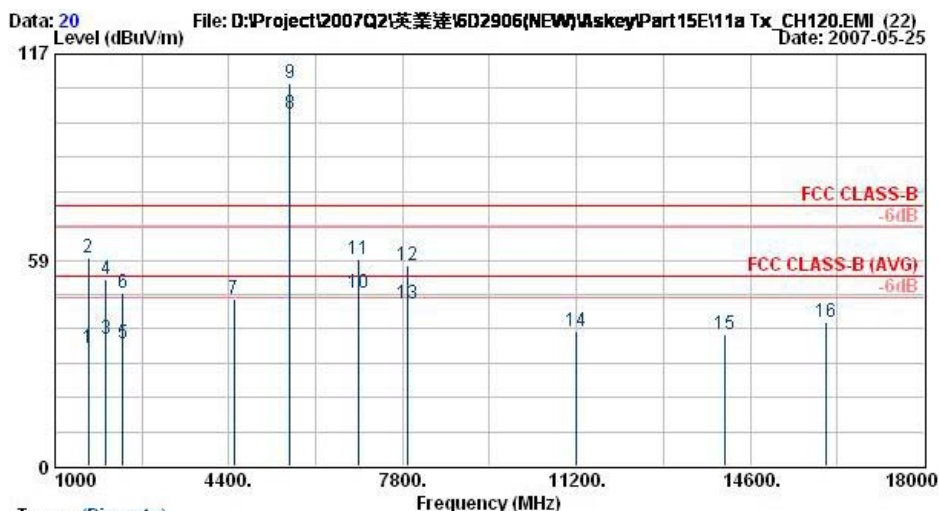
➤ Test Mode : Mode 4

- Temperature : 26
- Relative Humidity : 54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH120;5600MHz
 Data Rate : 6

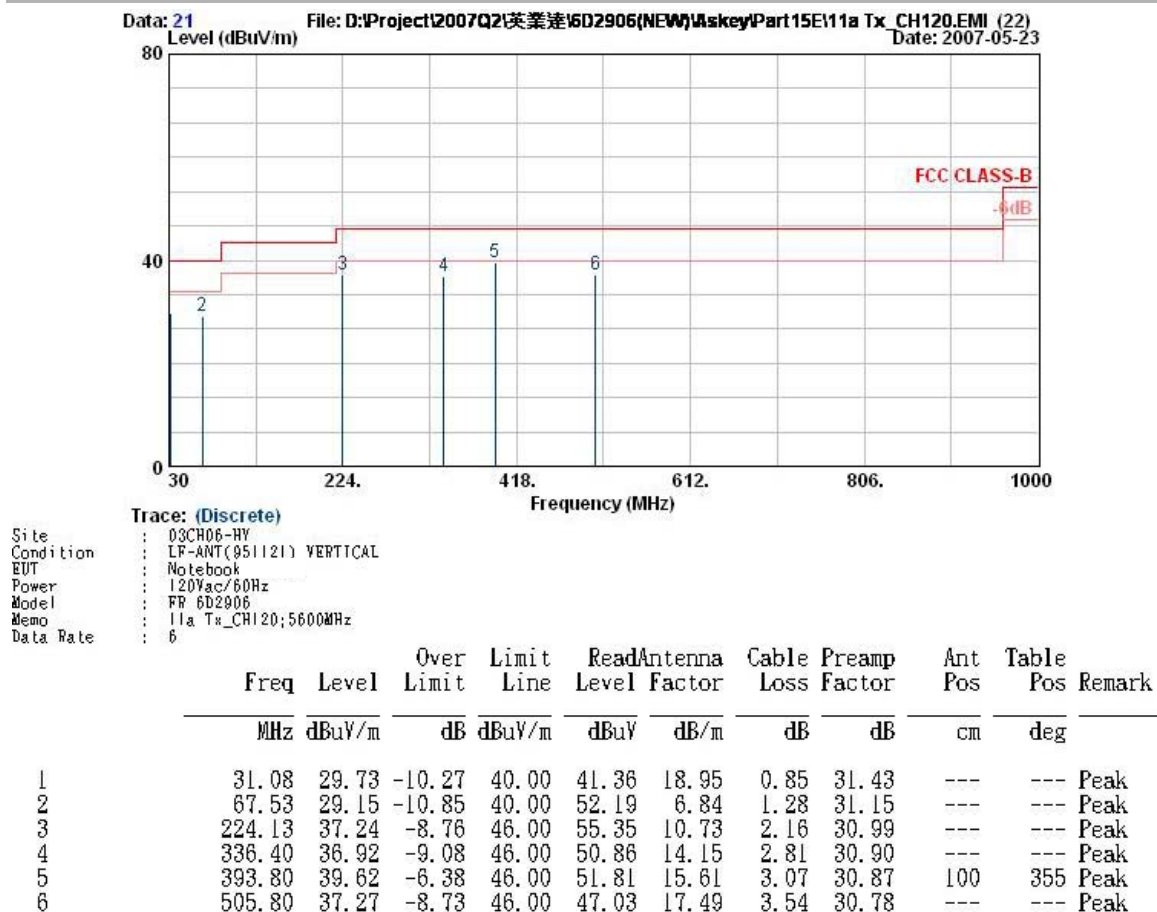
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1658.00	33.33	-20.67	54.00	38.40	27.43	3.03	35.53	100	360	Average
2	1658.00	59.15	-14.85	74.00	64.23	27.43	3.03	35.53	---	---	Peak
3	1994.00	36.30	-17.70	54.00	38.20	29.97	3.30	35.17	100	155	Average
4	1994.00	53.14	-20.86	74.00	55.04	29.97	3.30	35.17	---	---	Peak
5	2324.00	34.91	-19.09	54.00	36.40	30.23	3.69	35.40	100	133	Average
6	2324.00	49.33	-24.67	74.00	50.82	30.23	3.69	35.40	---	---	Peak
7	4494.00	47.53	-26.47	74.00	46.03	31.70	5.62	35.83	---	---	Peak
8 @	5600.00	100.08			95.44	33.70	6.88	35.95	100	319	Average
9 X	5600.00	108.65			104.02	33.69	6.88	35.95	100	0	Peak
10 !	6938.00	49.23	-4.77	54.00	39.70	37.43	7.84	35.74	100	319	Average
11	6938.00	58.53	-15.47	74.00	49.00	37.43	7.84	35.74	100	0	Peak
12	7894.00	57.13	-16.87	74.00	45.80	39.46	7.76	35.89	---	---	Peak
13	7894.00	46.02	-7.98	54.00	34.70	39.46	7.76	35.89	100	226	Average
14	11202.00	38.42	-35.58	74.00	74.16	-9.70	10.02	36.06	---	---	Peak
15	14106.00	37.55	-36.45	74.00	66.84	-6.21	11.65	34.73	---	---	Peak
16	16092.00	40.76	-33.24	74.00	69.22	-5.02	11.79	35.24	---	---	Peak

Remark: #8 and #9 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

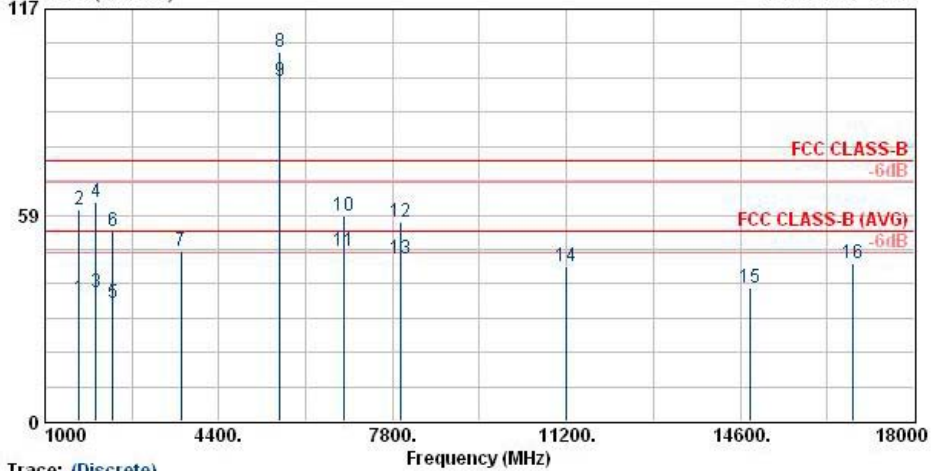
- Polarization : Vertical

■ The test data that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 22 File: D:\Project\2007Q2\英業達\6D2906(NEW)\Askey\Part15E\11a Tx_CH120.EMI (22)
 Level (dBuV/m) Date: 2007-05-25



Trace: (Discrete)

Site : 03CH06-HV
 Condition : HF-ANT(8-16)-060918 VERTICAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH120;5600MHz
 Data Rate : 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1664.00	34.63	-19.37	54.00	39.70	27.43	3.03	35.53	100	260 Average
2	1664.00	60.15	-13.85	74.00	65.22	27.43	3.03	35.53	---	--- Peak
3	1994.00	36.50	-17.50	54.00	38.40	29.97	3.30	35.17	100	198 Average
4	1994.00	62.20	-11.80	74.00	64.10	29.97	3.30	35.17	---	--- Peak
5	2324.00	33.31	-20.69	54.00	34.80	30.23	3.69	35.40	100	268 Average
6	2324.00	53.81	-20.19	74.00	55.29	30.23	3.69	35.40	---	--- Peak
7	3664.00	48.30	-25.70	74.00	48.89	30.28	4.77	35.64	---	--- Peak
8 X	5600.00	104.81			100.19	33.69	6.88	35.95	100	0 Peak
9 @	5600.00	96.48			91.84	33.70	6.88	35.95	100	293 Average
10	6848.00	58.27	-15.73	74.00	49.36	36.96	7.71	35.77	100	0 Peak
11	6848.00	48.30	-25.70	74.00	39.40	36.96	7.71	35.77	100	215 QP
12	7948.00	56.68	-17.32	74.00	45.24	39.53	7.78	35.87	---	--- Peak
13	7948.00	46.24	-7.76	54.00	34.80	39.53	7.78	35.87	100	340 Average
14	11202.00	44.00	-30.00	74.00	79.74	-9.70	10.02	36.06	---	--- Peak
15	14796.00	37.96	-36.04	74.00	68.68	-6.36	11.45	35.82	---	--- Peak
16	16797.00	44.84	-29.16	74.00	76.52	-10.10	11.96	33.54	---	--- Peak

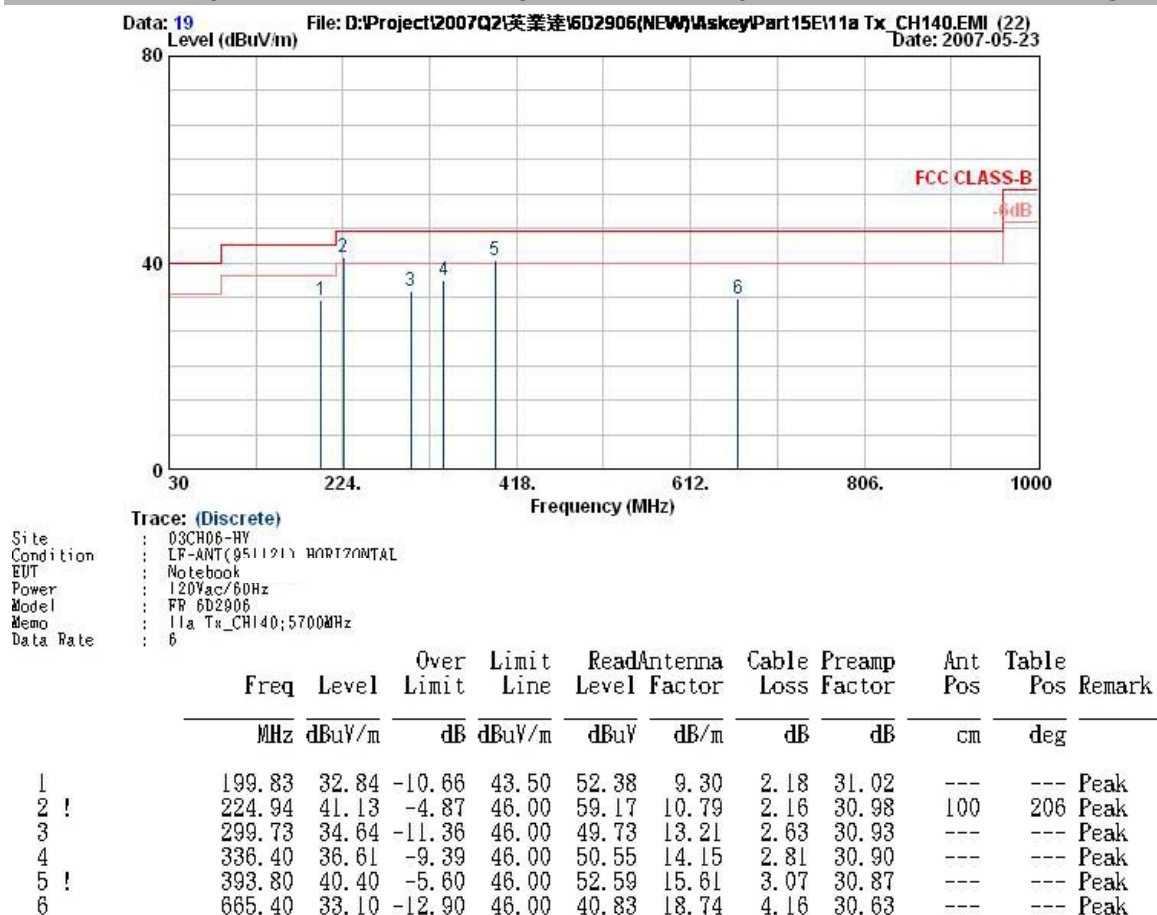
Remark: #8 and #9 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➤ Test Mode : Mode 5

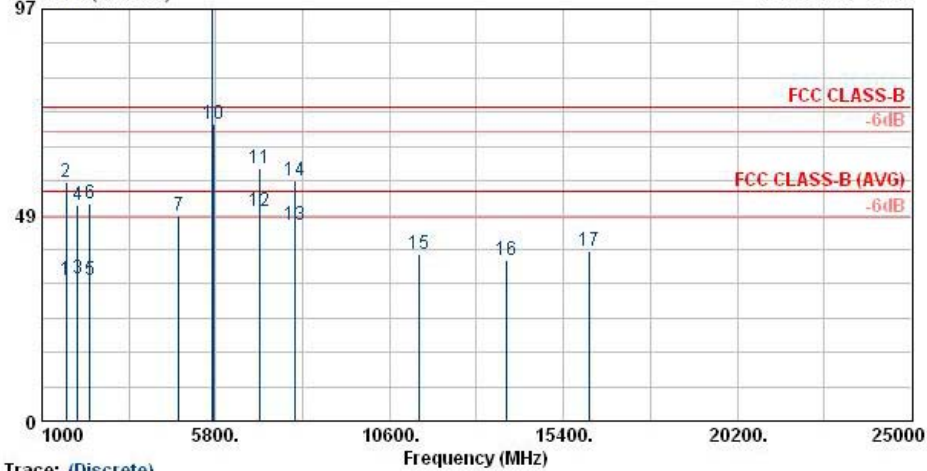
- Temperature : 26
- Relative Humidity : 54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 20 File: D:\Project\2007Q2\英業達\6D2906(NEW)\Askey\Part15E\11a Tx_CH140.EMI (22)
 Level (dBuV/m) Date: 2007-05-25



Site : 03CH06-HV
 Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH140;5700MHz
 Data Rate : 6

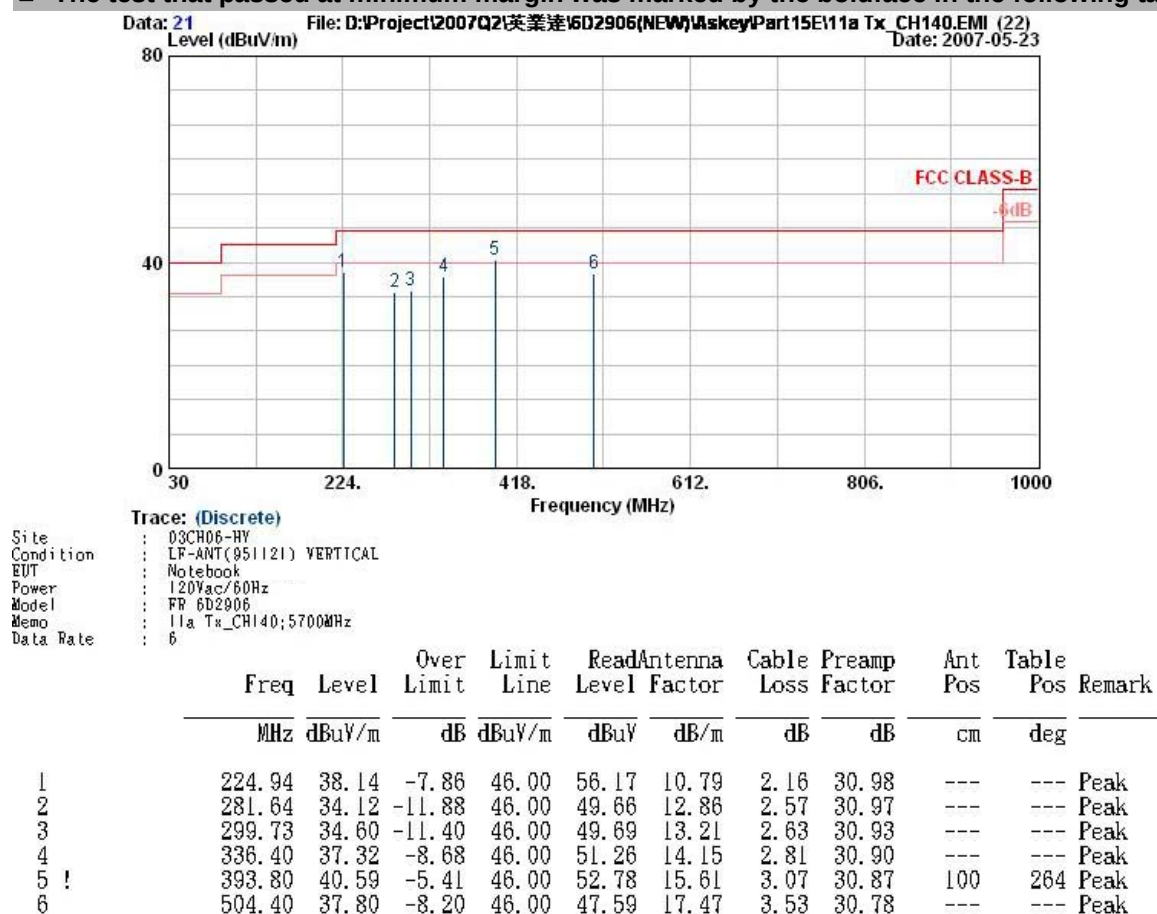
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1664.00	33.13	-20.87	54.00	38.20	27.43	3.03	35.53	100	310	Average
2	1664.00	56.19	-17.81	74.00	61.26	27.43	3.03	35.53	---	---	Peak
3	1994.00	33.50	-20.50	54.00	35.40	29.97	3.30	35.17	100	205	Average
4	1994.00	50.82	-23.18	74.00	52.73	29.97	3.30	35.17	---	---	Peak
5	2328.00	33.11	-20.89	54.00	34.60	30.23	3.69	35.40	100	177	Average
6	2328.00	51.08	-22.92	74.00	52.57	30.23	3.69	35.40	---	---	Peak
7	4768.00	48.41	-25.59	74.00	45.93	32.75	5.80	36.07	---	---	Peak
8 X	5700.00	108.37			103.56	33.79	6.90	35.88	100	0	Peak
9 @	5700.00	99.60			94.79	33.79	6.90	35.88	100	319	Average
10 !	5725.00	70.07	-3.93	74.00	65.21	33.82	6.90	35.86	---	---	Peak
11	6994.00	59.38	-14.62	74.00	49.43	37.80	7.89	35.75	100	165	Peak
12 !	6994.00	49.35	-4.65	54.00	39.40	37.80	7.89	35.75	100	264	Average
13	7994.00	46.32	-7.68	54.00	34.80	39.58	7.79	35.85	100	264	Average
14	7994.00	56.73	-17.27	74.00	45.21	39.58	7.79	35.85	---	---	Peak
15	11397.00	39.25	-34.75	74.00	76.33	-11.10	10.17	36.15	---	---	Peak
16	13842.00	37.91	-36.09	74.00	68.07	-7.16	11.48	34.48	---	---	Peak
17	16116.00	40.15	-33.85	74.00	68.69	-5.39	11.80	34.94	---	---	Peak

Remark: #8 and #9 Fundamental Signal

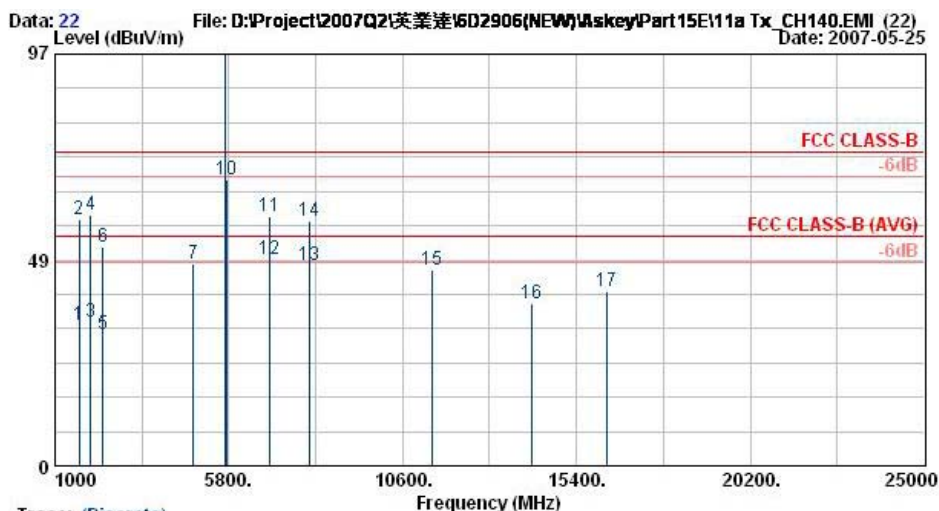
Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site : 03CH06-HV
 Condition : HF-ANT(8-18)-060018 VERTICAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH140;5700MHz
 Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1658.00	33.33	-20.67	54.00	38.40	27.43	3.03	35.53	100	48	Average
2	1658.00	57.94	-16.06	74.00	63.02	27.43	3.03	35.53	---	---	Peak
3	1994.00	33.90	-20.10	54.00	35.80	29.97	3.30	35.17	100	288	Average
4	1994.00	58.96	-15.04	74.00	60.86	29.97	3.30	35.17	---	---	Peak
5	2328.00	31.01	-22.99	54.00	32.50	30.23	3.69	35.40	100	288	Average
6	2328.00	51.67	-22.33	74.00	53.15	30.23	3.69	35.40	---	---	Peak
7	4824.00	47.75	-26.25	74.00	45.08	32.94	5.84	36.12	---	---	Peak
8 X	5700.00	105.72			100.91	33.79	6.90	35.88	100	0	Peak
9 @	5700.00	97.29			92.48	33.79	6.90	35.88	111	284	Average
10	5725.00	67.41	-6.59	74.00	62.55	33.82	6.90	35.86	---	---	Peak
11	6924.00	58.90	-15.10	74.00	49.50	37.33	7.81	35.74	100	0	Peak
12 !	6924.00	48.80	-5.20	54.00	39.40	37.33	7.81	35.74	100	320	Average
13	8014.00	47.34	-6.66	54.00	35.80	39.59	7.81	35.86	100	264	Average
14	8014.00	57.56	-16.44	74.00	46.02	39.59	7.81	35.86	---	---	Peak
15	11397.00	46.29	-27.71	74.00	83.37	-11.10	10.17	36.15	---	---	Peak
16	14166.00	38.15	-35.85	74.00	67.59	-6.27	11.66	34.84	---	---	Peak
17	16221.00	41.16	-32.84	74.00	69.73	-6.63	11.82	33.76	---	---	Peak

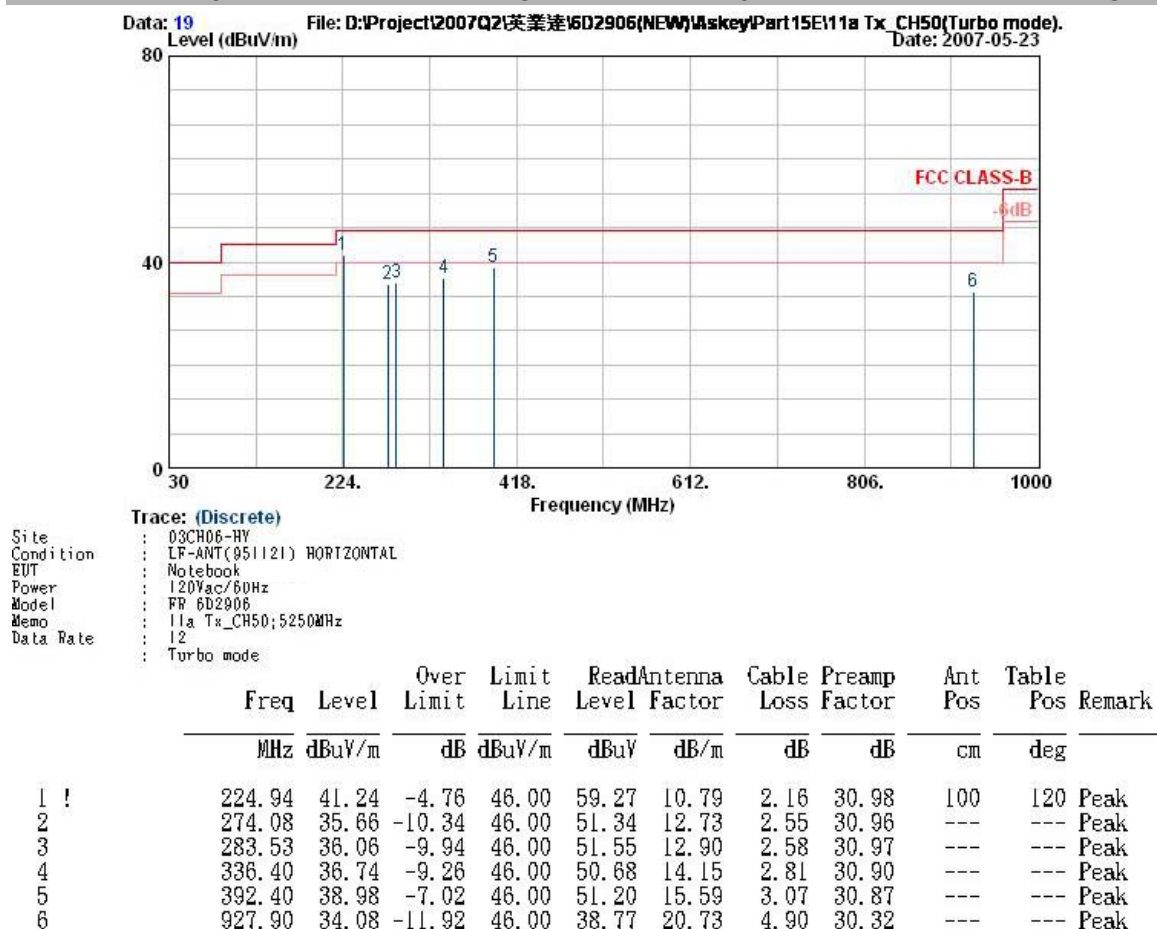
Remark: #8 and #9 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

Test Mode : Mode 6

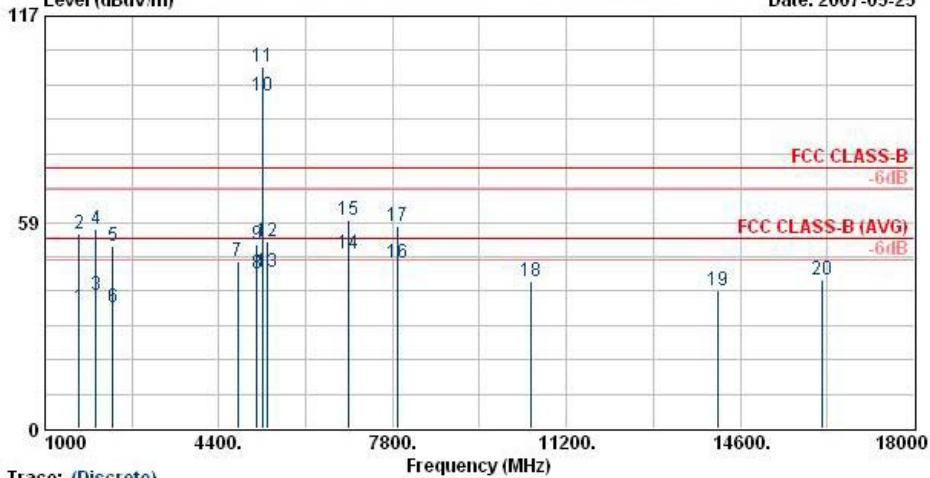
- Temperature : 26
- Relative Humidity : 54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 20 File: D:\Project\2007Q2\英業達\6D2906(NEW)\Askey\Part15E\11a Tx_CH50(Turbo mode).
 Level (dBuV/m) Date: 2007-05-25



Site : 03CH06-HY
 Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : Notebook
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11a Tx_CH50;5250MHz
 Data Rate : 12
 : Turbo mode

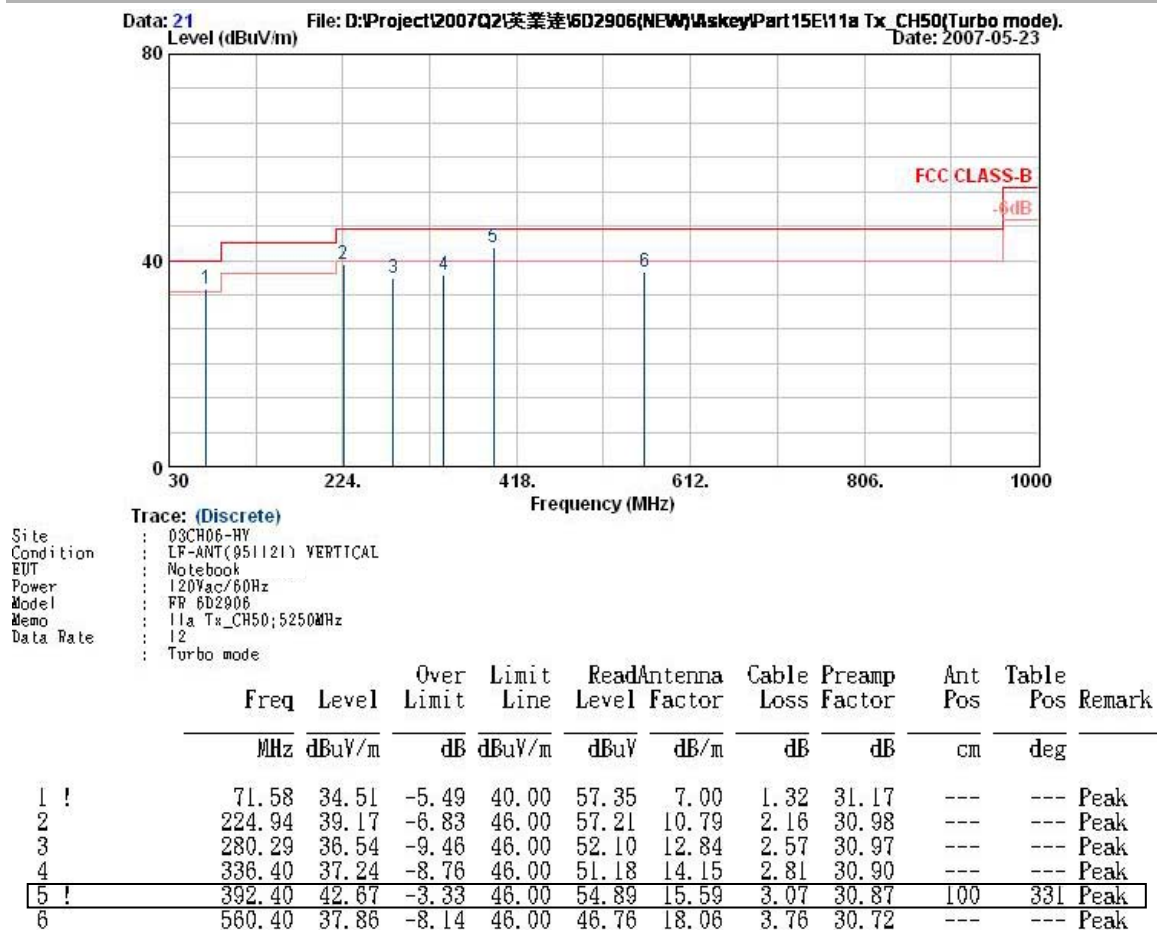
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1664.00	34.53	-19.47	54.00	39.60	27.43	3.03	35.53	100	228 Average
2	1664.00	55.44	-18.56	74.00	60.52	27.43	3.03	35.53	---	--- Peak
3	1994.00	37.65	-16.35	54.00	39.55	29.97	3.30	35.17	100	162 Average
4	1994.00	56.57	-17.43	74.00	58.47	29.97	3.30	35.17	---	--- Peak
5	2328.00	51.77	-22.23	74.00	53.26	30.23	3.69	35.40	---	--- Peak
6	2328.00	34.41	-19.59	54.00	35.90	30.23	3.69	35.40	100	300 Average
7	4764.00	47.32	-26.68	74.00	44.91	32.68	5.80	36.07	---	--- Peak
8	5150.00	44.13	-9.87	54.00	40.51	33.60	6.21	36.19	139	238 Average
9	5150.00	52.24	-21.76	74.00	48.62	33.60	6.21	36.19	100	0 Peak
10 X	5250.00	94.23			90.35	33.60	6.42	36.14	139	238 Average
11 X	5250.00	102.86			99.02	33.60	6.39	36.15	100	0 Peak
12	5350.00	52.92	-21.08	74.00	48.81	33.60	6.59	36.08	100	0 Peak
13	5350.00	44.32	-9.68	54.00	40.21	33.60	6.59	36.08	139	238 Average
14 !	6924.00	49.75	-4.25	54.00	40.35	37.33	7.81	35.74	100	29 Average
15	6924.00	59.29	-14.71	74.00	49.88	37.33	7.81	35.74	100	0 Peak
16	7904.00	46.84	-7.16	54.00	35.50	39.46	7.76	35.88	100	260 Average
17	7904.00	57.42	-16.58	74.00	46.09	39.46	7.76	35.88	---	--- Peak
18	10491.00	41.57	-32.43	74.00	77.23	-8.52	9.49	36.64	---	--- Peak
19	14166.00	39.27	-34.73	74.00	68.71	-6.27	11.66	34.84	---	--- Peak
20	16197.00	42.06	-31.94	74.00	70.68	-6.38	11.81	34.06	---	--- Peak

Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

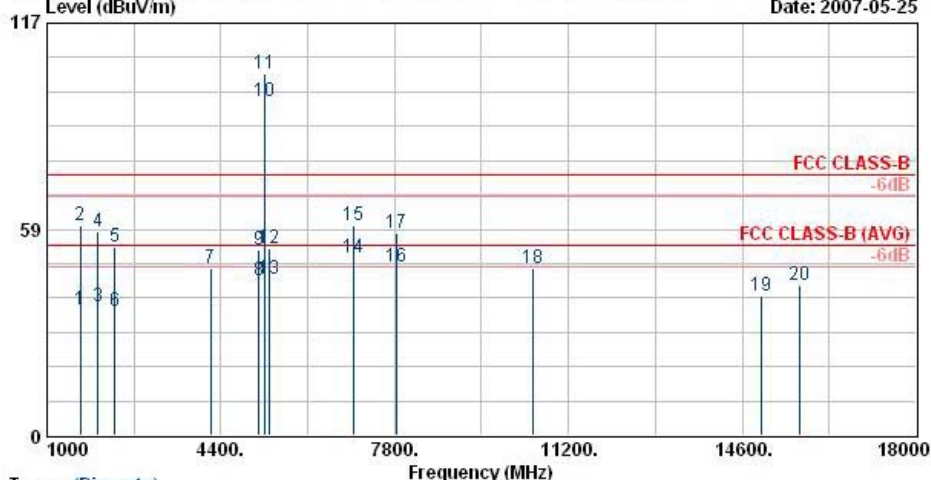
- Polarization : Vertical

■ The test data that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.

Data: 22 File: D:\Project\2007Q2\英業達\6D2906(NEW)\Askey\Part15E\11a Tx_CH50(Turbo mode). Date: 2007-05-25



Trace: (Discrete)

Site : 03CH06-HY
Condition : HF-ANT(8-18)-060918 VERTICAL
EUT : Notebook
Power : 120Vac/60Hz
Model : FR 6D2906
Memo : 11a Tx_CH50;5250MHz
Data Rate : 12
Turbo mode

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1658.00	35.53	-18.47	54.00	40.60	27.43	3.03	35.53	100	265 Average
2	1658.00	59.52	-14.48	74.00	64.59	27.43	3.03	35.53	---	--- Peak
3	1998.00	36.75	-17.25	54.00	38.50	30.10	3.32	35.17	100	356 Average
4	1998.00	58.02	-15.98	74.00	59.77	30.10	3.32	35.17	---	--- Peak
5	2328.00	53.51	-20.49	74.00	54.99	30.23	3.69	35.40	---	--- Peak
6	2328.00	35.21	-18.79	54.00	36.70	30.23	3.69	35.40	100	56 Average
7	4198.00	47.62	-26.38	74.00	46.75	31.28	5.31	35.72	---	--- Peak
8	5150.00	44.13	-9.87	54.00	40.51	33.60	6.21	36.19	103	318 Average
9	5150.00	52.58	-21.42	74.00	48.96	33.60	6.21	36.19	100	0 Peak
10 @	5250.00	94.96			91.08	33.60	6.42	36.14	103	318 Average
11 X	5250.00	102.53			98.69	33.60	6.39	36.15	100	0 Peak
12	5350.00	52.91	-21.09	74.00	48.80	33.60	6.59	36.08	100	0 Peak
13	5350.00	44.24	-9.76	54.00	40.13	33.60	6.59	36.08	103	318 Average
14 !	6994.00	50.41	-3.59	54.00	40.46	37.80	7.89	35.75	100	286 Average
15	6994.00	59.46	-14.54	74.00	49.51	37.80	7.89	35.75	100	0 Peak
16	7838.00	47.99	-6.01	54.00	36.80	39.37	7.73	35.91	100	304 Average
17	7838.00	57.25	-16.75	74.00	46.06	39.37	7.73	35.91	---	--- Peak
18	10506.00	47.29	-26.71	74.00	82.90	-8.50	9.49	36.60	---	--- Peak
19	14976.00	39.40	-34.60	74.00	70.35	-6.22	11.27	36.01	---	--- Peak
20	15732.00	42.63	-31.37	74.00	74.92	-5.79	11.53	38.03	---	--- Peak

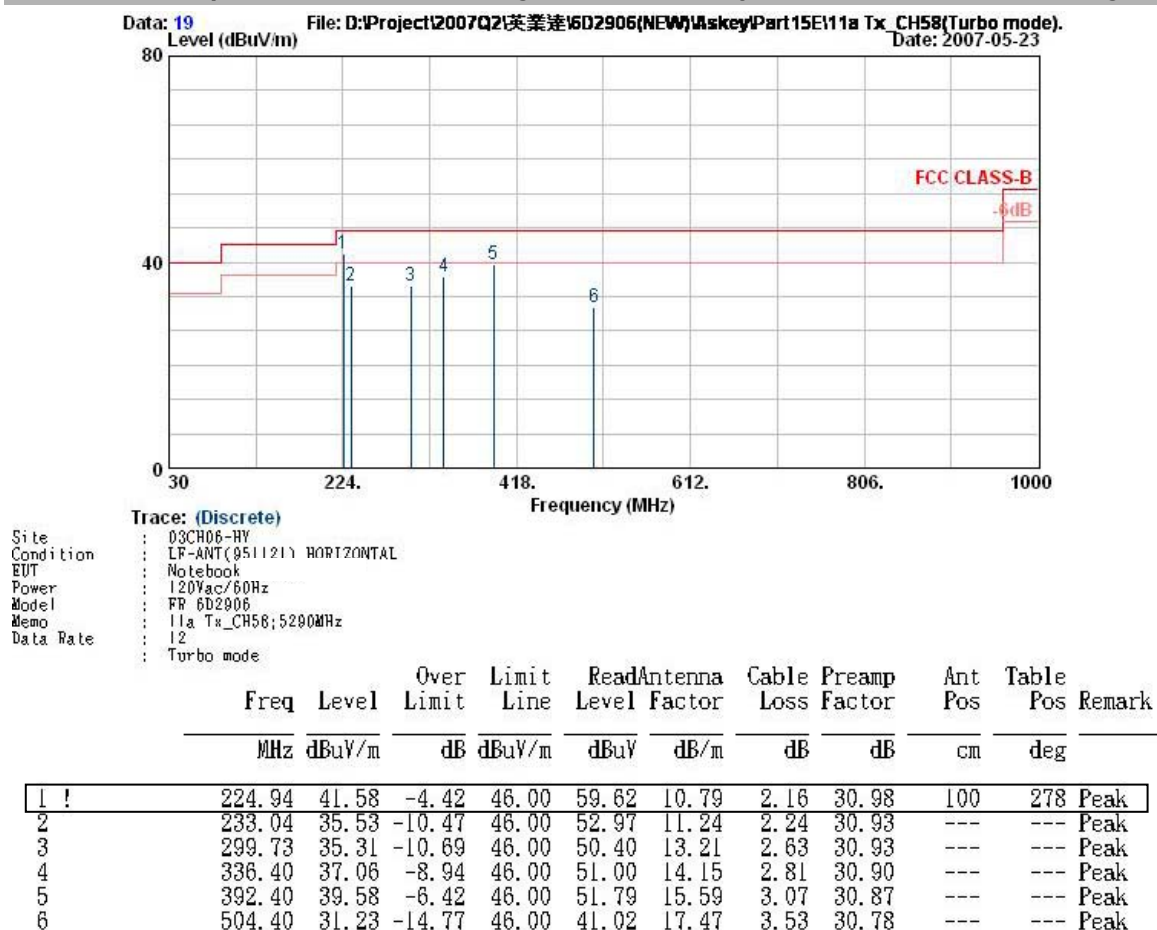
Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➤ Test Mode : Mode 7

- Temperature : 26
- Relative Humidity : 54%
- Test Engineer : Anderson
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the boldface in the following table.



Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.