

Measurement Result (above 1GHz)

Operation Mode: BASE TX with Antenna 1PG-24002(12dB) Test Date : 10/28/2002
 Fundamental Frequency: CH Low Test By: Markba_lee
 Temperature : 28 Pol: VERTICAL
 Humidity : 60%

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.0	62.44	33.00	-6.56	55.88	26.44	74.00	54.00	-18.12 Peak

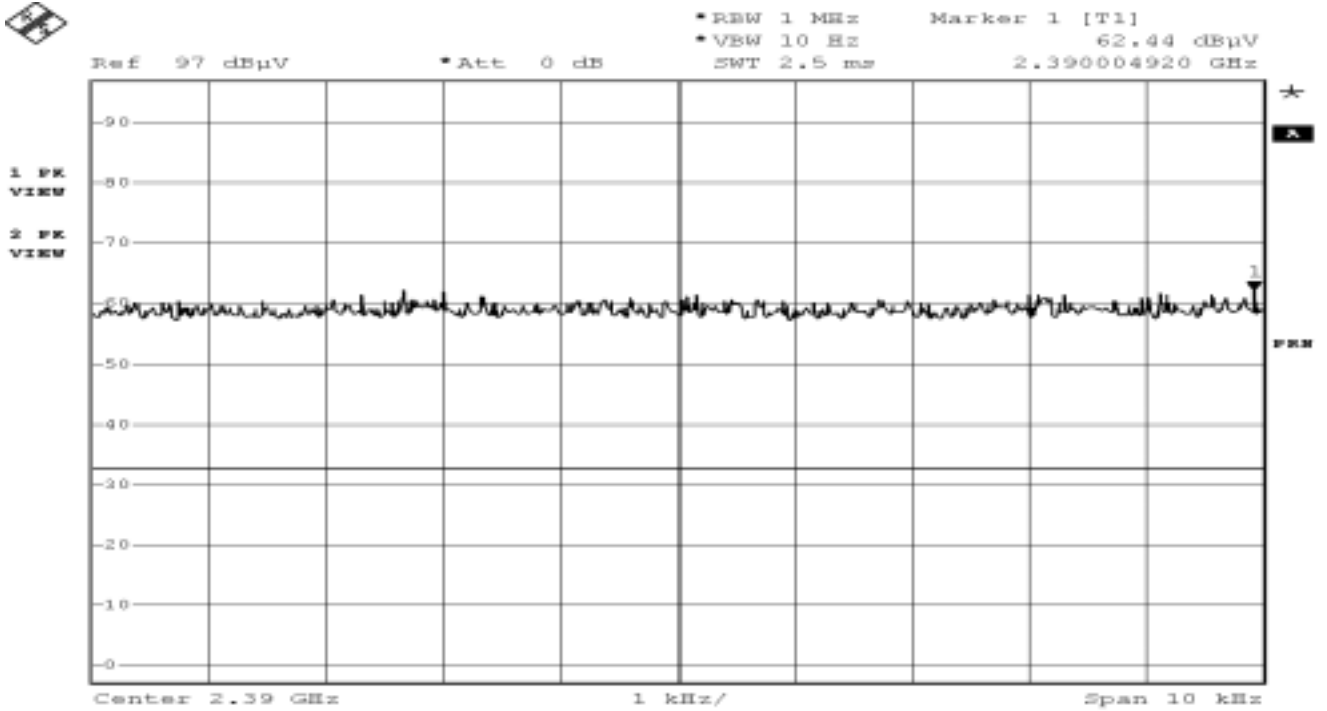
Operation Mode: BASE TX with Antenna 1PG-24002(12dB) Test Date : 10/28/2002
 Fundamental Frequency: CH Low Test By: Markba_lee
 Temperature : 28 Pol: HORIZONTAL
 Humidity : 60%

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.0	46.50	32.18	-6.56	39.94	25.62	74.00	54.00	-28.38 AV

Remark :

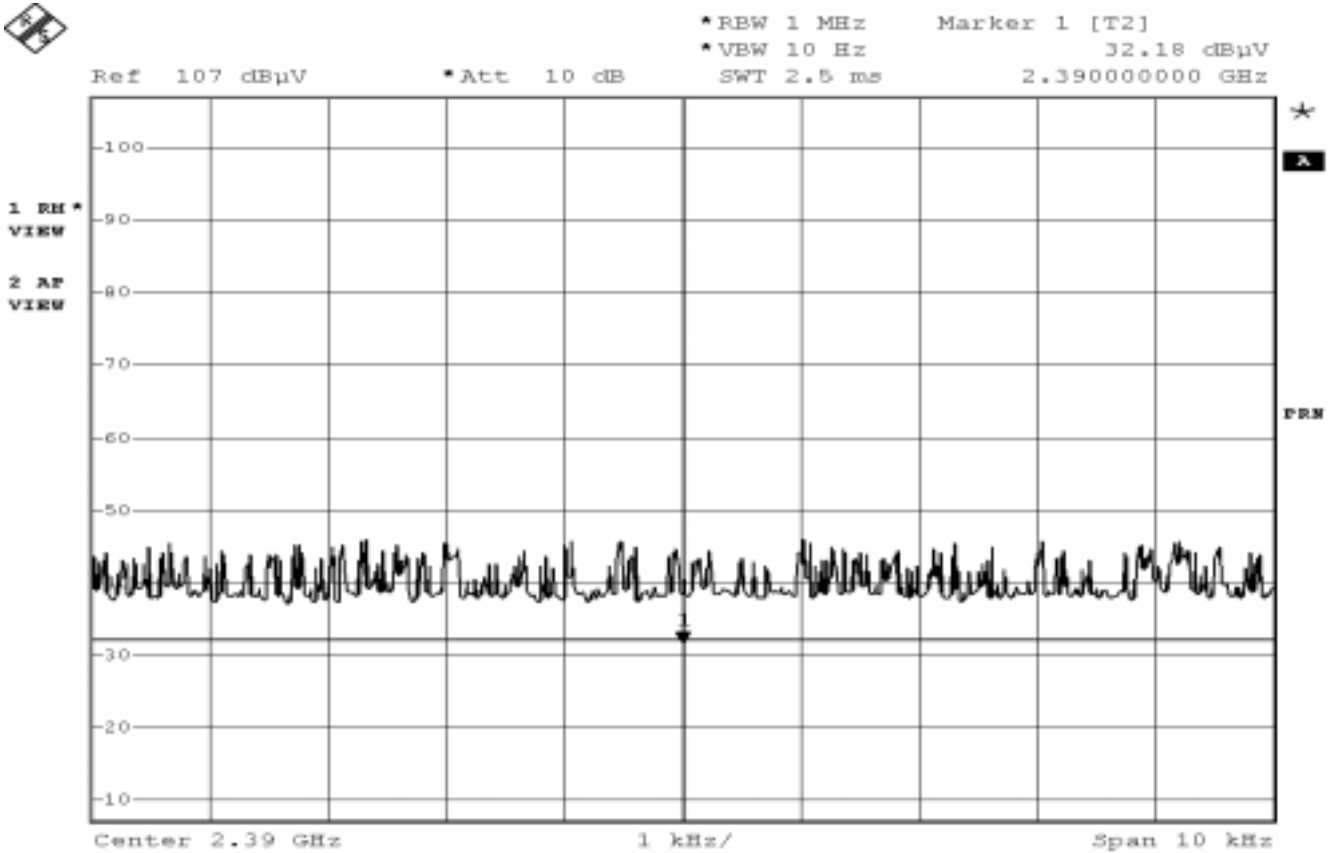
- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

Ver.



Date: 28.OCT.2002 13:08:18

Hor



Date: 29.OCT.2002 07:24:32

Measurement Result (above 1GHz)

Operation Mode: BASE TX with Antenna 1PG-24002(12dB) Test Date : 10/28/2002
 Fundamental Frequency: CH High Test By: Markba_lee
 Temperature : 28 Pol: VERTICAL
 Humidity : 60%

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)	
2483.5	65.00	33.00	-5.81	59.19	27.19	74.00	54.00	-14.81 Peak

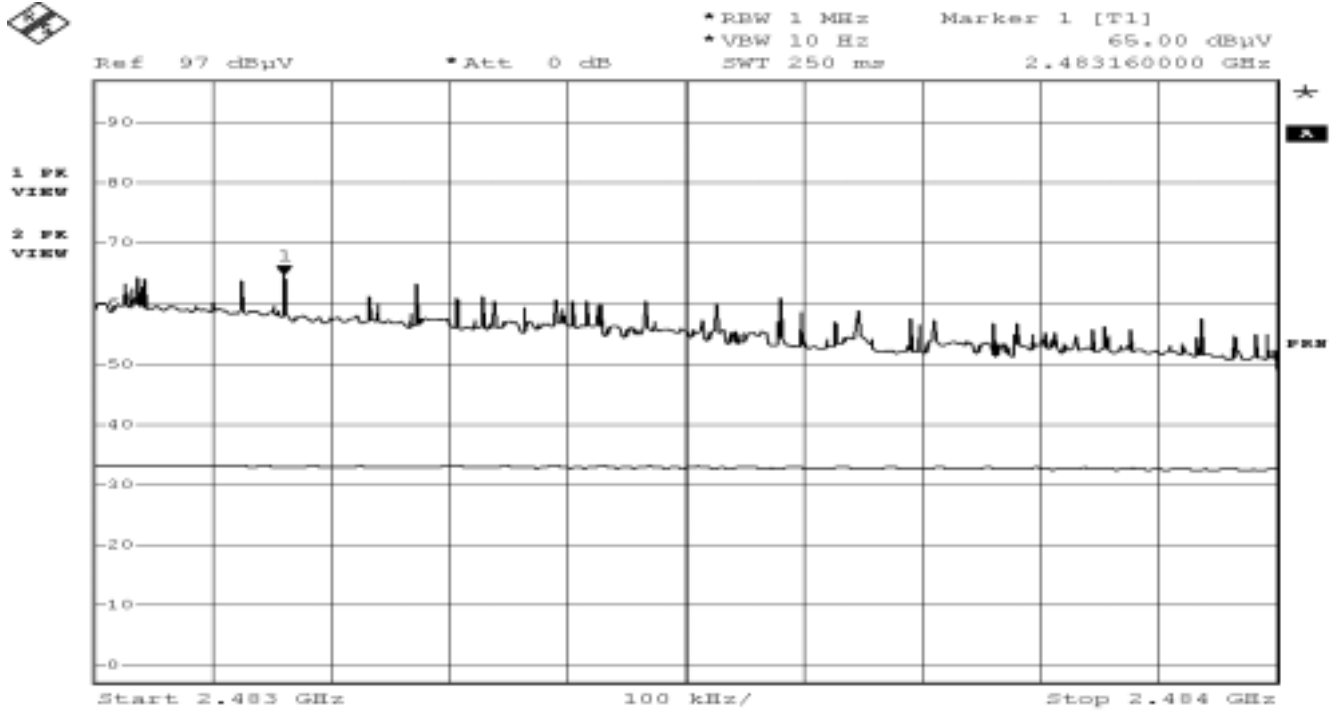
Operation Mode: BASE TX with Antenna 1PG-24002(12dB) Test Date : 10/28/2002
 Fundamental Frequency: CH High Test By: Markba_lee
 Temperature : 28 Pol: HORIZONTAL
 Humidity : 60%

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)	
2483.5	60.00	48.36	-5.81	54.19	42.55	74.00	54.00	-11.45 AV

Remark :

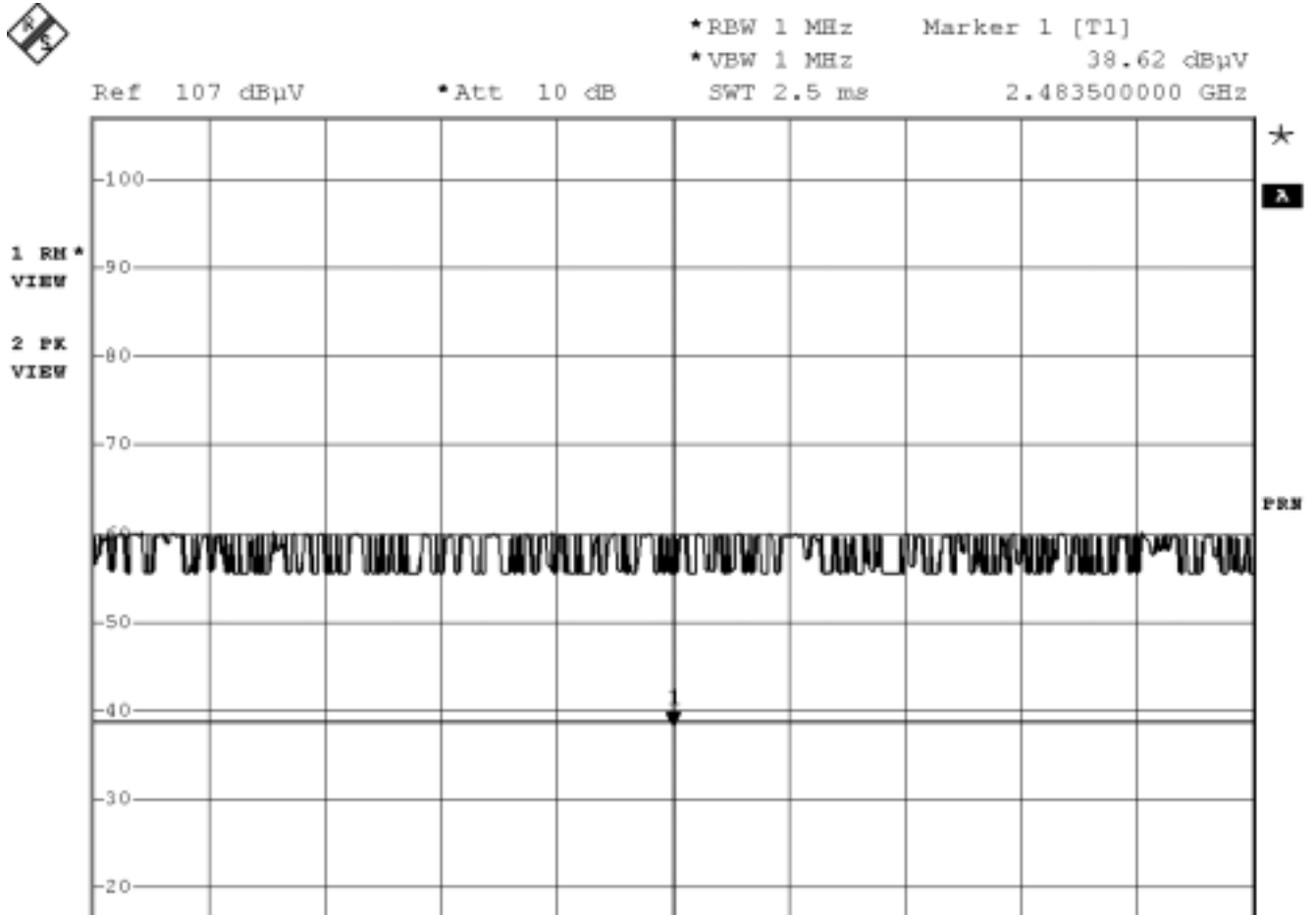
- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

Ver.



Date: 28.OCT.2002 13:16:24

Hor



Measurement Result (above 1GHz)

Operation Mode: BASE TX Mode
 Fundamental Frequency: 2401MHz (CH Low)
 Temperature : 28
 Humidity : 60%

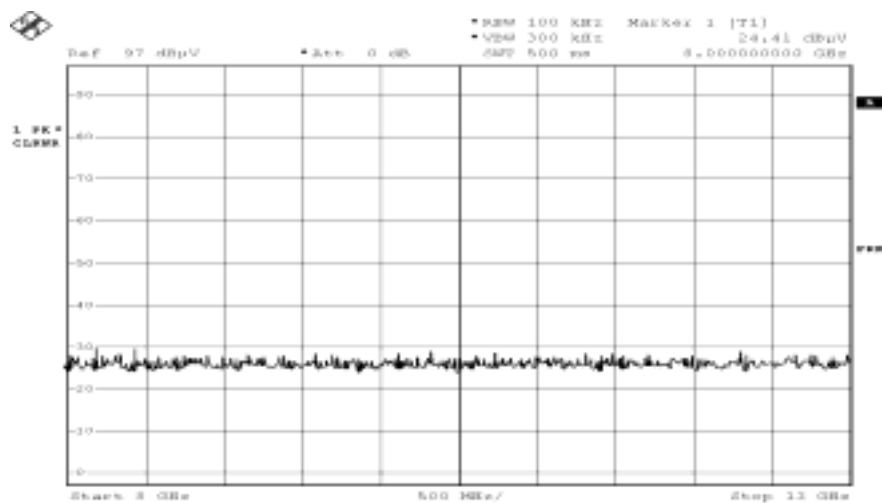
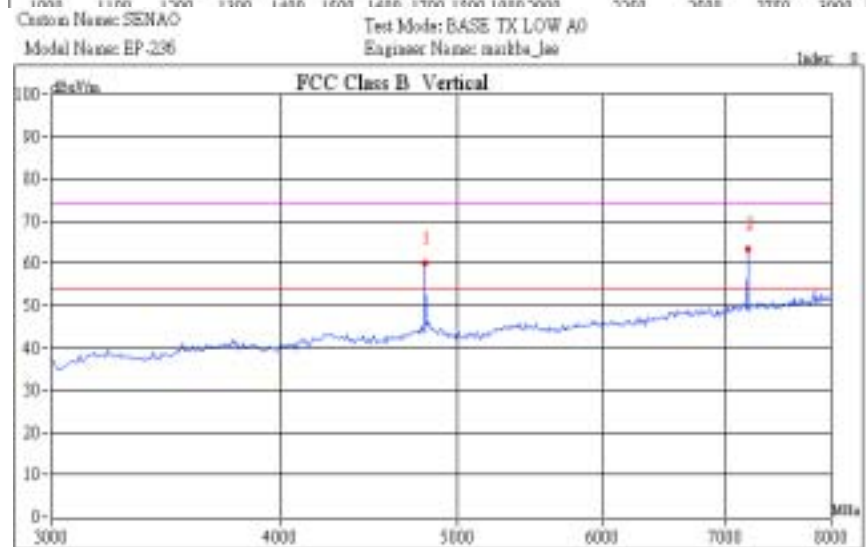
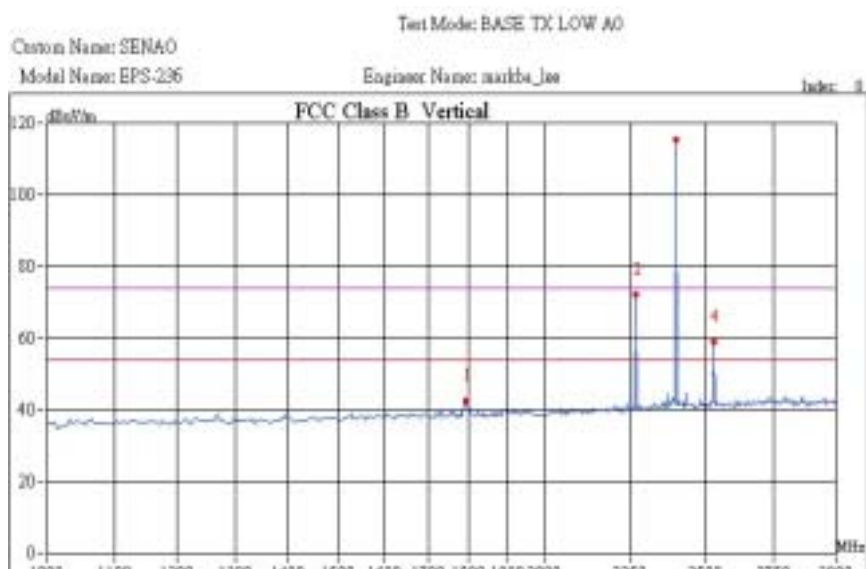
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: VERTICAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
2272.0	72.03	36.38	-6.56	65.47	29.82	74.00	54.00	-8.53	Peak
2532.0	59.07	36.09	-5.69	53.38	30.40	74.00	54.00	-20.62	Peak
4800.0	60.14	40.30	0.28	60.42	40.58	74.00	54.00	-13.42	AV
7203.0	63.49	34.88	6.20	69.69	41.08	74.00	54.00	-4.31	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

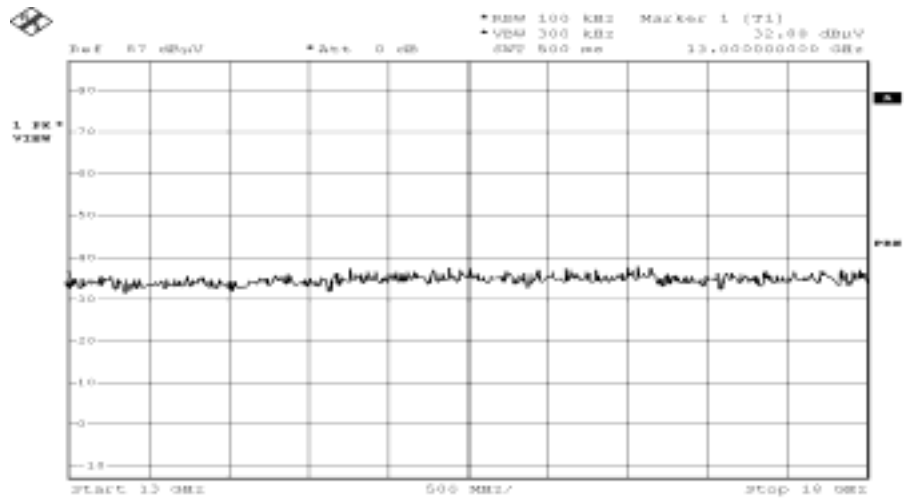
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

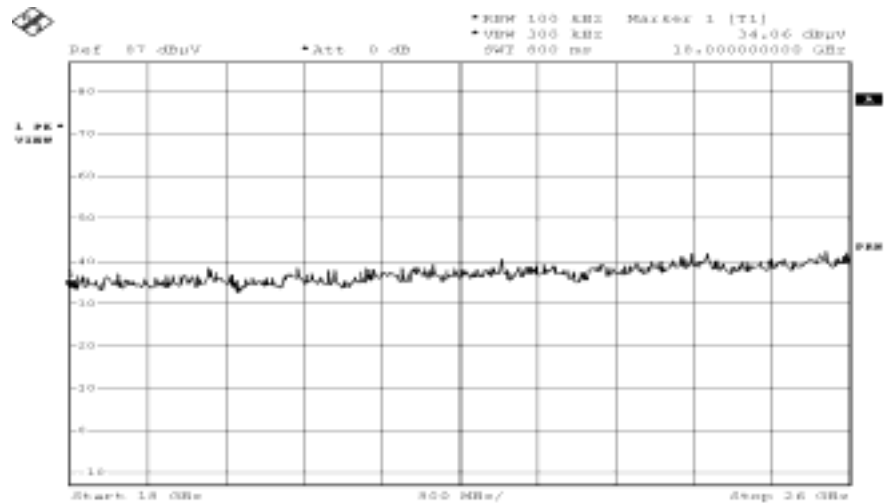
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment As TX Duty cycle
Date 18 SEP 2002 06:11:53



Comment As TX Duty cycle
Date 18 SEP 2002 06:12:50

Operation Mode: BASE TX Mode
Fundamental Frequency: 2401MHz (CH Low)
Temperature : 28
Humidity : 60%

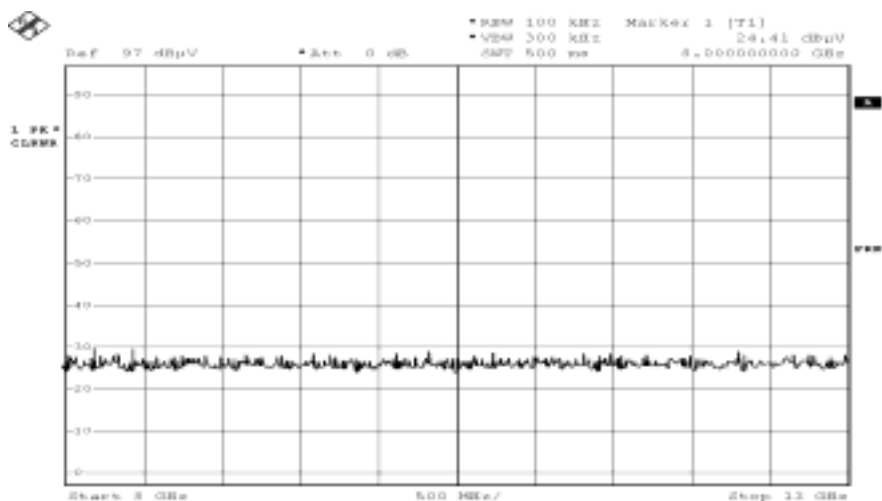
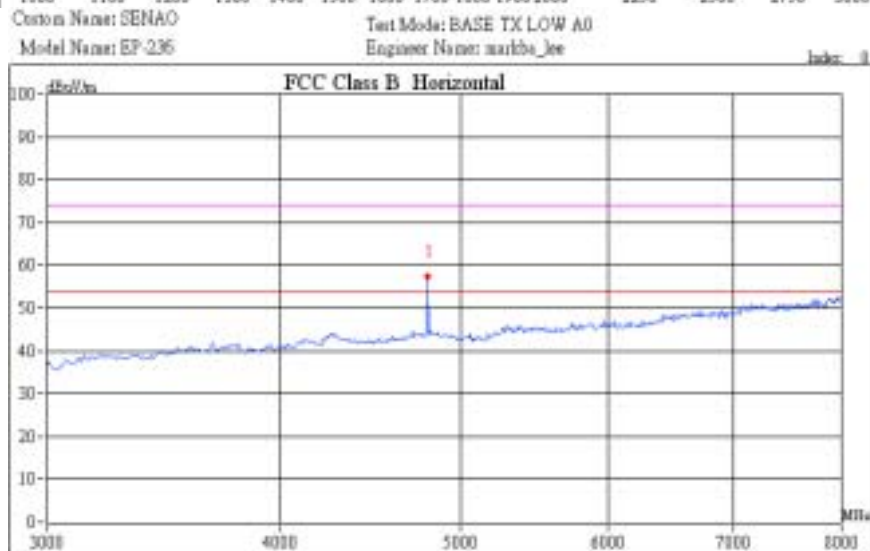
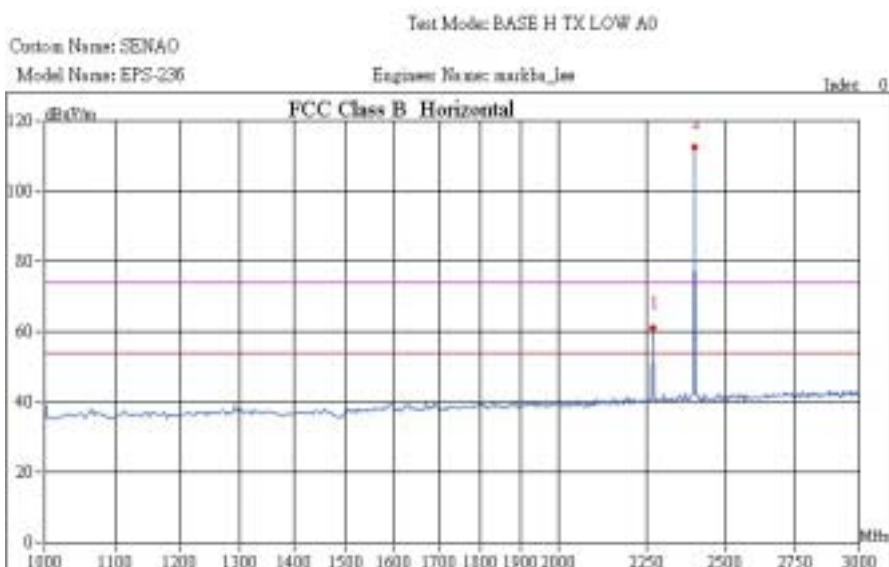
Test Date : 7/22/2002
Test By: Markbe_lee
Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
2272.0	61.20	32.66	-6.56	54.64	26.10	74.00	54.00	-19.36	Peak
4800.0	57.32	40.21	0.28	57.60	40.49	74.00	54.00	-13.51	AV
7203.0	---	---	---	---	---	---	---	---	---
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

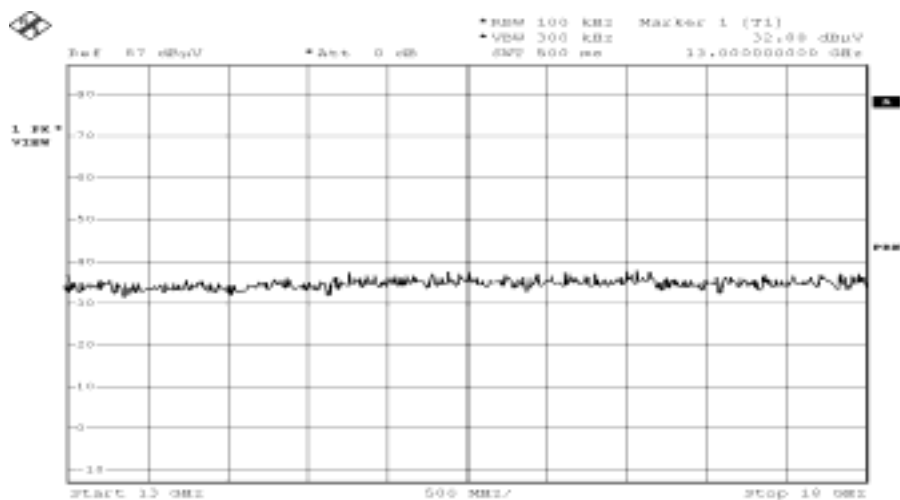
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

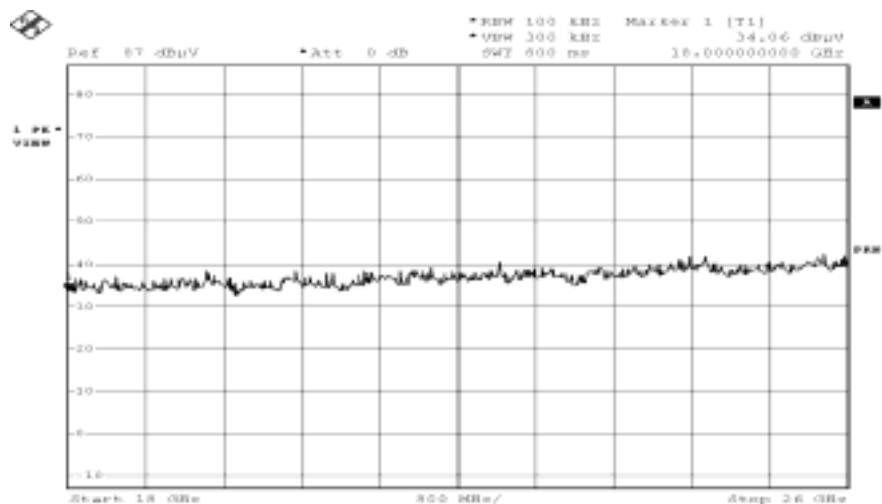
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode
Fundamental Frequency: 2442Hz (CH MID)
Temperature : 28
Humidity : 60%

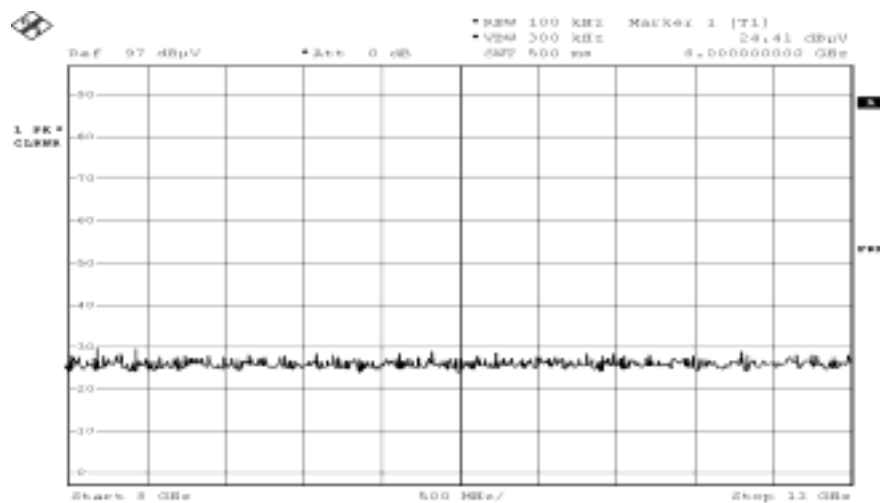
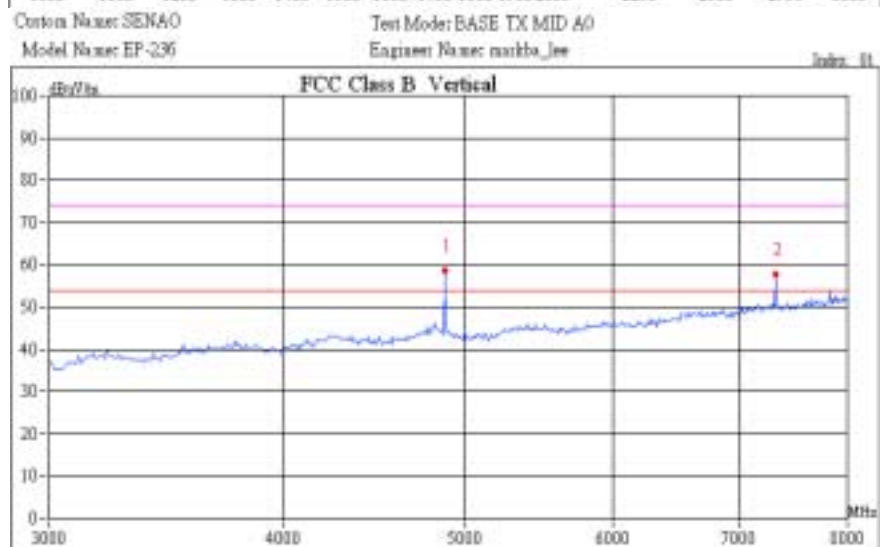
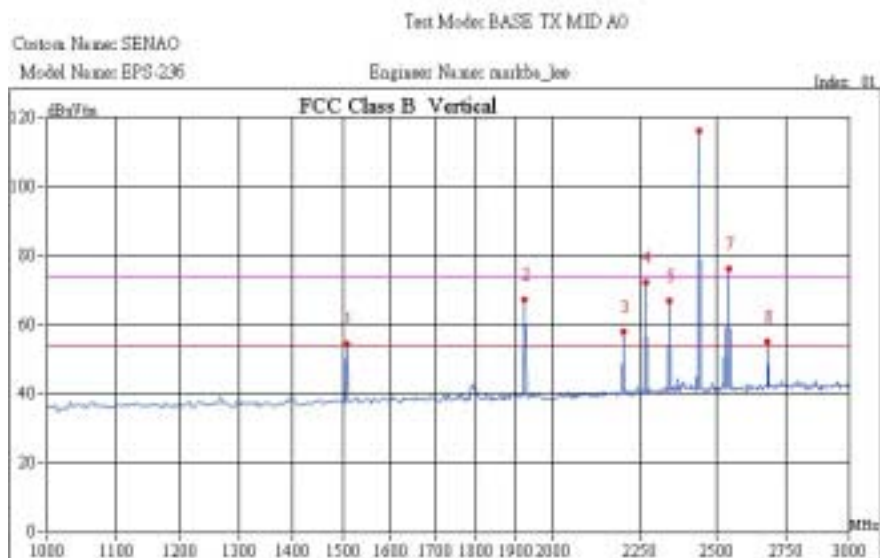
Test Date : 7/22/2002
Test By: Markbe_lee
Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1508.0	54.11	33.23	-9.36	44.75	23.87	74.00	54.00	-29.25	Peak
1924.0	67.26	37.26	-7.90	59.36	29.36	74.00	54.00	-14.64	Peak
2204.0	57.87	32.79	-6.82	51.05	25.97	74.00	54.00	-22.95	Peak
2344.0	66.71	33.03	-6.30	60.41	26.73	74.00	54.00	-13.59	Peak
2544.0	76.13	32.85	-5.67	70.46	27.18	74.00	54.00	-3.54	Peak
2684.0	55.07	32.84	-5.36	49.71	27.48	74.00	54.00	-24.29	Peak
4880.0	58.71	34.92	0.35	59.06	35.27	74.00	54.00	-14.94	Peak
7330.0	57.85	35.64	6.42	64.27	42.06	74.00	54.00	-9.73	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

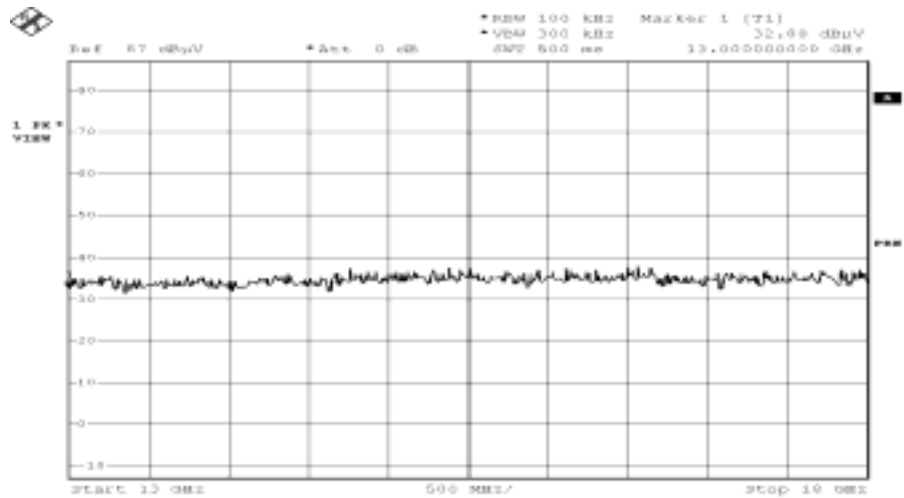
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

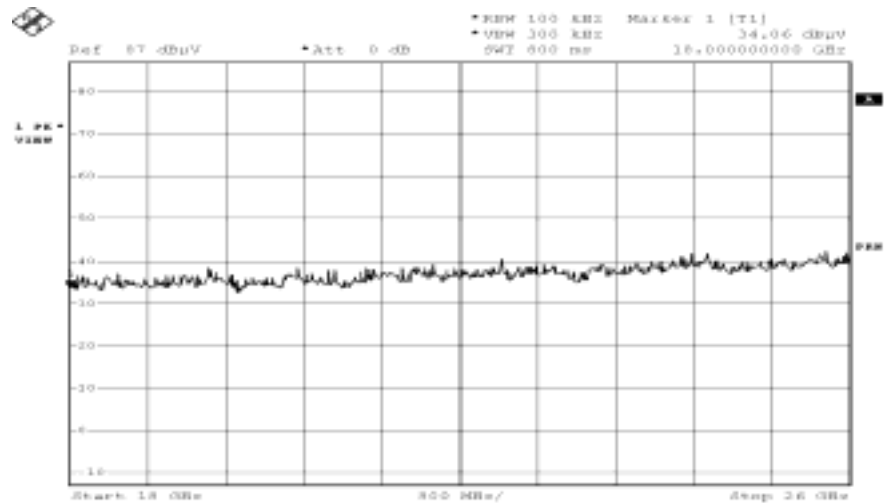
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment As TX Duty cycle
Date 18. SEP. 2002 06:11:53



Comment As TX Duty cycle
Date 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode
 Fundamental Frequency: 2442MHz (CH MID)
 Temperature : 28
 Humidity : 60%

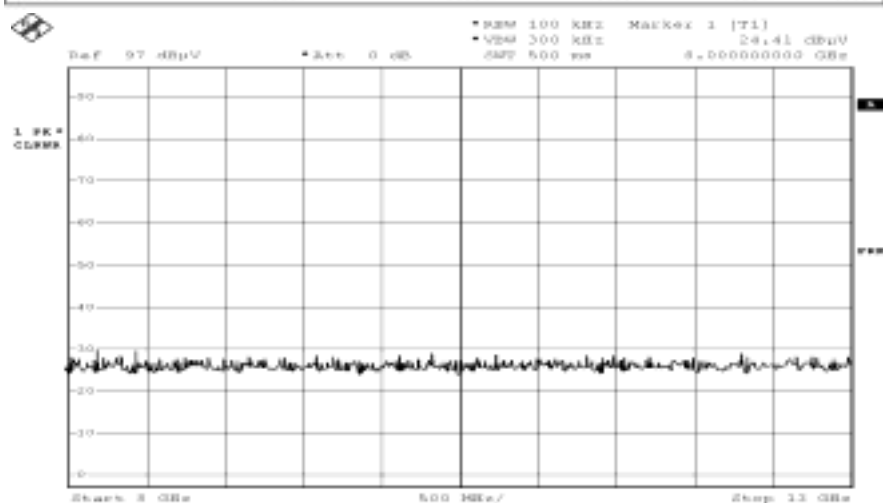
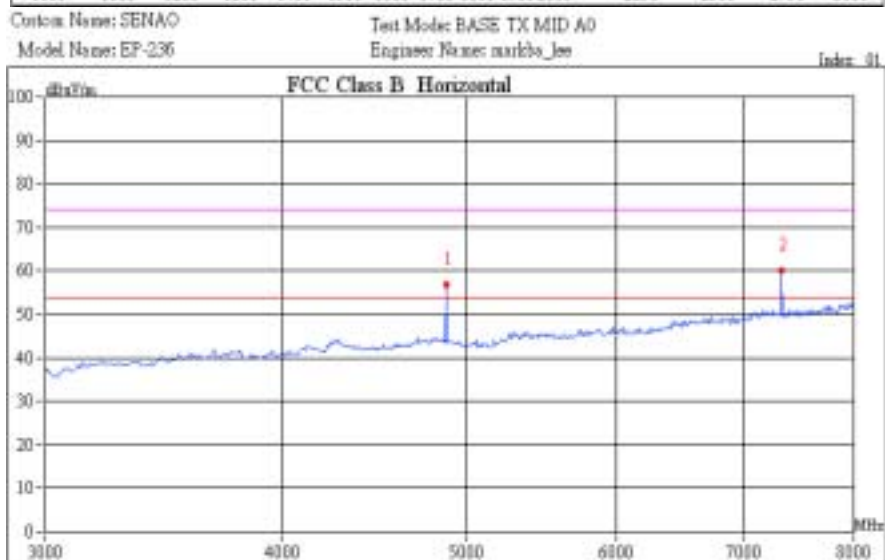
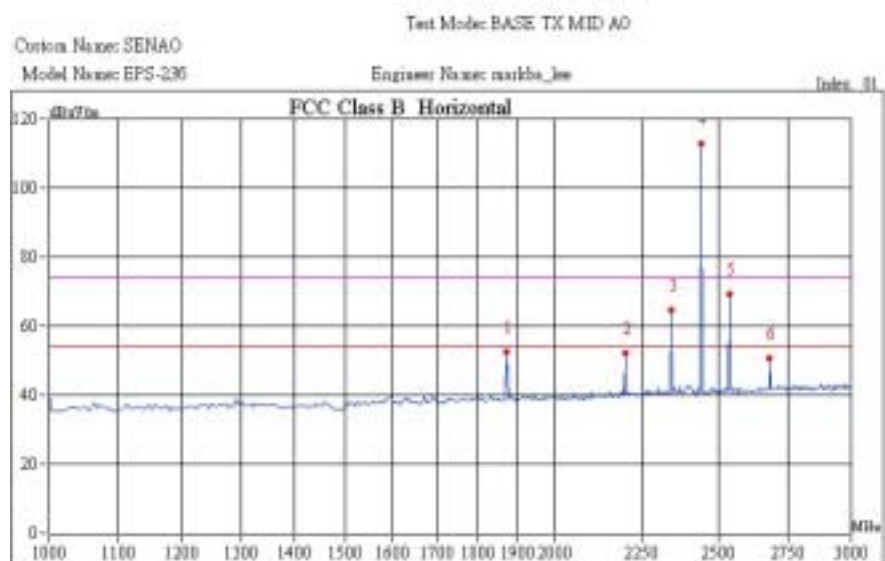
Test Date : 7/22/2002
 Test By: Markbe_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
1872.0	52.54	32.55	-8.03	44.51	24.52	74.00	54.00	-29.48	AV
2204.0	52.04	34.21	-6.84	45.20	27.37	74.00	54.00	-26.63	AV
2344.0	64.49	32.93	-6.30	58.19	26.63	74.00	54.00	-15.81	Peak
2540.0	69.31	32.69	-5.67	63.64	27.02	74.00	54.00	-10.36	Peak
2684.0	50.79	33.65	-5.36	45.43	28.29	74.00	54.00	-25.71	AV
4880.0	56.84	34.71	0.35	57.19	35.06	74.00	54.00	-16.81	Peak
7330.0	60.16	35.64	6.42	66.58	42.06	74.00	54.00	-7.42	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

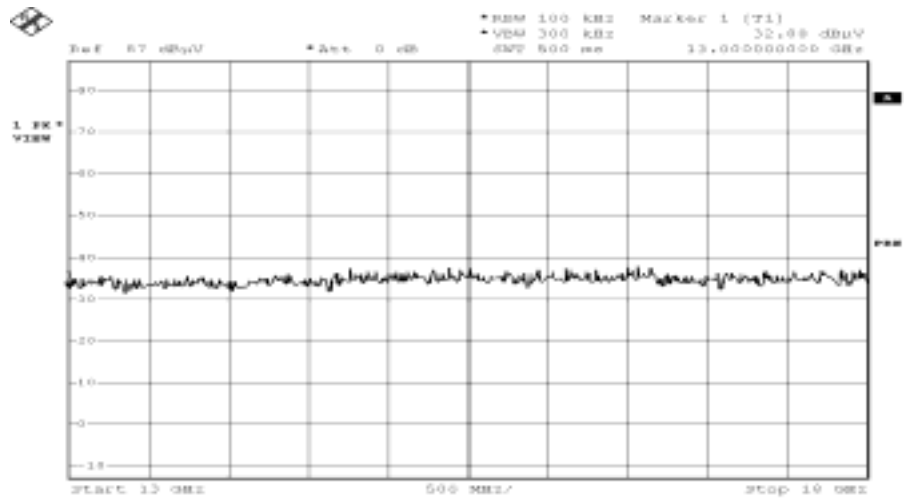
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
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- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

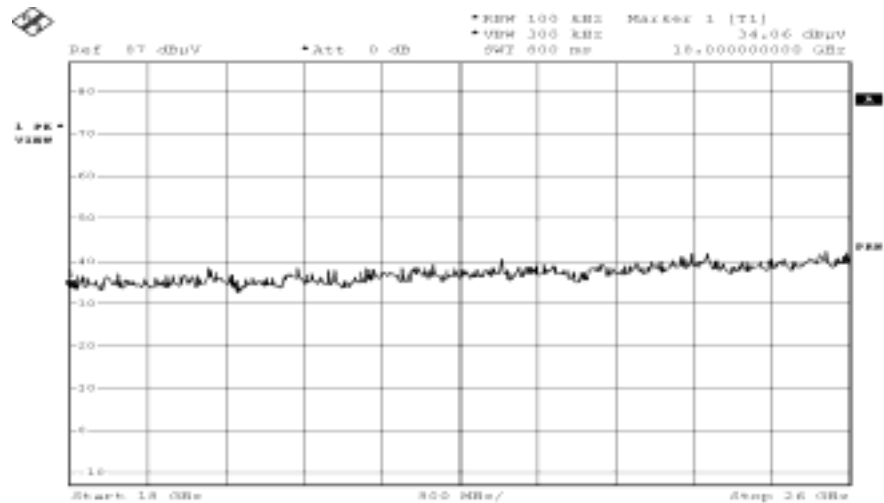
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment As TX Duty cycle
Date 18. SEP. 2002 06:11:53



Comment As TX Duty cycle
Date 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode
Fundamental Frequency: 2480MHz (CH High)
Temperature : 28
Humidity : 60%

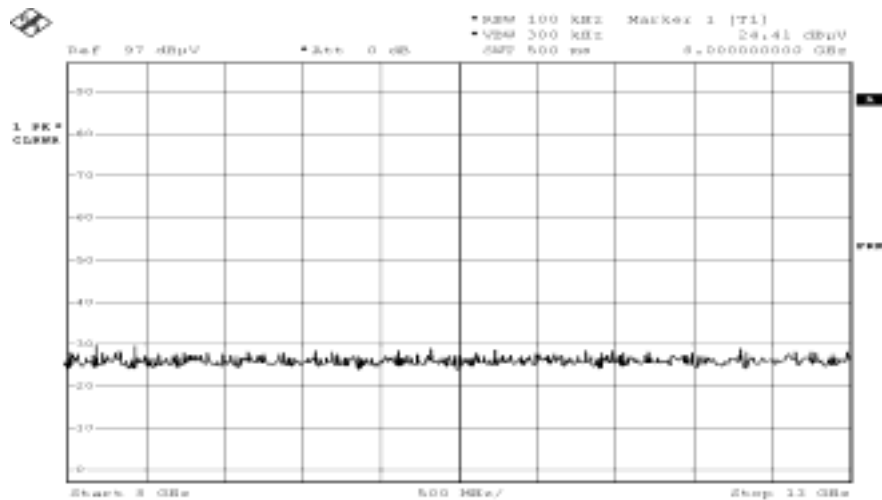
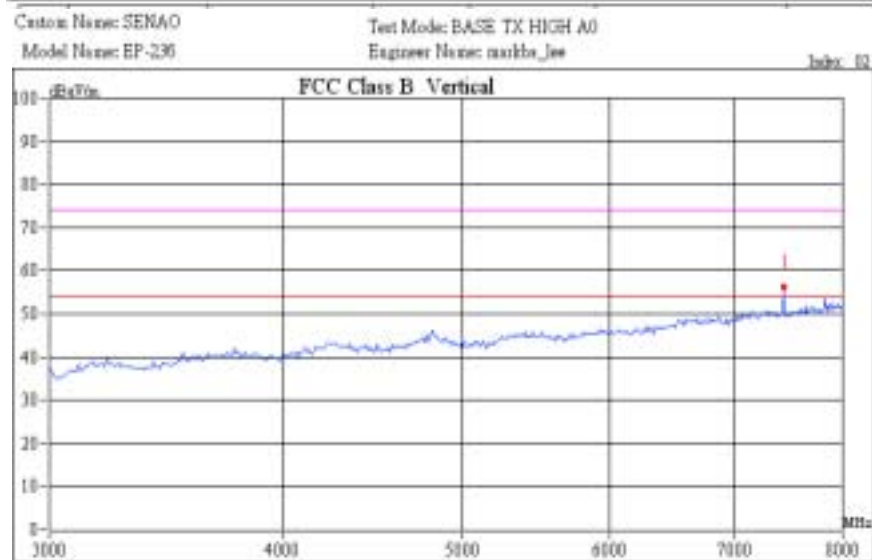
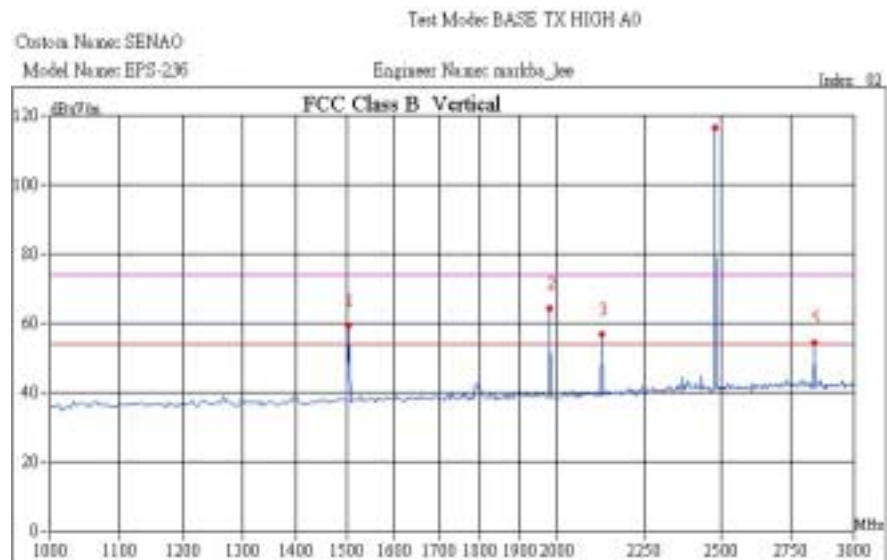
Test Date : 7/22/2002
Test By: Markbe_lee
Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1504.0	59.42	32.97	-9.38	50.04	23.59	74.00	54.00	-23.96	Peak
1980.0	64.17	37.09	-7.67	56.50	29.42	74.00	54.00	-17.50	Peak
2124.0	56.87	33.07	-7.12	49.75	25.95	74.00	54.00	-24.25	Peak
2846.0	54.40	23.17	-5.00	49.40	18.17	74.00	54.00	-24.60	Peak
7440.0	56.20	33.65	6.60	62.80	40.25	74.00	54.00	-11.20	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

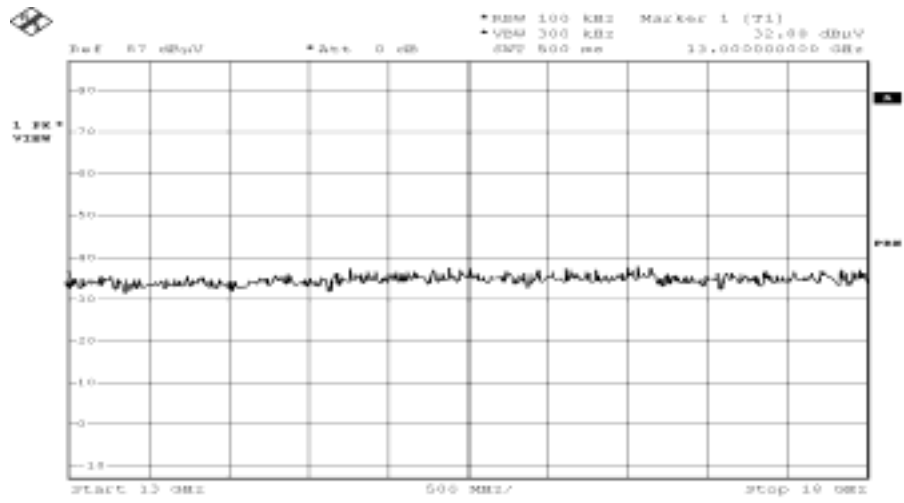
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

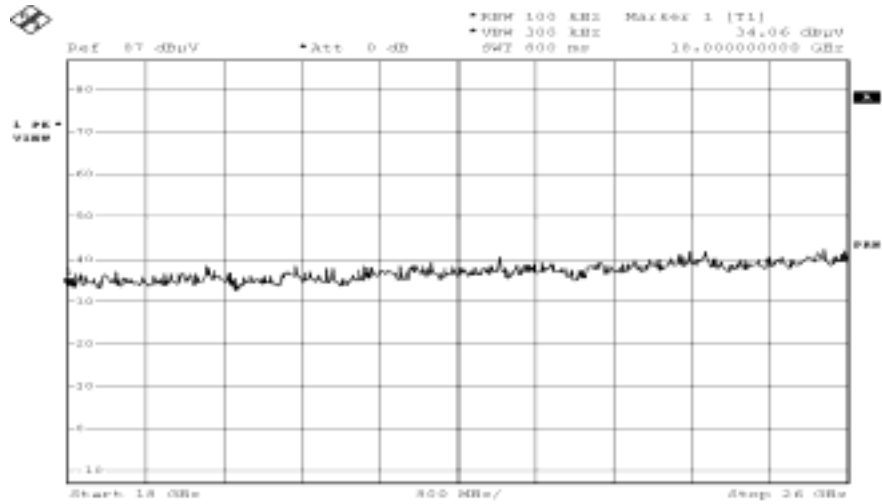
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode
Fundamental Frequency: 2480MHz (CH High)
Temperature : 28
Humidity : 60%

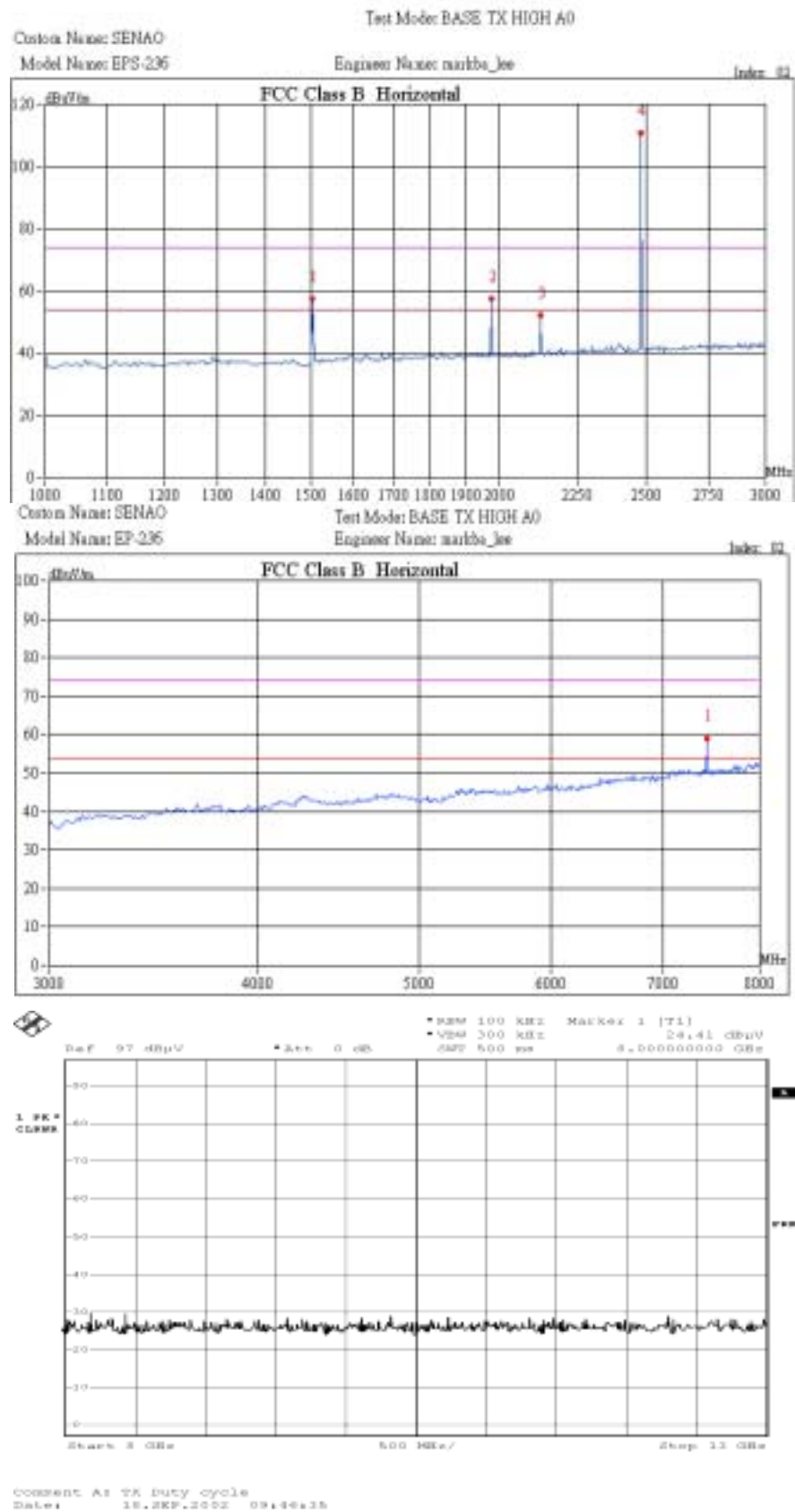
Test Date : 7/22/2002
Test By: Markbe_lee
Pol: HORIZONTAL

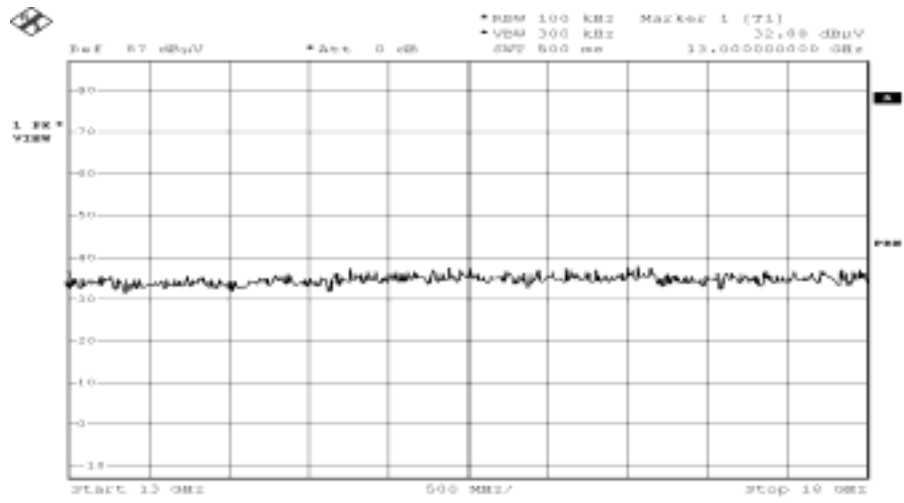
Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1504.0	57.58	33.23	-9.37	48.21	23.86	74.00	54.00	-25.79	Peak
1976.0	57.41	32.43	-7.67	49.74	24.76	74.00	54.00	-24.26	Peak
2128.0	52.18	33.10	-7.12	45.06	25.98	74.00	54.00	-28.02	AV
7440.0	59.02	33.23	6.60	65.62	39.83	74.00	54.00	-8.38	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

Remark :

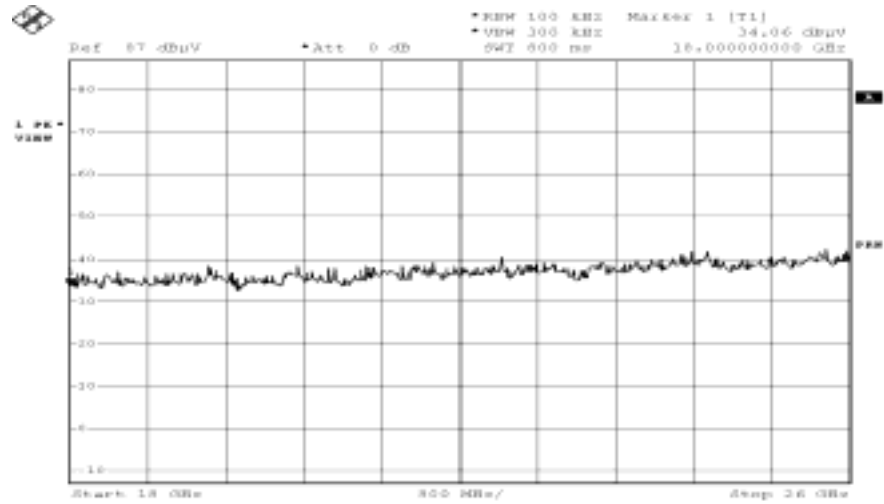
- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

15.209 Radiated Emission Test Plot





Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Measurement Result (above 1GHz)

Operation Mode: BASE TX Mode Antenna 1
 Fundamental Frequency: 2401Hz (CH Low)
 Temperature : 28
 Humidity : 60%

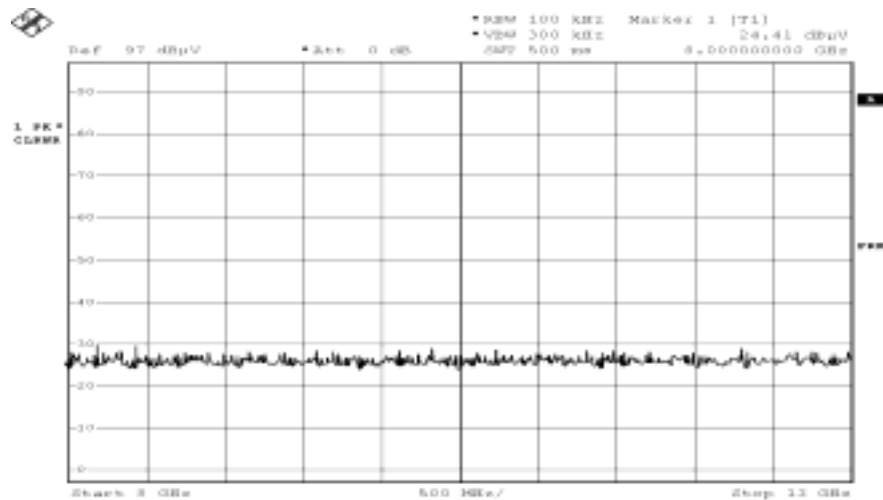
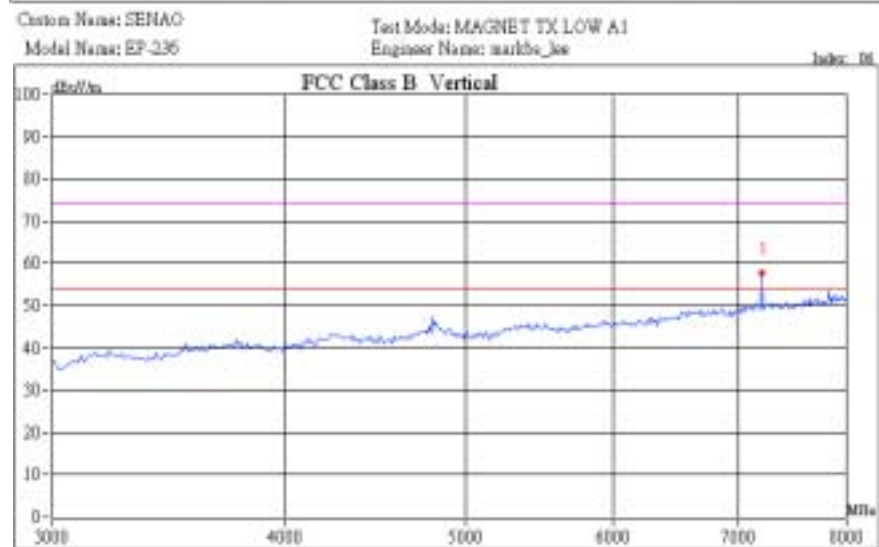
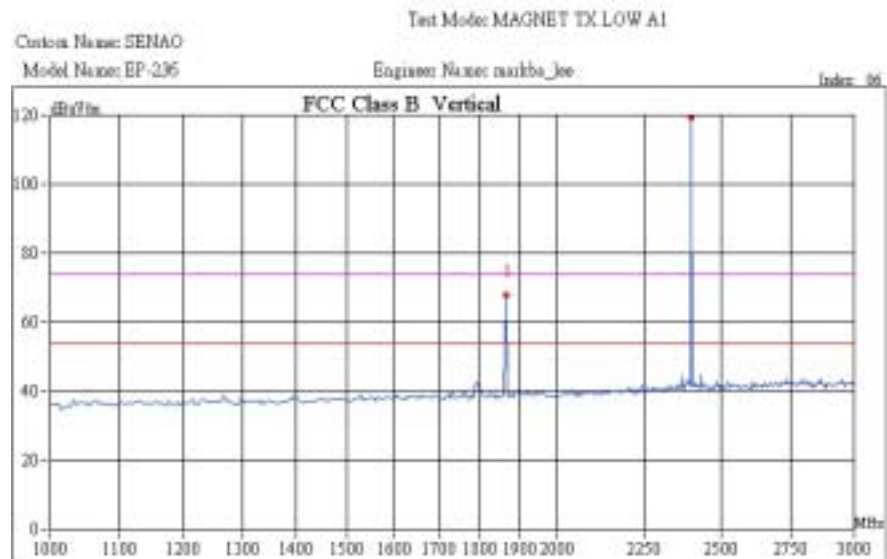
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: VERTICAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
1864.0	67.90	37.75	-11.13	56.77	26.62	74.00	54.00	-17.23	Peak
7210.0	57.85	32.99	6.22	64.07	39.21	74.00	54.00	-9.93	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

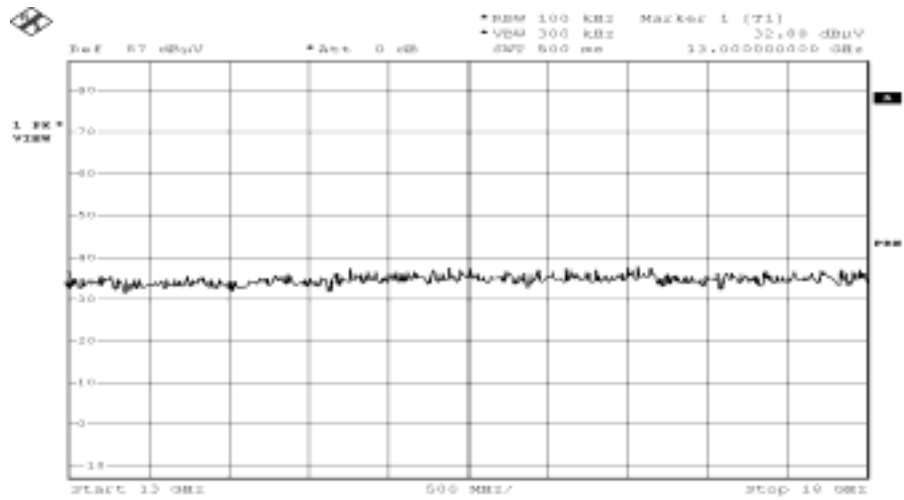
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

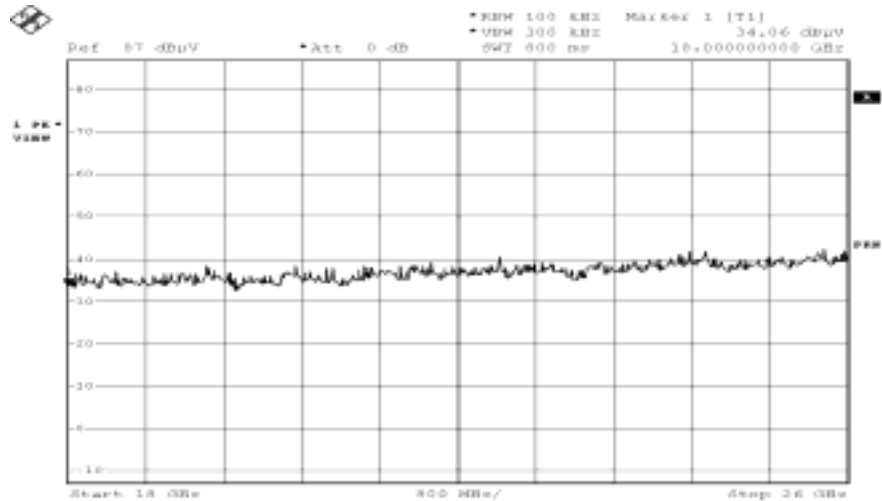
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 1
Fundamental Frequency: 2401MHz (CH Low)
Temperature : 28
Humidity : 60%

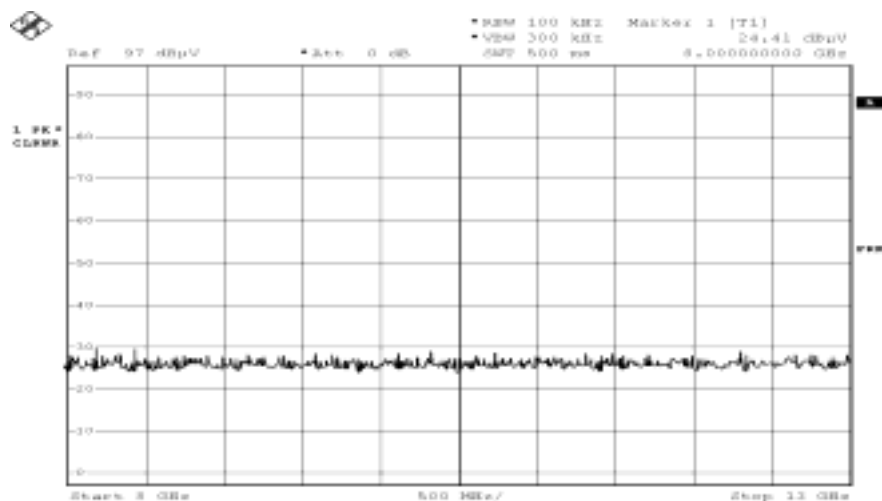
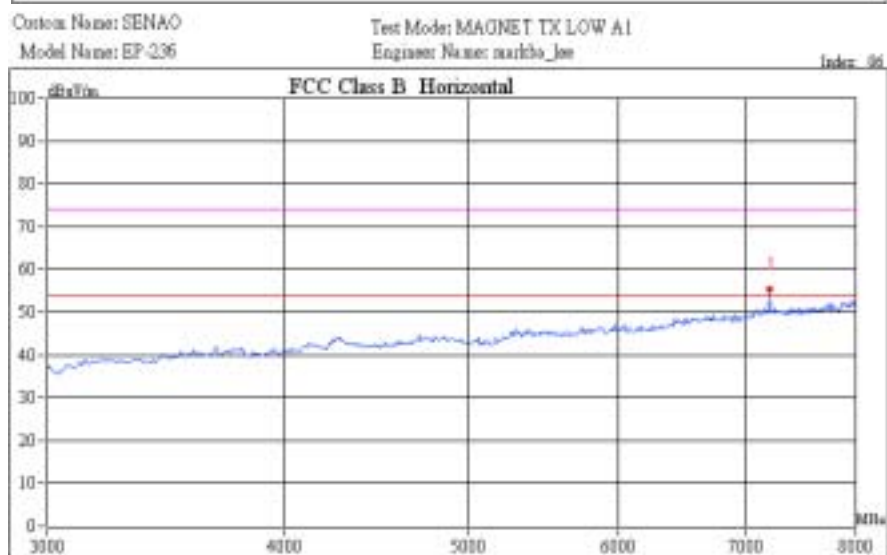
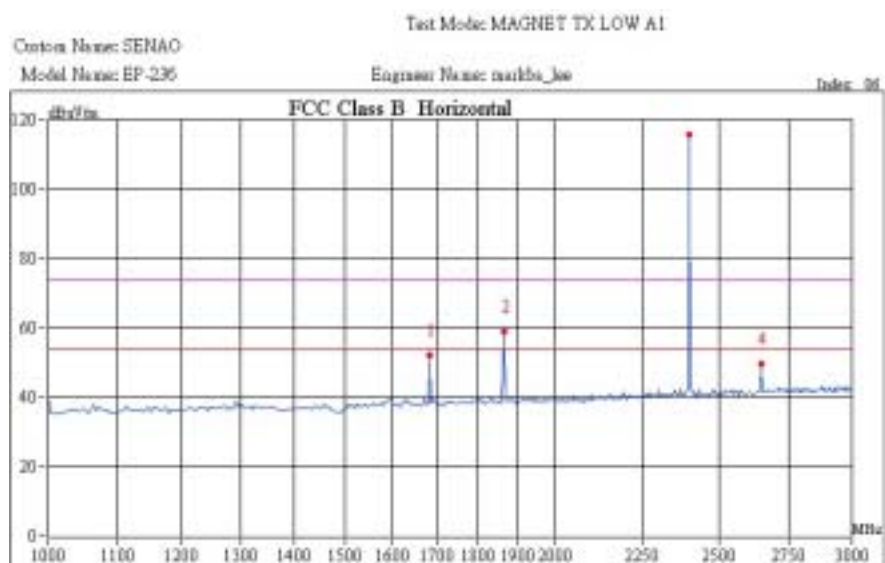
Test Date : 7/22/2002
Test By: Markba_lee
Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1684.0	52.27	33.45	-8.65	43.62	24.80	74.00	54.00	-29.20	AV
1864.0	59.68	34.59	-8.13	51.55	26.46	74.00	54.00	-22.45	Peak
2652.0	49.49	33.27	-5.44	44.05	27.83	74.00	54.00	-26.17	AV
7210.0	55.34	36.71	6.90	62.24	43.61	74.00	54.00	-10.39	AV
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

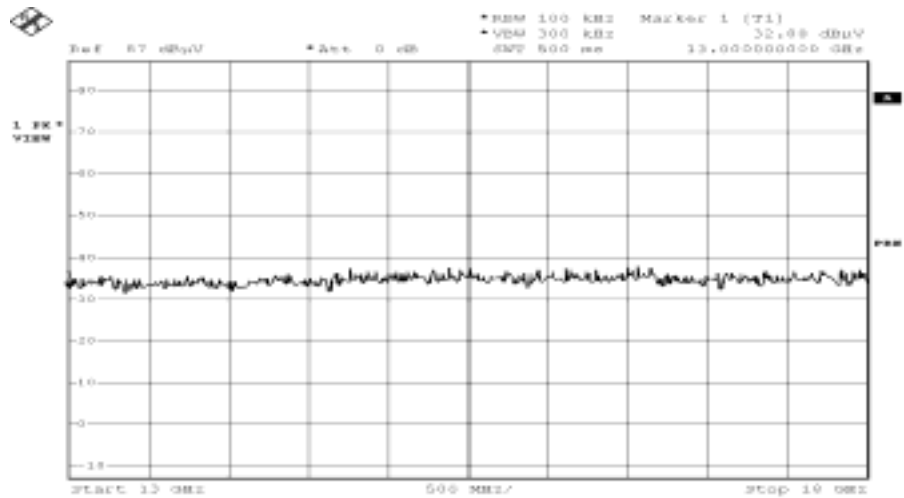
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

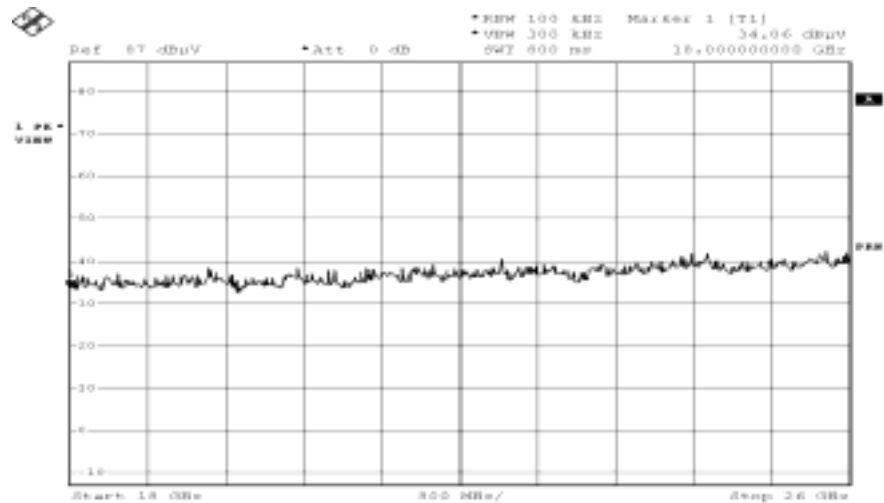
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18. SEP. 2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 1
 Fundamental Frequency: 2442Hz (CH MID)
 Temperature : 28
 Humidity : 60%

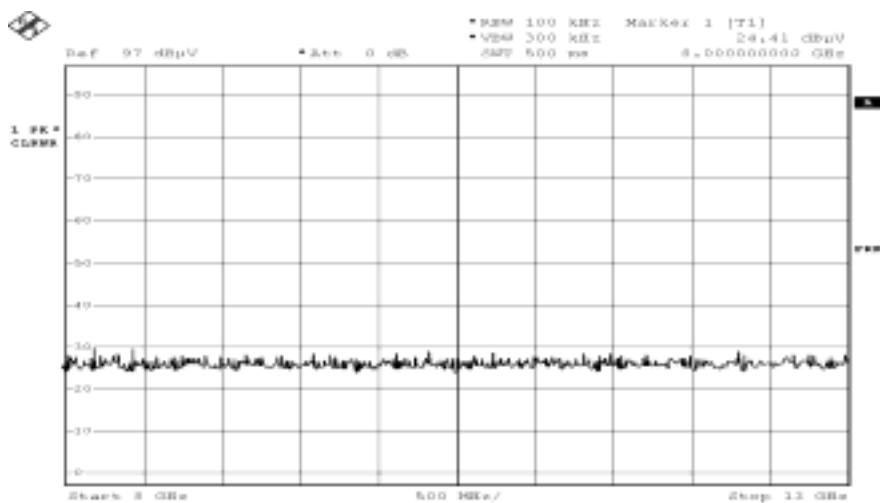
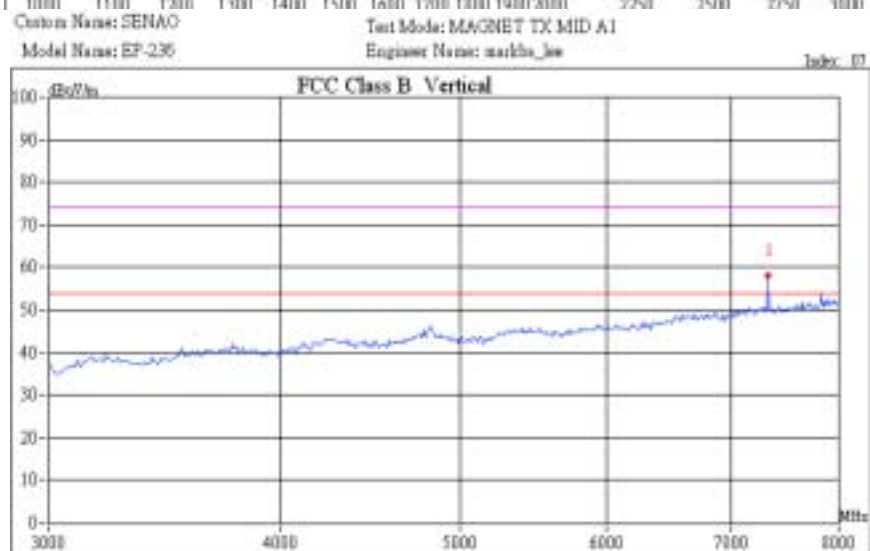
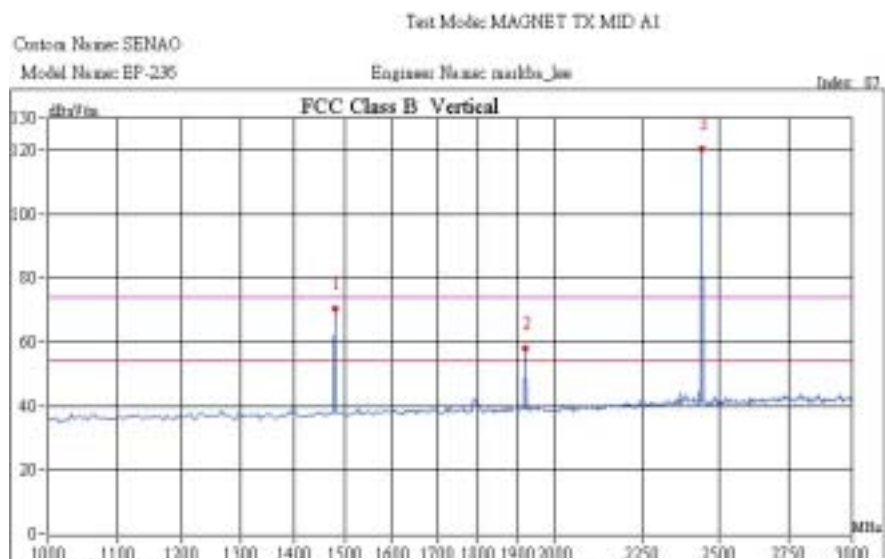
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1480.0	70.54	36.71	-8.86	61.68	27.85	74.00	54.00	-12.32	Peak
1920.0	57.85	36.97	-7.09	50.76	29.88	74.00	54.00	-23.24	Peak
7330.0	58.07	33.28	9.02	67.09	42.30	74.00	54.00	-6.91	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

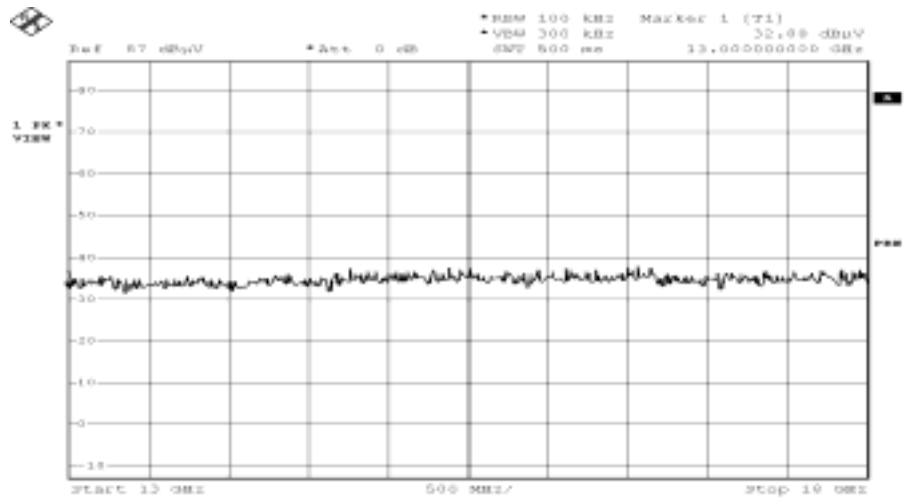
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

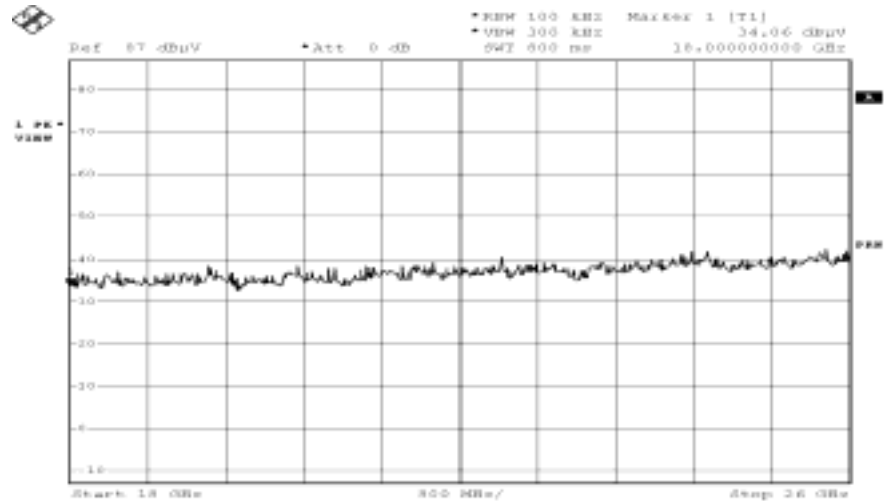
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 1
 Fundamental Frequency: 2442MHz (CH MID)
 Temperature : 28
 Humidity : 60%

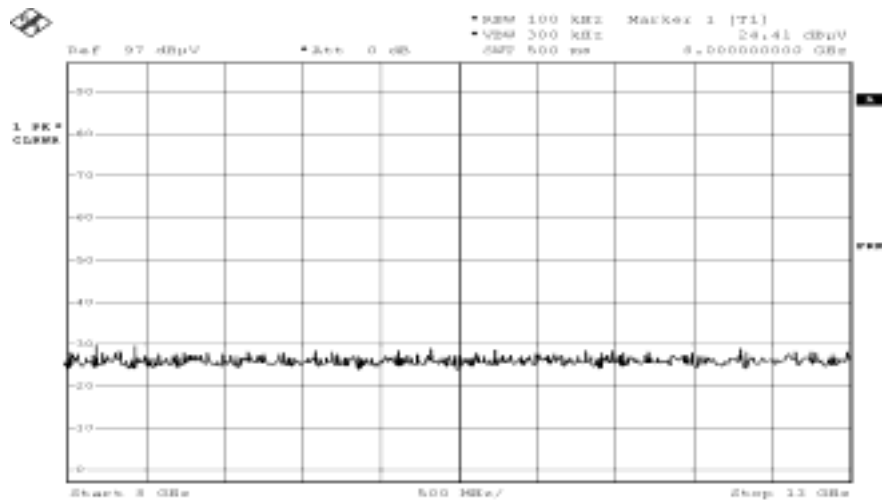
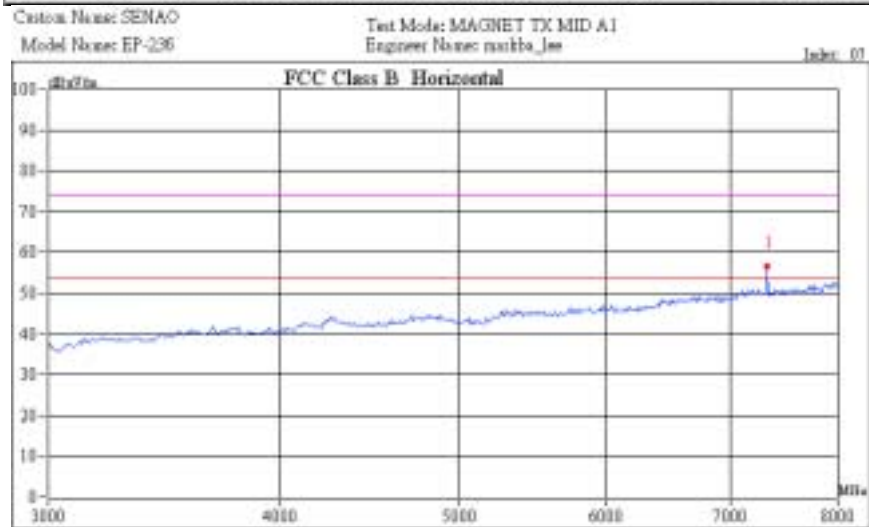
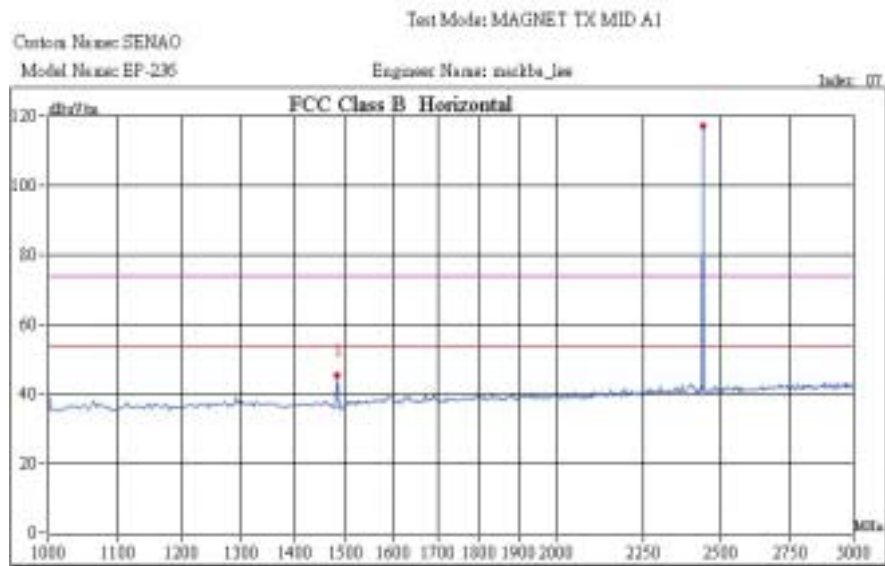
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1480.0	45.32	25.17	-8.83	36.49	16.34	74.00	54.00	-37.51	Peak
7330.0	56.46	32.84	9.02	65.48	41.86	74.00	54.00	-8.52	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

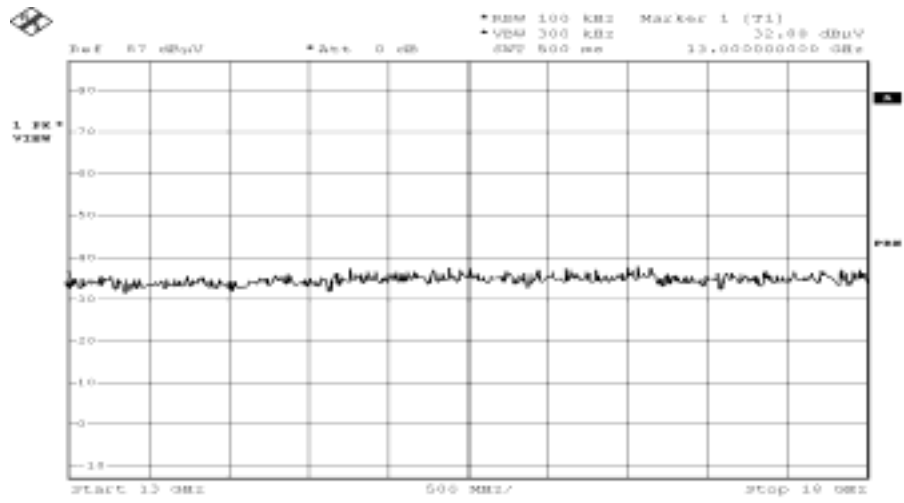
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

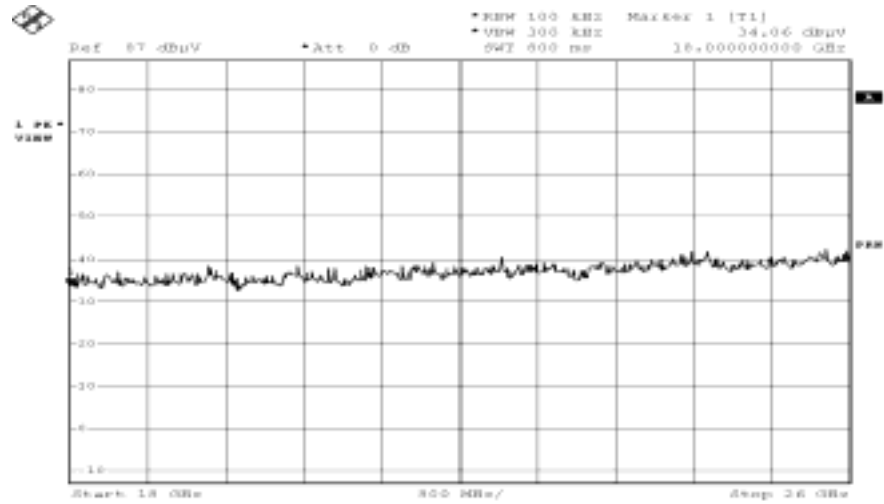
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 1
Fundamental Frequency: 2480MHz (CH High)
Temperature: 28
Humidity: 60%

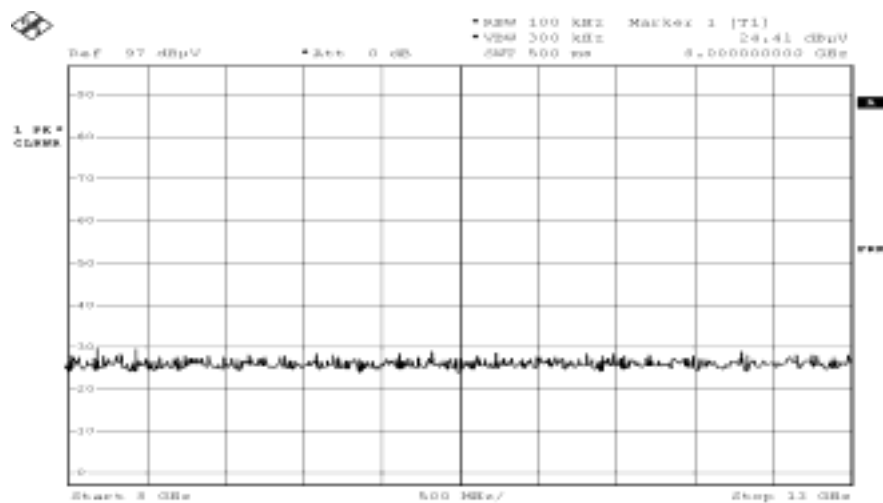
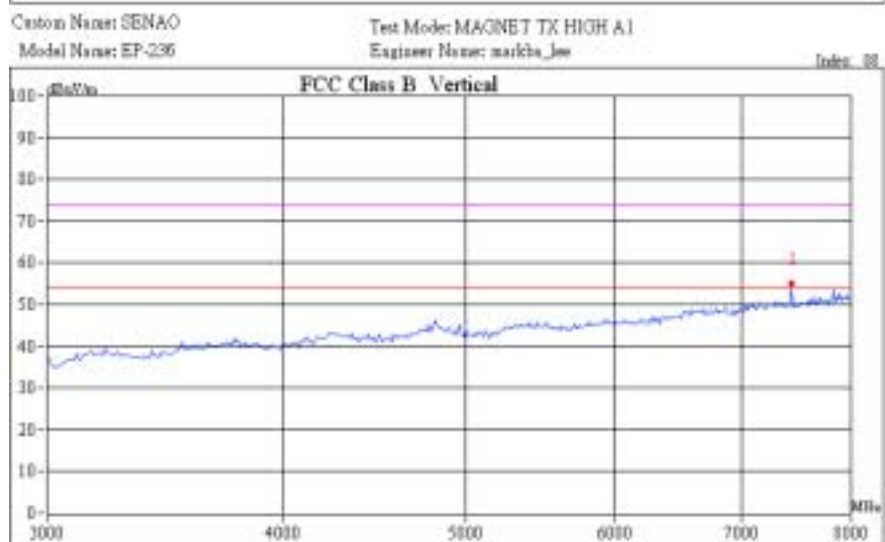
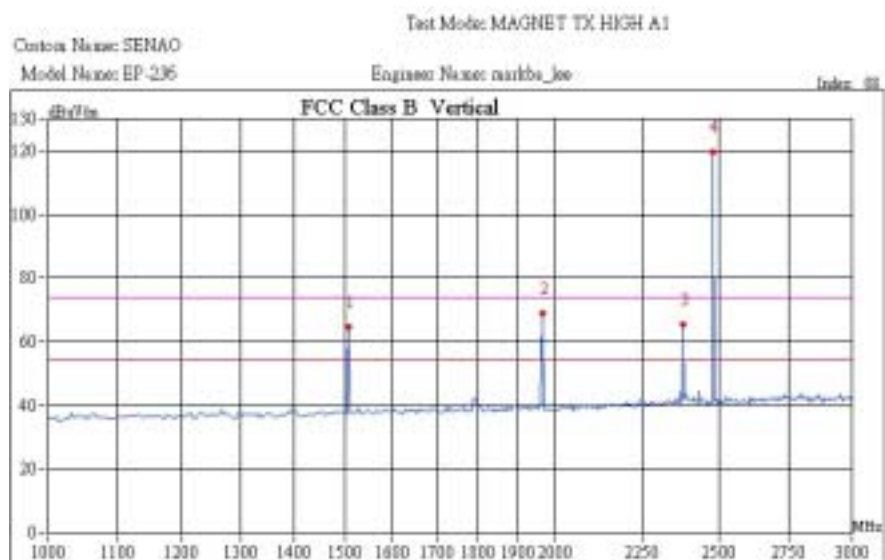
Test Date : 7/22/2002
Test By: Markba_lee
Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1508.0	64.74	36.72	-9.36	55.38	27.36	74.00	54.00	-18.62	Peak
1964.0	68.74	36.49	-7.74	61.00	28.75	74.00	54.00	-13.00	Peak
2380.0	65.38	38.10	-6.19	59.19	31.91	74.00	54.00	-14.81	Peak
7440.0	55.17	32.31	6.60	61.77	38.91	74.00	54.00	-12.23	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

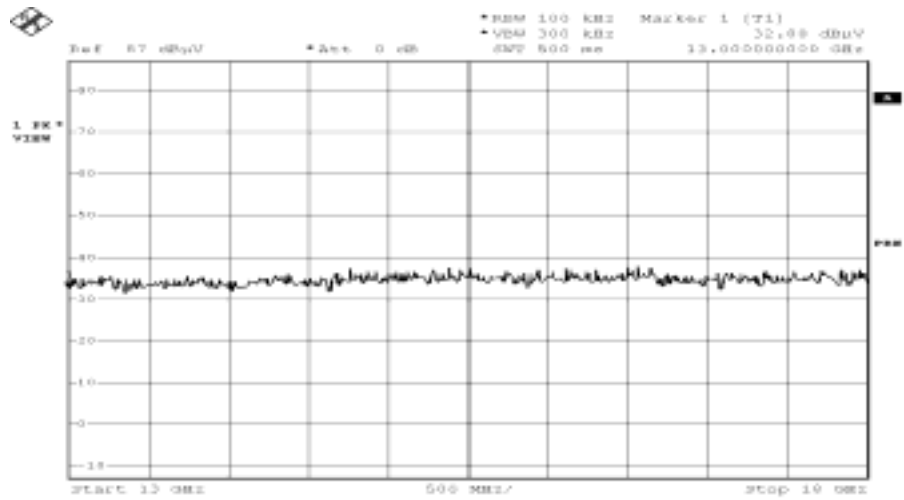
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

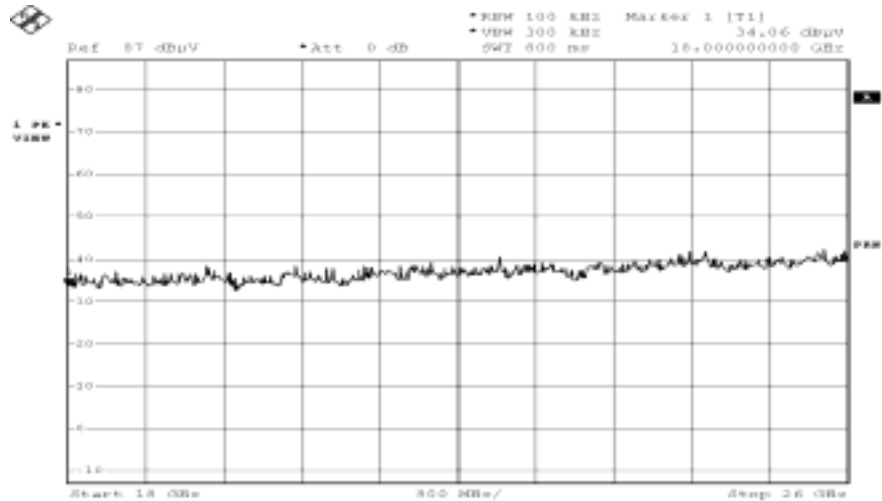
15.209 Radiated Emission Test Plot



Comment: As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 1
Fundamental Frequency: 2480MHz (CH High)
Temperature : 28
Humidity : 60%

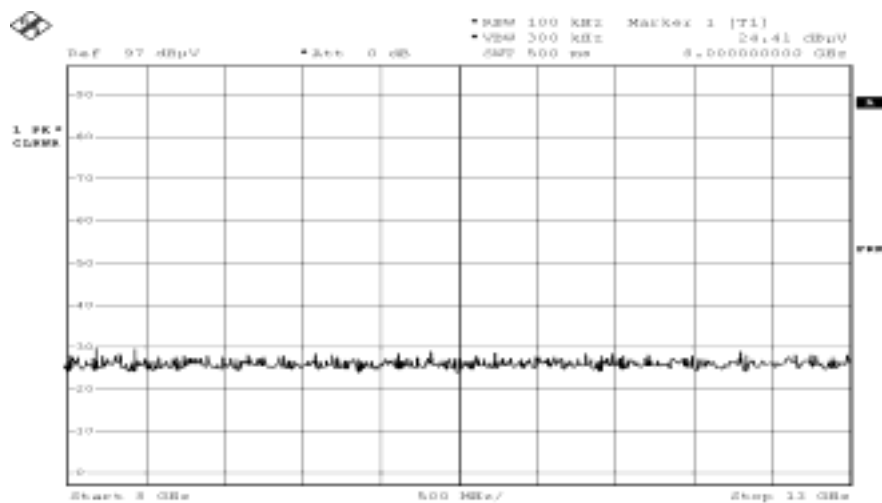
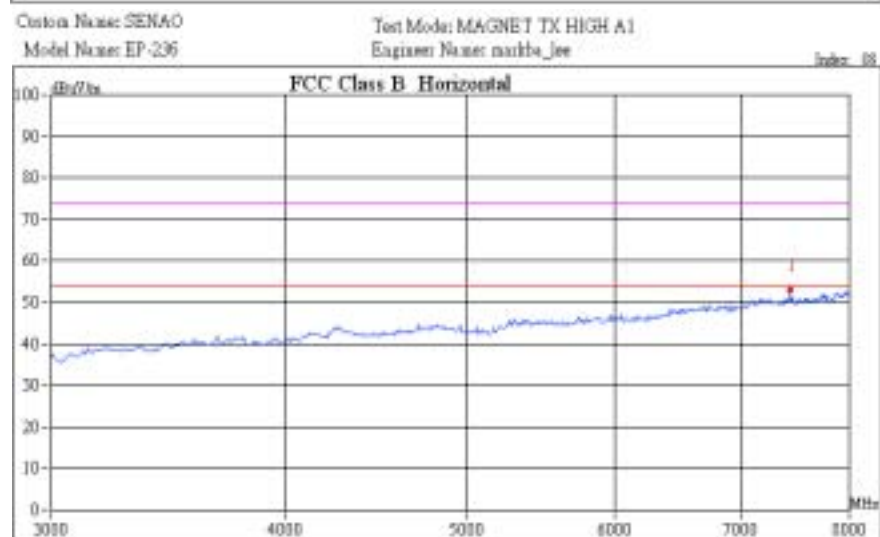
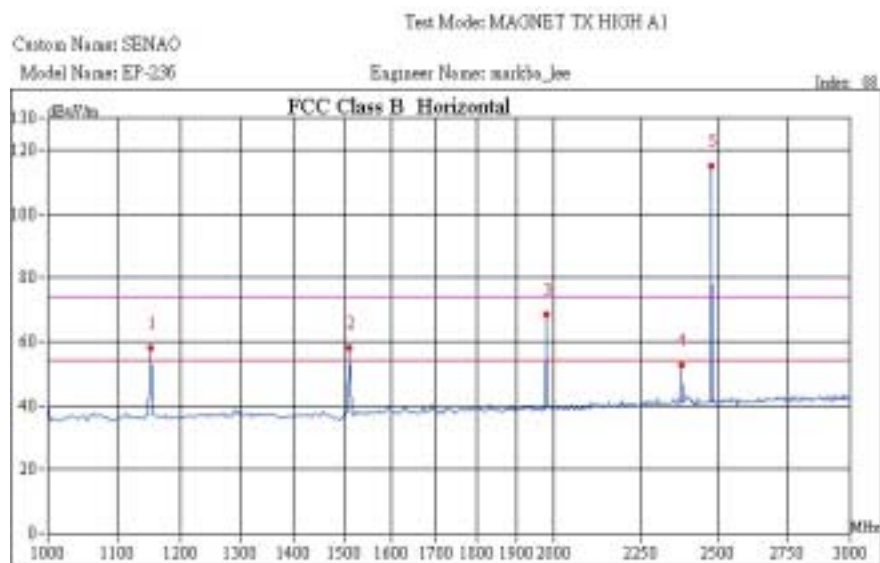
Test Date : 7/22/2002
Test By: Markba_lee
Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
				Peak (dBuV/m)	AV (dBuV/m)				
1152.0	58.13	32.74	-9.29	48.84	23.45	74.00	54.00	-25.16	Peak
1512.0	58.04	34.63	-9.34	48.70	25.29	74.00	54.00	-25.30	Peak
1980.0	68.33	33.92	-7.67	60.66	26.25	74.00	54.00	-13.34	Peak
2380.0	52.61	31.84	-6.19	46.42	25.65	74.00	54.00	-27.58	Peak
4960.0	45.23	31.97	5.66	50.89	37.63	74.00	54.00	-16.37	AV
7440.0	55.17	32.31	6.60	61.77	38.91	74.00	54.00	-12.23	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

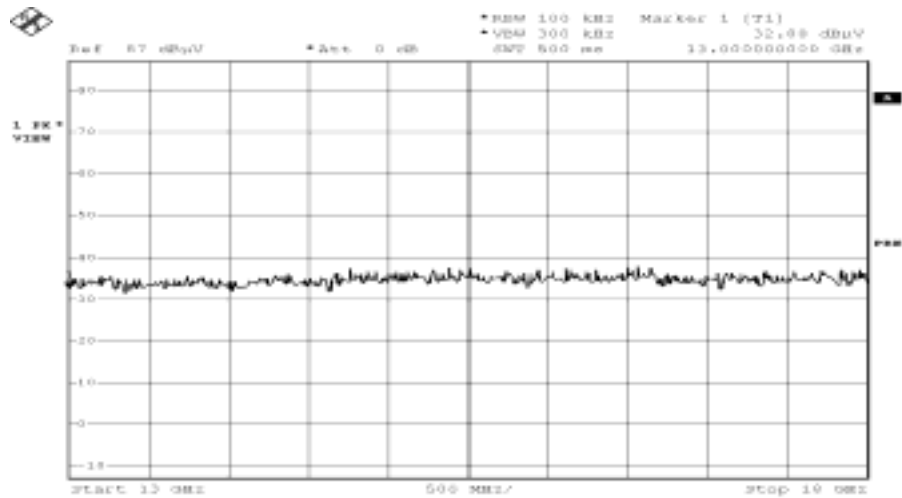
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

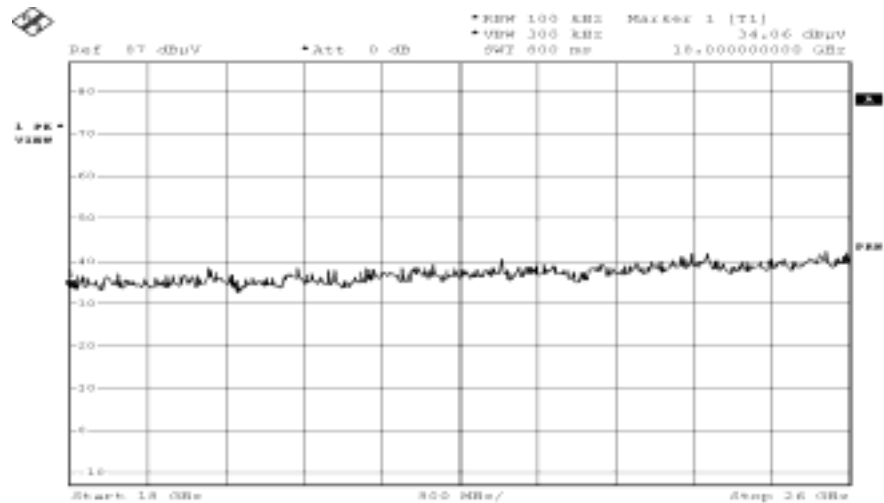
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Measurement Result (above 1GHz)

Operation Mode: BASE TX Mode Antenna 2

Test Date : 7/22/2002

Fundamental Frequency: 2401Hz (CH Low)

Test By: Markba

Temperature : 28

Pol: VERTICAL

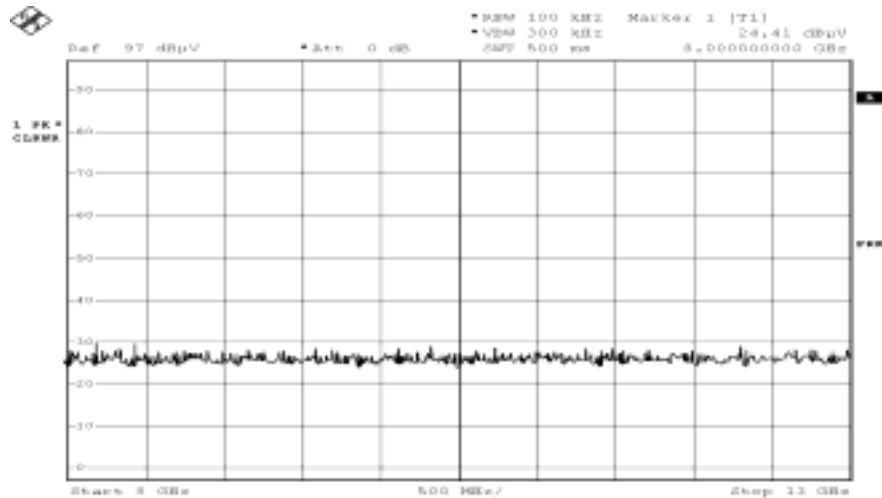
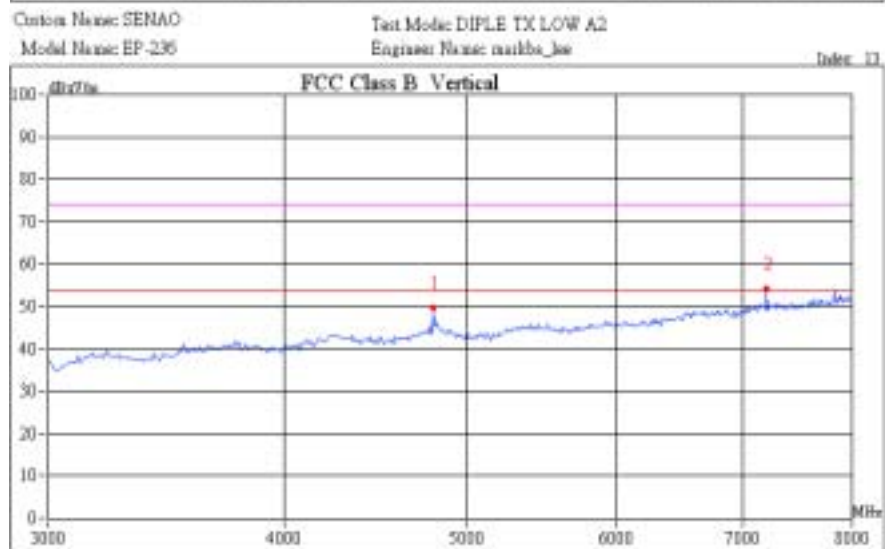
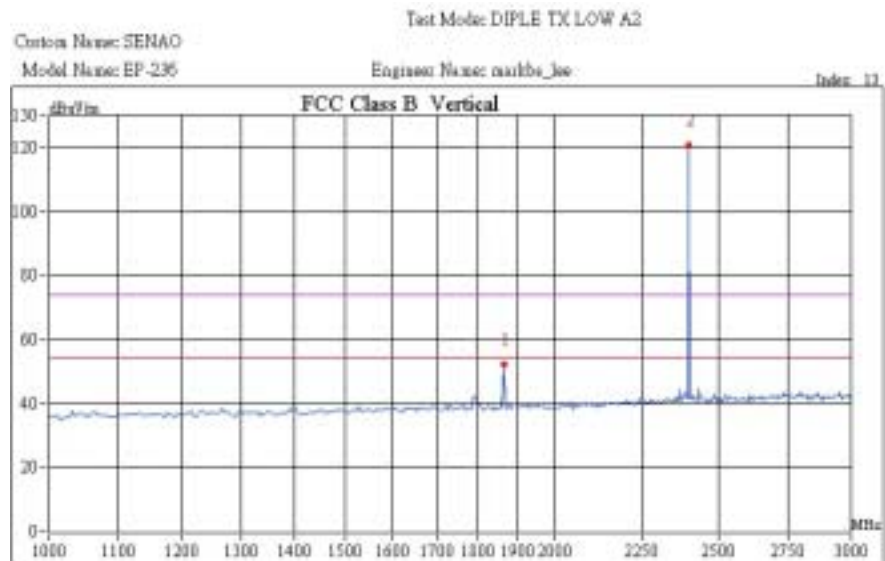
Humidity : 60%

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1864.0	52.28	34.68	-7.35	44.93	27.33	74.00	54.00	-26.67	AV
4800.0	49.63	30.79	2.03	51.66	32.82	74.00	54.00	-21.18	AV
7210.0	54.16	32.08	8.93	63.09	41.01	74.00	54.00	-10.91	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

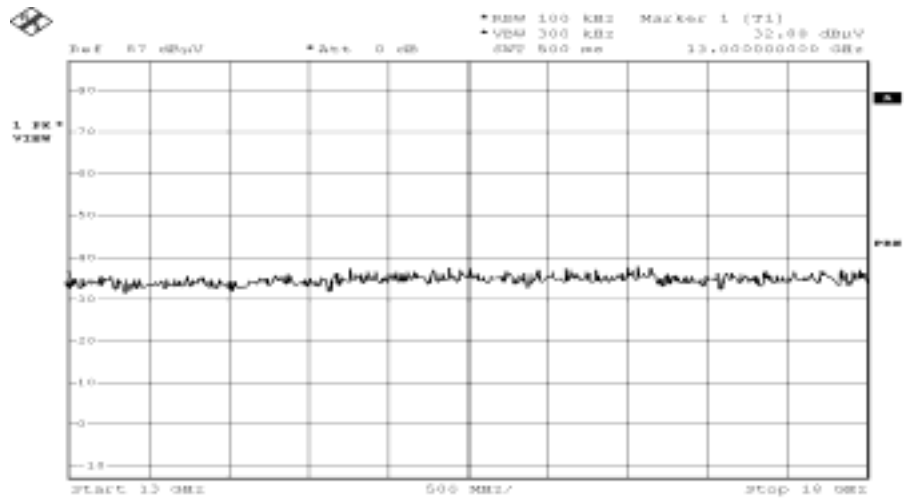
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

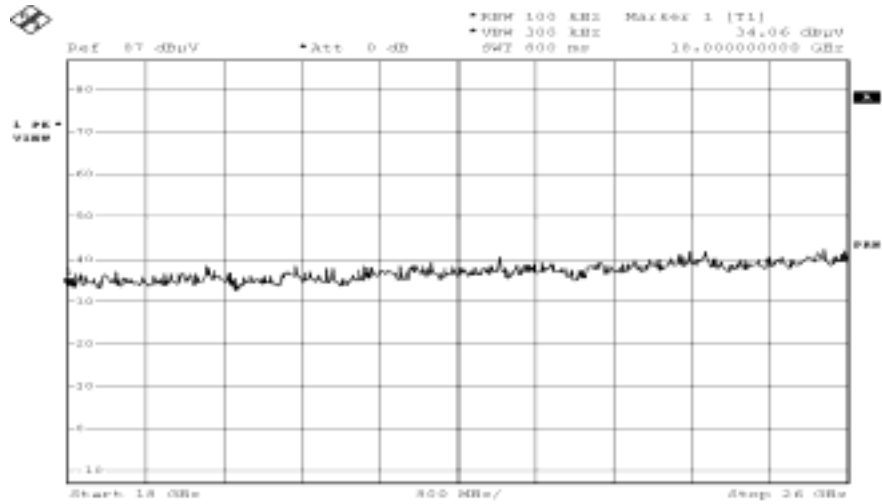
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 2
 Fundamental Frequency: 2401MHz (CH Low)
 Temperature : 28
 Humidity : 60%

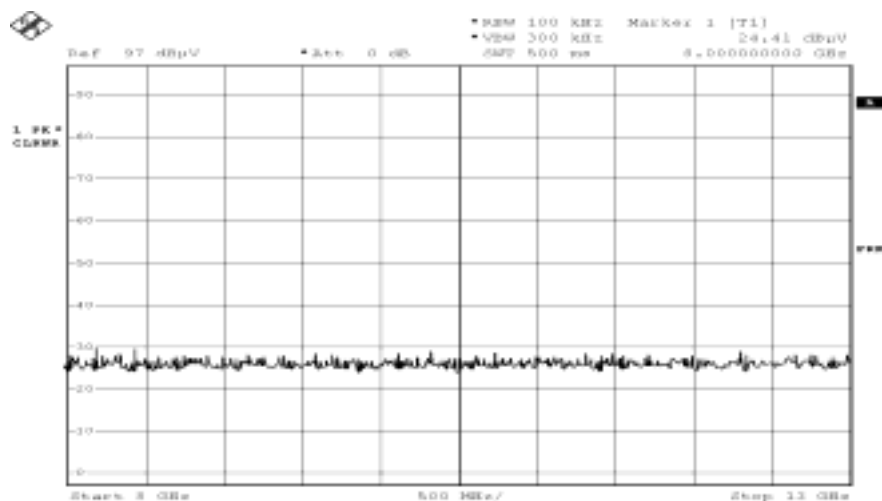
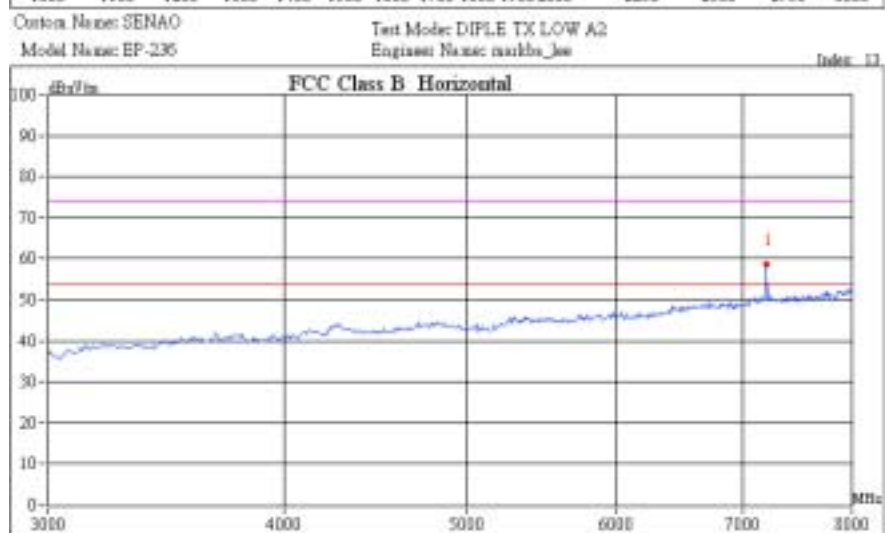
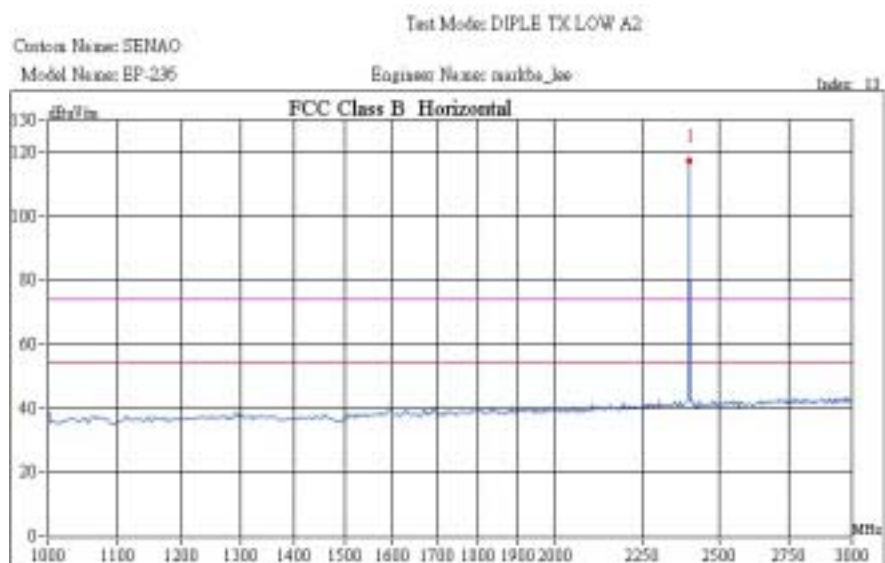
Test Date : 7/23/2002
 Test By: Joe Zhong
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
7210.0	58.53	32.58	8.93	67.46	41.51	74.00	54.00	-6.54	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

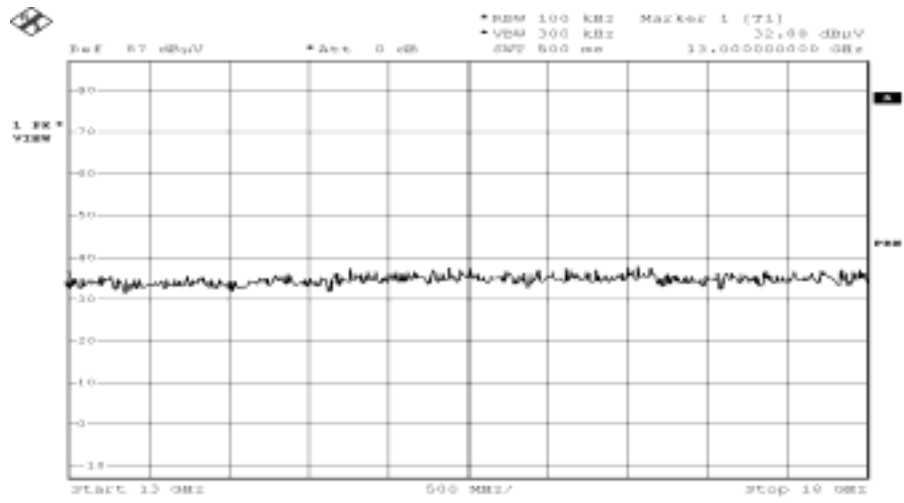
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

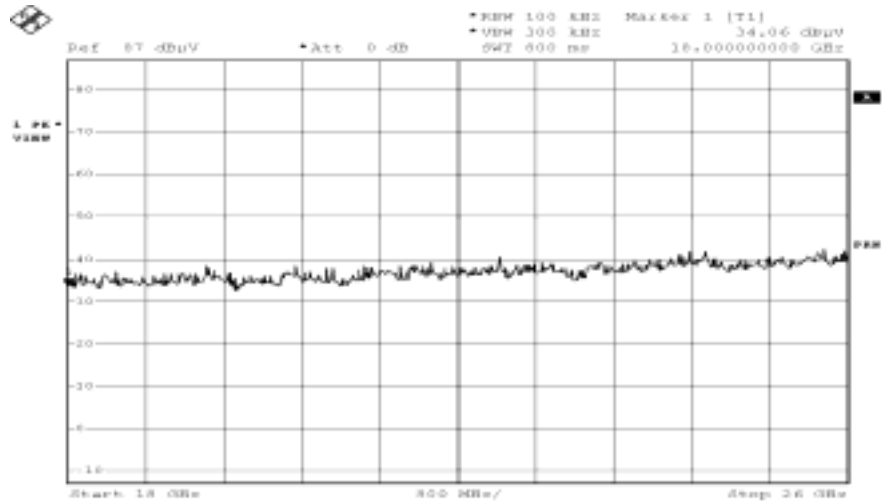
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18. SEP. 2002 09:46:35



Comment As TX Duty cycle
Date 18. SEP. 2002 06:11:53



Comment As TX Duty cycle
Date 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 2
 Fundamental Frequency: 2442Hz (CH MID)
 Temperature : 28
 Humidity : 60%

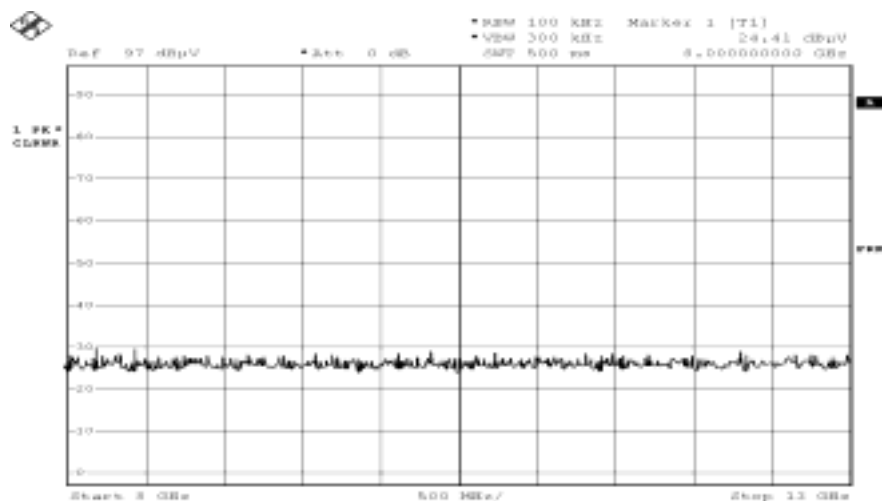
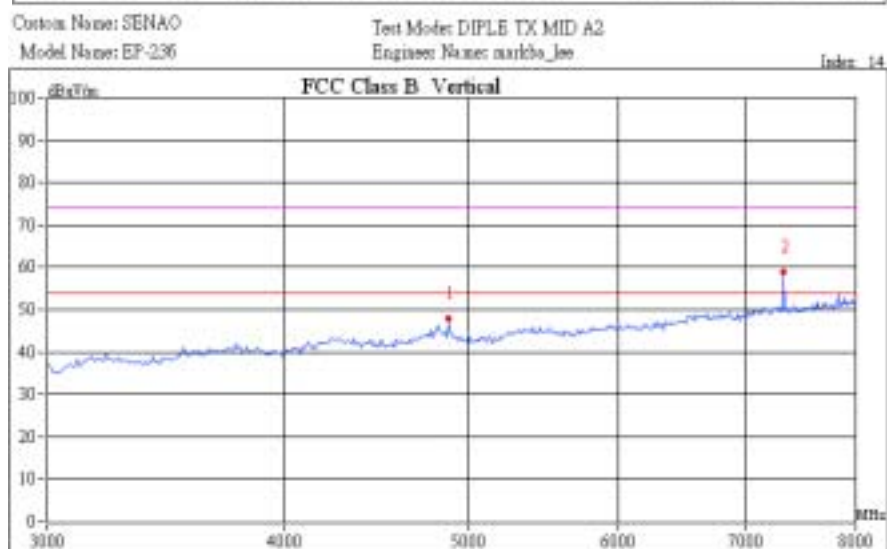
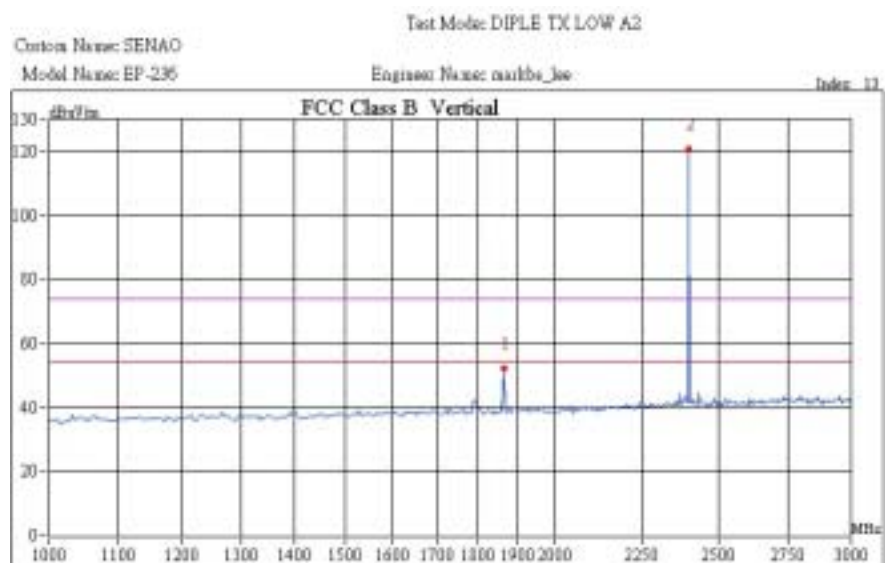
Test Date : 7/22/2002
 Test By: Joe Zhong
 Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1484.0	76.62	36.51	-8.83	67.79	27.68	74.00	54.00	-6.21	Peak
1924.0	64.98	37.04	-7.12	57.86	29.92	74.00	54.00	-16.14	Peak
4880.0	47.97	30.85	2.15	50.12	33.00	74.00	54.00	-21.00	AV
7330.0	58.89	33.38	9.02	67.91	42.40	74.00	54.00	-6.09	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

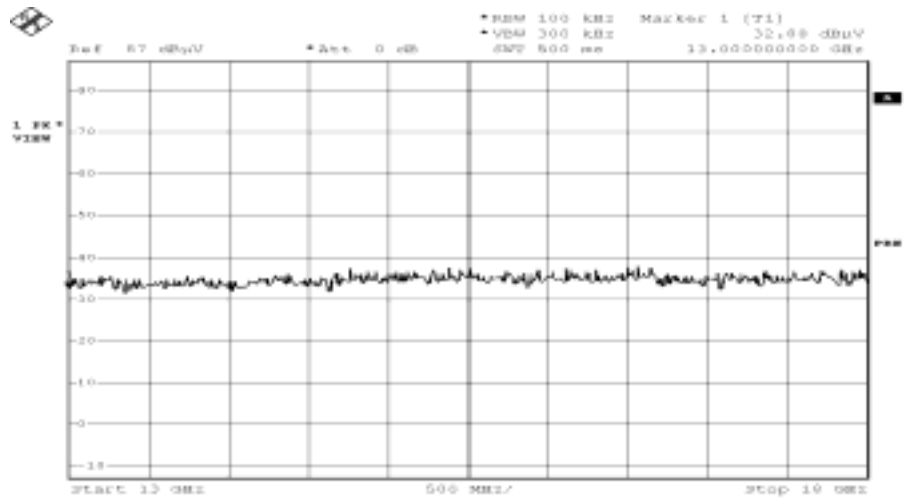
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

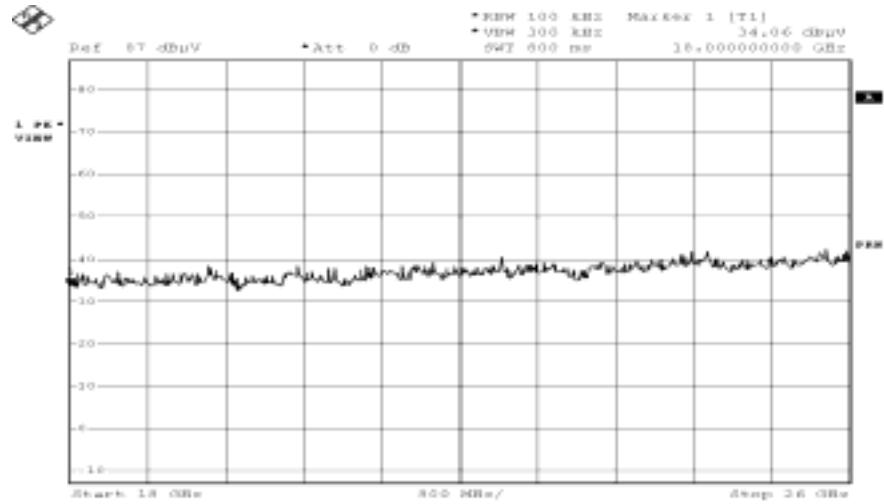
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 2
 Fundamental Frequency: 2442MHz (CH MID)
 Temperature : 28
 Humidity : 60%

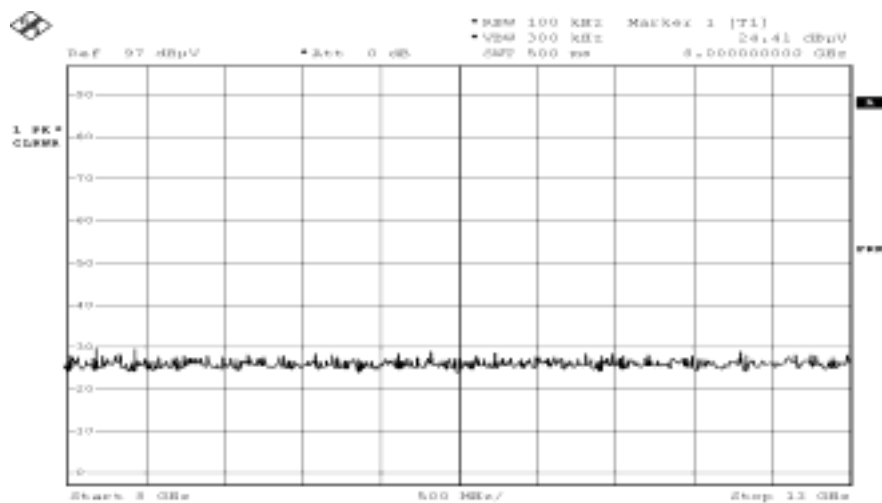
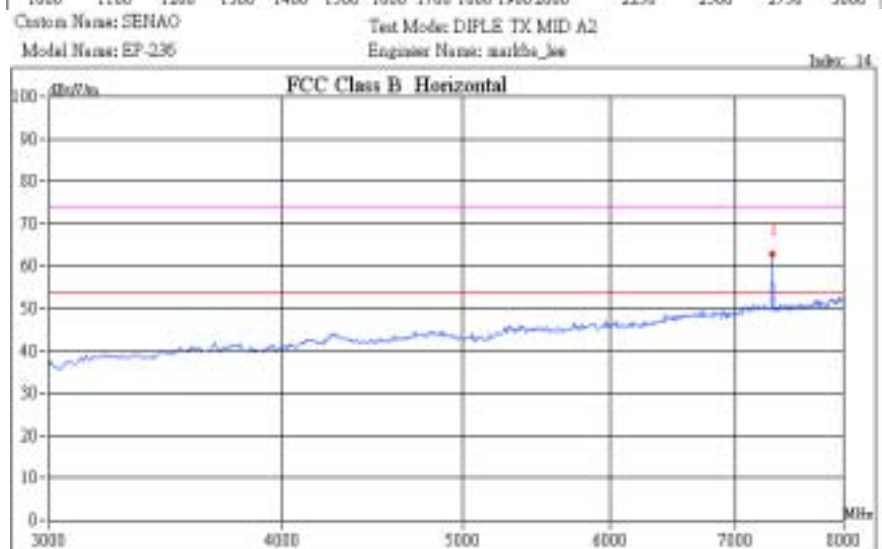
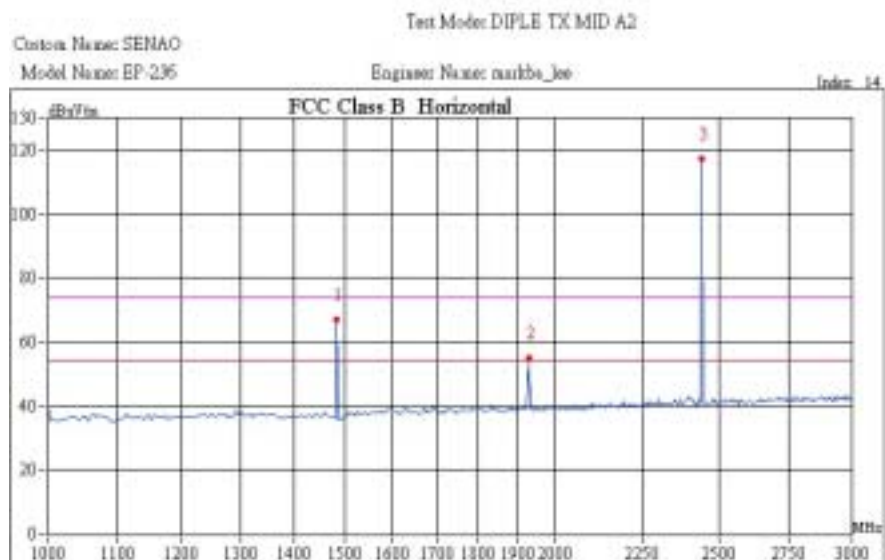
Test Date : 7/22/2002
 Test By: Joe Zhong
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
				Peak (dBuV/m)	AV (dBuV/m)				
1484.0	66.81	35.97	-8.83	57.98	27.14	74.00	54.00	-16.02	Peak
1924.0	55.03	36.14	-7.12	47.91	29.02	74.00	54.00	-24.98	AV
7330.0	62.76	33.06	9.02	71.78	42.08	74.00	54.00	-2.22	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

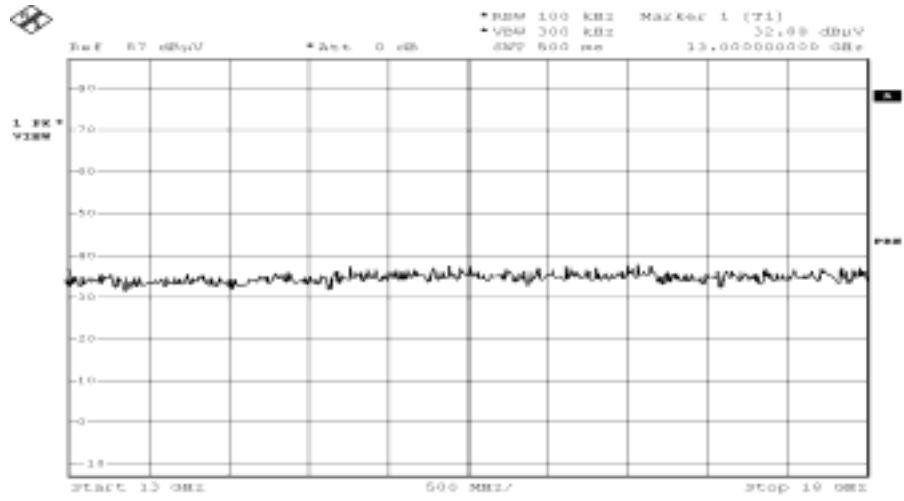
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

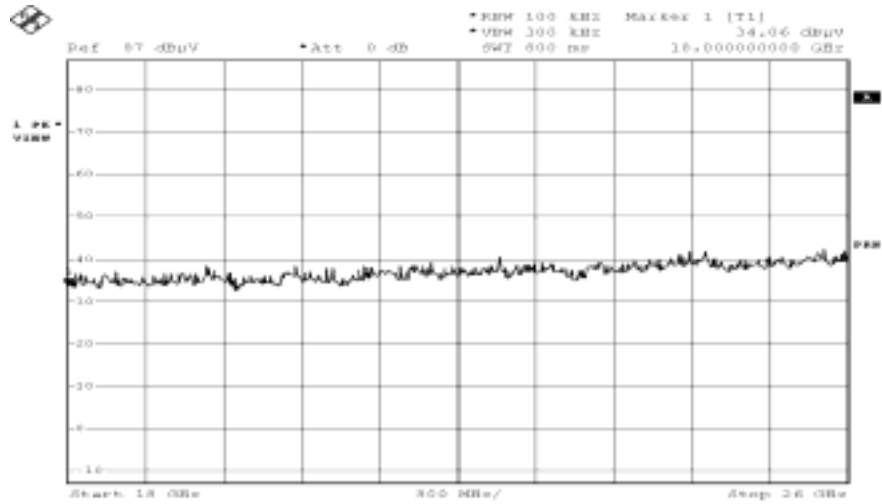
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 2
Fundamental Frequency: 2480MHz (CH High)
Temperature: 28
Humidity: 60%

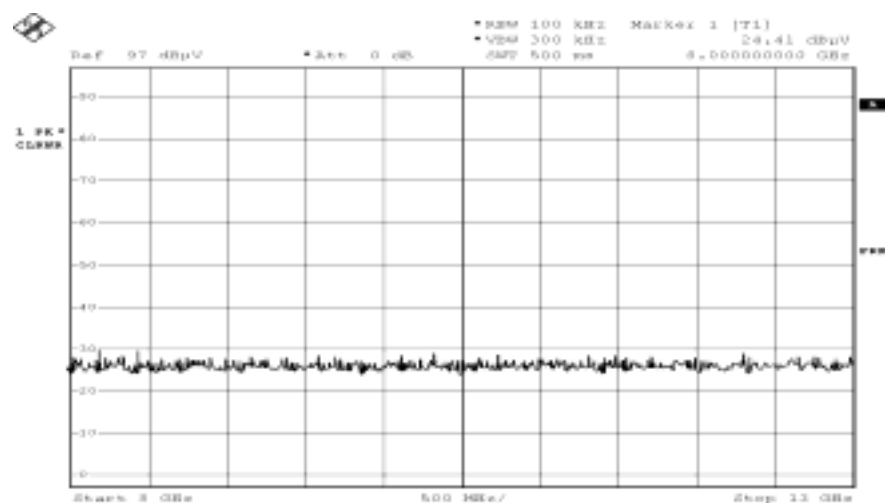
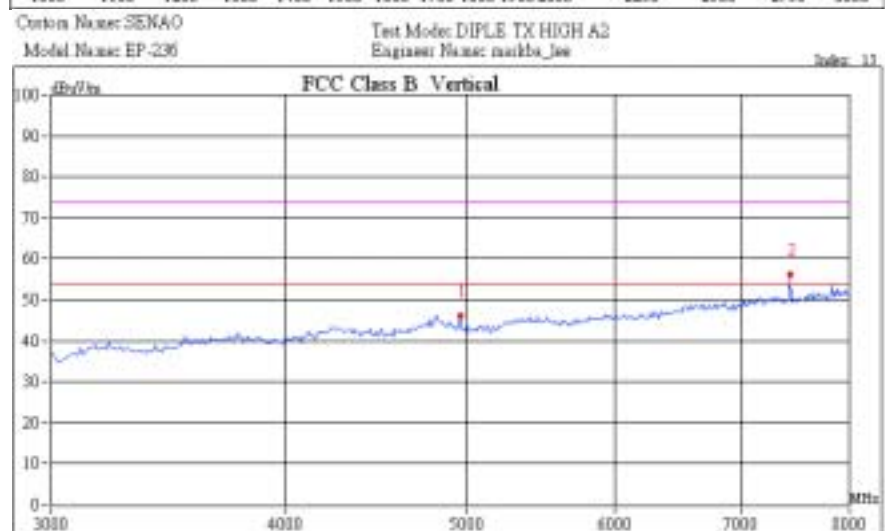
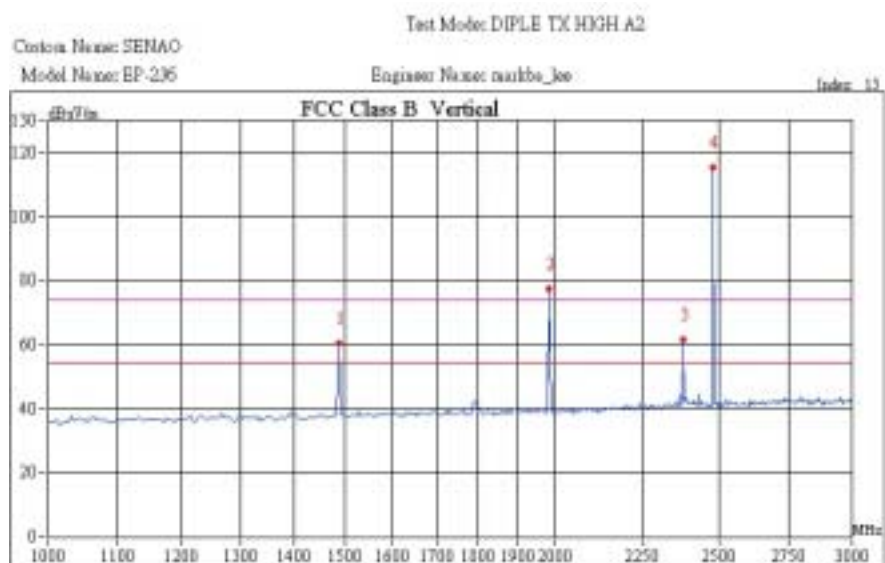
Test Date : 7/22/2002
Test By: Markba_lee
Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1488.0	60.43	36.69	-8.80	51.63	27.89	74.00	54.00	-22.37	Peak
1984.0	77.42	36.80	-6.90	70.52	29.90	74.00	54.00	-3.48	Peak
2380.0	61.55	37.81	-5.30	56.25	32.51	74.00	54.00	-17.75	Peak
4960.0	46.02	32.68	2.27	48.29	34.95	74.00	54.00	-19.05	AV
7440.0	56.11	32.76	9.10	65.21	41.86	74.00	54.00	-8.79	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

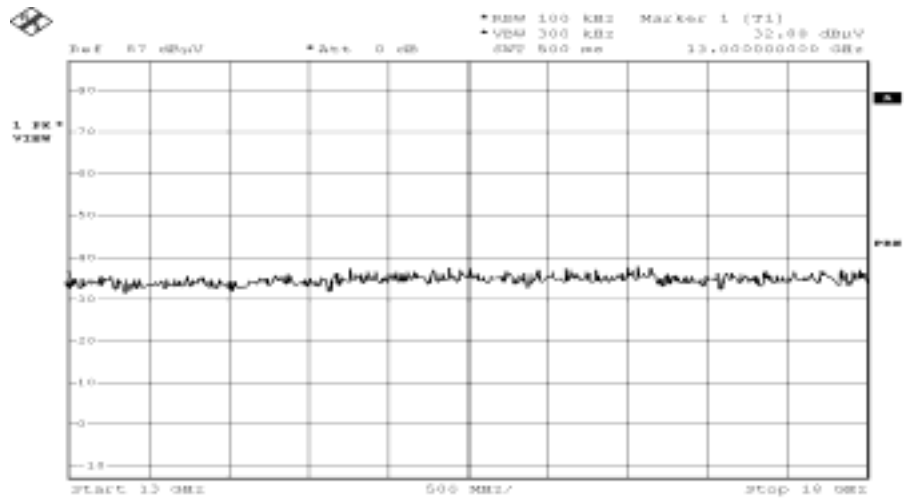
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

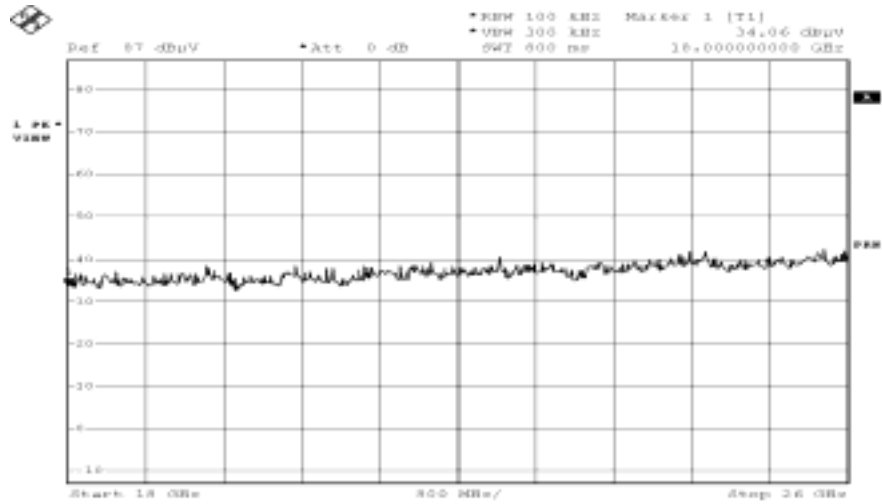
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:44:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 2
Fundamental Frequency: 2480MHz (CH High)
Temperature : 28
Humidity : 60%

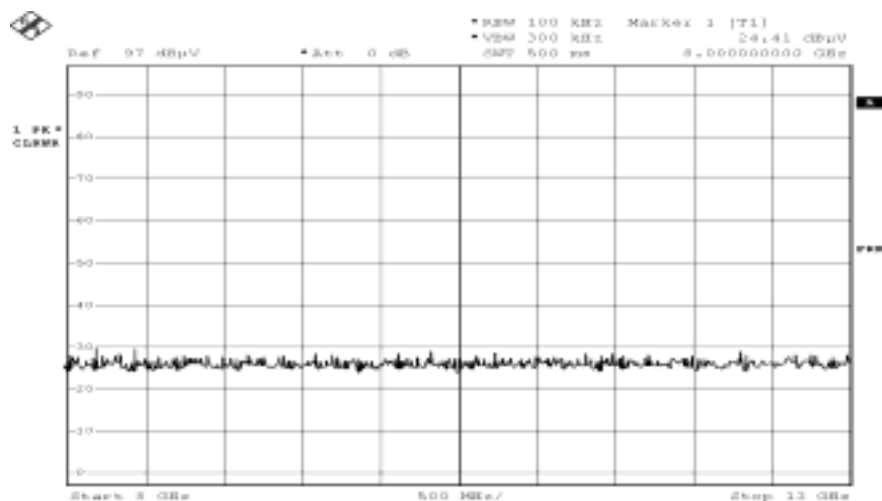
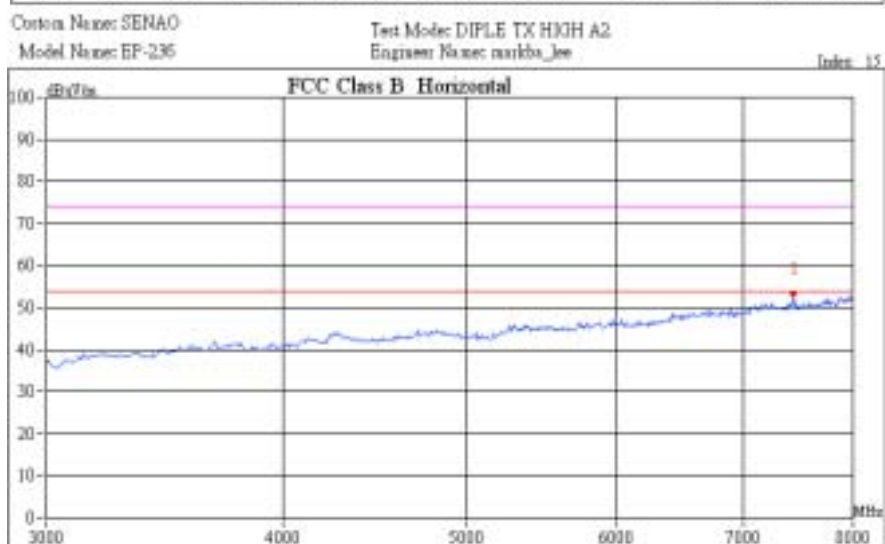
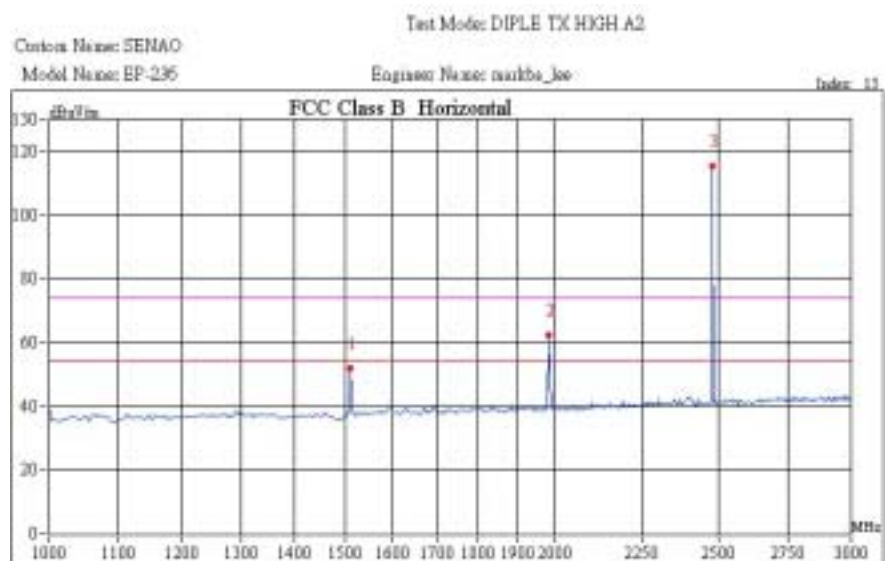
Test Date : 7/22/2002
Test By: Markba_lee
Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1512.0	52.01		-8.67	43.34		74.00	54.00	-30.66	Peak
1984.0	77.42	36.80	-6.90	70.52	29.90	74.00	54.00	-3.48	Peak
7440.0	53.15	32.01	9.10	62.25	41.11	74.00	54.00	-11.75	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

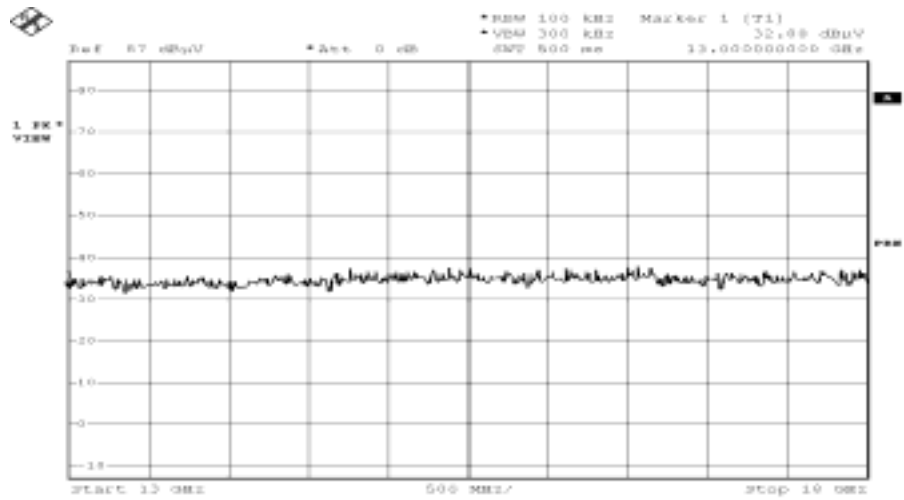
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

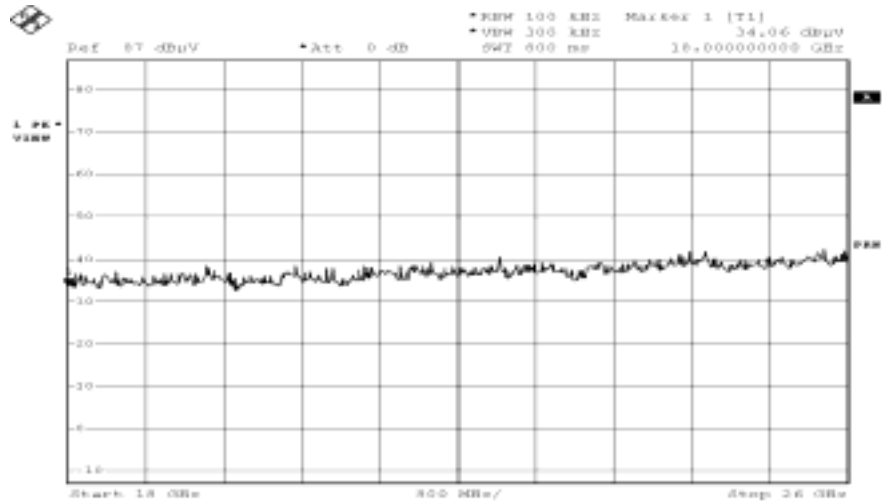
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2002.09.16.25



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Measurement Result (above 1GHz)

Operation Mode: BASE TX Mode Antenna 3
 Fundamental Frequency: 2401Hz (CH Low)
 Temperature : 28
 Humidity : 60%

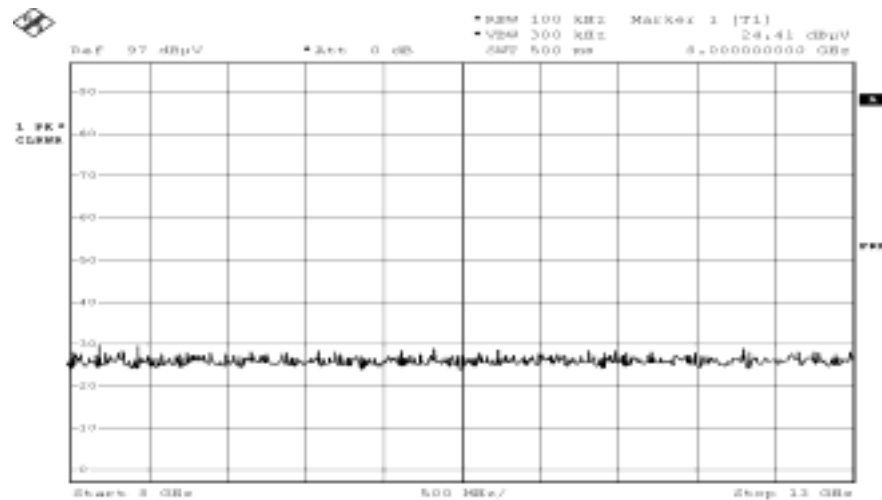
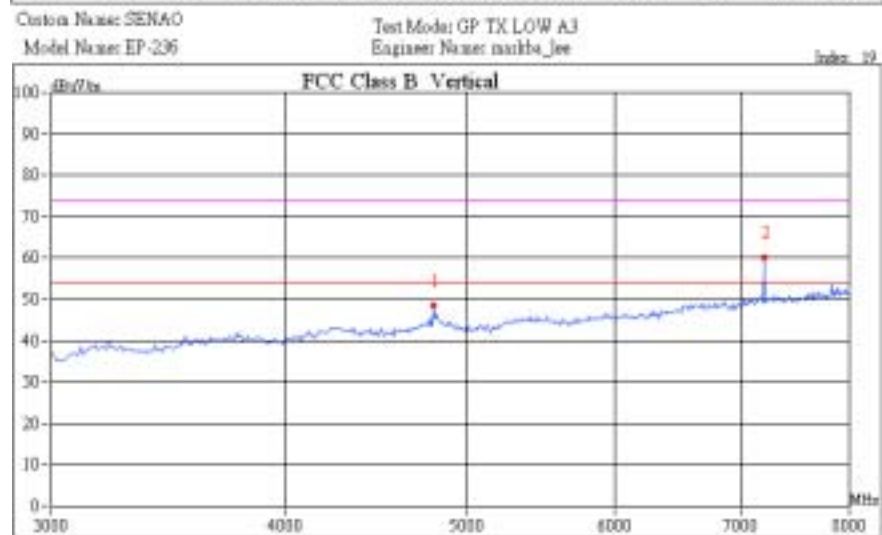
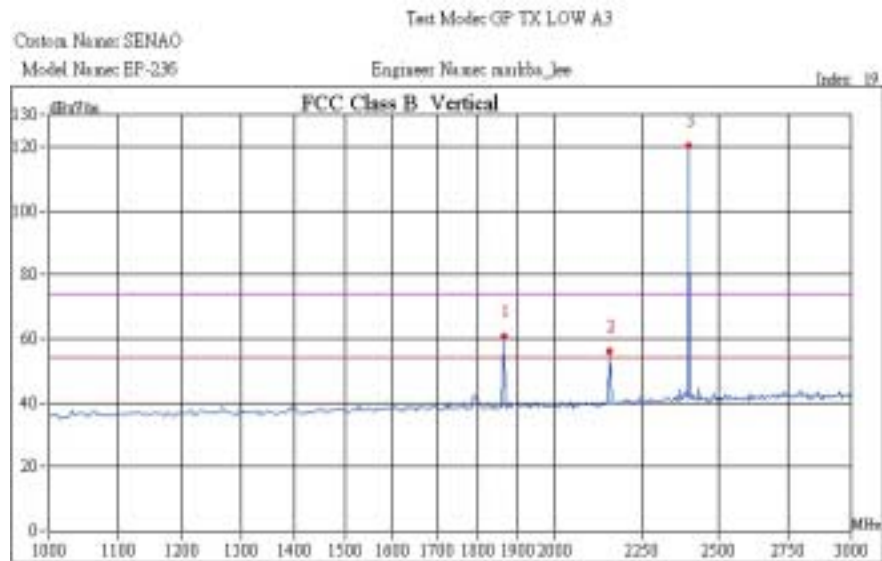
Test Date : 7/22/2002
 Test By: Markba
 Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
				Peak (dBuV/m)	AV (dBuV/m)				
1864.0	60.65	37.47	-7.35	53.30	30.12	74.00	54.00	-20.70	Peak
2156.0	56.11	36.32	-6.28	49.83	30.04	74.00	54.00	-23.96	AV
4800.0	48.55	32.06	2.03	50.58	34.09	74.00	54.00	-19.91	AV
7210.0	60.04	30.87	8.93	68.97	39.80	74.00	54.00	-5.03	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

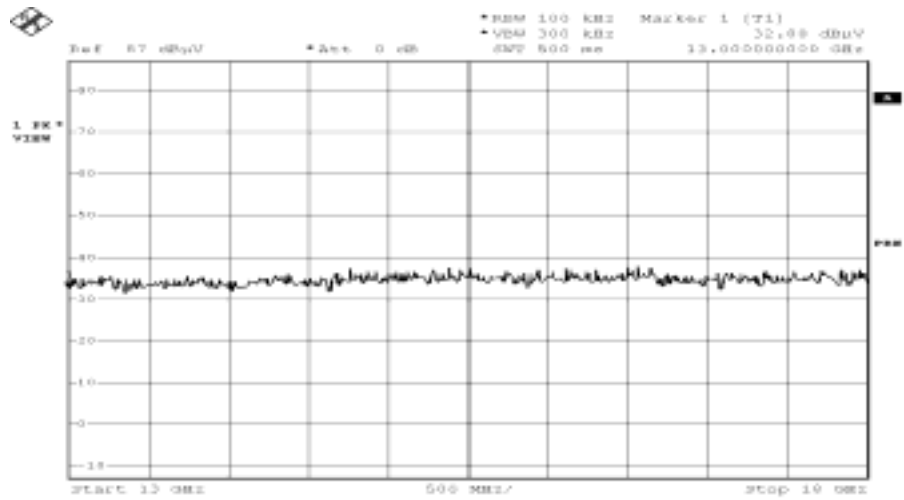
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

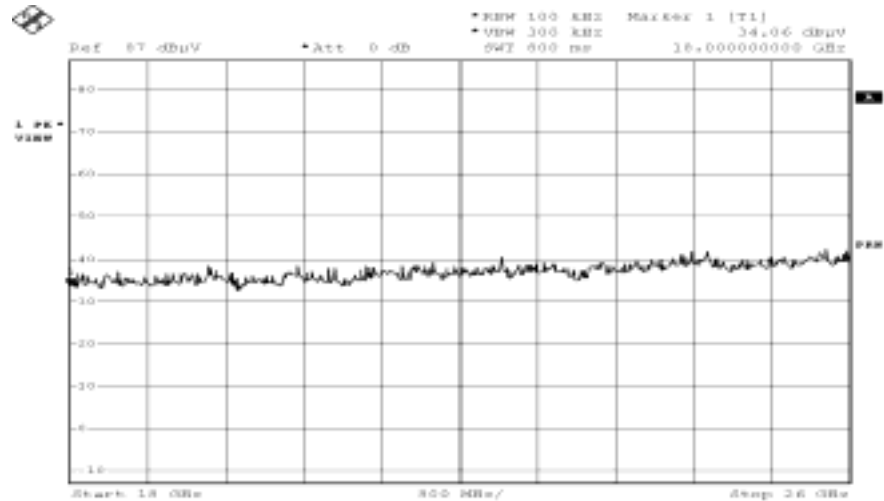
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 3
 Fundamental Frequency: 2401MHz (CH Low)
 Temperature : 28
 Humidity : 60%

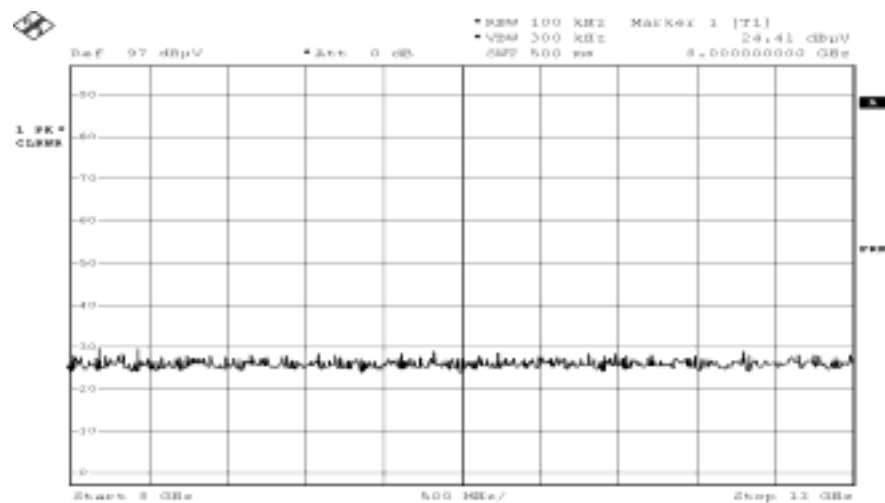
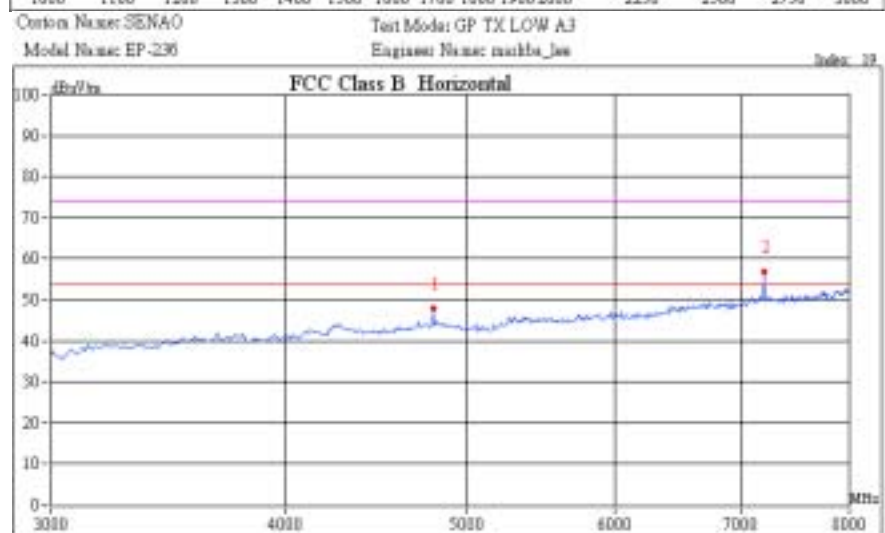
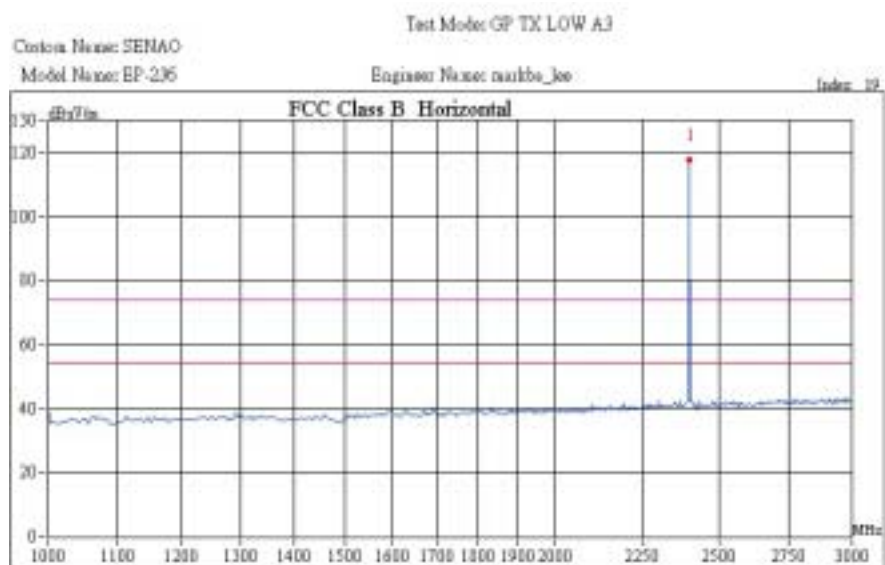
Test Date : 7/23/2002
 Test By: Markba_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
				Peak (dBuV/m)	AV (dBuV/m)				
4800.0	47.97	30.10	2.03	50.00	32.13	74.00	54.00	-21.87	AV
7210.0	56.90	32.13	8.93	65.83	41.06	74.00	54.00	-8.17	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

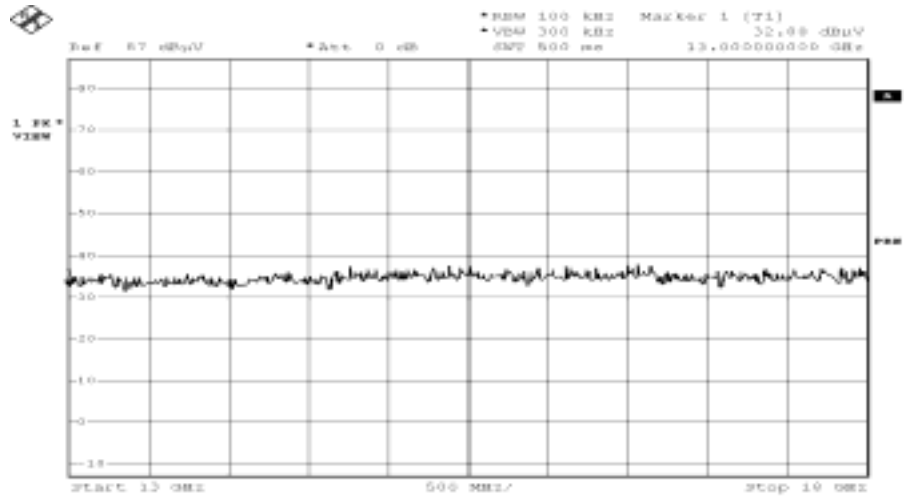
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

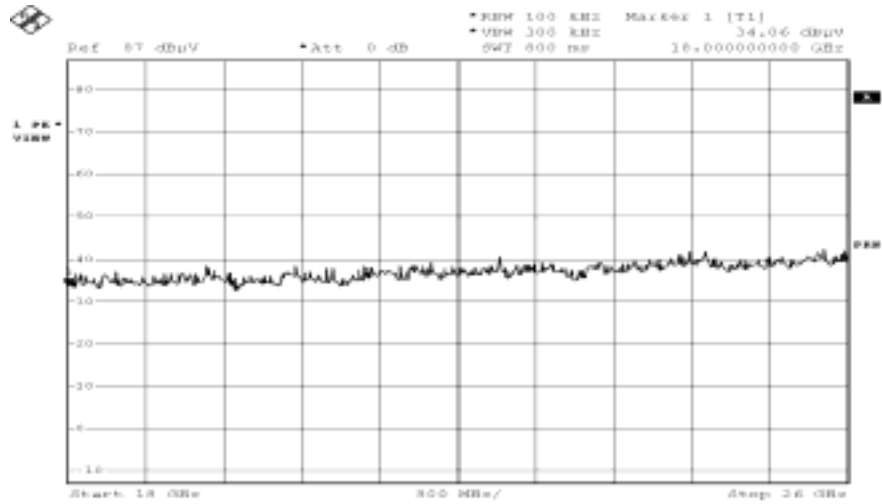
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18. SEP. 2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 3
 Fundamental Frequency: 2442Hz (CH MID)
 Temperature : 28
 Humidity : 60%

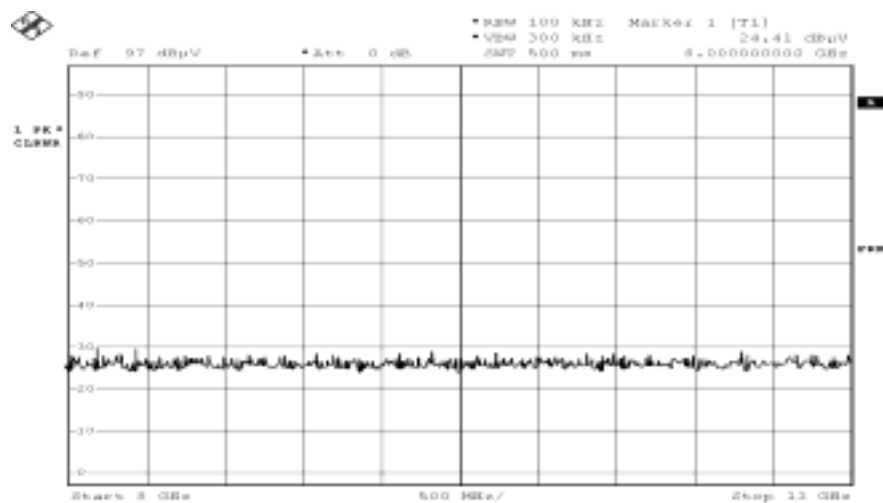
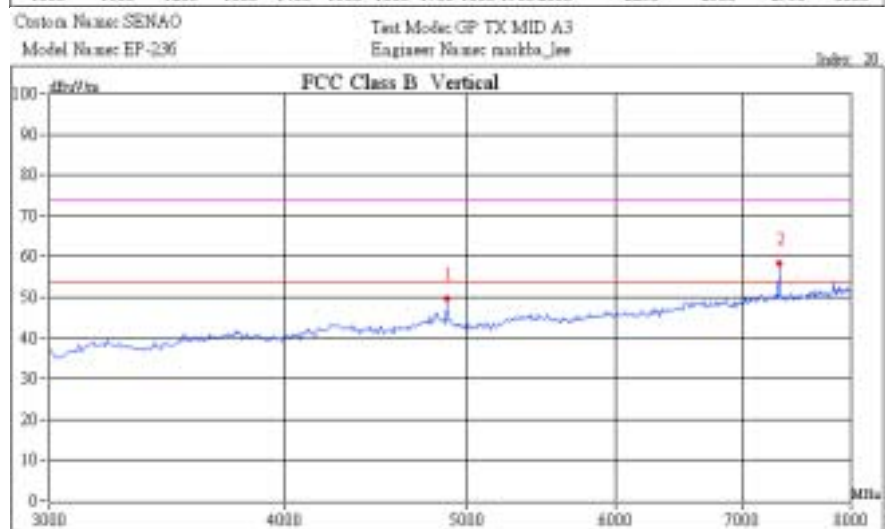
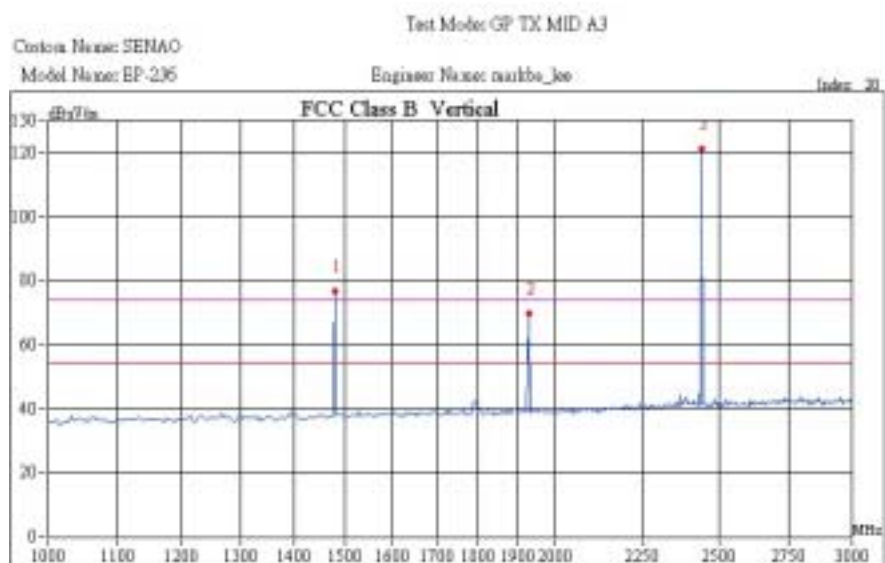
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1480.0	76.68	35.92	-8.86	67.82	27.06	74.00	54.00	-6.18	Peak
1928.0	69.81	36.88	-7.10	62.71	29.78	74.00	54.00	-11.29	Peak
4880.0	49.59	29.61	2.15	51.74	31.76	74.00	54.00	-22.24	AV
7330.0	58.34	32.30	9.02	67.36	41.32	74.00	54.00	-6.64	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

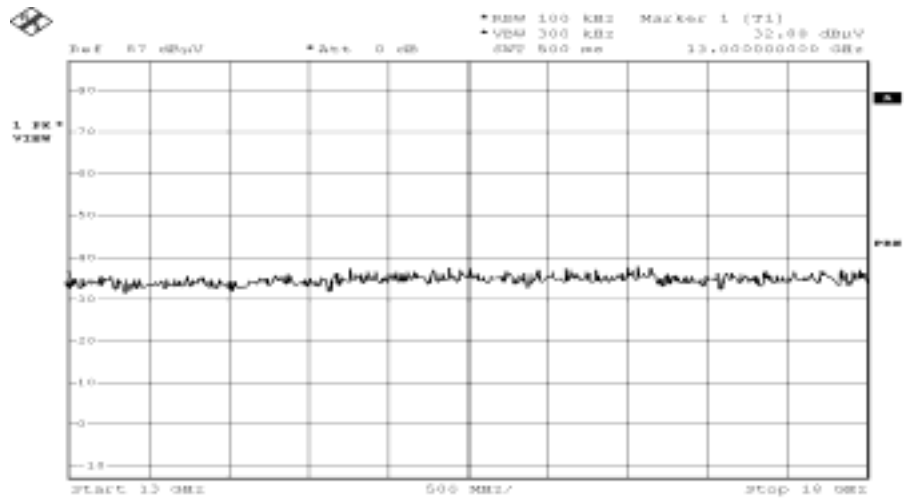
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

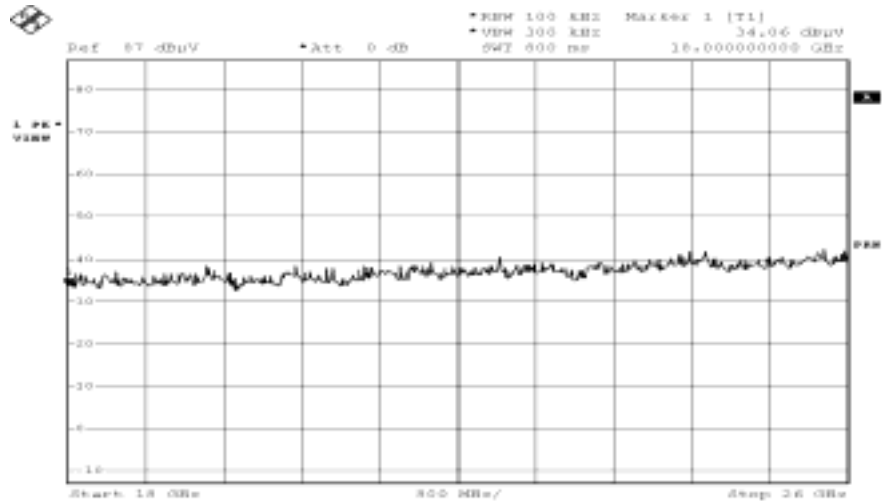
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18. SEP. 2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 3
Fundamental Frequency: 2442MHz (CH MID)
Temperature : 28
Humidity : 60%

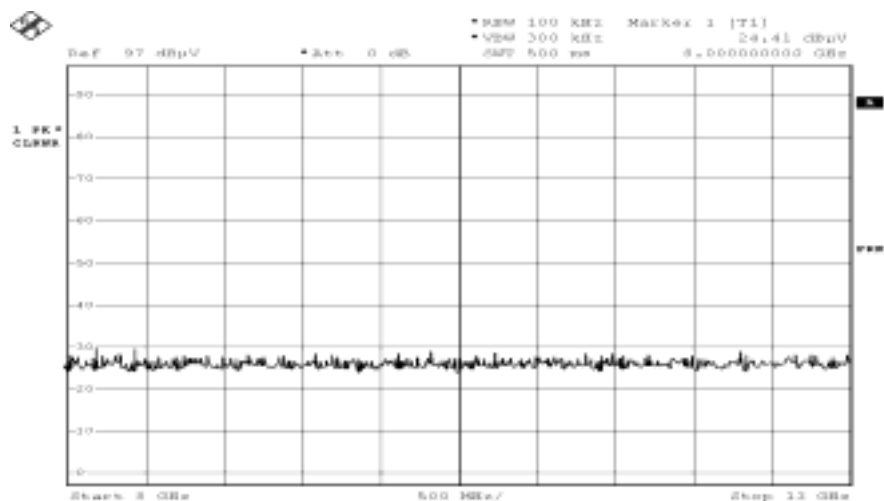
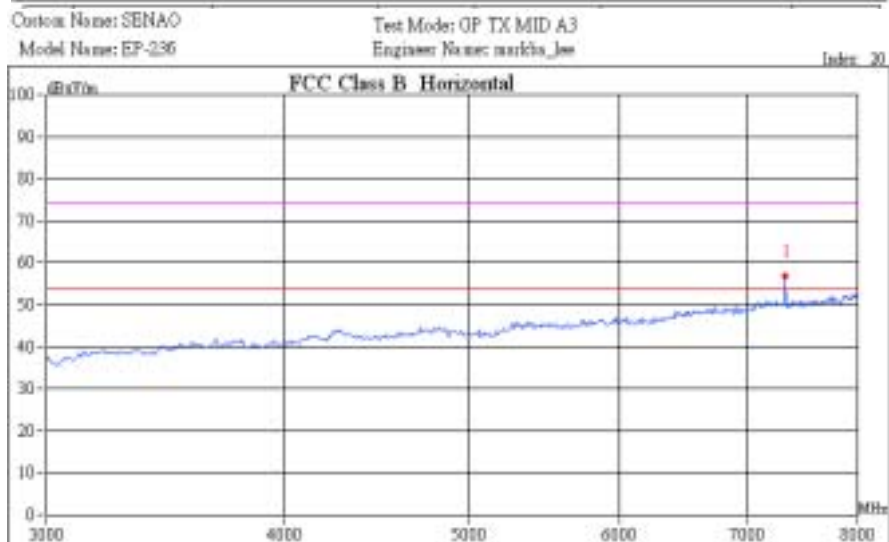
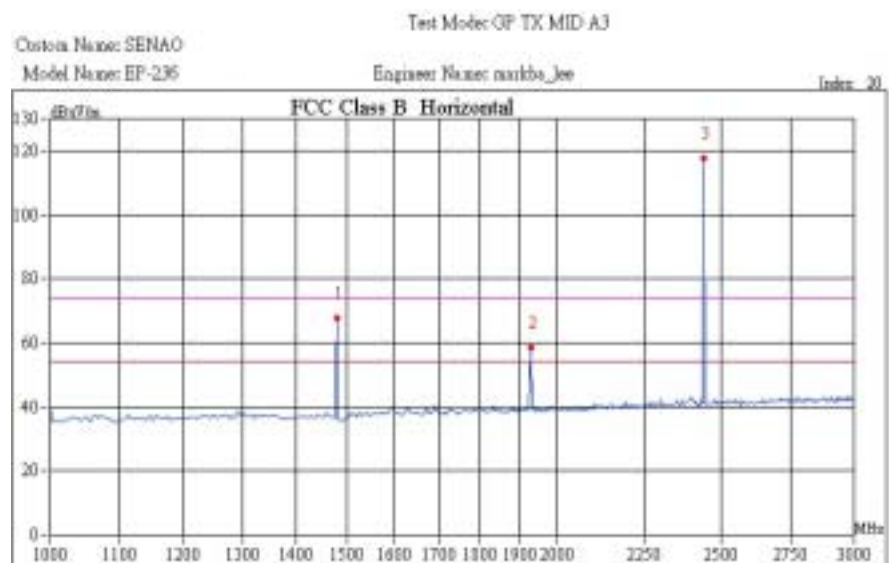
Test Date : 7/22/2002
Test By: Markba_lee
Pol: HORIZONTAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
1480.0	67.70	35.82	-8.72	58.98	27.10	74.00	54.00	-15.02	Peak
1928.0	58.50	36.55	-7.10	51.40	29.45	74.00	54.00	-22.60	Peak
7330.0	56.84	32.87	8.99	65.83	41.86	74.00	54.00	-8.17	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

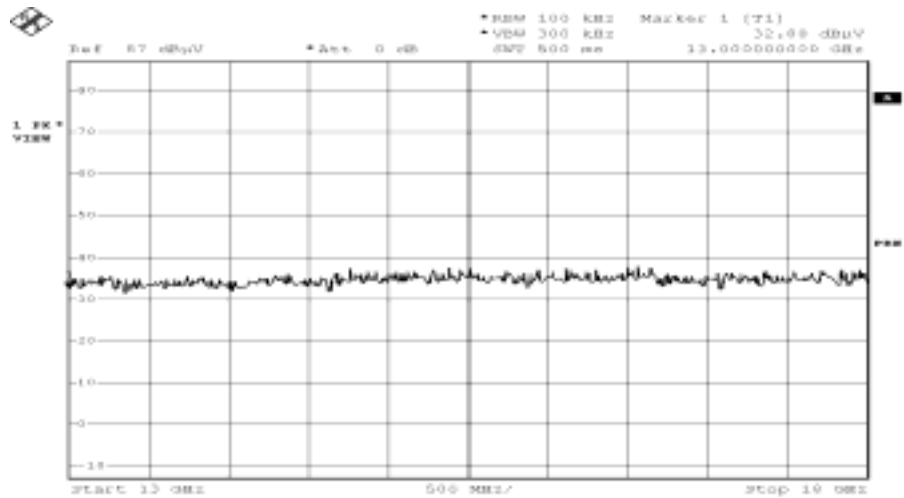
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

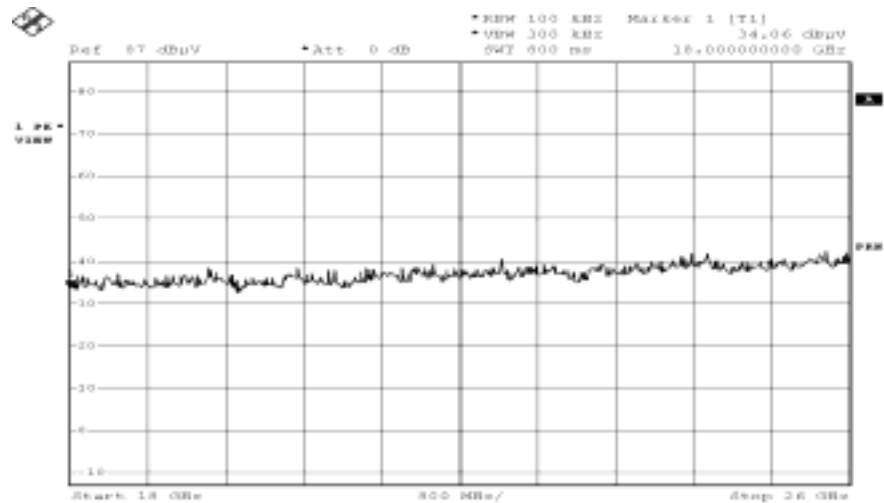
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18. SEP. 2002 09:46:35



Comment As TX Duty cycle
Date 18. SEP. 2002 06:11:53



Comment As TX Duty cycle
Date 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 3
Fundamental Frequency: 2480MHz (CH High)
Temperature: 28
Humidity: 60%

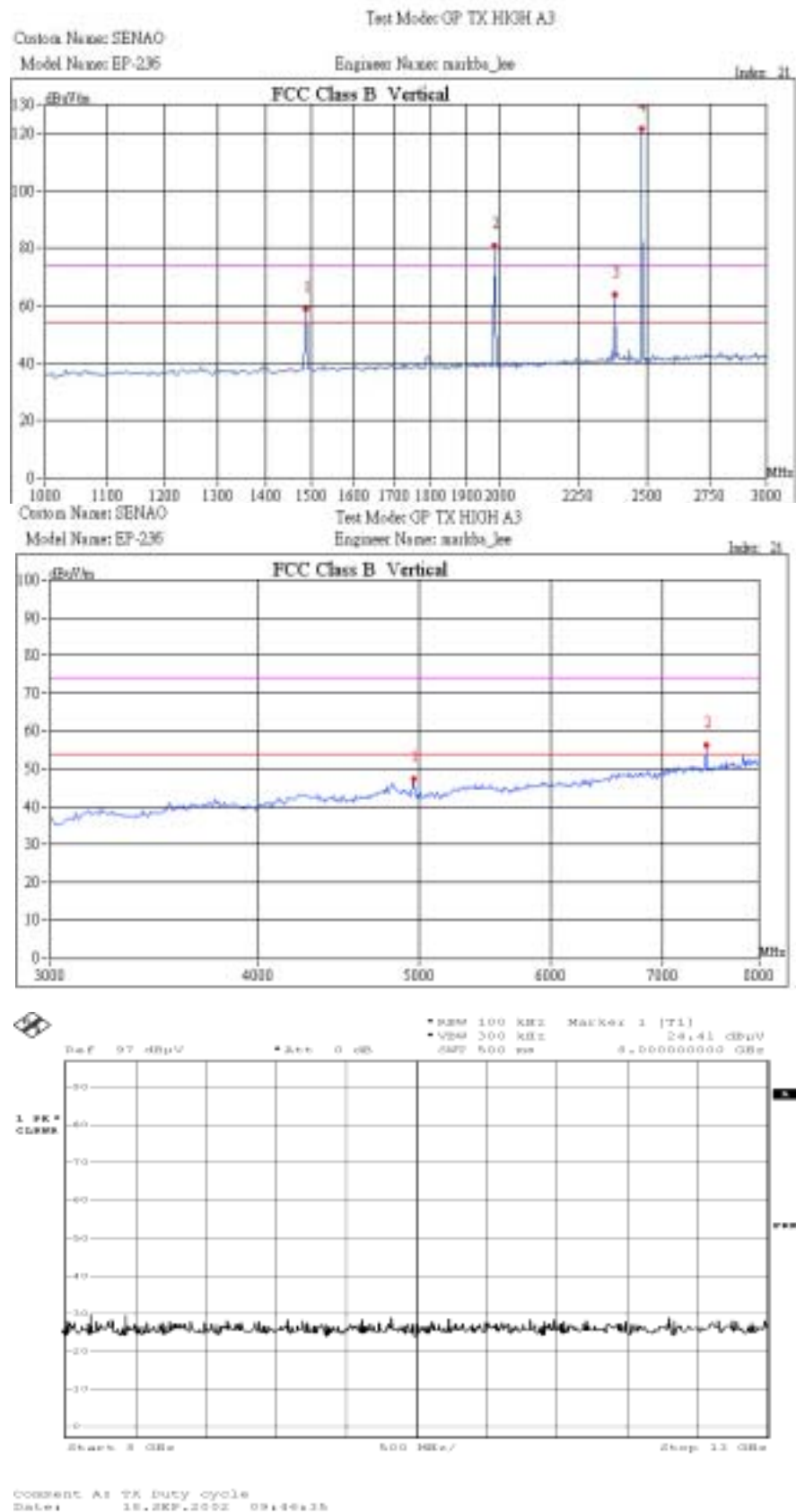
Test Date : 7/22/2002
Test By: Markba_lee
Pol: VERTICAL

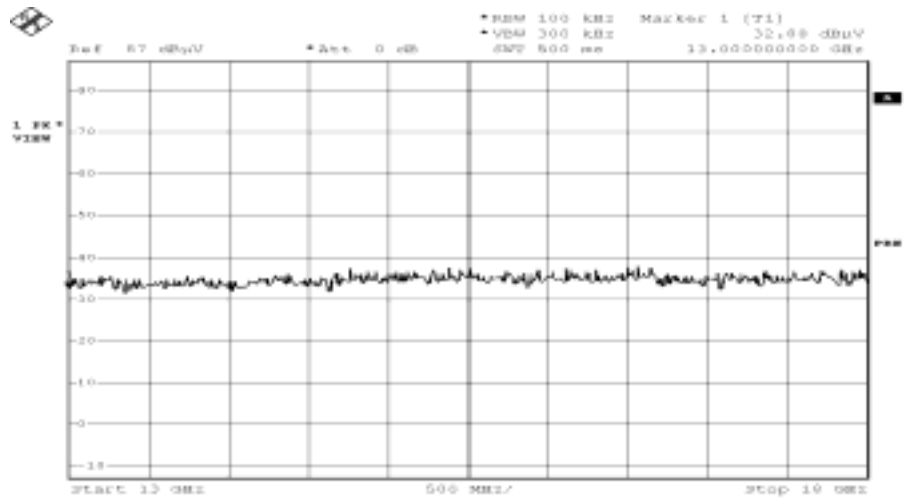
Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1488.0	58.82	36.07	-8.80	50.02	27.27	74.00	54.00	-23.98	Peak
1984.0	78.20	36.35	-6.90	71.30	29.45	74.00	54.00	-2.70	Peak
2380.0	63.65	37.52	-5.30	58.35	32.22	74.00	54.00	-15.65	Peak
4960.0	47.41	29.16	2.27	49.68	31.43	74.00	54.00	-22.57	AV
7440.0	31.90	36.94	9.58	41.48	46.52	74.00	54.00	-7.48	AV
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

Remark :

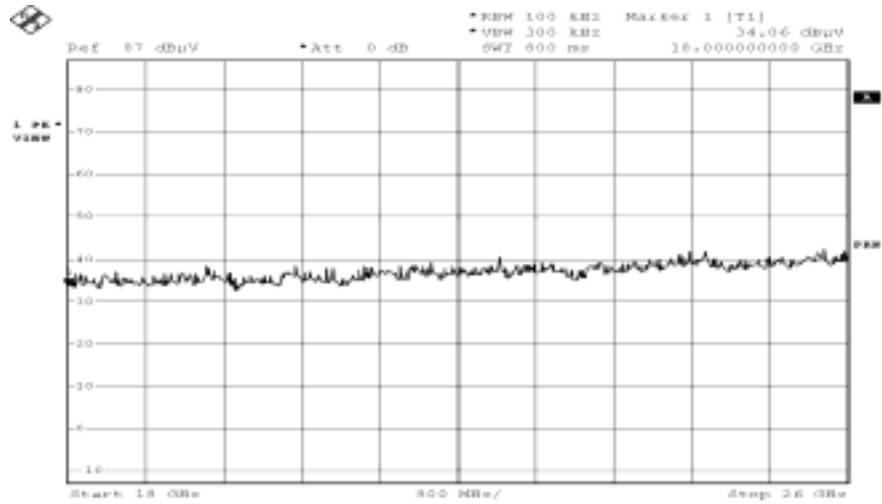
- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

15.209 Radiated Emission Test Plot





Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 3
 Fundamental Frequency: 2480MHz (CH High)
 Temperature : 28
 Humidity : 60%

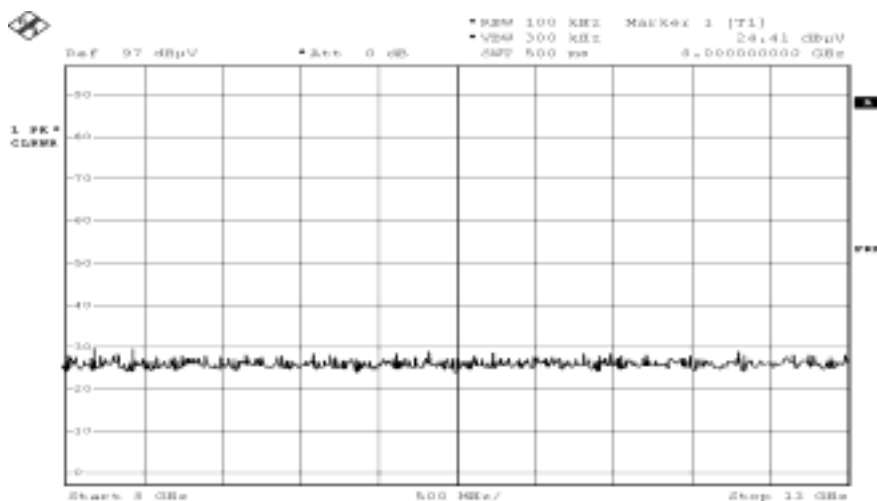
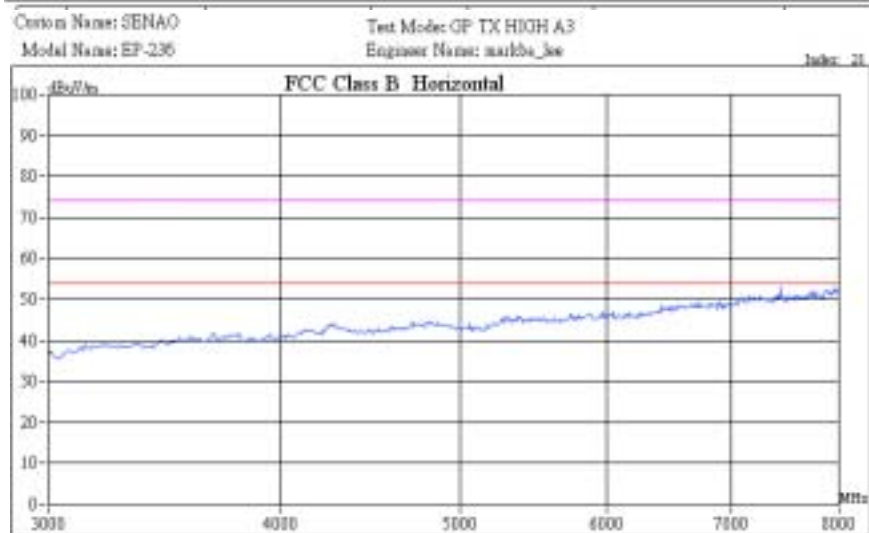
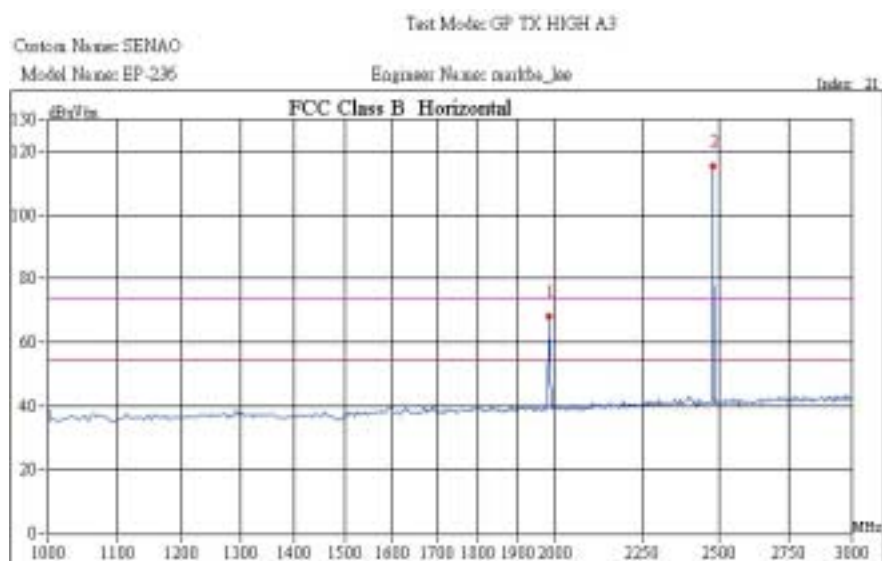
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1984.0	68.18	36.19	-6.90	61.28	29.29	74.00	54.00	-12.72	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

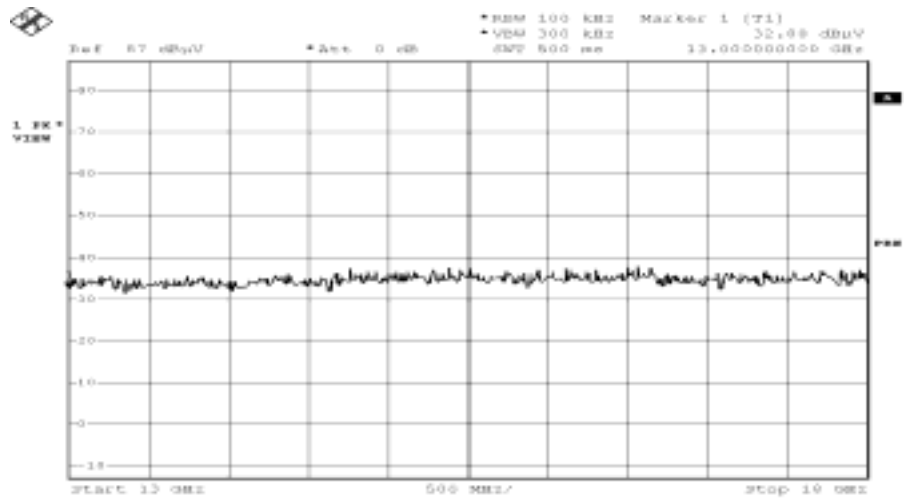
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

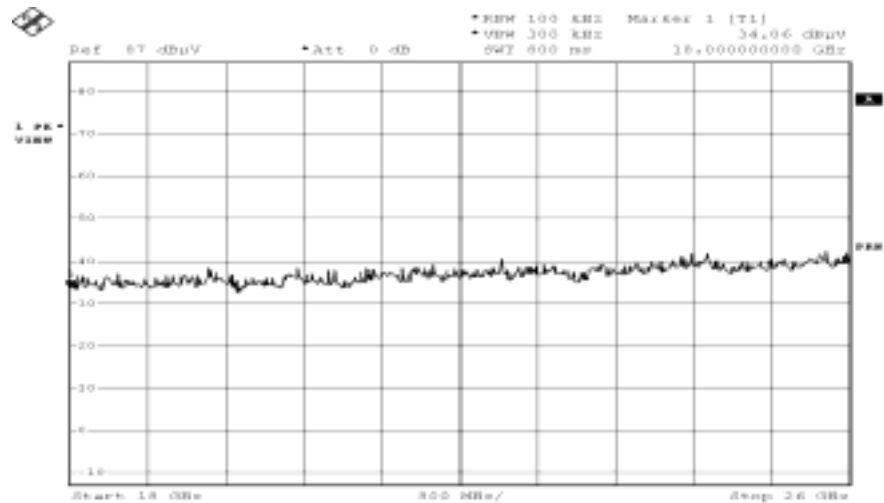
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Measurement Result (above 1GHz)

Operation Mode: BASE TX Mode Antenna 4
 Fundamental Frequency: 2401Hz (CH Low)
 Temperature : 28
 Humidity : 60%

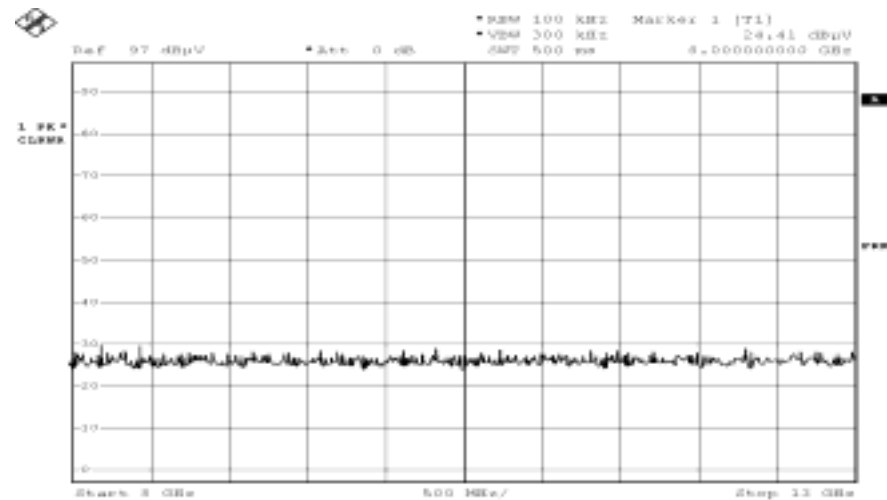
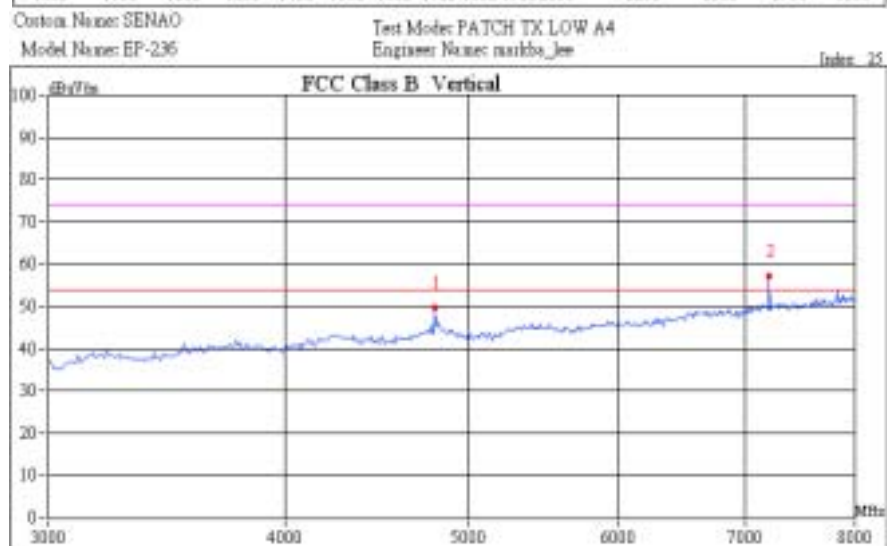
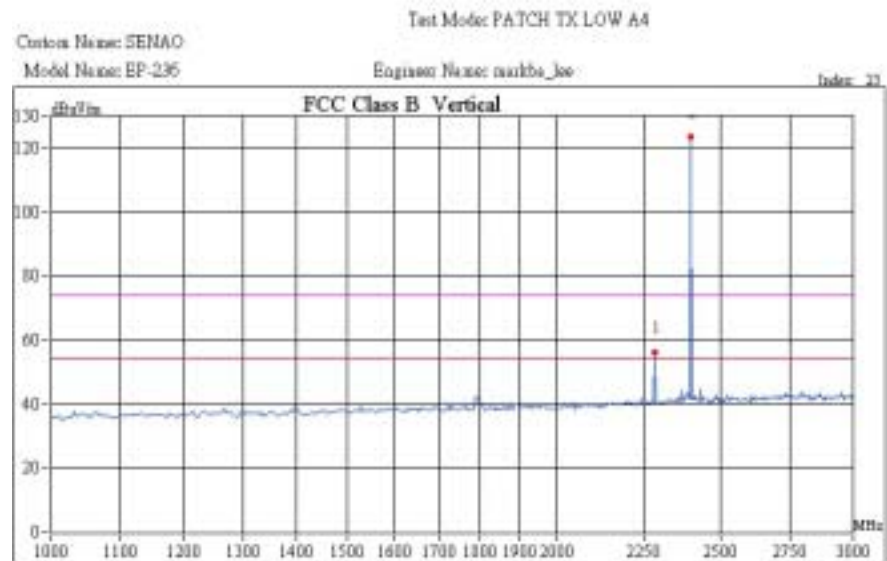
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: VERTICAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
2288.0	56.09	36.45	-5.68	50.41	30.77	74.00	54.00	-23.23	AV
4800.0	49.59	30.37	1.99	51.58	32.36	74.00	54.00	-21.64	AV
7210.0	57.05	31.76	8.93	65.98	40.69	74.00	54.00	-8.02	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

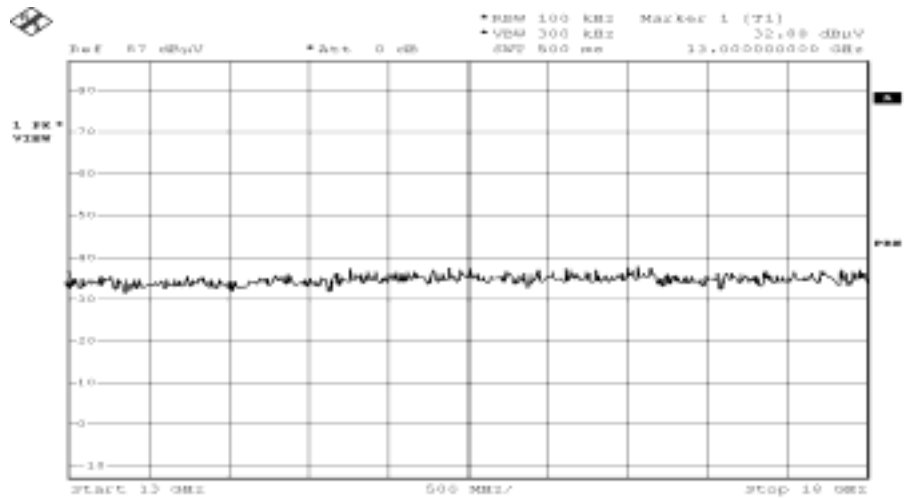
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

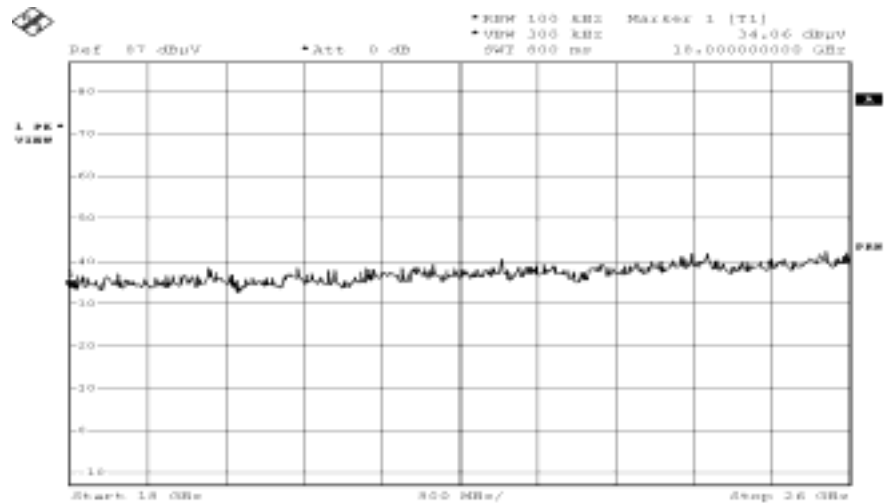
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 4
 Fundamental Frequency: 2401MHz (CH Low)
 Temperature : 28
 Humidity : 60%

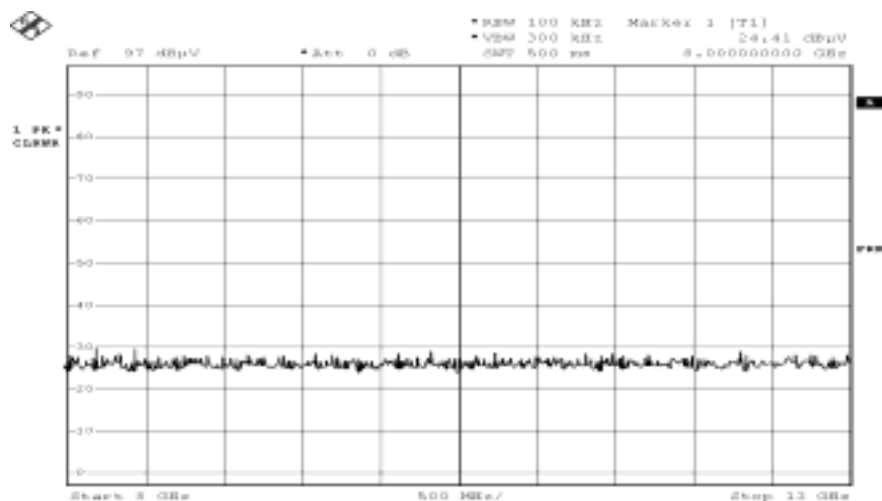
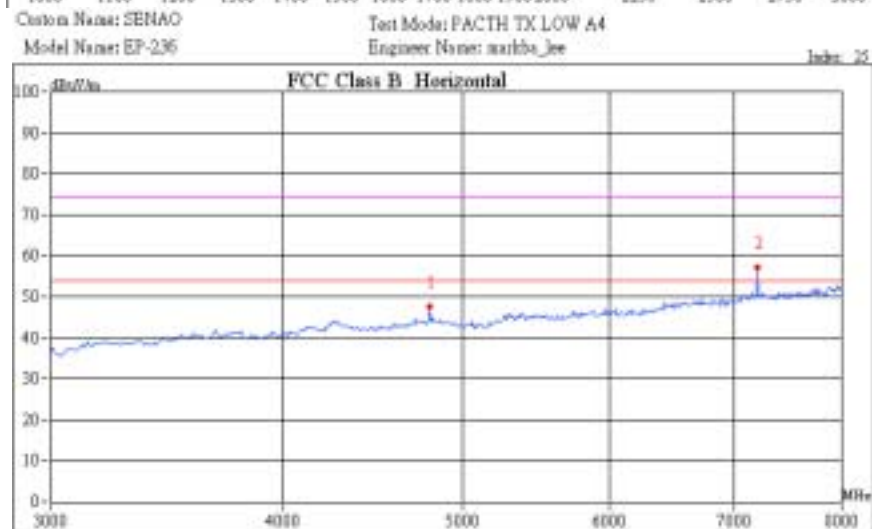
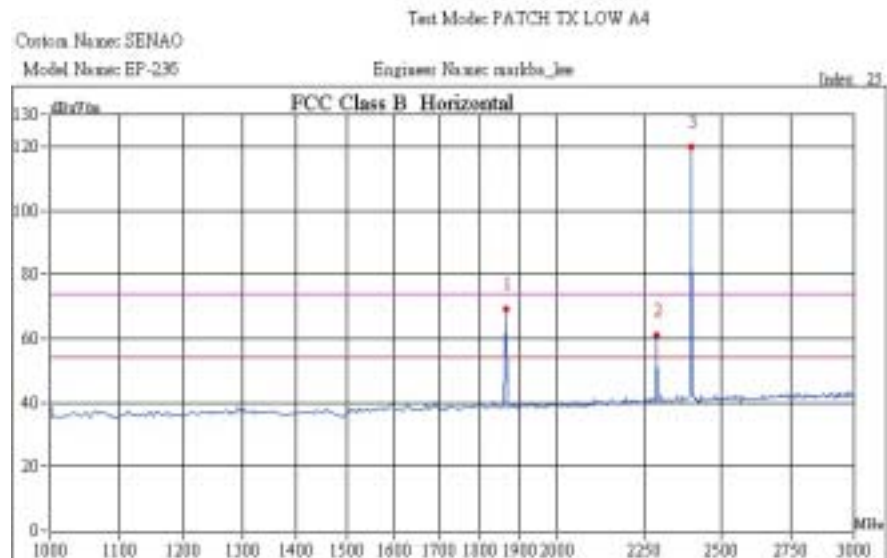
Test Date : 7/23/2002
 Test By: Markba_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1864.0	69.44	36.47	-7.35	62.09	29.12	74.00	54.00	-11.91	Peak
2292.0	61.29	37.31	-5.66	55.63	31.65	74.00	54.00	-18.37	Peak
7210.0	57.07	31.54	8.93	66.00	40.47	74.00	54.00	-8.00	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

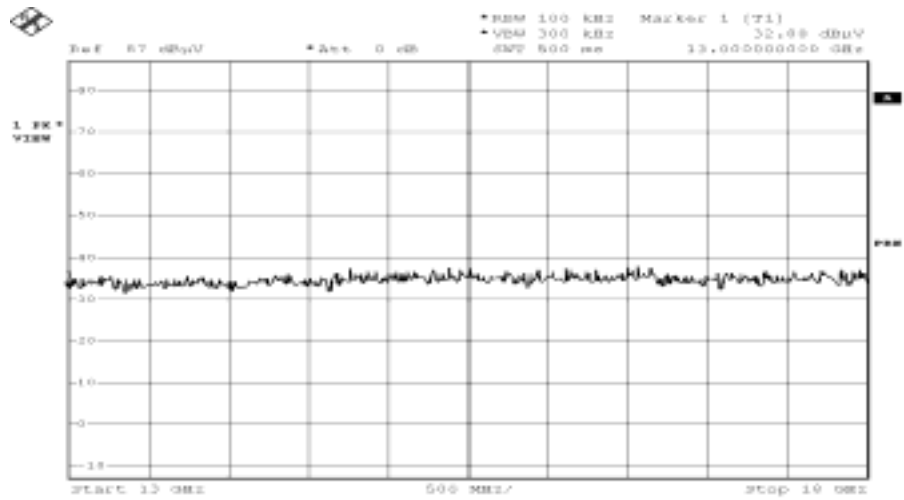
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

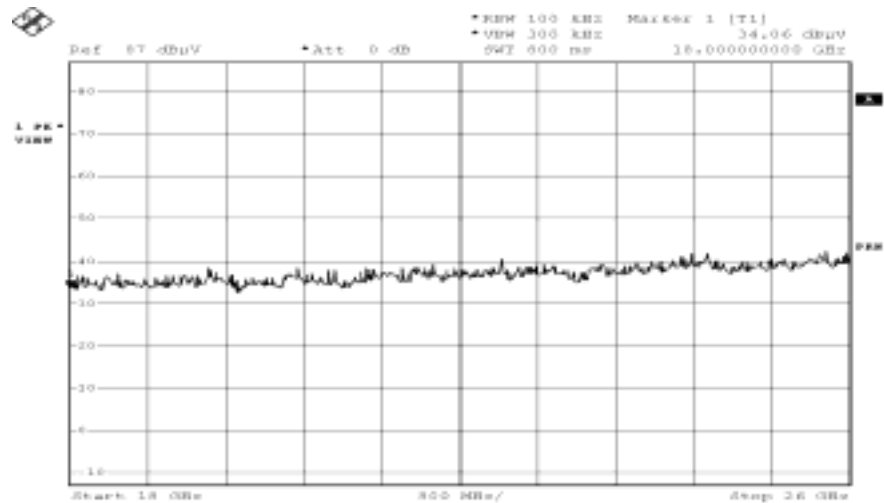
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:44:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 4
Fundamental Frequency: 2442Hz (CH MID)
Temperature : 28
Humidity : 60%

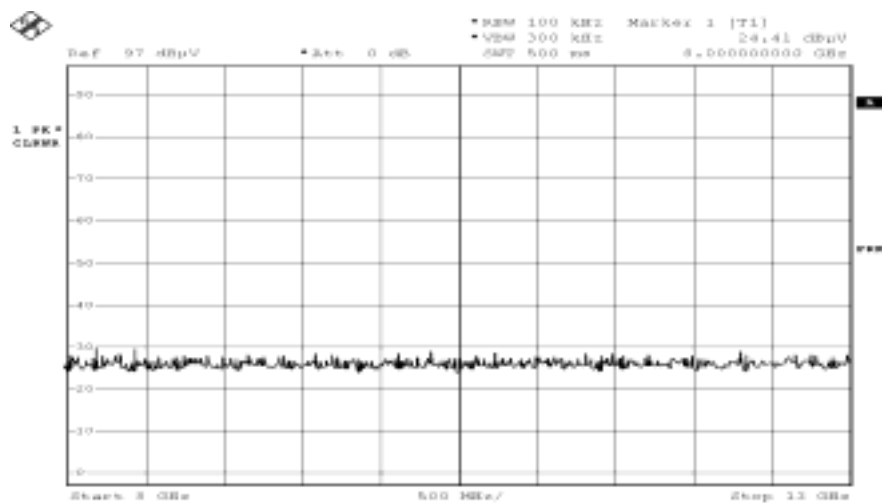
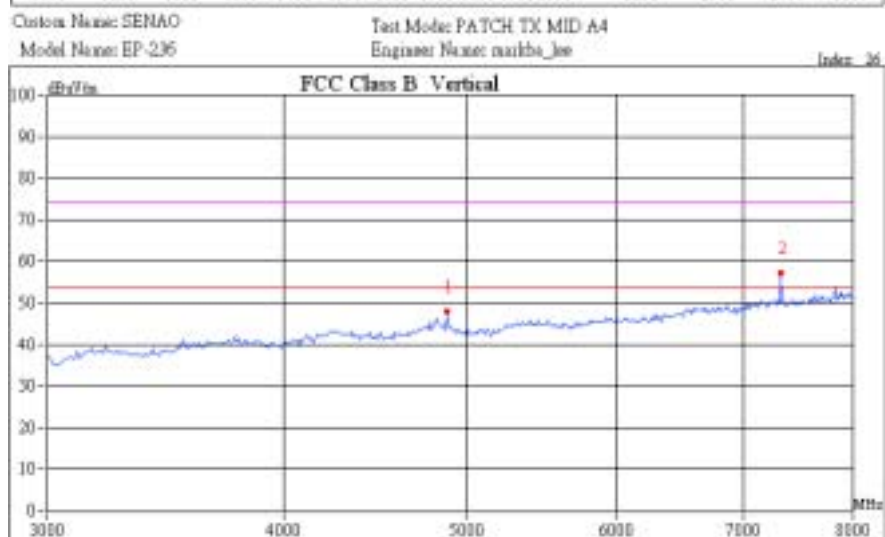
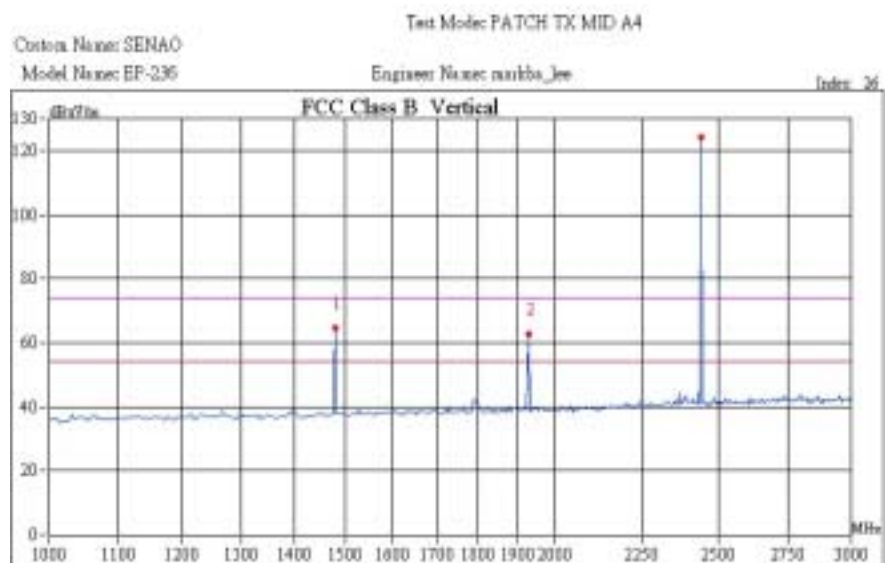
Test Date : 7/22/2002
Test By: Markba_lee
Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1484.0	64.45	35.76	-8.86	55.59	26.90	74.00	54.00	-18.41	Peak
1924.0	62.85	36.24	-7.10	55.75	29.14	74.00	54.00	-18.25	Peak
4880.0	47.97	29.54	2.15	50.12	31.69	74.00	54.00	-22.31	AV
7330.0	57.10	32.35	9.02	66.12	41.37	74.00	54.00	-7.88	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

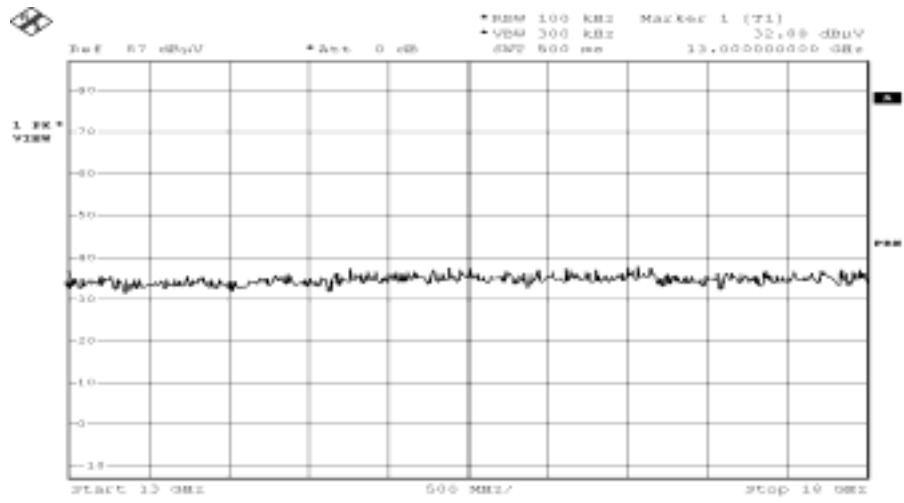
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

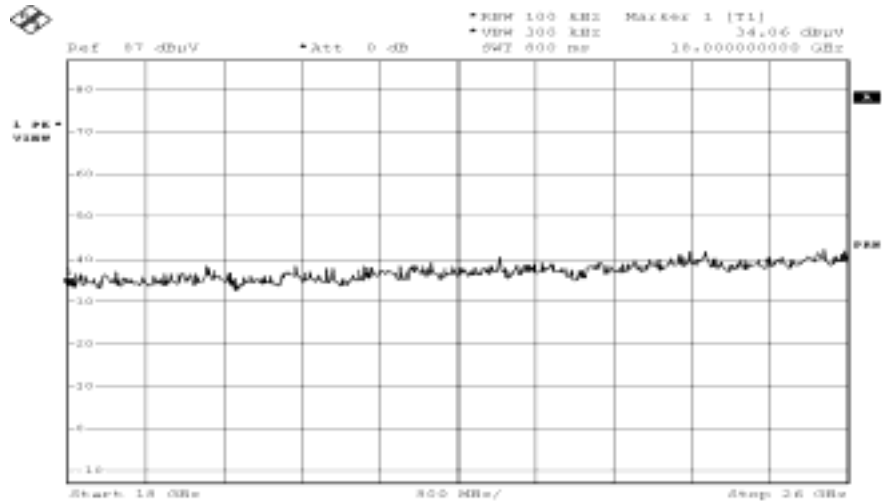
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 4
 Fundamental Frequency: 2442MHz (CH MID)
 Temperature : 28
 Humidity : 60%

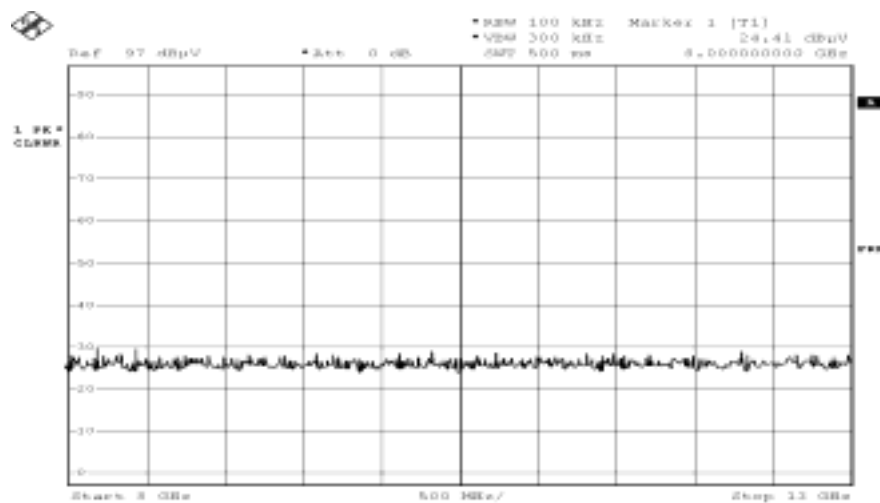
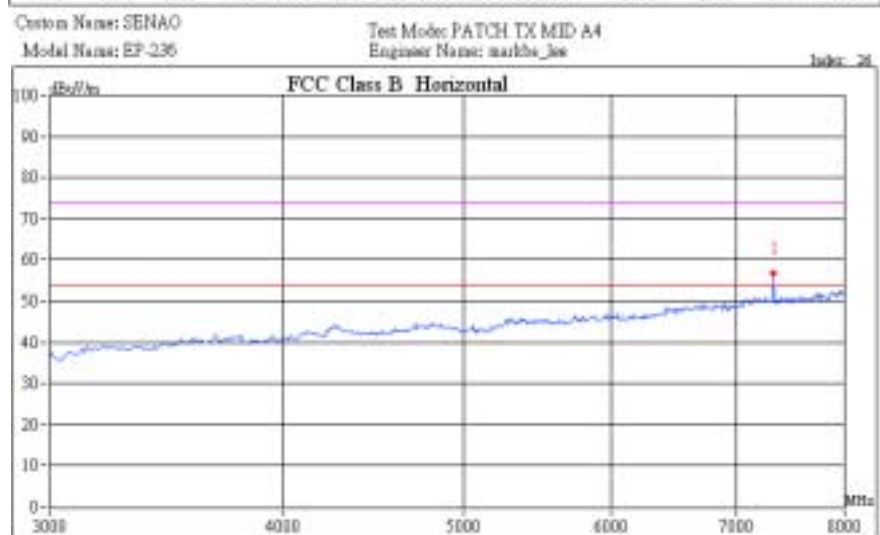
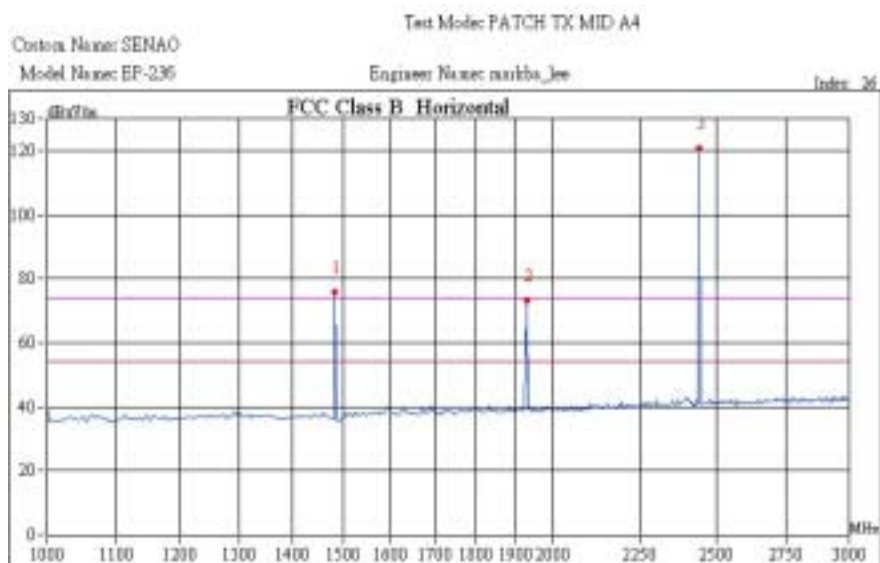
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1484.0	76.00	36.21	-8.83	67.17	27.38	74.00	54.00	-6.83	Peak
1928.0	72.95	37.28	-7.10	65.85	30.18	74.00	54.00	-8.15	Peak
7330.0	56.82	32.42	9.02	65.84	41.44	74.00	54.00	-8.16	Peak
9768.0	---	---	---	---	---	---	---	---	---
12210.0	---	---	---	---	---	---	---	---	---
14652.0	---	---	---	---	---	---	---	---	---
17094.0	---	---	---	---	---	---	---	---	---
19536.0	---	---	---	---	---	---	---	---	---
21978.0	---	---	---	---	---	---	---	---	---
24420.0	---	---	---	---	---	---	---	---	---

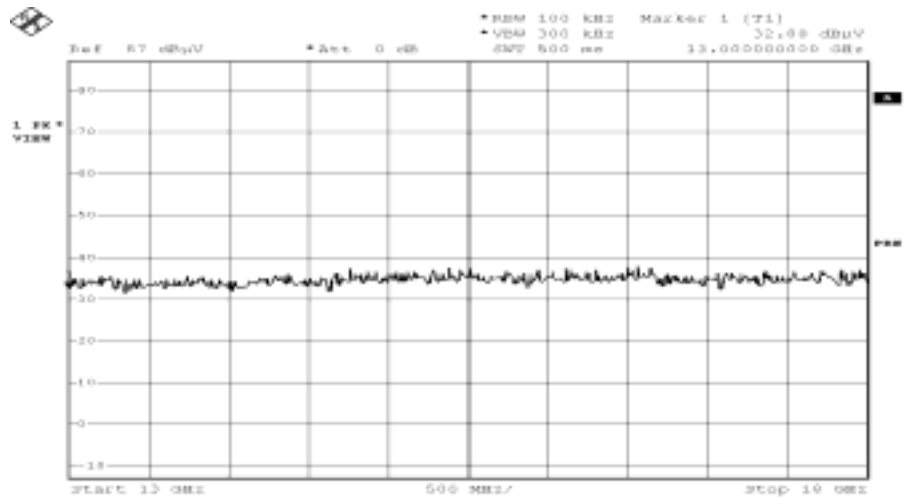
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

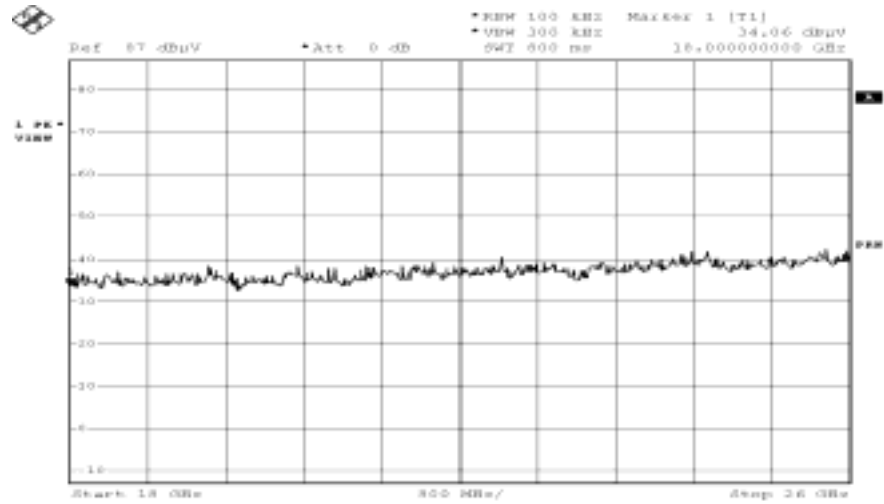
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.2KP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 4
Fundamental Frequency: 2480MHz (CH High)
Temperature: 28
Humidity: 60%

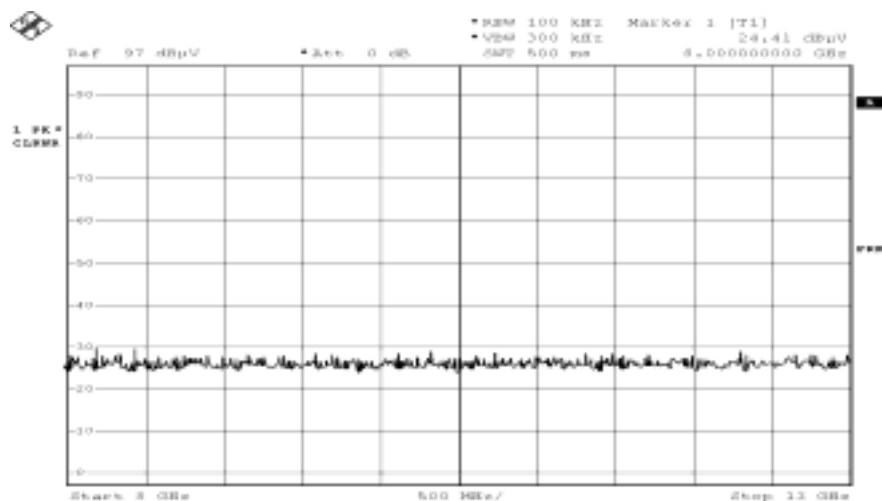
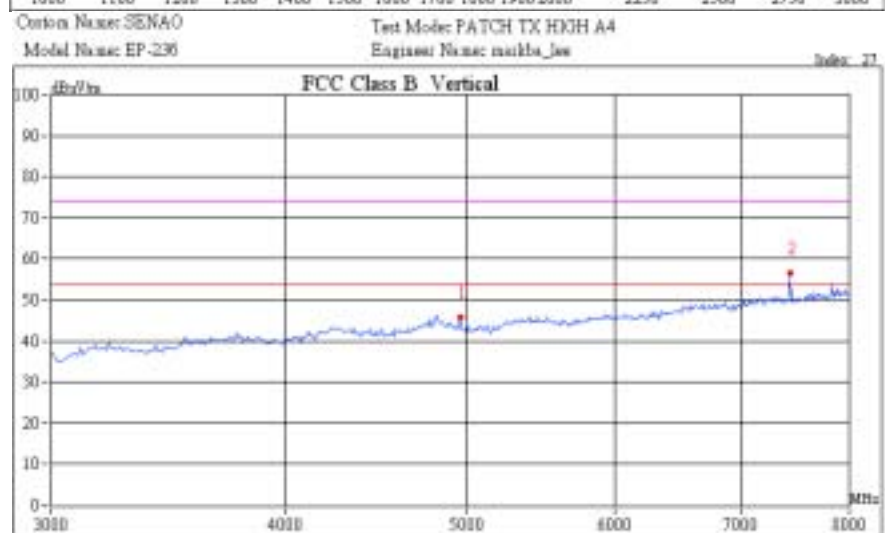
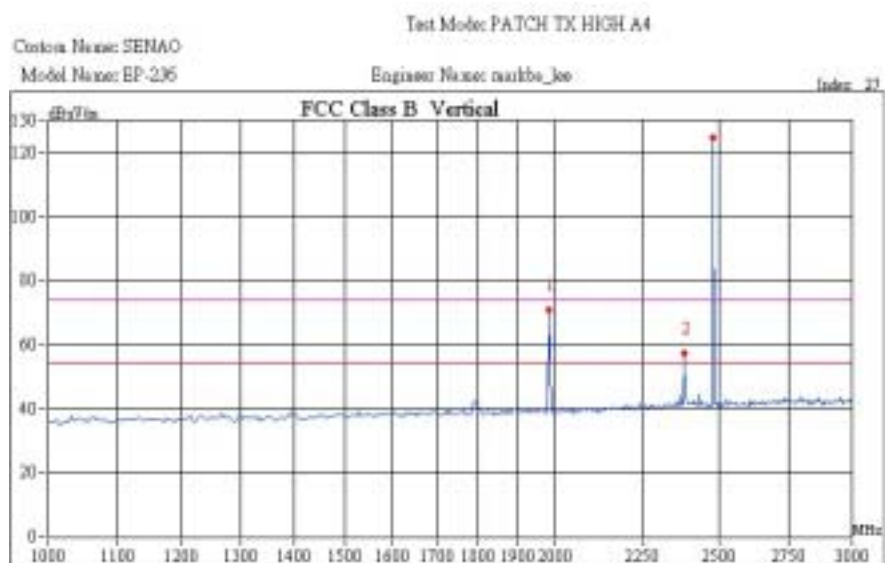
Test Date : 7/22/2002
Test By: Markba_lee
Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS Peak (dBuV/m)	Actual FS AV (dBuV/m)	Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
1984.0	70.83	36.27	-6.90	63.93	29.37	74.00	54.00	-10.07	Peak
2384.0	57.30	38.22	-5.28	52.02	32.94	74.00	54.00	-21.06	AV
4960.0	45.89	28.73	2.27	48.16	31.00	74.00	54.00	-23.00	AV
7440.0	56.45	30.90	9.10	65.55	40.00	74.00	54.00	-8.45	Peak
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

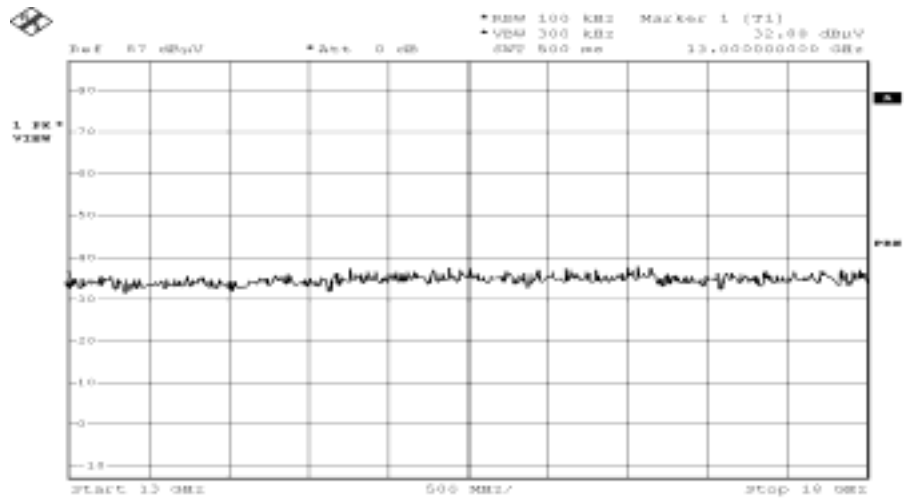
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

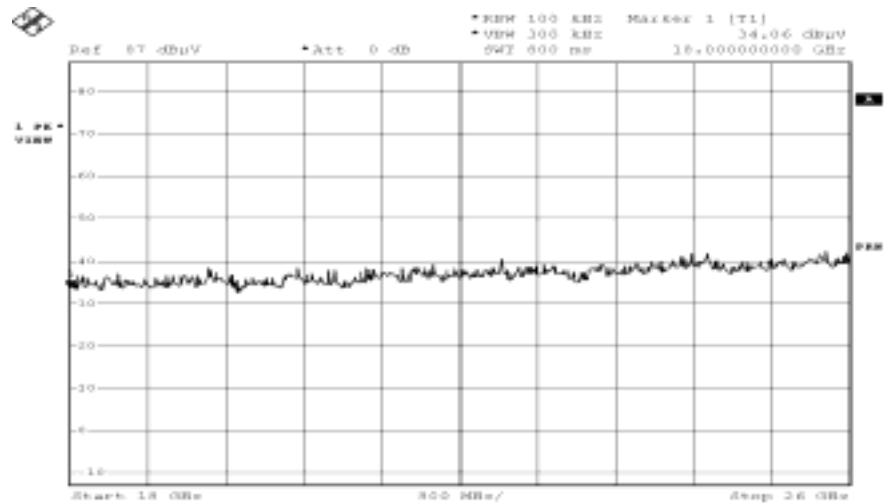
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:11:53



Comment: As TX Duty cycle
Date: 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 4
Fundamental Frequency: 2480MHz (CH High)
Temperature : 28
Humidity : 60%

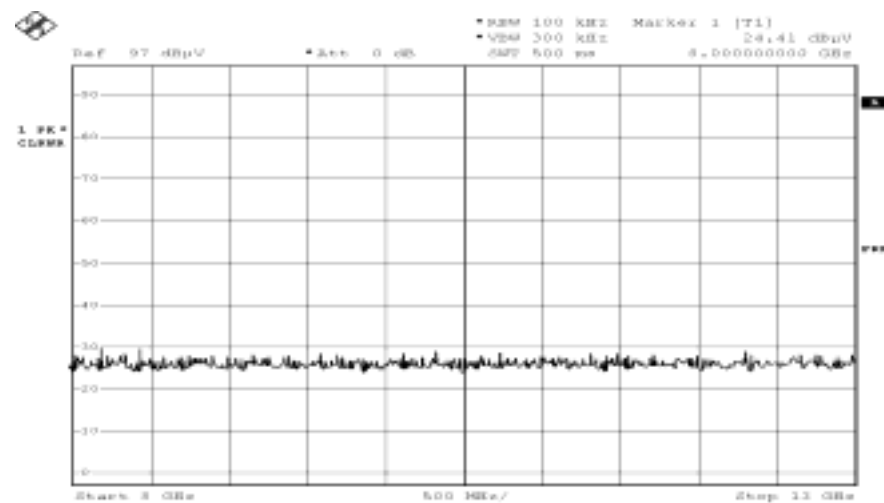
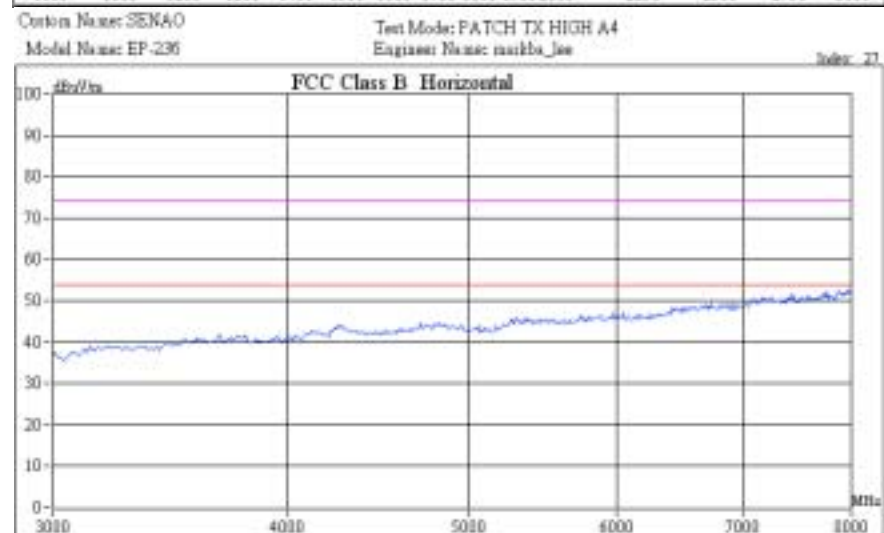
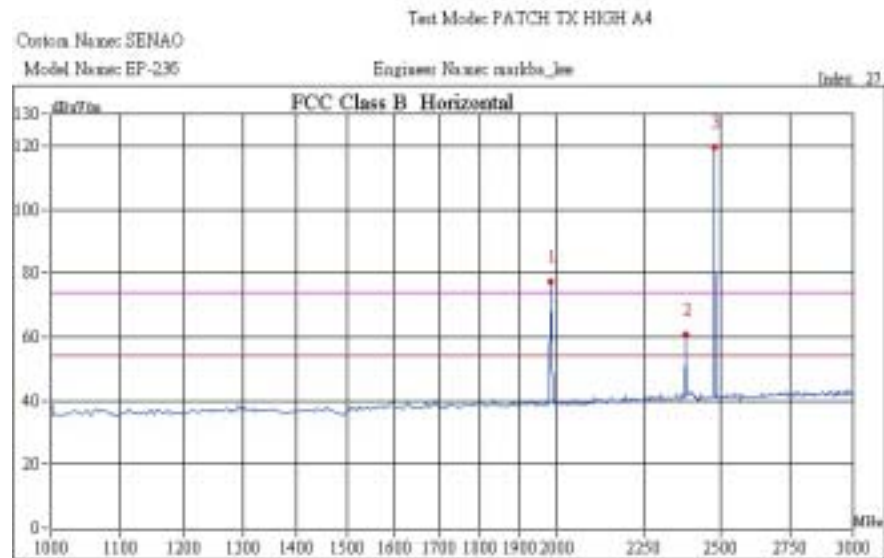
Test Date : 7/22/2002
Test By: Markba_lee
Pol: HORIZONTAL

Freq. (MHz)	Peak Reading	AV Reading	Ant./CL CF(dB)	Actual FS		Peak Limit	AV Limit	Margin (dB)	
	(dBuV)	(dBuV)		Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)		
1984.0	77.26	37.14	-6.90	70.36	30.24	74.00	54.00	-16.37	AV
2384.0	60.60	36.09	-6.90	53.70	29.19	74.00	54.00	-16.37	AV
7440.0	---	---	---	---	---	---	---	---	---
9920.0	---	---	---	---	---	---	---	---	---
12400.0	---	---	---	---	---	---	---	---	---
14880.0	---	---	---	---	---	---	---	---	---
17360.0	---	---	---	---	---	---	---	---	---
19840.0	---	---	---	---	---	---	---	---	---
22320.0	---	---	---	---	---	---	---	---	---
24800.0	---	---	---	---	---	---	---	---	---

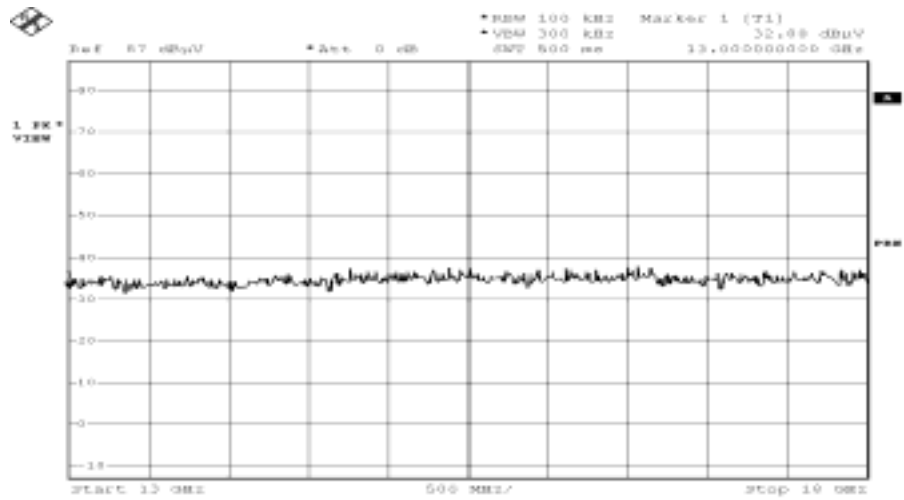
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

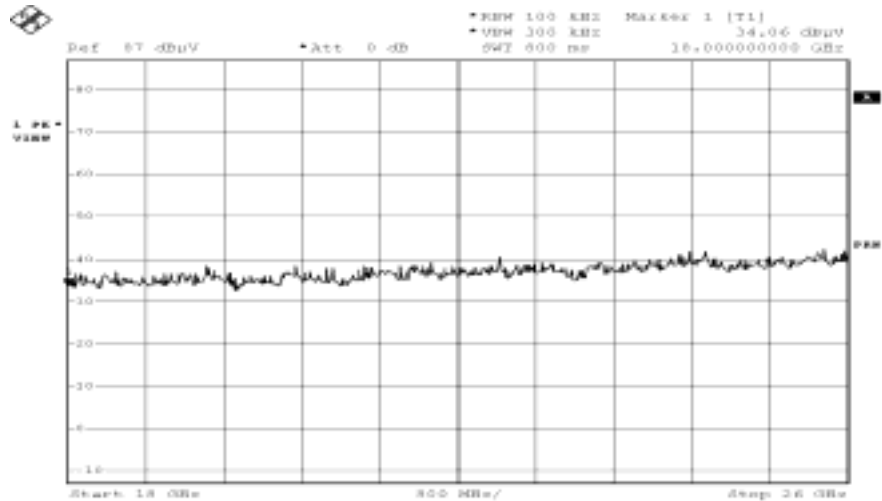
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment As TX Duty cycle
Date 18. SEP. 2002 06:11:53



Comment As TX Duty cycle
Date 18. SEP. 2002 06:12:50

Measurement Result (above 1GHz)

Operation Mode: BASE TX Mode Antenna 5
 Fundamental Frequency: 2401Hz (CH Low)
 Temperature : 28
 Humidity : 60%

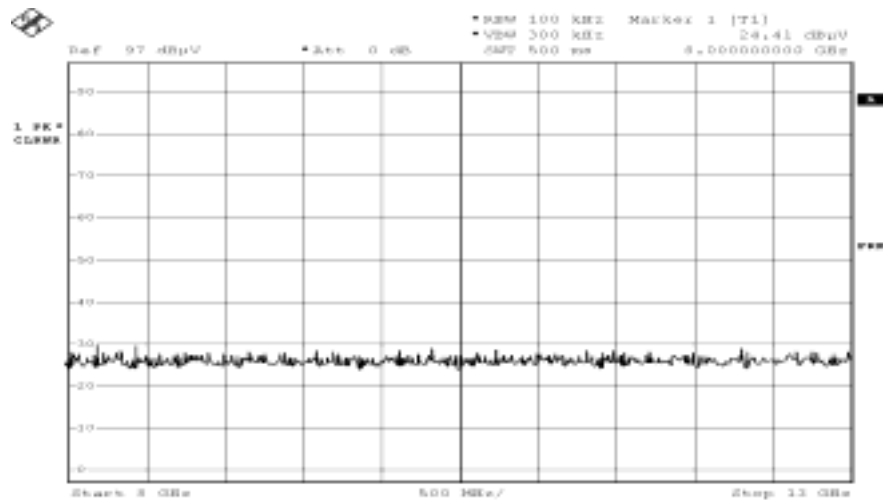
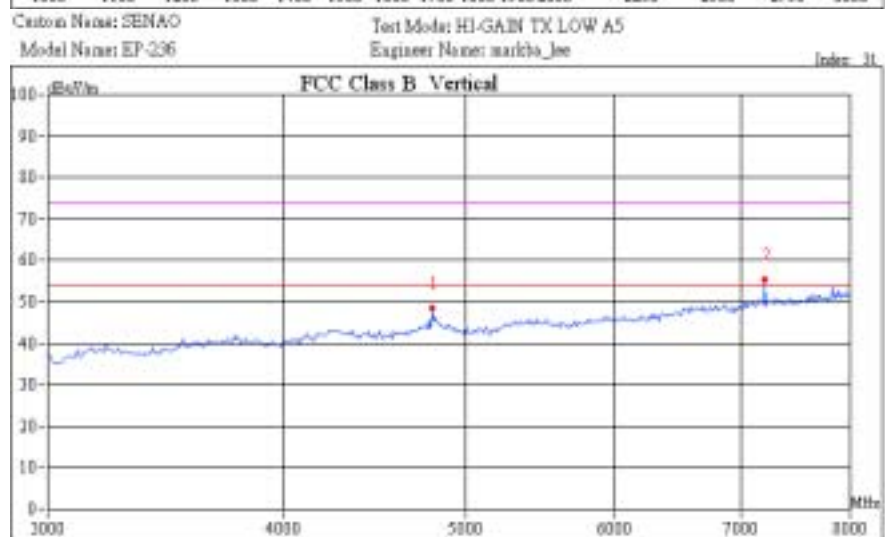
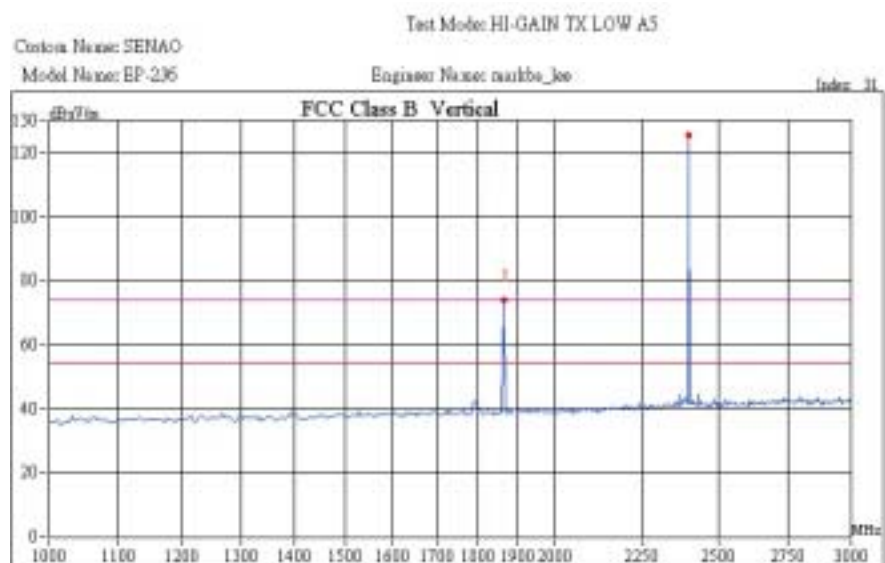
Test Date : 7/22/2002
 Test By: Markba_lee
 Pol: VERTICAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
				Peak (dBuV/m)	AV (dBuV/m)				
1864.0	73.98	37.02	-7.35	66.63	29.67	74.00	54.00	-7.37	Peak
4800.0	48.41	29.37	2.03	50.44	31.40	74.00	54.00	-22.60	AV
7210.0	55.48	30.96	8.93	64.41	39.89	74.00	54.00	-9.59	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

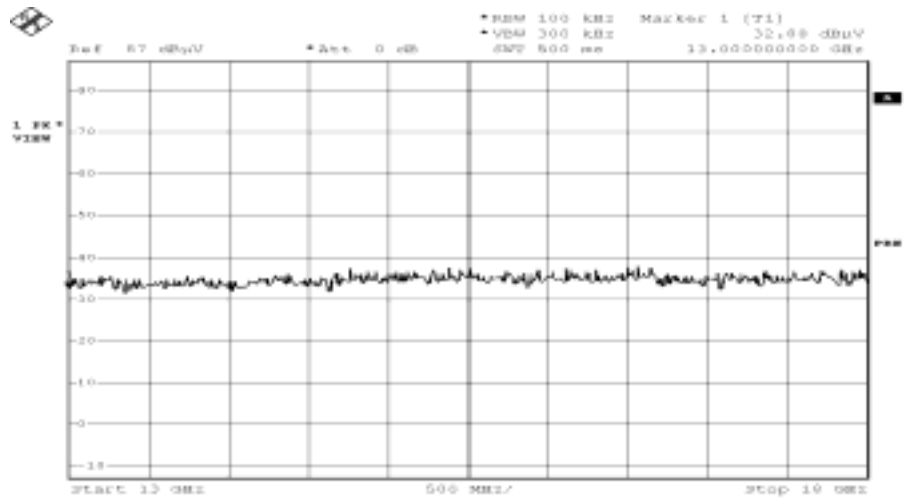
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

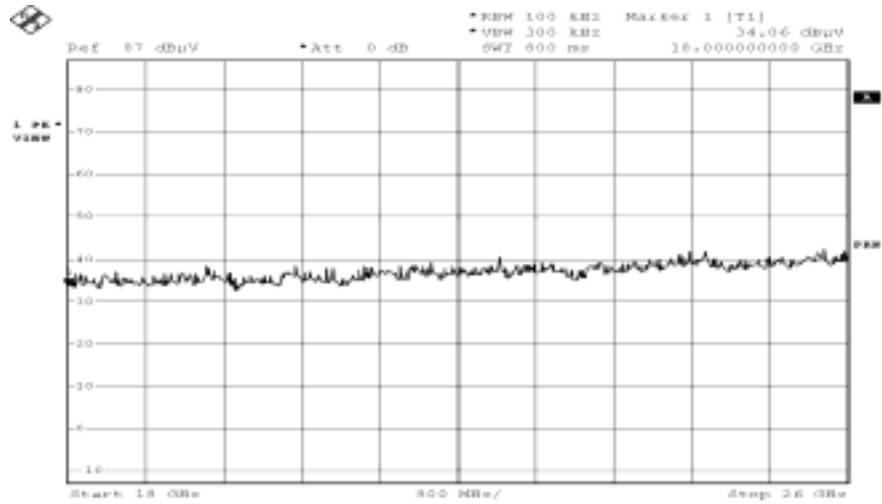
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment As TX Duty cycle
Date 18. SEP. 2002 06:11:53



Comment As TX Duty cycle
Date 18. SEP. 2002 06:12:50

Operation Mode: BASE TX Mode Antenna 5
 Fundamental Frequency: 2401MHz (CH Low)
 Temperature : 28
 Humidity : 60%

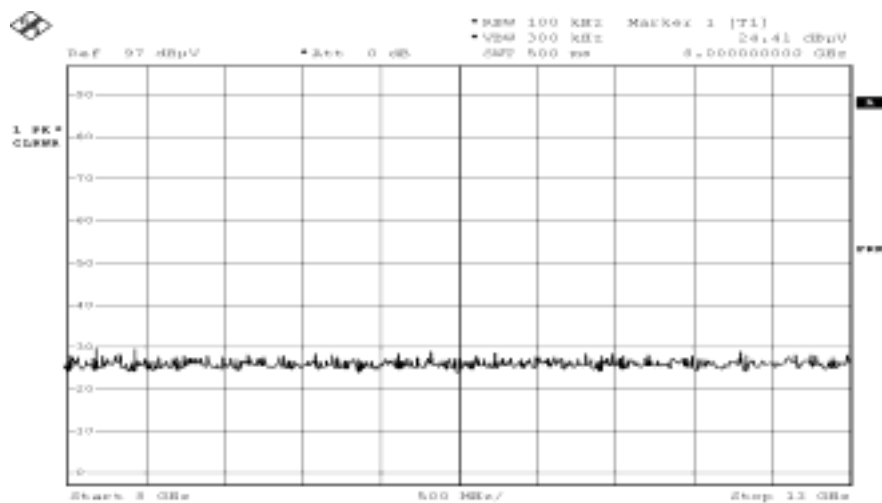
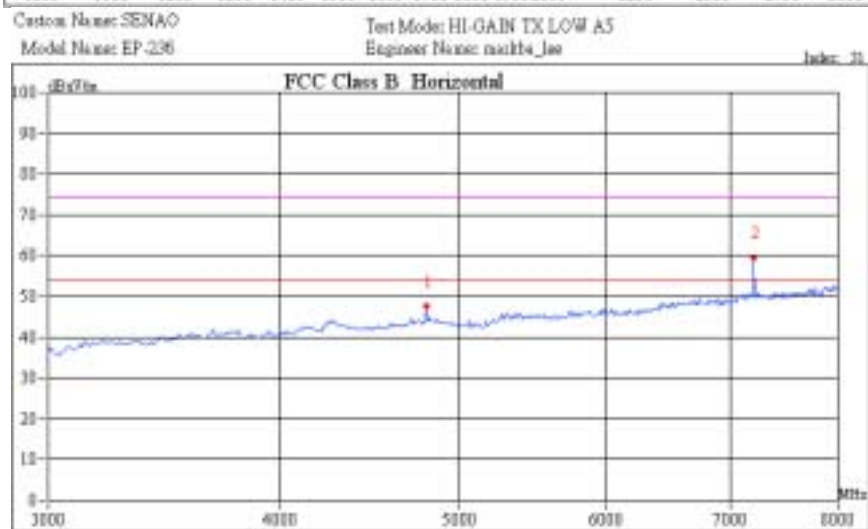
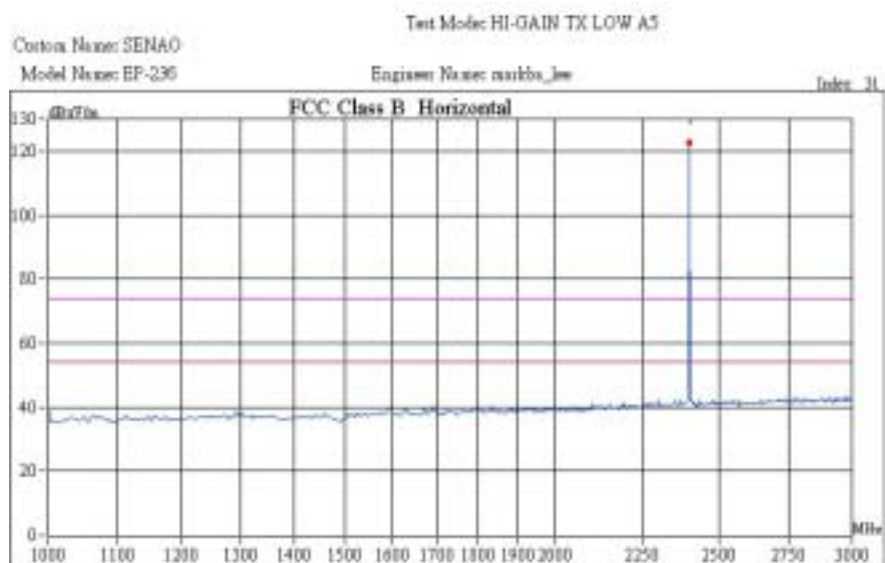
Test Date : 7/23/2002
 Test By: Markba_lee
 Pol: HORIZONTAL

Freq. (MHz)	Peak Reading (dBuV)	AV Reading (dBuV)	Ant./CL CF(dB)	Actual FS		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	
				Peak (dBuV/m)	AV (dBuV/m)				
4800.0	47.49	29.85	2.03	49.52	31.88	74.00	54.00	-22.12	AV
7210.0	59.67	31.18	8.93	68.60	40.11	74.00	54.00	-5.40	Peak
9604.0	---	---	---	---	---	---	---	---	---
12005.0	---	---	---	---	---	---	---	---	---
14406.0	---	---	---	---	---	---	---	---	---
16807.0	---	---	---	---	---	---	---	---	---
19208.0	---	---	---	---	---	---	---	---	---
21609.0	---	---	---	---	---	---	---	---	---
24010.0	---	---	---	---	---	---	---	---	---

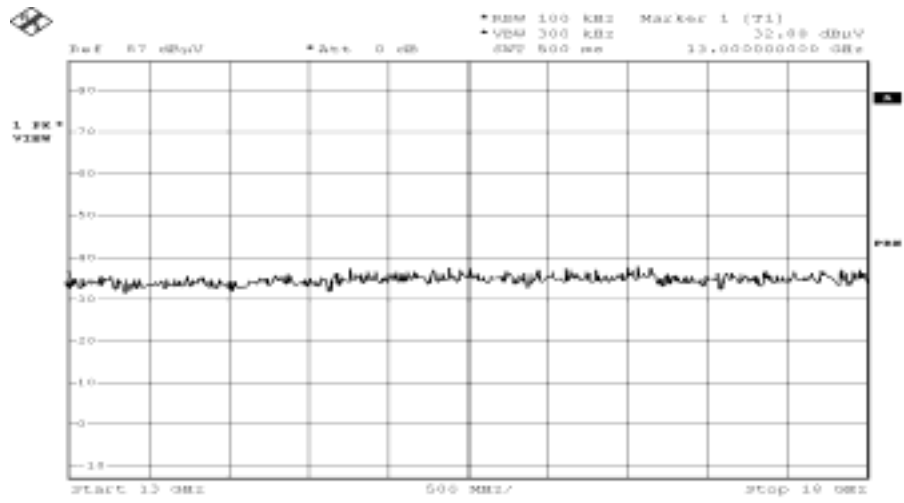
Remark :

- (1) Measuring frequencies from 30 MHz to the 10th harmonic of highest fundamental frequency.
- (2) Datas of measurement within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) Radiated emissions measured in frequency **above 1000MHz** were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- (4) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 8GHz, RBW= 1MHz, VBW= 1MHz, Sweep time= 200 ms.
 The RBW is setting to 100KHz for frequency above 8GHz, for the purpose of ascertain this device haven't noise.

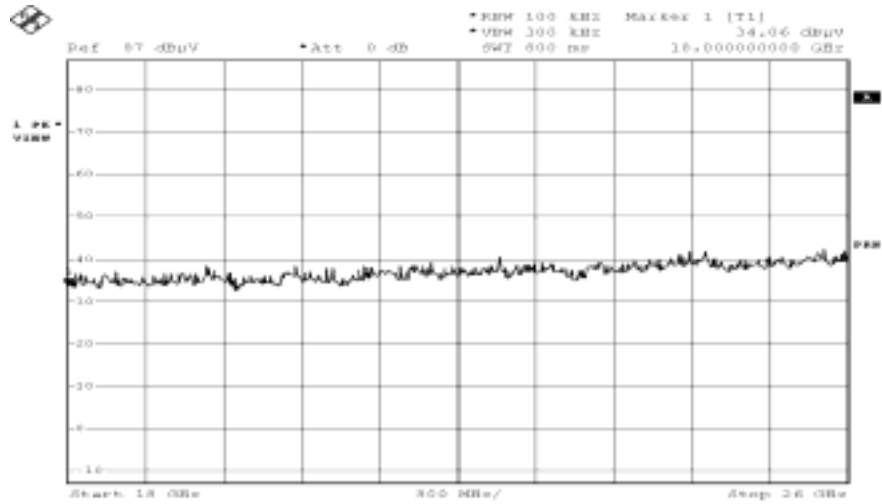
15.209 Radiated Emission Test Plot



Comment As TX Duty cycle
Date: 18.JEP.2002 09:46:35



Comment As TX Duty cycle
Date 18 SEP 2002 06:11:53



Comment As TX Duty cycle
Date 18 SEP 2002 06:12:50