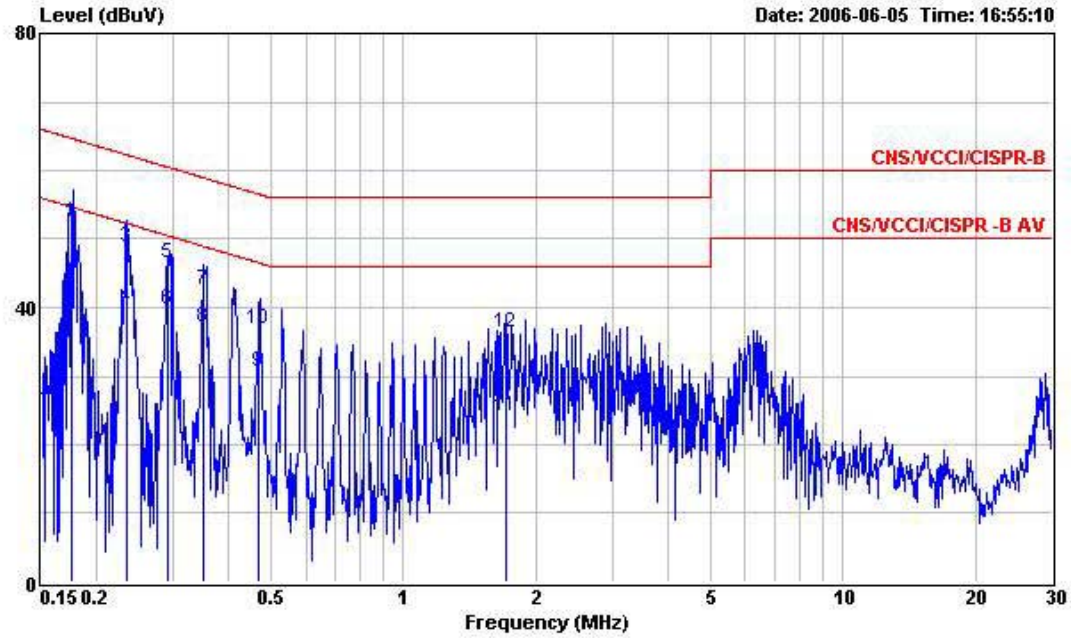
5.8.13Test Mode: Mode 11

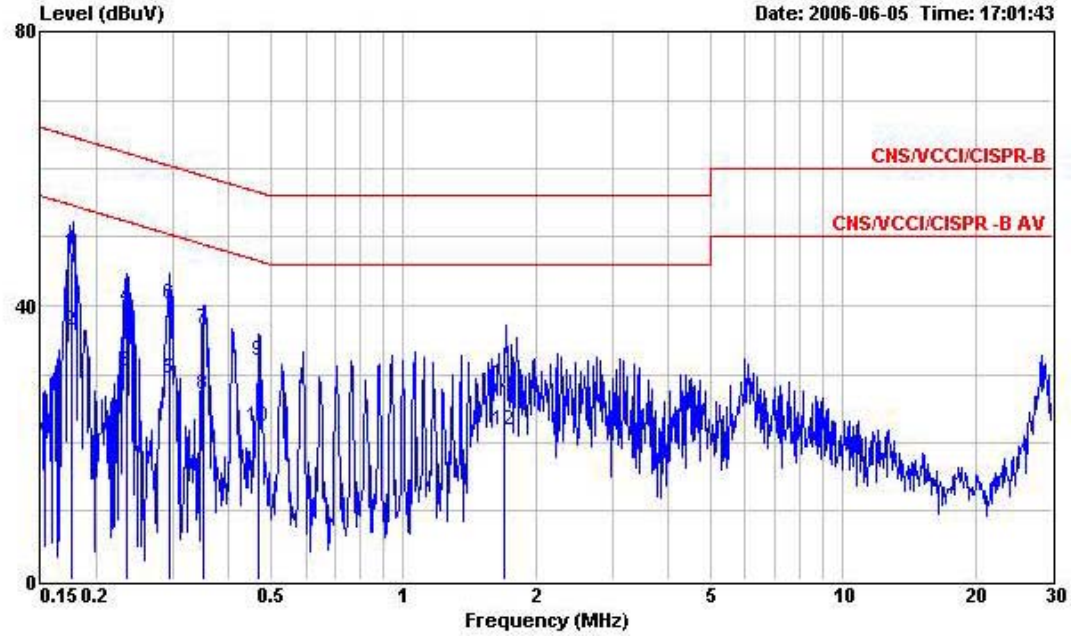
- Frequency Range of Test: from 0.15 MHz to 30 MHz
- Temperature: 26°C
- Relative Humidity: 53%
- Test Engineer: Andy
- All emissions not reported here are more than 10 dB below the prescribed limit.

■ **The test that passed at the minimum margin was marked by a frame in the following data**



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
EUT : PDA PHONE(KD1-RT06)
Power : 120V/60Hz
Model : Knight Rider
Memo : PCS 1900 IDLE+EARPHONE+ADAPTER
Memo : +H PATTERN+BT LINK
CHARGER : Helmsmsn(SCP0501000PU)#5

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	52.50	-12.19	64.69	52.34	0.10	0.06	QP
2	0.176	42.80	-11.89	54.69	42.64	0.10	0.06	Average
3	0.235	48.85	-13.41	62.26	48.69	0.10	0.06	QP
4	0.235	40.10	-12.16	52.26	39.94	0.10	0.06	Average
5	0.292	46.54	-13.92	60.46	46.37	0.10	0.07	QP
6	0.292	39.75	-10.71	50.46	39.58	0.10	0.07	Average
7	0.352	42.70	-16.21	58.91	42.52	0.10	0.08	QP
8	0.352	37.20	-11.71	48.91	37.02	0.10	0.08	Average
9	0.470	30.56	-15.96	46.52	30.39	0.10	0.07	Average
10	0.470	36.85	-19.67	56.52	36.68	0.10	0.07	QP
11	1.716	24.06	-21.94	46.00	23.86	0.10	0.10	Average
12	1.716	36.25	-19.75	56.00	36.05	0.10	0.10	QP



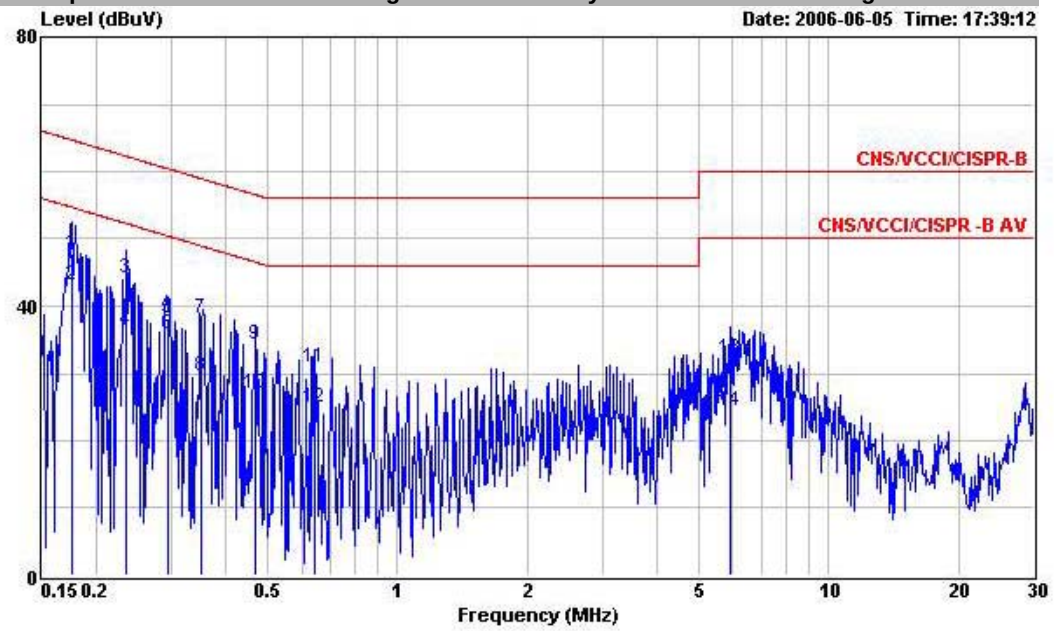
Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
EUT : PDA PHONE(KD1-RT06)
Power : 120V/60Hz
Model : Knight Rider
Memo : PCS 1900 IDLE+EARPHONE+ADAPTER
Memo : +H PATTERN+BT LINK
CHARGER : Helmsmsn(SCP0501000PU)#5

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	47.68	-17.01	64.69	47.52	0.10	0.06	QP
2	0.176	36.36	-18.33	54.69	36.20	0.10	0.06	Average
3	0.235	30.47	-21.81	52.28	30.31	0.10	0.06	Average
4	0.235	39.80	-22.48	62.28	39.64	0.10	0.06	QP
5	0.294	29.28	-21.13	50.41	29.11	0.10	0.07	Average
6	0.294	40.15	-20.26	60.41	39.98	0.10	0.07	QP
7	0.351	36.73	-22.20	58.93	36.55	0.10	0.08	QP
8	0.351	27.10	-21.83	48.93	26.92	0.10	0.08	Average
9	0.466	31.97	-24.61	56.58	31.80	0.10	0.07	QP
10	0.466	22.31	-24.27	46.58	22.14	0.10	0.07	Average
11	1.700	28.60	-27.40	56.00	28.40	0.10	0.10	QP
12	1.700	21.79	-24.21	46.00	21.59	0.10	0.10	Average

5.8.14 Test Mode: Mode 12

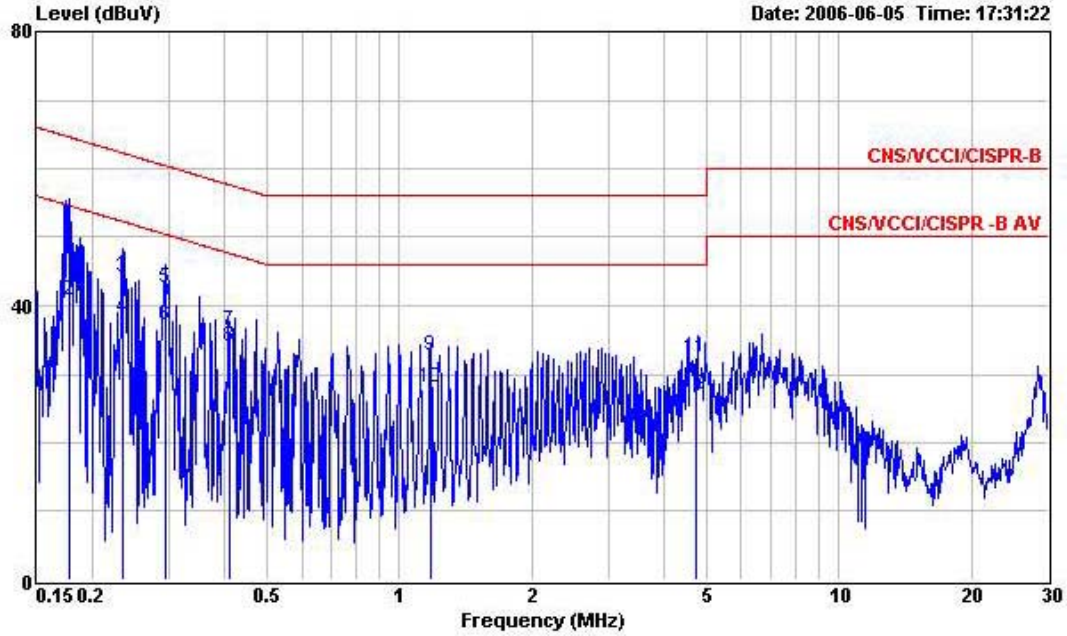
- Frequency Range of Test: from 0.15 MHz to 30 MHz
- Temperature: 26°C
- Relative Humidity: 53%
- Test Engineer: Andy
- All emissions not reported here are more than 10 dB below the prescribed limit.

■ **The test that passed at the minimum margin was marked by a frame in the following data**



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
EUT : PDA PHONE(KD1-RT06)
Power : 120V/60Hz
Model : Knight Rider
Memo : PCS 1900 IDLE+EARPHONE+ADAPTER
Memo : +H PATTERN+USB LINK
CHARGER : Helmsmsn(SCP0501000PU)#5

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	47.84	-16.83	64.67	47.68	0.10	0.06	QP
2	0.176	43.05	-11.62	54.67	42.89	0.10	0.06	Average
3	0.235	44.10	-18.17	62.27	43.94	0.10	0.06	QP
4	0.235	36.27	-16.00	52.27	36.11	0.10	0.06	Average
5	0.292	38.20	-22.26	60.46	38.03	0.10	0.07	QP
6	0.292	35.86	-14.60	50.46	35.69	0.10	0.07	Average
7	0.351	38.07	-20.86	58.93	37.89	0.10	0.08	QP
8	0.351	29.68	-19.25	48.93	29.50	0.10	0.08	Average
9	0.469	34.33	-22.20	56.53	34.16	0.10	0.07	QP
10	0.469	26.96	-19.57	46.53	26.79	0.10	0.07	Average
11	0.643	31.03	-24.97	56.00	30.87	0.10	0.06	QP
12	0.643	24.99	-21.01	46.00	24.83	0.10	0.06	Average
13	5.907	32.32	-27.68	60.00	31.95	0.24	0.13	QP
14	5.907	24.43	-25.57	50.00	24.06	0.24	0.13	Average



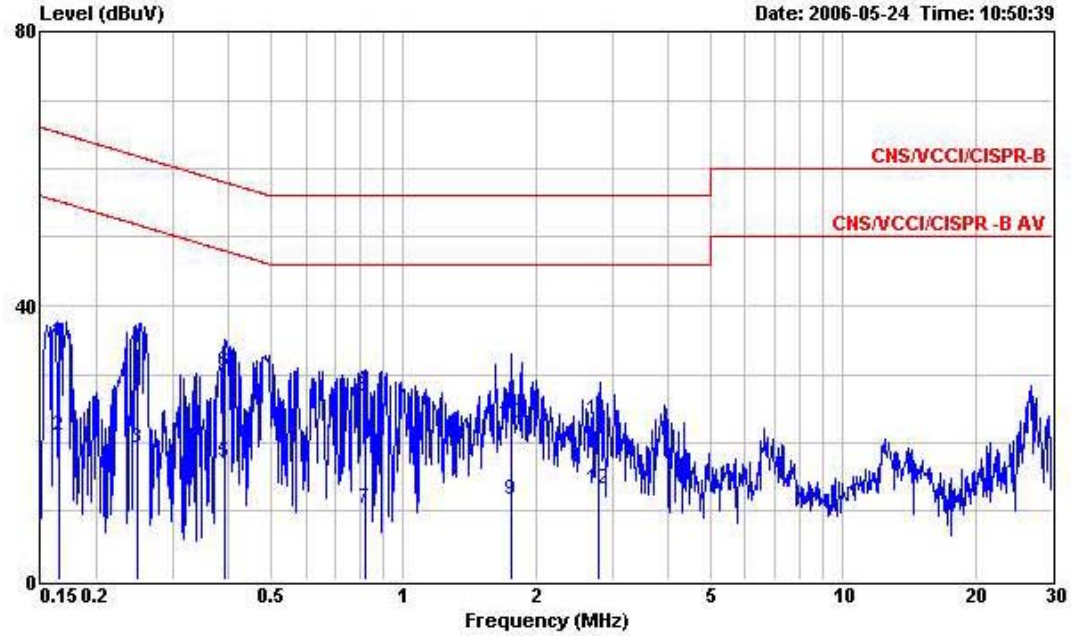
Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
EUT : PDA PHONE(KD1-RT06)
Power : 120V/60Hz
Model : Knight Rider
Memo : PCS 1900 IDLE+EARPHONE+ADAPTER
Memo : +H PATTERN+USB LINK
CHARGER : Helmsmsn(SCP0501000PU)#5

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.177	51.61	-13.01	64.62	51.45	0.10	0.06	QP
2	0.177	40.73	-13.89	54.62	40.57	0.10	0.06	Average
3	0.235	44.05	-18.21	62.26	43.89	0.10	0.06	QP
4	0.235	38.05	-14.21	52.26	37.89	0.10	0.06	Average
5	0.293	42.61	-17.82	60.43	42.44	0.10	0.07	QP
6	0.293	37.19	-13.24	50.43	37.02	0.10	0.07	Average
7	0.409	36.40	-21.26	57.66	36.22	0.10	0.08	QP
8	0.409	34.12	-13.54	47.66	33.94	0.10	0.08	Average
9	1.174	32.64	-23.36	56.00	32.48	0.10	0.06	QP
10	1.174	28.15	-17.85	46.00	27.99	0.10	0.06	Average
11	4.748	32.54	-23.46	56.00	32.30	0.12	0.12	QP
12	4.748	26.91	-19.09	46.00	26.67	0.12	0.12	Average

5.8.15 Test Mode: Mode 13

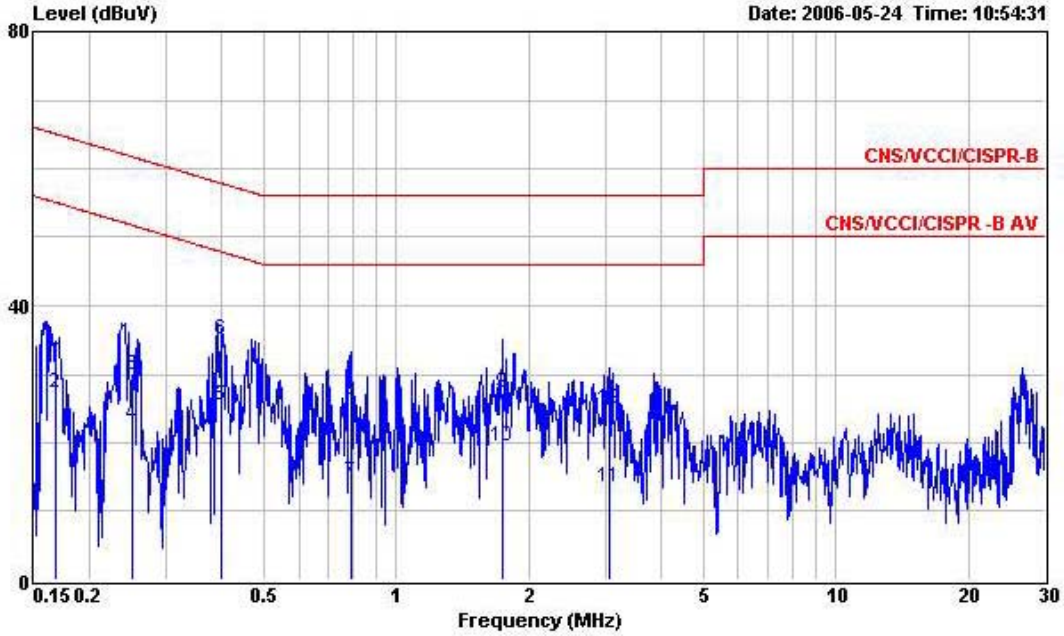
- Frequency Range of Test: from 0.15 MHz to 30 MHz
- Temperature: 26°C
- Relative Humidity: 53%
- Test Engineer: Andy
- All emissions not reported here are more than 10 dB below the prescribed limit.

■ The test that passed at the minimum margin was marked by a frame in the following data



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
EUT : PDA PHONE(S/N:KE2-2891)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+BT LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.164	34.74	-30.52	65.26	34.59	0.10	0.05	QP
2	0.164	21.16	-34.10	55.26	21.01	0.10	0.05	Average
3	0.249	19.33	-32.46	51.79	19.16	0.10	0.07	Average
4	0.249	33.89	-27.90	61.79	33.72	0.10	0.07	QP
5	0.393	17.08	-30.92	48.00	16.90	0.10	0.08	Average
6	0.393	30.30	-27.70	58.00	30.12	0.10	0.08	QP
7	0.817	10.47	-35.53	46.00	10.32	0.10	0.05	Average
8	0.817	26.68	-29.32	56.00	26.53	0.10	0.05	QP
9	1.761	11.72	-34.28	46.00	11.51	0.10	0.11	Average
10	1.761	22.98	-33.02	56.00	22.77	0.10	0.11	QP
11	2.790	23.28	-32.72	56.00	23.01	0.15	0.12	QP
12	2.790	13.36	-32.64	46.00	13.09	0.15	0.12	Average



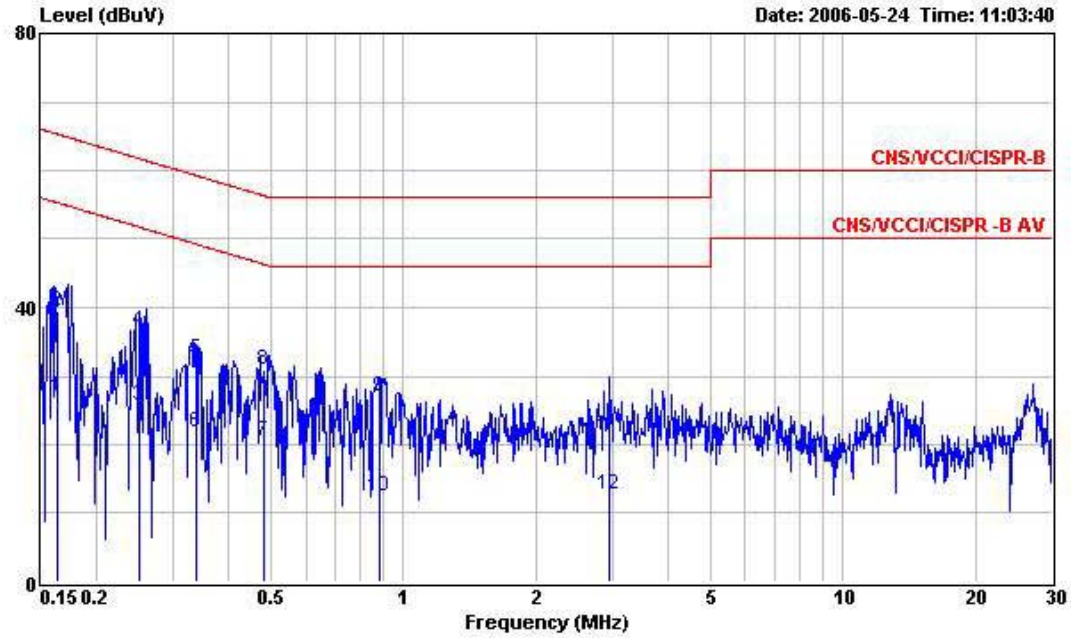
Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
EUT : PDA PHONE(S/N:KE2-2891)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+BT LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.167	31.80	-33.31	65.11	31.65	0.10	0.05	QP
2	0.167	27.32	-27.79	55.11	27.17	0.10	0.05	Average
3	0.250	29.80	-31.97	61.77	29.63	0.10	0.07	QP
4	0.250	22.57	-29.20	51.77	22.40	0.10	0.07	Average
5	0.399	25.43	-22.45	47.88	25.25	0.10	0.08	Average
6	0.399	35.03	-22.85	57.88	34.85	0.10	0.08	QP
7	0.792	14.27	-31.73	46.00	14.12	0.10	0.05	Average
8	0.792	26.20	-29.80	56.00	26.05	0.10	0.05	QP
9	1.740	27.34	-28.66	56.00	27.14	0.10	0.10	QP
10	1.740	19.44	-26.56	46.00	19.24	0.10	0.10	Average
11	3.040	13.63	-32.37	46.00	13.41	0.10	0.12	Average
12	3.040	24.92	-31.08	56.00	24.70	0.10	0.12	QP

5.8.16 Test Mode: Mode 14

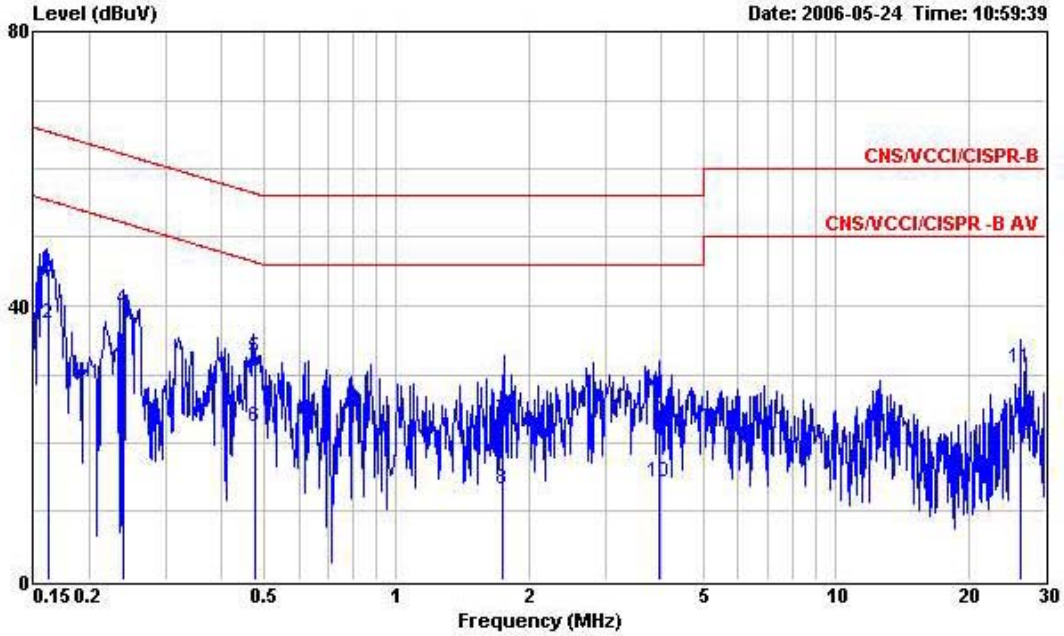
- Frequency Range of Test: from 0.15 MHz to 30 MHz
- Temperature: 26°C
- Relative Humidity: 53%
- Test Engineer: Andy
- All emissions not reported here are more than 10 dB below the prescribed limit.

■ **The test that passed at the minimum margin was marked by a frame in the following data**



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
EUT : PDA PHONE(S/N:KE2-2891)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+USB LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.163	27.08	-28.22	55.30	26.93	0.10	0.05	Average
2	0.163	39.43	-25.87	65.30	39.28	0.10	0.05	QP
3	0.250	25.84	-25.93	51.77	25.67	0.10	0.07	Average
4	0.250	36.61	-25.16	61.77	36.44	0.10	0.07	QP
5	0.337	32.40	-26.89	59.29	32.23	0.10	0.07	QP
6	0.337	21.80	-27.49	49.29	21.63	0.10	0.07	Average
7	0.481	20.46	-25.86	46.32	20.29	0.10	0.07	Average
8	0.481	30.83	-25.49	56.32	30.66	0.10	0.07	QP
9	0.885	26.89	-29.11	56.00	26.74	0.10	0.05	QP
10	0.885	12.53	-33.47	46.00	12.38	0.10	0.05	Average
11	2.950	21.31	-34.69	56.00	21.03	0.16	0.12	QP
12	2.950	12.65	-33.35	46.00	12.37	0.16	0.12	Average



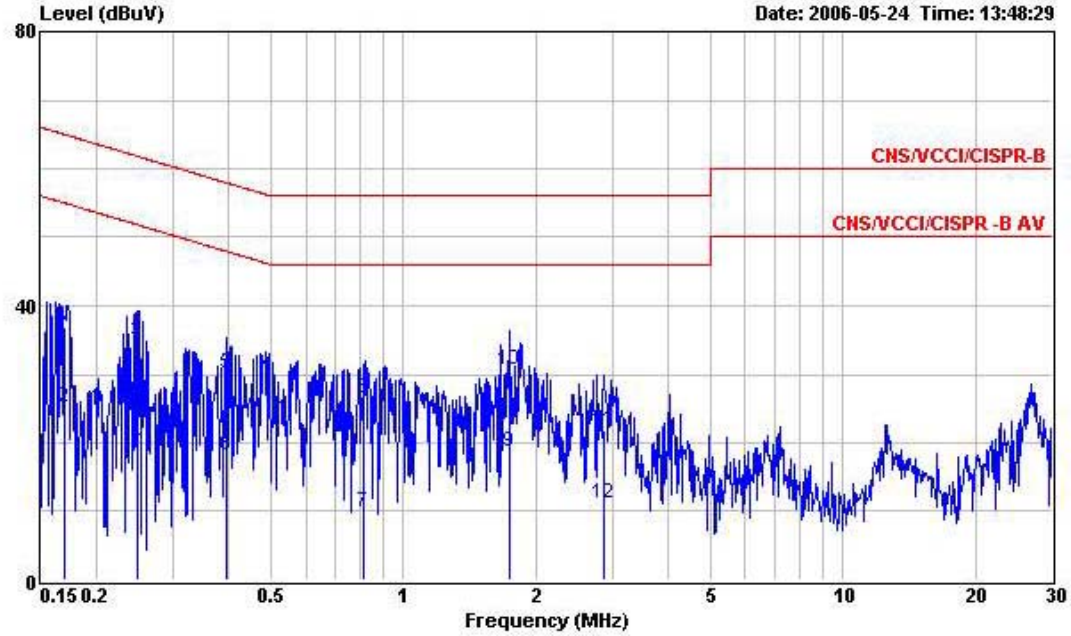
Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
EUT : PDA PHONE(S/N:KE2-2891)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+USB LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.162	45.36	-20.00	65.36	45.21	0.10	0.05	QP
2	0.162	37.34	-18.02	55.36	37.19	0.10	0.05	Average
3	0.239	30.39	-21.74	52.13	30.22	0.10	0.07	Average
4	0.239	39.38	-22.75	62.13	39.21	0.10	0.07	QP
5	0.476	32.52	-23.89	56.41	32.35	0.10	0.07	QP
6	0.476	22.35	-24.06	46.41	22.18	0.10	0.07	Average
7	1.750	23.34	-32.66	56.00	23.14	0.10	0.10	QP
8	1.750	13.15	-32.85	46.00	12.95	0.10	0.10	Average
9	3.960	25.03	-30.97	56.00	24.81	0.10	0.12	QP
10	3.960	14.40	-31.60	46.00	14.18	0.10	0.12	Average
11	26.280	30.85	-29.15	60.00	30.05	0.58	0.22	QP
12	26.280	21.11	-28.89	50.00	20.31	0.58	0.22	Average

5.8.17 Test Mode: Mode 15

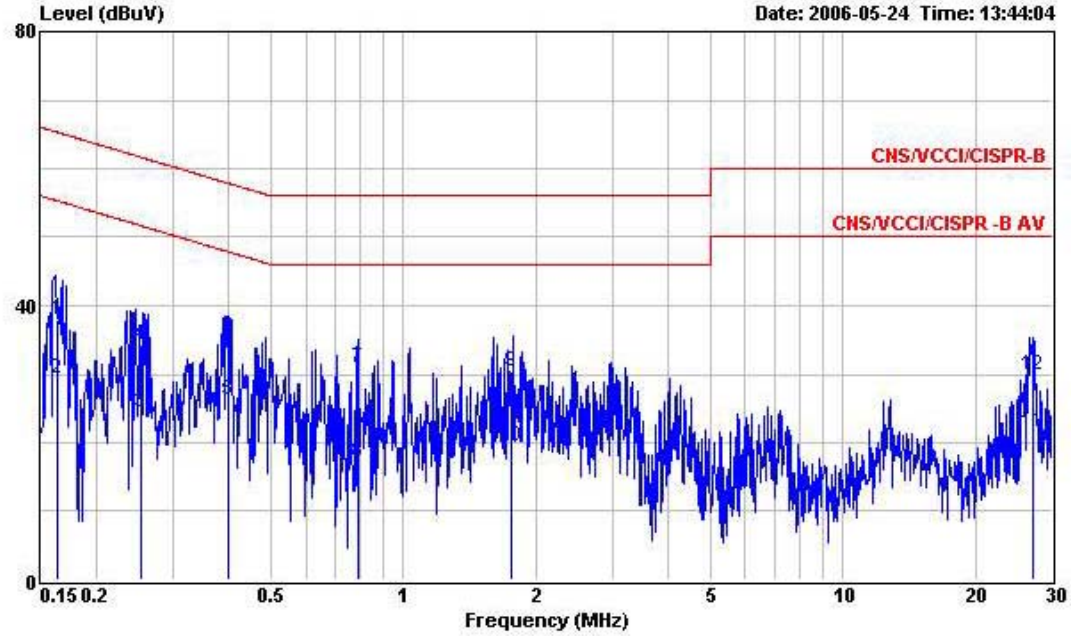
- Frequency Range of Test: from 0.15 MHz to 30 MHz
- Temperature: 26°C
- Relative Humidity: 53%
- Test Engineer: Andy
- All emissions not reported here are more than 10 dB below the prescribed limit.

■ The test that passed at the minimum margin was marked by a frame in the following data



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
EUT : PDA PHONE(S/N:KE2-3090)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+BT LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.170	36.95	-28.03	64.98	36.79	0.10	0.06	QP
2	0.170	25.32	-29.66	54.98	25.16	0.10	0.06	Average
3	0.249	34.78	-27.00	61.78	34.61	0.10	0.07	QP
4	0.249	19.80	-31.98	51.78	19.63	0.10	0.07	Average
5	0.396	30.08	-27.86	57.94	29.90	0.10	0.08	QP
6	0.396	18.12	-29.82	47.94	17.94	0.10	0.08	Average
7	0.813	9.83	-36.17	46.00	9.68	0.10	0.05	Average
8	0.813	26.48	-29.52	56.00	26.33	0.10	0.05	QP
9	1.740	18.68	-27.32	46.00	18.48	0.10	0.10	Average
10	1.740	30.61	-25.39	56.00	30.41	0.10	0.10	QP
11	2.850	21.89	-34.11	56.00	21.62	0.15	0.12	QP
12	2.850	11.23	-34.77	46.00	10.96	0.15	0.12	Average



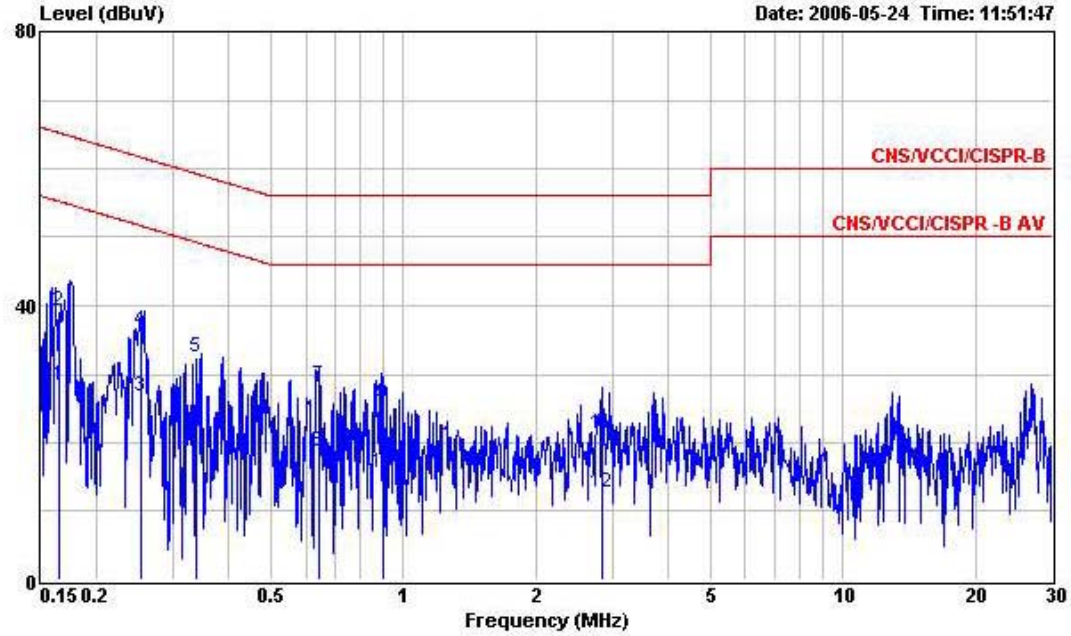
Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
EUT : PDA PHONE(S/N:KE2-3090)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+BT LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.164	37.93	-27.35	65.28	37.78	0.10	0.05	QP
2	0.164	29.42	-25.86	55.28	29.27	0.10	0.05	Average
3	0.254	24.36	-27.28	51.64	24.19	0.10	0.07	Average
4	0.254	34.35	-27.29	61.64	34.18	0.10	0.07	QP
5	0.400	26.30	-21.55	47.85	26.12	0.10	0.08	Average
6	0.400	35.65	-22.20	57.85	35.47	0.10	0.08	QP
7	0.788	31.02	-24.98	56.00	30.87	0.10	0.05	QP
8	0.788	17.15	-28.85	46.00	17.00	0.10	0.05	Average
9	1.764	30.50	-25.50	56.00	30.29	0.10	0.11	QP
10	1.764	19.45	-26.55	46.00	19.24	0.10	0.11	Average
11	26.980	21.63	-28.37	50.00	20.79	0.62	0.22	Average
12	26.980	29.87	-30.13	60.00	29.03	0.62	0.22	QP

5.8.18 Test Mode: Mode 16

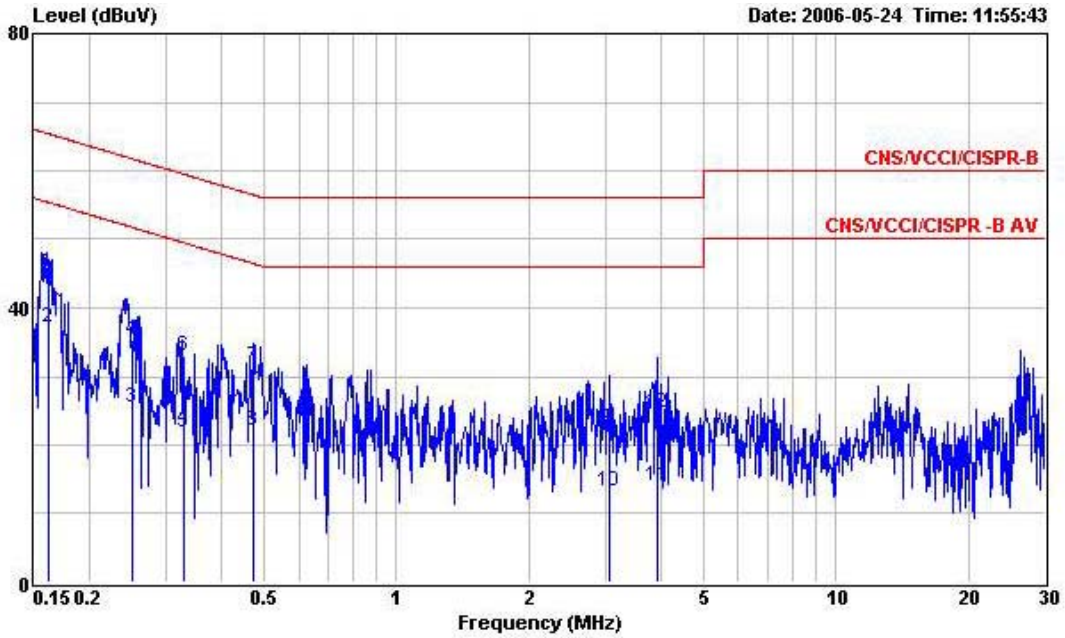
- Frequency Range of Test: from 0.15 MHz to 30 MHz
- Temperature: 26°C
- Relative Humidity: 53%
- Test Engineer: Andy
- All emissions not reported here are more than 10 dB below the prescribed limit.

■ The test that passed at the minimum margin was marked by a frame in the following data



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
EUT : PDA PHONE(S/N:KE2-3090)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+USB LINK
CHARGER : PIE(MODEL:P005WA050J01200)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.165	28.39	-26.81	55.20	28.24	0.10	0.05	Average
2	0.165	39.17	-26.03	65.20	39.02	0.10	0.05	QP
3	0.253	26.76	-24.91	51.67	26.59	0.10	0.07	Average
4	0.253	36.42	-25.25	61.67	36.25	0.10	0.07	QP
5	0.338	32.49	-26.76	59.25	32.31	0.10	0.08	QP
6	0.338	22.04	-27.21	49.25	21.86	0.10	0.08	Average
7	0.641	28.28	-27.72	56.00	28.12	0.10	0.06	QP
8	0.641	18.83	-27.17	46.00	18.67	0.10	0.06	Average
9	0.900	25.60	-30.40	56.00	25.46	0.10	0.04	QP
10	0.900	15.50	-30.50	46.00	15.36	0.10	0.04	Average
11	2.840	21.20	-34.80	56.00	20.93	0.15	0.12	QP
12	2.840	12.62	-33.38	46.00	12.35	0.15	0.12	Average



Site : CO01-HY
Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
EUT : PDA PHONE(S/N:KE2-3090)
Power : 120V/60Hz
Model : CHEETAH
Memo : PCS 1900 Idle+EARPHONE+ADAPTER
Memo : +H PATTERN+USB LINK
CHARGER : PIE(MODEL:P005WA050J01200)
BATTERY : MAIN SOURCE

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.162	45.18	-20.18	65.36	45.03	0.10	0.05	QP
2	0.162	37.26	-18.10	55.36	37.11	0.10	0.05	Average
3	0.252	25.47	-26.24	51.71	25.30	0.10	0.07	Average
4	0.252	35.35	-26.36	61.71	35.18	0.10	0.07	QP
5	0.327	21.70	-27.83	49.53	21.53	0.10	0.07	Average
6	0.327	32.99	-26.54	59.53	32.82	0.10	0.07	QP
7	0.471	31.51	-24.99	56.50	31.34	0.10	0.07	QP
8	0.471	22.07	-24.43	46.50	21.90	0.10	0.07	Average
9	3.060	22.38	-33.62	56.00	22.16	0.10	0.12	QP
10	3.060	13.16	-32.84	46.00	12.94	0.10	0.12	Average
11	3.940	14.09	-31.91	46.00	13.87	0.10	0.12	Average
12	3.940	24.73	-31.27	56.00	24.51	0.10	0.12	QP

5.9 Radiated Emission Measurement

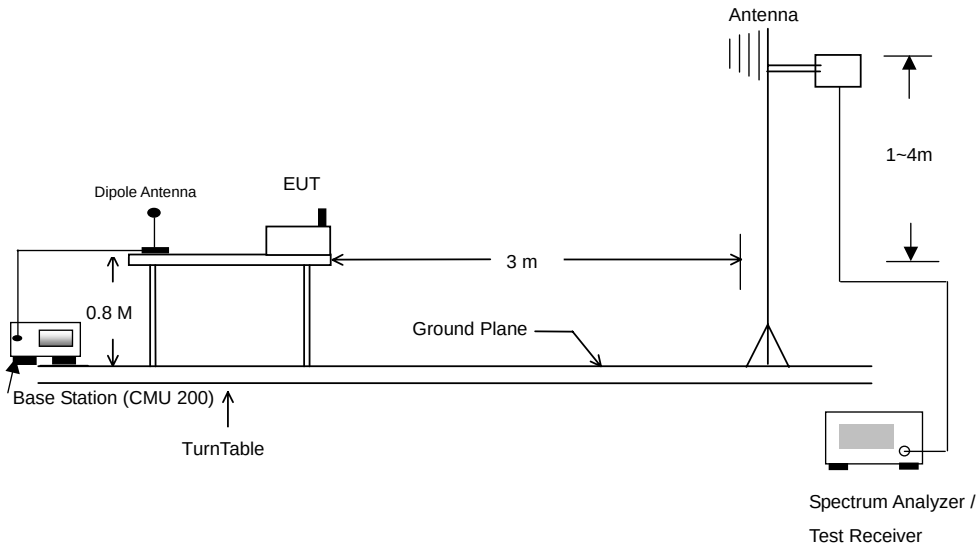
5.9.1 Measuring Instruments

As described in chapter 6 of this Report.

5.9.2 Test Procedures

1. The EUT was placed on a rotatable table top 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. 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.
5. 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.
6. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
7. 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.
8. 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.

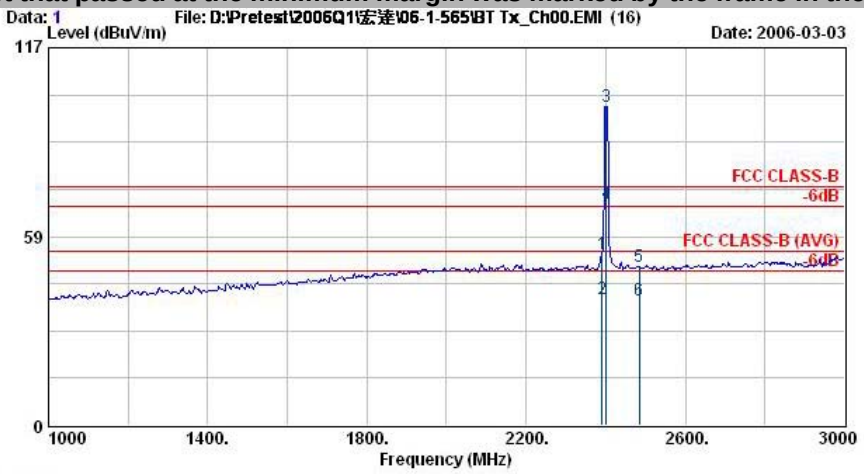
5.9.3 Typical Test Setup Layout of Radiated Emission



5.9.4 Test Data

- Temperature : 26 °C
- Relating Humidity : 53 %
- Test Enginner : Anderson
- Test Mode : Mode 1
- Polarization : Horizontal

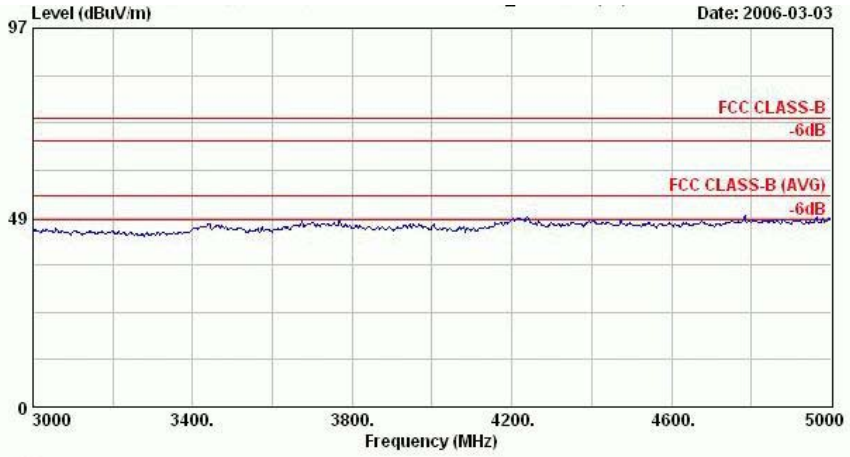
■ The test that passed at the minimum margin was marked by the frame in the following test record



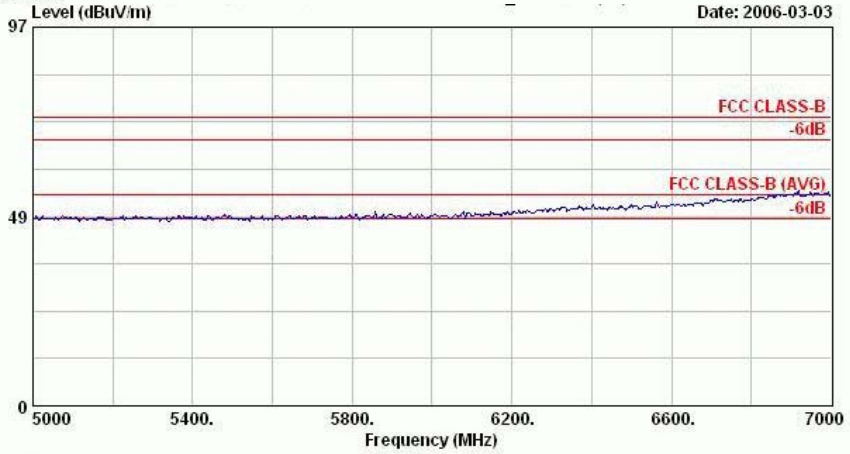
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	@	2390.00	53.07	-20.93	74.00	53.78	30.48	35.46	4.26	100	0	Peak
2	@	2390.00	39.10	-14.90	54.00	39.81	30.48	35.46	4.26	100	15	Average
3	@	2402.00	98.94			99.65	30.48	35.46	4.26	100	0	Peak
4	@	2402.00	68.89			69.60	30.48	35.46	4.26	100	15	Average
5	@	2483.50	49.05	-24.95	74.00	49.79	30.41	35.51	4.36	100	0	Peak
6	@	2483.50	38.92	-15.08	54.00	39.66	30.41	35.51	4.36	100	15	Average

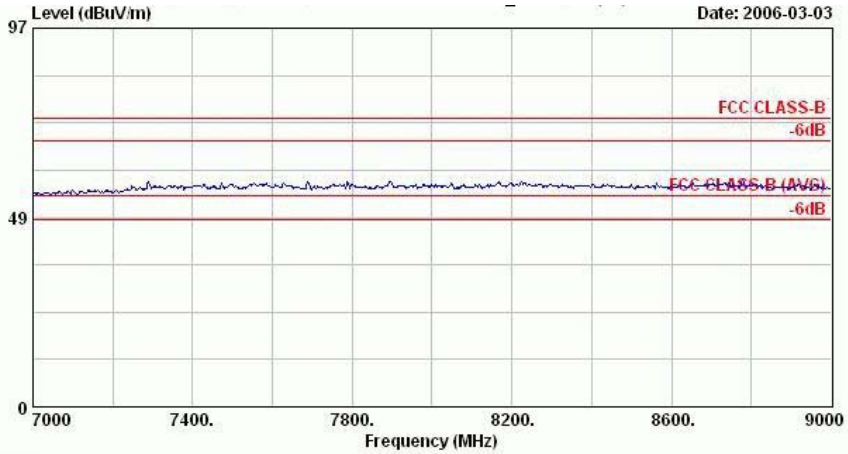
Remark: #3 and #4 Fundamental Signal



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070



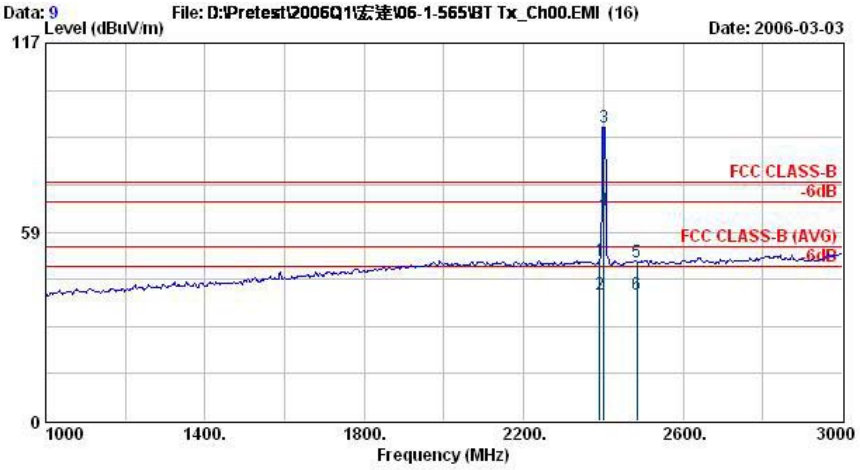
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070

- Test Mode : Mode 1
- Polarization : Vertical

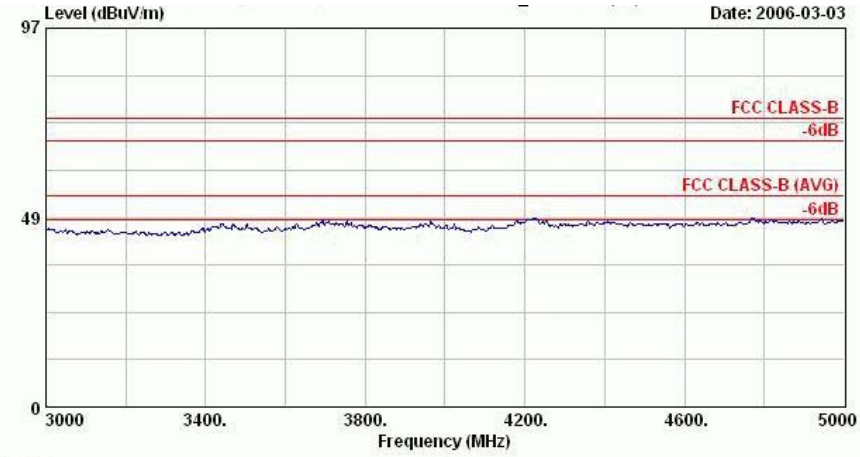
■ The test that passed at minimum margin was marked by the frame in the following table.



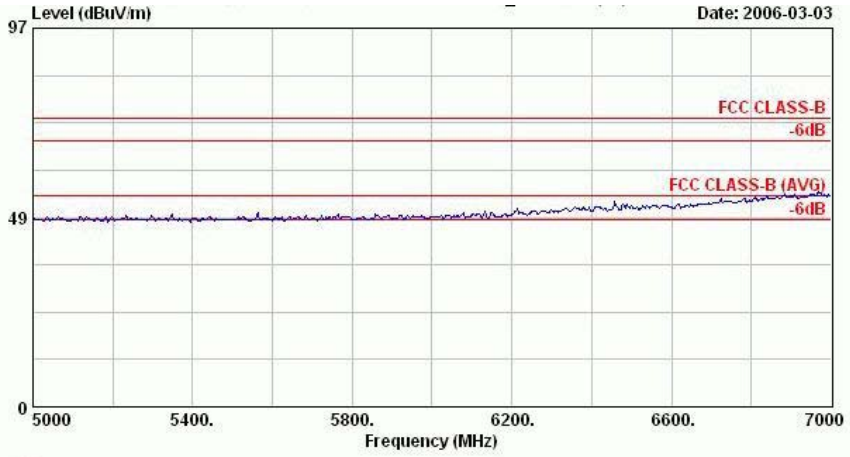
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	49.73	-24.27	74.00	50.44	30.48	35.46	4.26	200	0	Peak
2 @	2390.00	39.04	-14.96	54.00	39.75	30.48	35.46	4.26	100	266	Average
3 @	2402.00	91.09			91.80	30.48	35.46	4.26	200	0	Peak
4 @	2402.00	65.26			65.97	30.48	35.46	4.26	100	266	Average
5 @	2483.50	49.32	-24.68	74.00	50.06	30.41	35.51	4.36	200	0	Peak
6 @	2483.50	38.93	-15.07	54.00	39.67	30.41	35.51	4.36	100	266	Average

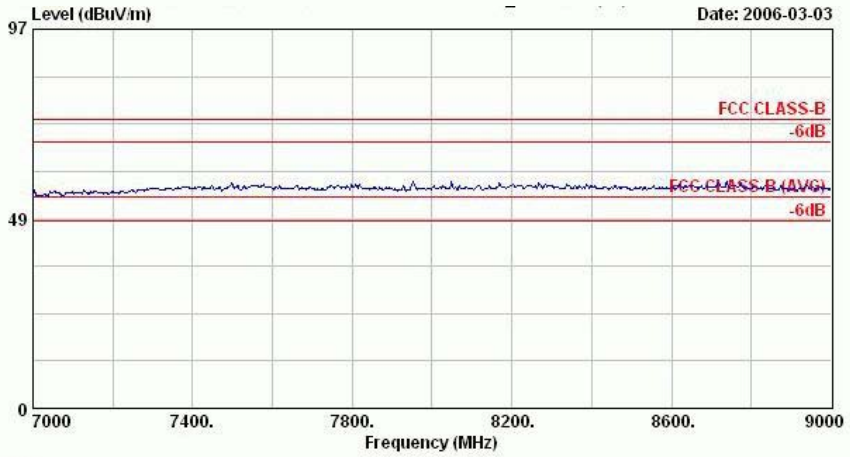
Remark: #3 and #4 Fundamental Signal



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070



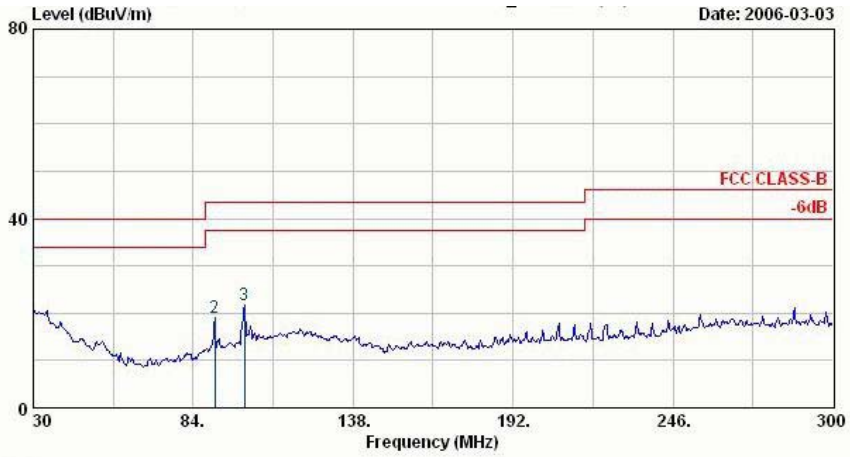
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH00,2402MHz
Plane : E2
S/N : TY606F600070

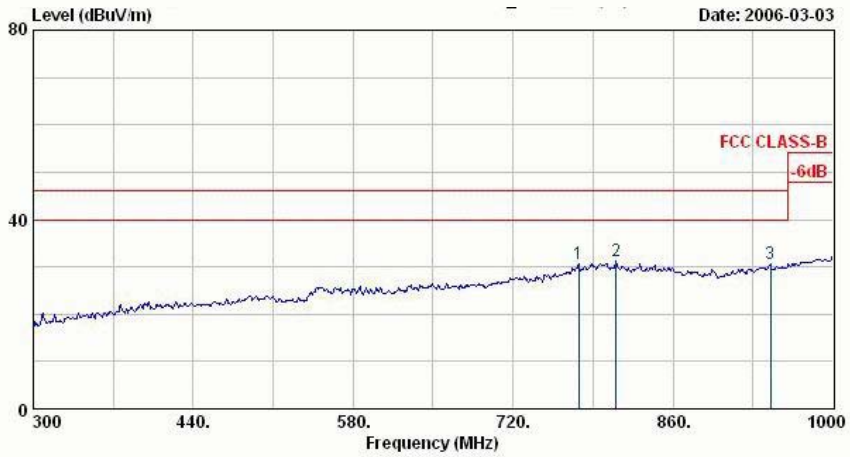
- Test Mode : Mode 2
- Polarization : Horizontal

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



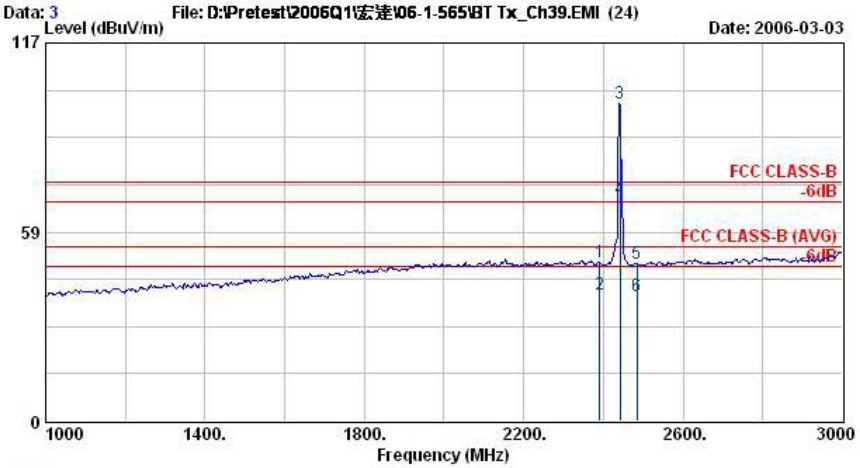
Site : 03CH06-HY
Condition : BI-LOG-2004-1122 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	30.00	20.72	-19.28	40.00	32.13	18.73	31.49	1.35	400	0	Peak
2 @	91.29	18.94	-24.56	43.50	38.95	9.18	31.52	2.33	400	0	Peak
3 @	101.28	21.78	-21.72	43.50	40.03	10.57	31.29	2.46	400	0	Peak



Site : 03CH06-HY
Condition : BI-LOG-2004-1122 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

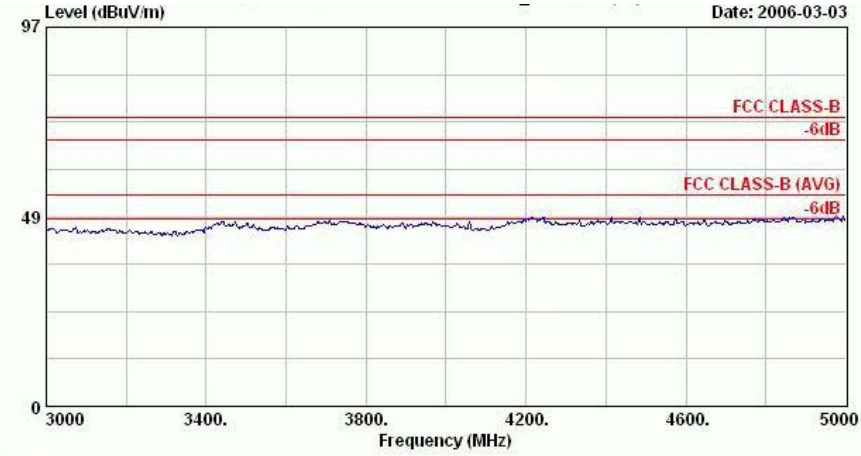
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	777.40	30.52	-15.48	46.00	32.02	21.26	30.16	7.40	100	0	Peak
2 @	810.30	31.18	-14.82	46.00	32.57	21.71	30.60	7.50	145	271	Peak
3 @	945.40	30.64	-15.36	46.00	31.38	21.32	30.32	8.27	100	0	Peak



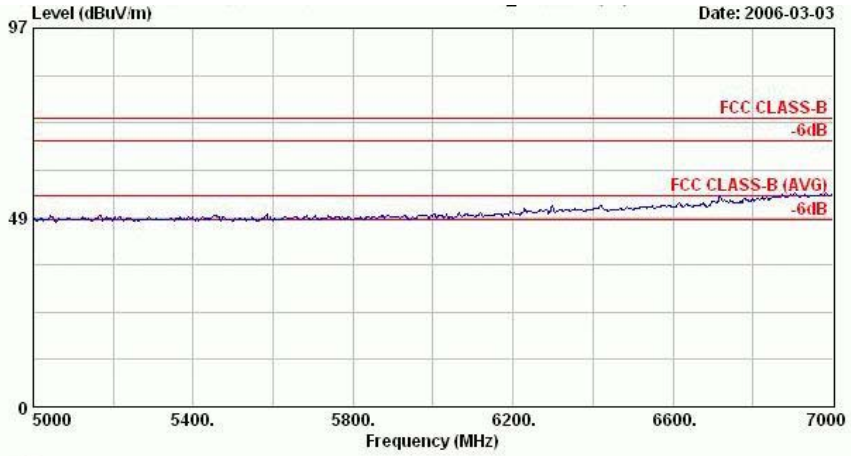
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	49.08	-24.92	74.00	49.79	30.48	35.46	4.26	200	0	Peak
2 @	2390.00	39.03	-14.97	54.00	39.74	30.48	35.46	4.26	100	21	Average
3 @	2441.00	98.12			98.85	30.44	35.47	4.29	200	0	Peak
4 @	2441.00	68.50			69.23	30.44	35.49	4.33	100	21	Average
5 @	2483.50	48.77	-25.23	74.00	49.51	30.41	35.51	4.36	200	0	Peak
6 @	2483.50	38.92	-15.08	54.00	39.66	30.41	35.51	4.36	100	21	Average

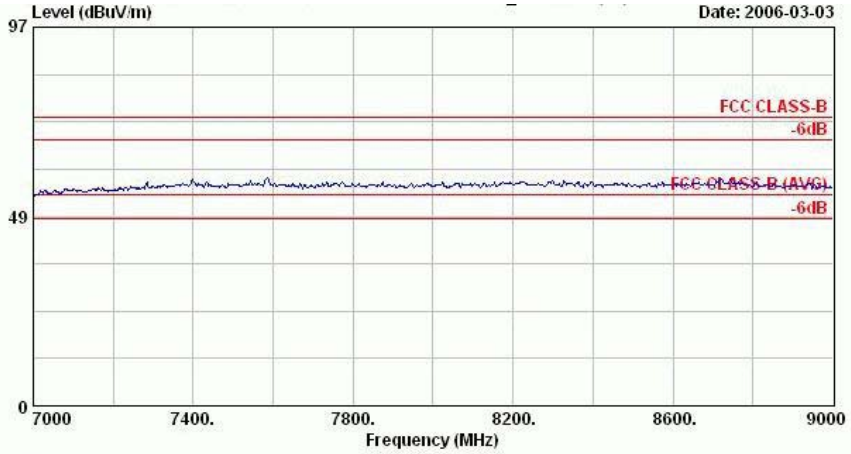
Remark: #3 and #4 Fundamental Signal



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070



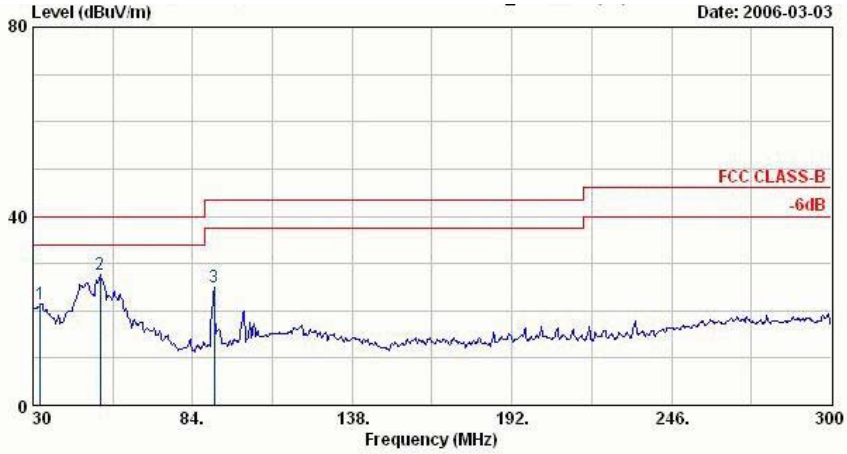
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

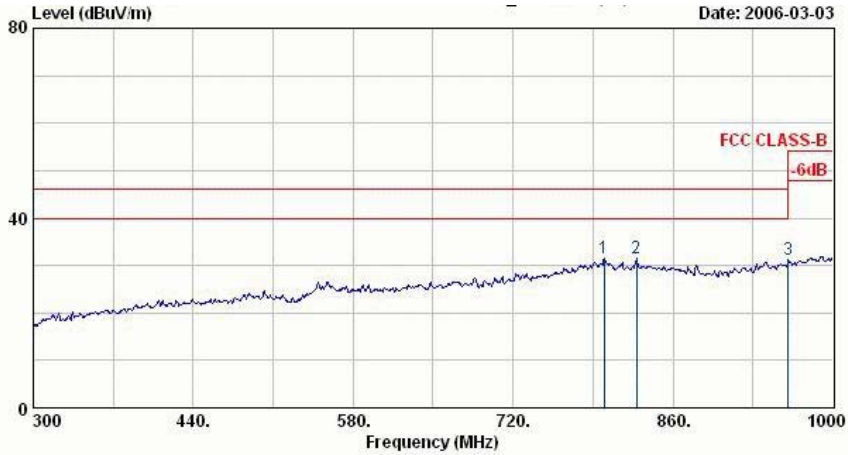
- Test Mode : Mode 2
- Polarization : Vertical

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



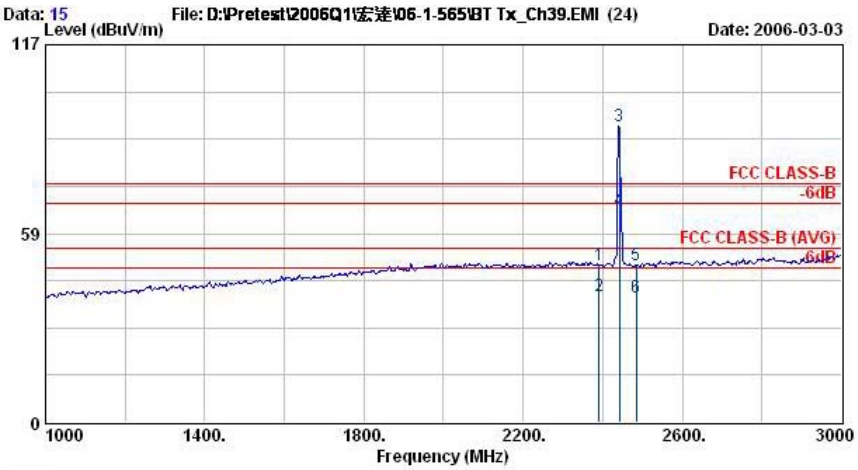
Site : 03CH06-HY
Condition : BI-LOG-2004-1122 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	32.43	21.48	-18.52	40.00	33.91	17.73	31.58	1.41	400	0	Peak
2 @	52.68	27.52	-12.48	40.00	47.99	9.24	31.45	1.74	124	237	Peak
3 @	91.29	24.99	-18.51	43.50	45.00	9.18	31.52	2.33	400	0	Peak



Site : 03CH06-HY
Condition : BI-LOG-2004-1122 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

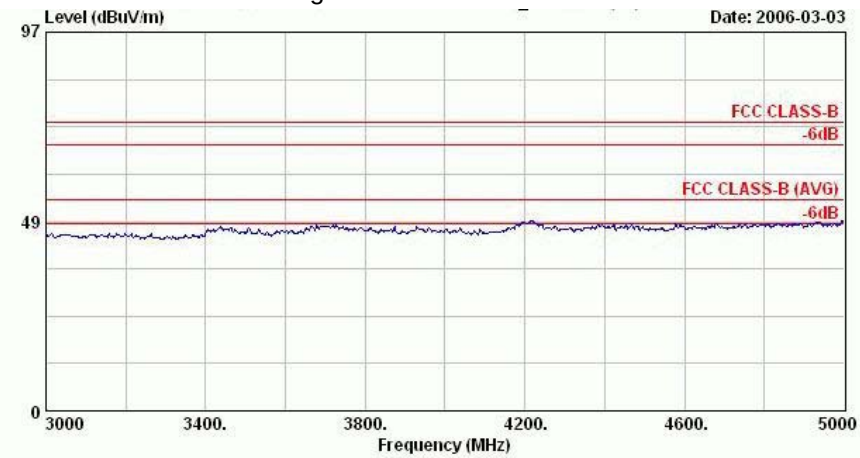
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	799.80	31.57	-14.43	46.00	32.34	21.90	30.12	7.45	100	0	Peak
2 @	827.80	31.57	-14.43	46.00	33.04	21.37	30.44	7.60	100	0	Peak
3 @	960.80	31.11	-22.89	54.00	31.39	21.79	30.37	8.31	100	0	Peak



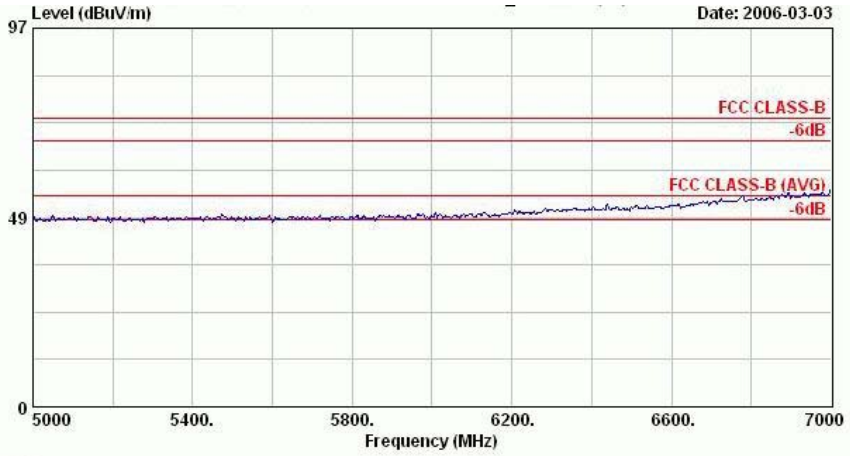
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	48.89	-25.11	74.00	49.60	30.48	35.46	4.26	100	0	Peak
2 @	2390.00	39.02	-14.98	54.00	39.73	30.48	35.46	4.26	100	279	Average
3 @	2441.00	91.89			92.63	30.44	35.47	4.29	100	0	Peak
4 @	2441.00	65.66			66.39	30.44	35.49	4.33	100	279	Average
5 @	2483.50	48.75	-25.25	74.00	49.49	30.41	35.51	4.36	100	0	Peak
6 @	2483.50	38.92	-15.08	54.00	39.66	30.41	35.51	4.36	100	279	Average

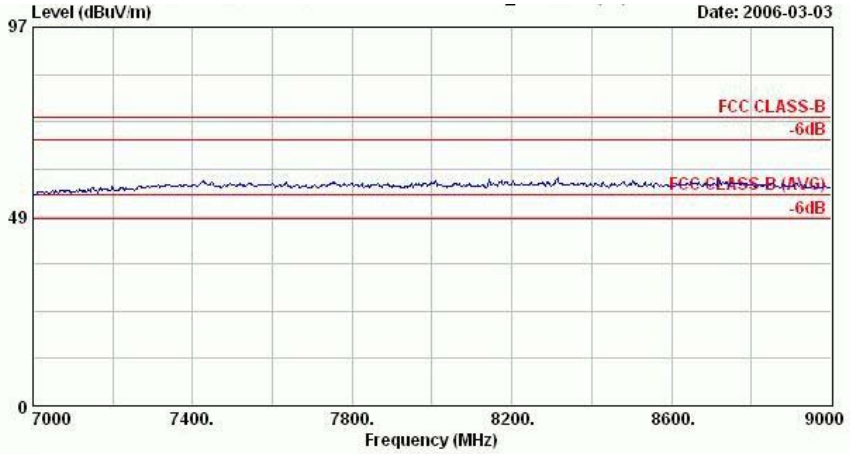
Remark: #3 and #4 Fundamental Signal



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070



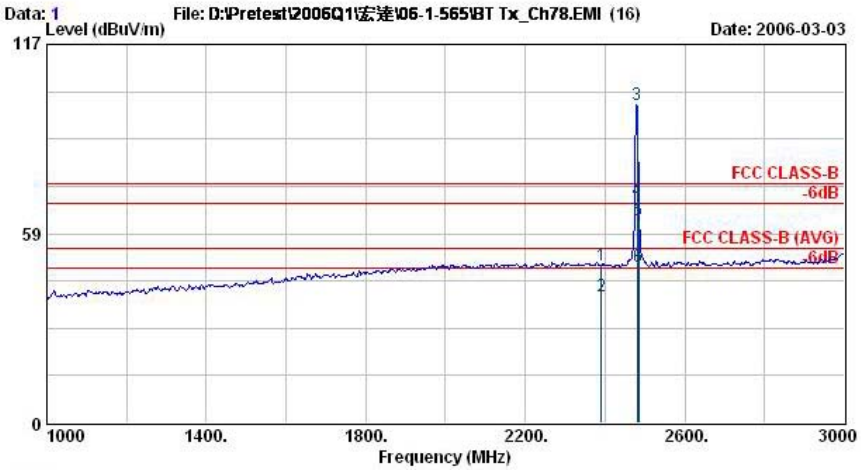
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH39,2441MHz
Plane : E2
S/N : TY606F600070

- Test Mode : Mode 3
- Polarization : Horizontal

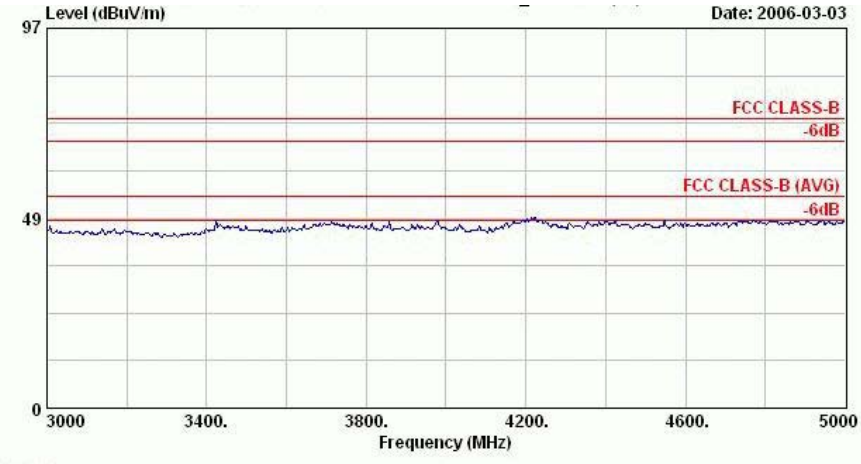
■ The test that passed at minimum margin was marked by the frame in the following table.



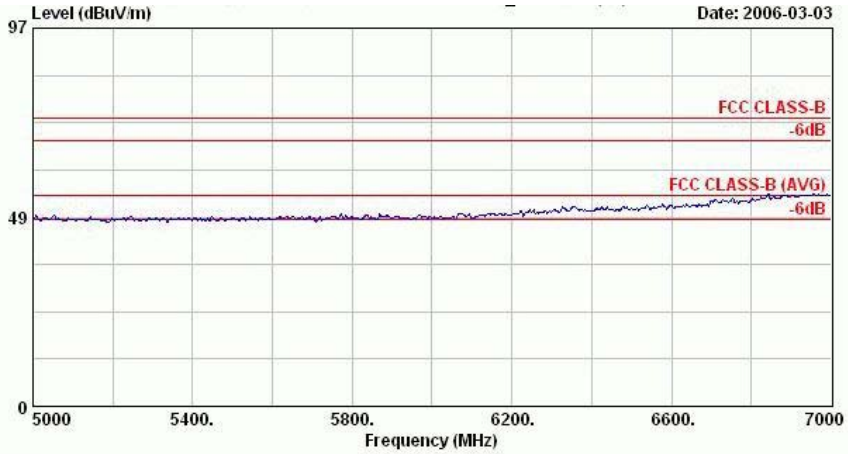
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz,Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	48.73	-25.27	74.00	49.44	30.48	35.46	4.26	200	0	Peak
2 @	2390.00	39.03	-14.97	54.00	39.74	30.48	35.46	4.26	106	270	Average
3 @	2480.00	98.40			99.14	30.41	35.51	4.36	200	0	Peak
4 @	2480.00	68.64			69.38	30.41	35.51	4.36	106	270	Average
5 @	2483.50	62.78	-11.22	74.00	63.52	30.41	35.51	4.36	200	0	Peak
6 @	2483.50	48.28	-5.72	54.00	49.02	30.41	35.51	4.36	106	270	Average

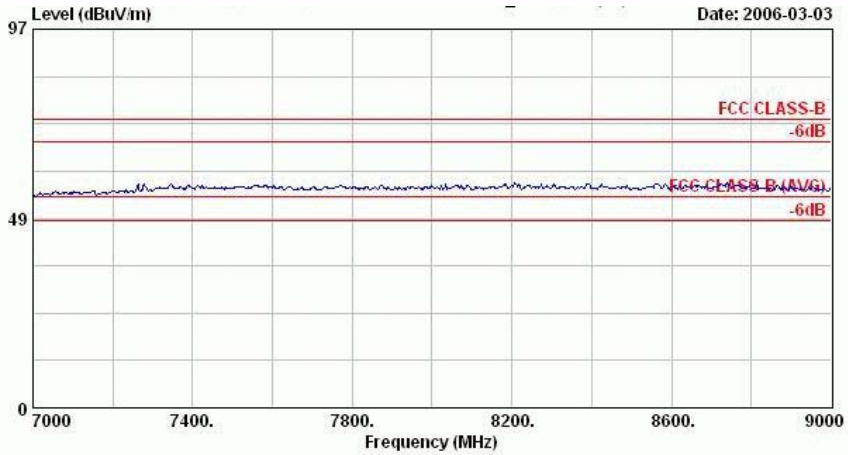
Remark: #2 and #3 and #4 Fundamental Signal.



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz,Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070



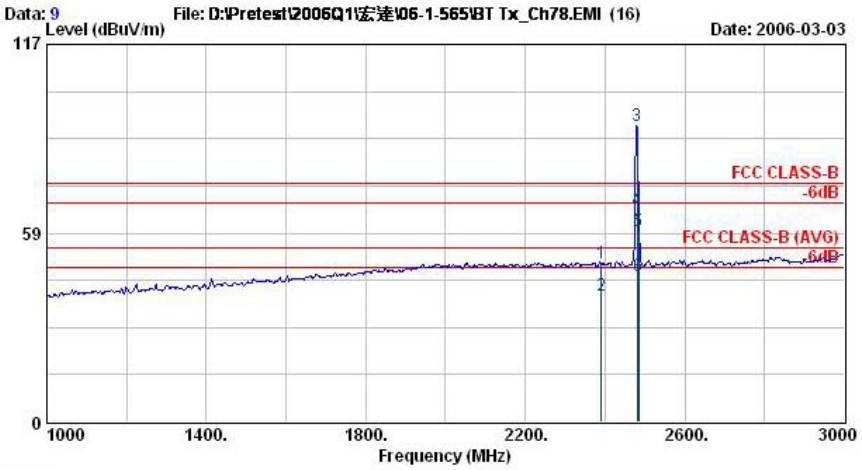
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 HORIZONTAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070

- Test Mode : Mode 3
- Polarization : Vertical

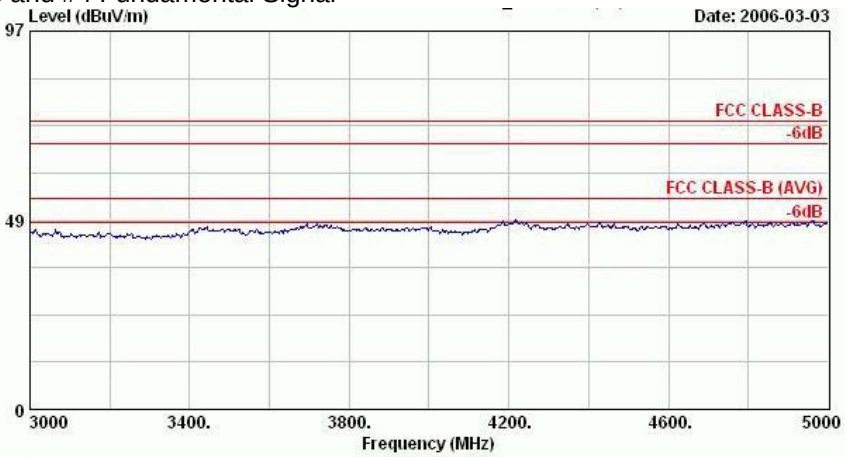
■ The test that passed at minimum margin was marked by the frame in the following table.



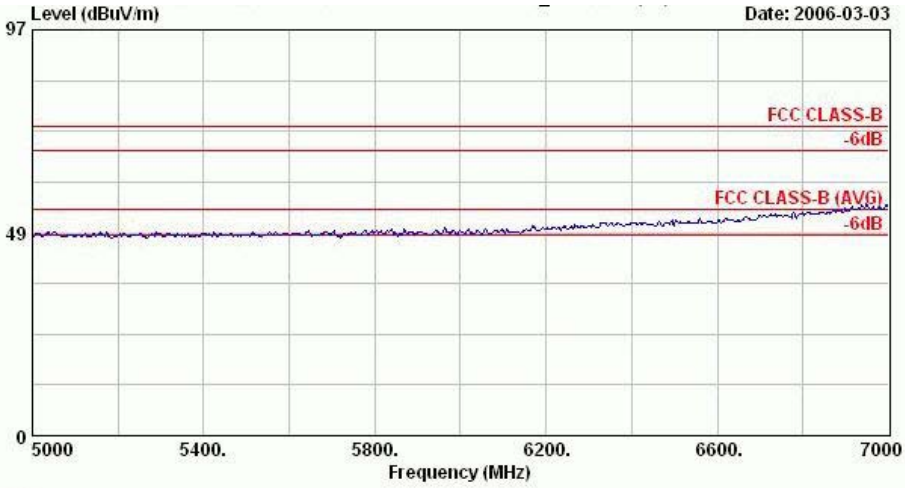
Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz,Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	49.24	-24.76	74.00	49.95	30.48	35.46	4.26	100	0	Peak
2 @	2390.00	39.00	-15.00	54.00	39.71	30.48	35.46	4.26	103	279	Average
3 @	2480.00	91.93			92.67	30.41	35.51	4.36	100	0	Peak
4 @	2480.00	65.65	-----	-----	66.39	30.41	35.51	4.36	103	279	Average
5 @	2483.50	59.22	-14.78	74.00	59.96	30.41	35.51	4.36	100	0	Peak
6 @	2483.50	45.07	-8.93	54.00	45.81	30.41	35.51	4.36	103	279	Average

Remark: #3 and #4 Fundamental Signal



Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz,Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070



Site : 03CH06-HY
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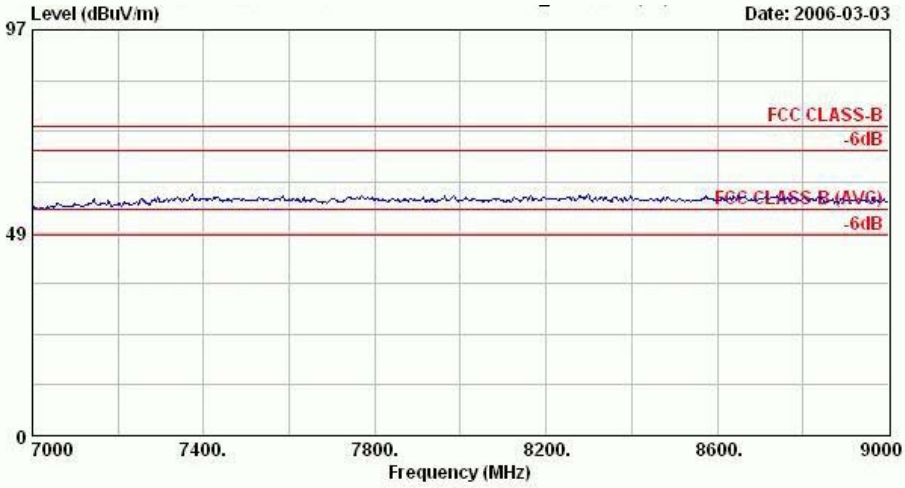

Site : 03CH06-HY
Condition : HF-ANT-071025-940201 VERTICAL
EUT : PDA Phone
Power : 120Vac/60Hz;Netbit
Model : Knight Rider
Memo : BT TX_CH78,2480MHz
Plane : E2
S/N : TY606F600070

Remark: There is no more obvious emission except the listings above.

5.10 Antenna Requirements

5.10.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no other antenna except assembled by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi.

5.10.2 Antenna Connected Construction

The antenna used in this product is a Fixed Internal antenna without connecter and it is considered to meet antenna requirement of FCC.

5.10.3 Antenna Gain

The antenna gain of EUT is less than 6dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

6. List of Measuring Equipments Used

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Oct. 19, 2005	Oct. 19, 2006	Conduction (CO01-HY)
LISN	MessTec	NNB-2/16Z	2001/009	9kHz – 30MHz	Apr. 26, 2005	Apr. 26, 2006	Conduction (CO01-HY)
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/004	9kHz – 30MHz	Apr. 20, 2005	Apr. 20, 2006	Conduction (CO01-HY)
EMI Filter	LINDGREN	LRE-2060	1004	< 450Hz	N/A	N/A	Conduction (CO01-HY)
EMI Filter	LINDGREN	N6006	201052	0 – 60Hz	N/A	N/A	Conduction (CO01-HY)
RF Cable-CON	Suhner Switzerland	RG223/U	CB029	9kHz – 30MHz	Dec. 22, 2005	Dec. 22, 2006	Conduction (CO01-HY)
Spectrum analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Jul. 25, 2005	Jul. 24, 2006	Radiation (03CH06-HY)
Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jun. 28, 2005	Jun. 27, 2006	Radiation (03CH06-HY)
Controller	CT	SC100	N/A	N/A	N/A	N/A	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Nov. 22, 2004	Nov. 22, 2006	Radiation (03CH06-HY)
Horn Antenna	Com-Power	AH118	071025	1G-18G	Feb. 22, 2006	Feb. 22, 2007	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-249	14G - 40G	Jul. 21, 2005	Jul. 20, 2006	Radiation (03CH06-HY)
HF Amplifier	MITEQ	AFS44	973248	0.1G - 26.5G	Nov. 23, 2005	Nov. 22, 2006	Radiation (03CH06-HY)
Amplifier	MITEQ	AMF-6F	997165	26G - 40G	Jul. 21, 2005	Jul. 20, 2006	Radiation (03CH06-HY)
Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	N/A	Radiation (03CH06-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	N/A	Radiation (03CH06-HY)

7. Uncertainty Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.10	Normal(k=2)	0.05
Cable loss	0.10	Normal(k=2)	0.05
AMN insertion loss	2.50	Rectangular	0.63
Receiver Spec	1.50	Rectangular	0.43
Site imperfection	1.39	Rectangular	0.80
Mismatch	+0.34/-0.35	U-shape	0.24
combined standard uncertainty Uc(y)	**1.13**		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	**2.26**		

Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.41	Normal(k=2)	0.21
Antenna factor calibration	0.83	Normal(k=2)	0.42
Cable loss calibration	0.25	Normal(k=2)	0.13
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14
RCV/SPA specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site imperfection	1.43	Rectangular	0.83
Mismatch	+0.39/-0.41	U-shaped	0.28
combined standard uncertainty Uc(y)	**1.27**		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	**2.54**		

Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

Contribution	Uncertainty of x_i		$u(x_i)$	Ci	$Ci*u(x_i)$
	dB	Probability Distribution			
Receiver reading	±0.10	Normal(k=1)	0.10	1	0.10
Antenna factor calibration	±1.70	Normal(k=2)	0.85	1	0.85
Cable loss calibration	±0.50	Normal(k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR Γ1= 0.197 Antenna VSWR Γ2= 0.194 Uncertainty=20log(1-Γ1*Γ2*Γ3)	+0.34/-0.35	U-shaped	0.244	1	0.244
Combined standard uncertainty Uc(y)	**2.36**				
Measuring uncertainty for a level of confidence of 95% U=2Ue(y)	**4.72**				