

**EXHIBIT A – Test Results (Cont.)**

**Power Spectral Density**

§15.247(d)

The peak power density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating in transmission mode at the appropriate frequencies.

Minimum Standard – The transmitter power density average over 1-second interval shall not be greater than 8dBm in any 3kHz BW.

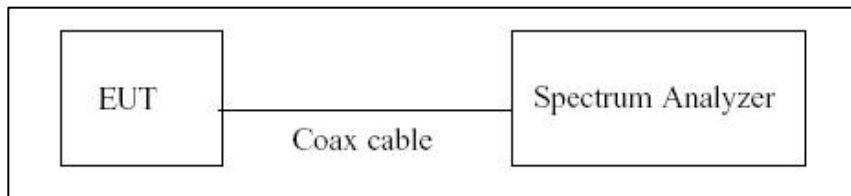
The spectrum analyzer is set to:

- RBW = 3 kHz (7dB/div)
- VBW = 3 kHz
- Span = 40 MHz
- Ref. Level = 8 dBm
- Sweep = 1000 sec



Frequency (MHz)	Channel No.	Test Results		
		Power Density (dBm)	Limit	Margin (dB)
2412	1	-5.42	+ 8 dBm	13.42
2437	6	-5.20	+ 8 dBm	13.20
2462	11	-5.93	+ 8 dBm	13.93

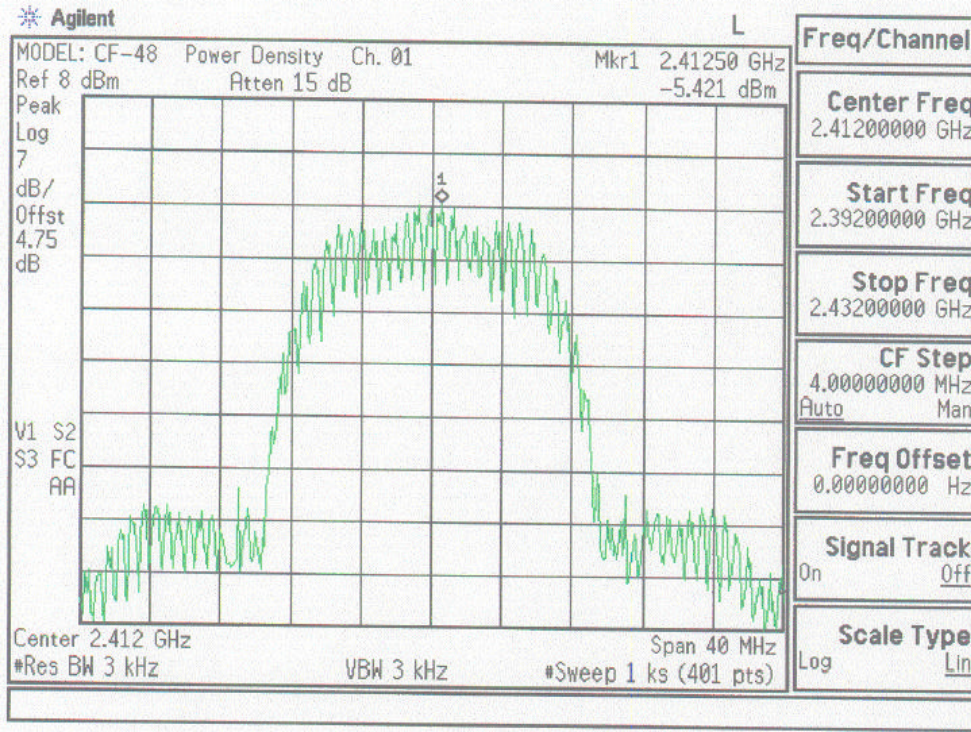
See next pages for actual measured spectrum plots  
Peak Power Density + Attenuation = dBm

**Table A-4. Conducted Power Density Measurements**

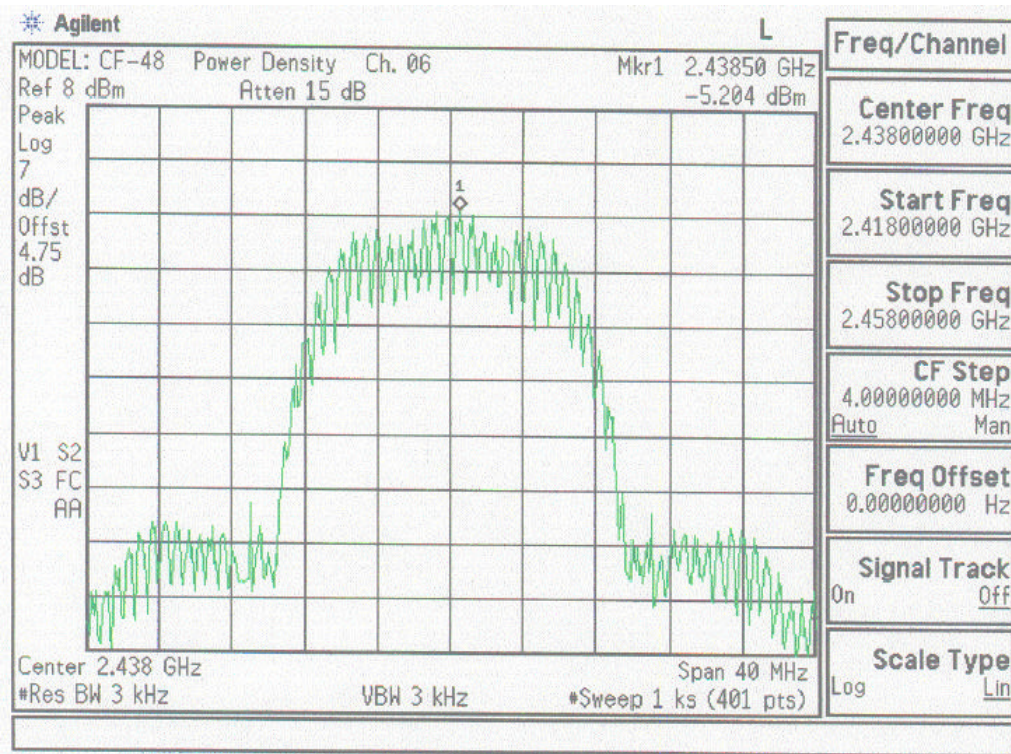


**Figure A-3. Test Instrument & Measurement Setup**

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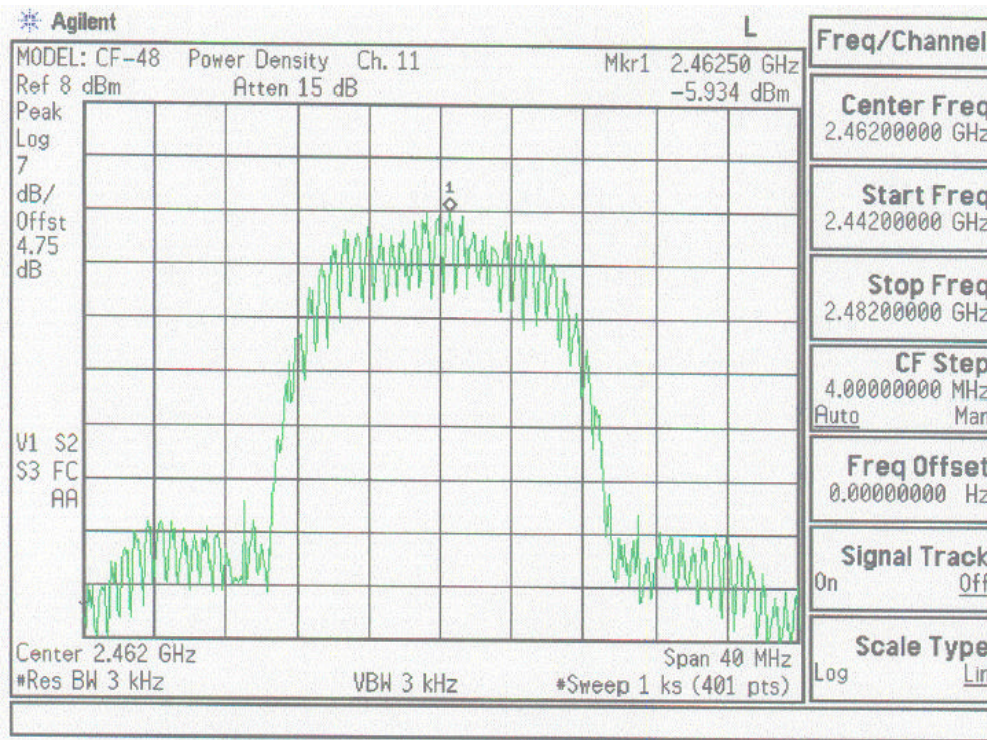


Plot A-7. Max. Power Density Plot – Ch.1





Plot A-8. Max. Power Density Plot – Ch.6

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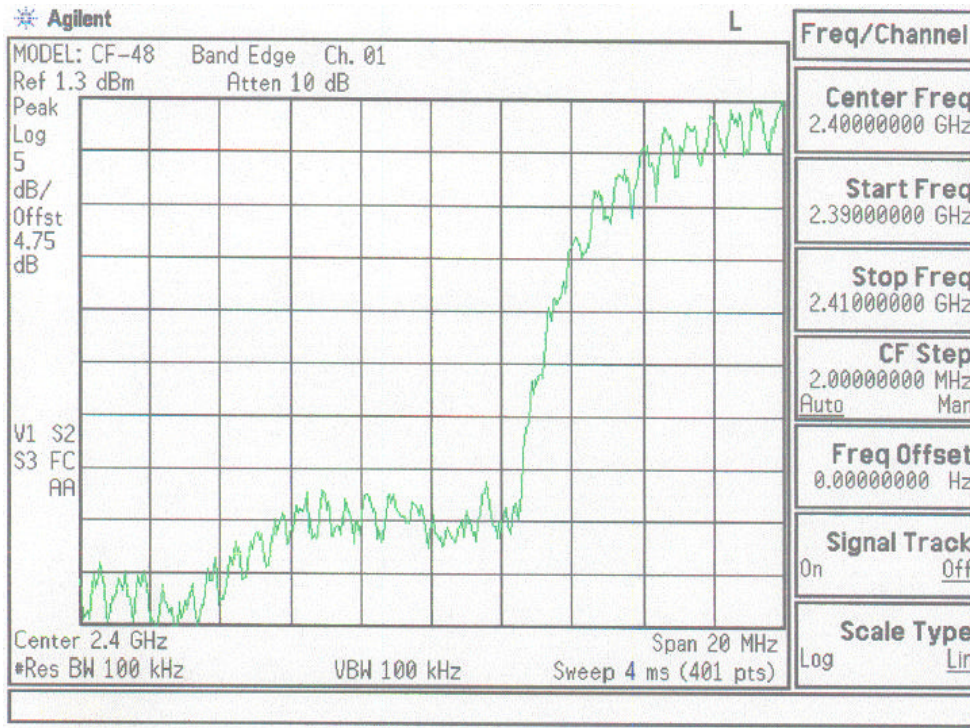


Plot A-9. Max. Power Density Plot – Ch.11

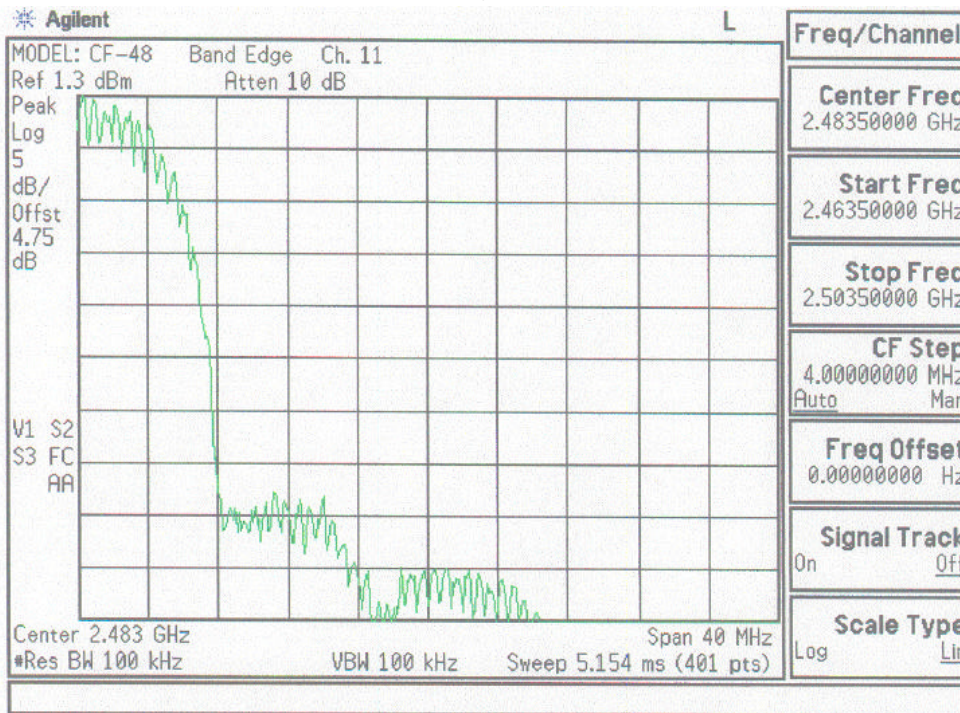
PCTEST LAB TEST REPORT Part 15.247	 PCTEST ENGINEERING LAB., INC.	FCC MEASUREMENT REPORT		Reviewed by: Quality Manager
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**EXHIBIT A – Test Results (Cont.)**

**Occupied BandEdge /BandEdge at 20dB below, & Out of Band Emissions**



Plot A-10. BandEdge Plot – Ch.1



Plot A-12. BandEdge Plot – Ch.11

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**EXHIBIT A – Test Results (Cont.)**

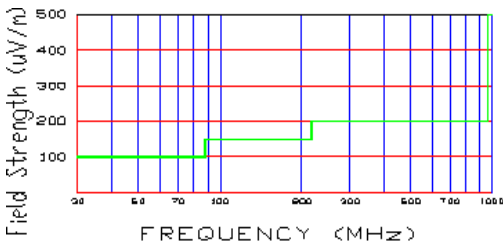
**Radiated Measurements**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 1 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 01

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4824	-99.8	40.4	V	47.6	239.61	6.4
7236	-113.2	47.4	V	41.2	115.08	12.8
9648	-128.9	50.3	V	28.4	26.30	25.6
12060	-135.0	53.7	V	25.7	19.28	28.3



**Table A-6. Radiated Measurements @ 3 meters**



**Figure A-5. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

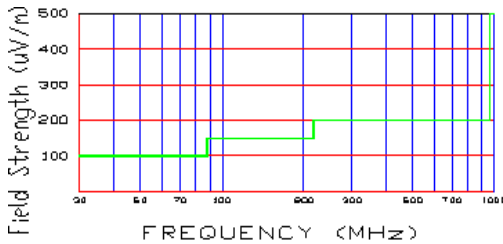
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 1 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 06

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4874	-99.9	40.5	V	47.6	239.88	6.4
7311	-113.4	48.0	V	41.6	120.23	12.4
9748	-128.9	50.3	V	28.4	26.30	25.6
12185	-135.0	53.7	V	25.7	19.28	28.3



**Table A-7. Radiated Measurements @ 3 meters**



**Figure A-6. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500  $\mu$ V/m (54dB $\mu$ /m) at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

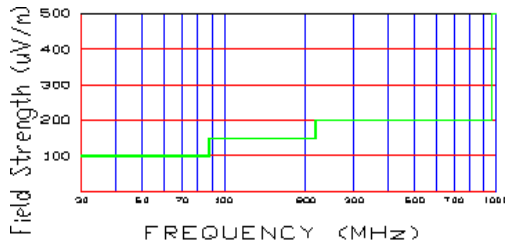
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 1 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 11

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4924	-100.3	40.7	V	47.4	234.42	6.6
7386	-113.9	48.2	V	41.3	116.15	12.7
9848	-128.5	50.4	V	28.9	27.86	25.1
12310	-135.0	53.8	V	25.8	19.50	28.2



**Table A-8. Radiated Measurements @ 3 meters**



**Figure A-7. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500  $\mu$ V/m (54dB $\mu$ /m) at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

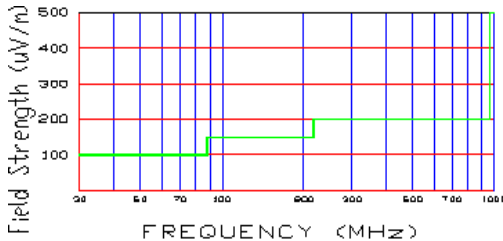
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 2 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 01

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4824	-100.4	40.4	V	47.0	223.62	7.0
7236	-113.5	47.4	V	40.9	111.17	13.1
9648	-129.6	50.3	V	27.7	24.27	26.3
12060	-135.0	53.7	V	25.7	19.27	28.3



**Table A-9. Radiated Measurements @ 3 meters**



**Figure A-8. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500  $\mu$ V/m (54dB $\mu$ /m) at 3 meters radiated.

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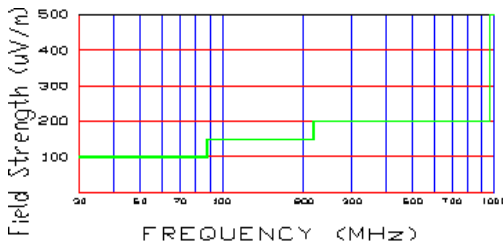
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 2 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 06

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4874	-100.8	40.5	V	46.7	216.27	7.3
7311	-113.9	48.0	V	41.1	113.50	12.9
9748	-129.5	50.3	V	27.8	24.55	26.2
12185	-135.0	53.7	V	25.7	19.27	28.3



**Table A-10. Radiated Measurements @ 3 meters**



**Figure A-9. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters radiated.

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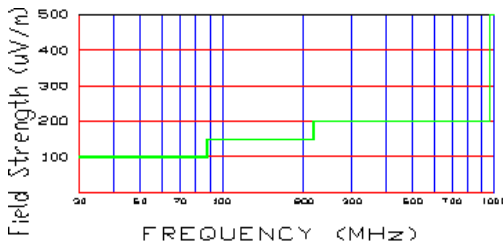
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 2 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 11

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4924	-101.7	40.7	V	46.0	199.53	8.0
7386	-114.3	48.2	V	40.9	110.92	13.1
9848	-129.3	50.4	V	28.1	25.41	25.9
12310	-135.0	53.8	V	25.8	19.50	28.2



**Table A-11. Radiated Measurements @ 3 meters**



**Figure A-10. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters.

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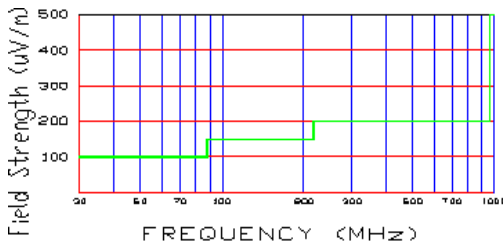
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 5.5 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 01

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4824	-101.0	40.4	V	46.4	208.69	7.6
7236	-114.2	47.4	V	40.2	102.57	13.8
9648	-130.0	50.3	V	27.3	23.17	26.7
12060	-135.0	53.7	V	25.7	19.27	28.3



**Table A-12. Radiated Measurements @ 3 meters**



**Figure A-11. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 μV/m (54dBμ/m) at 3 meters radiated.

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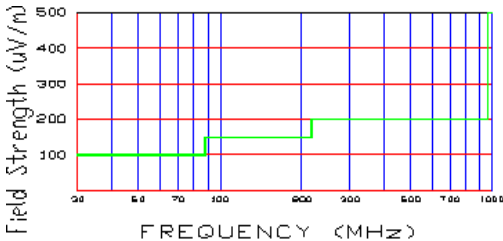
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 5.5 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 06

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4874	-102.1	40.5	V	45.4	186.21	8.6
7311	-114.3	48.0	V	40.7	108.39	13.3
9748	-129.9	50.3	V	27.4	23.44	26.6
12185	-135.0	53.7	V	25.7	19.28	28.3



**Table A-13. Radiated Measurements @ 3 meters**



**Figure A-12. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters radiated.

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**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

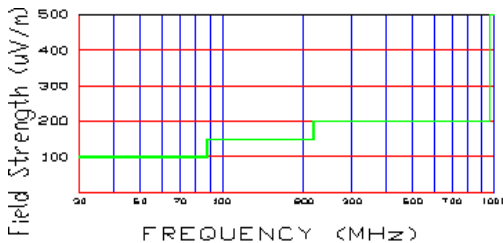
Transfer Rate: 5.5 Mbps

Distance of Measurements: 3 Meters

Channel: 11

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4924	-101.8	40.7	V	45.9	197.24	8.1
7386	-114.4	48.2	V	40.8	109.65	13.2
9848	-129.5	50.4	V	27.9	24.83	26.1
12310	-135.0	53.8	V	25.8	19.50	28.2



**Table A-14. Radiated Measurements @ 3 meters**



**Figure A-13. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters radiated.

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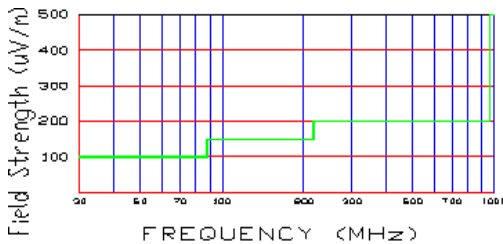
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 11 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 01

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4824	-101.2	40.4	V	46.2	203.94	7.8
7236	-114.2	47.4	V	40.2	102.57	13.8
9648	-130.2	50.3	V	27.1	22.65	26.9
12060	-135.0	53.7	V	25.7	19.27	28.3



**Table A-15. Radiated Measurements @ 3 meters**



**Figure A-14. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

**Radiated Measurements (Cont.)**

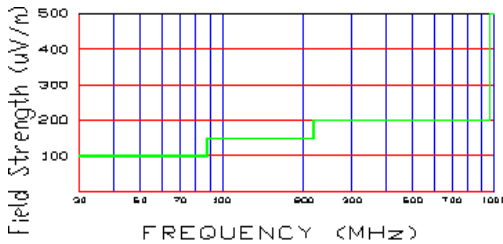
§15.247(b) / §15.205 & §15.209

Transfer Rate: 11 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 06

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4874	-102.1	40.5	V	45.4	186.21	8.6
7311	-114.8	48.0	V	40.2	102.33	13.8
9748	-129.7	50.3	V	27.6	23.99	26.4
12185	-135.0	53.7	V	25.7	19.27	28.3



**Table A-16. Radiated Measurements @ 3 meters**

**NOTES:**



**Figure A-15. Radiated limits at 3 meters.**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500  $\mu$ V/m (54dB $\mu$ /m) at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

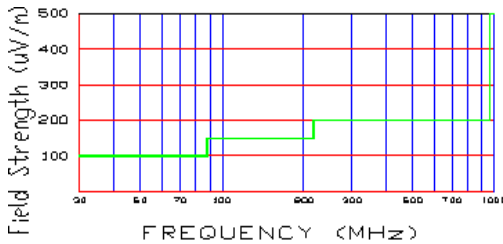
**Radiated Measurements (Cont.)**

§15.247(b) / §15.205 & §15.209

Transfer Rate: 11 Mbps  
 Distance of Measurements: 3 Meters  
 Channel: 11

Frequency (MHz)	Level (dBm)	AFCL (dB)	POL (H/V)	F/S (dBmV/m)	F/S (mV/m)	Margin (dB)
4924	-102.2	40.7	V	45.5	188.37	8.5
7386	-114.7	48.2	V	40.5	105.93	13.5
9848	-130.2	50.4	V	27.2	22.91	26.8
12310	-135.0	53.8	V	25.8	19.50	28.2



**Table A-17. Radiated Measurements @ 3 meters**



**Figure A-16. Radiated limits at 3 meters.**

**NOTES:**

1. All harmonics in the restricted bands specified in §15.205 are below the limit shown in Table G-1. (Note: \* = Restricted Band measured frequency)
2. All harmonics/spurs are at least 20 dB below the highest emission in the authorized band using RBW = 100kHz
3. Average Measurements > 1GHz using RBW = 1 MHz VBW = 10 Hz
4. The peak emissions above 1 GHz are not more than 20 dB above the average limit.
5. The antenna is manipulated through typical positions, polarity and length during the tests.
6. The EUT is supplied with nominal AC voltage or/and a new/fully-recharged battery.
7. The spectrum is measured from 9kHz to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
8. < - 135 dBm are below the analyzer floor level.
9. Above 1 GHz, the limit is 500 µV/m (54dBµ/m) at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

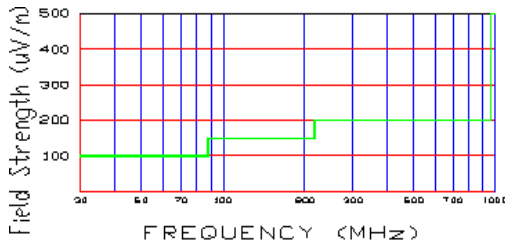
**Radiated Spurious Measurements**

§15.205 / §15.209

Distance of Measurements: 3 Meters

FREQ (MHz)	Level (dBm)	AFCL (dB/m)	POL (H/V)	Height (m)	Azimuth (° angle)	F/S (uV/M)	Margin (dB)
131.31	-83.30	12.30	V	2.5	30	63.15	-7.5
176.38	-85.31	13.52	H	2.2	90	57.59	-8.3
199.62	-86.38	16.48	H	2.2	200	71.66	-6.4
232.80	-84.50	18.01	V	1.5	180	105.98	-5.5
366.49	-88.56	22.76	V	1.3	30	114.87	-4.8
431.51	-94.95	24.46	V	1.3	10	66.88	-9.5



**Table A-18. Radiated Measurements at 3-meters**



**Figure A-17. Radiated limits at 3 meters.**

**NOTES:**

1. All emissions were investigated and the worst-case emissions are reported.
2. For hand-held devices, the EUT is rotated through three orthogonal axes to determine which configuration produces the maximum emissions.
3. The EUT is supplied with the minimal AC voltage or/and a new/fully re-charged battery.
4. The EUT was tested up to the 10<sup>th</sup> harmonic (2.5GHz) and no significant emission was found.
5. Above 1 GHz the limit is 500µV/m at 3 meters radiated.

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**EXHIBIT A – Test Results (Cont.)**

**Radiated Restricted Band Measurements**

§15.205 / §15.209



Special attention is made for the EUT’s harmonic and spurious radiated emission in the restricted bands of operations. The EUT was tested from 9kHz and up to the tenth harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHZ. Above 1 GHz, average measurement was used, using RBW 1MHz – VBW 10Hz and linearly polarized horn antennas. All harmonics/spurs are at least 20dB below the highest emission in the authorized band using RBW = 100kHz. In addition, peak measurements were taken to ensure that the peak levels are not more than 20dB above the average limit. All out of band emissions, other than those created by the spreading sequence, data sequence, and the carrier modulation must not exceed the limits show in Table G-1 per Section 15.209.

Frequency	F/S (mV/m)	Measured Distance (Meters)
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

**Table A-18. Restricted Band Limits**

**TEST MEASUREMENT EQUIPMENT**

Agilent E4448A	PSA Spectrum Analyzer 3Hz - 50GHz
HP 8566B	Spectrum Analyzer 100Hz – 22GHz
HP 83017A	Microwave Analyzer 40dB Gain (0.5 – 26.5GHz)
HP 3784A	Digital Transmission Analyzer
EMCO 3115	Horn Antenna (1 – 18GHz)
HP 8495A	20dB Attenuator (DC-40GHz) 0 –70dB
HP 8493B	10dB Attenuator
MicroCoax Cables	Low Loss Microwave Cables (1 – 26.5GHz)
CDI Dipoles	Dipole Antennas (30 – 1000MHz)
EMCO 3116	Horn Antenna (18 – 40GHz)

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**EXHIBIT A – Test Results (Cont.)**

**Radiated Restricted Band Measurements (Cont.)**

§15.205 / §15.209 courtesy

Operating Frequency: 2462.0 MHz



Distance of Measurements: 3 Meters

Freq. (MHz)	Level (dBm)	AFCL (dB/m)	POL (H/V)	F/S (uV/m)	Margin (dB)
2483.9	- 90.2	33.0	V	309.03	4.2
2484.3	- 92.6	33.0	V	234.42	6.6
2484.5	- 95.8	33.1	V	164.06	6.6
2486.3	- 93.6	33.1	V	211.35	7.5
2493.0	- 97.5	33.2	V	136.46	11.3
2496.0	- 95.0	33.2	V	181.97	8.8

**Table A-19. Radiated Restricted Band Measurements at 3-meters**

**NOTES:**

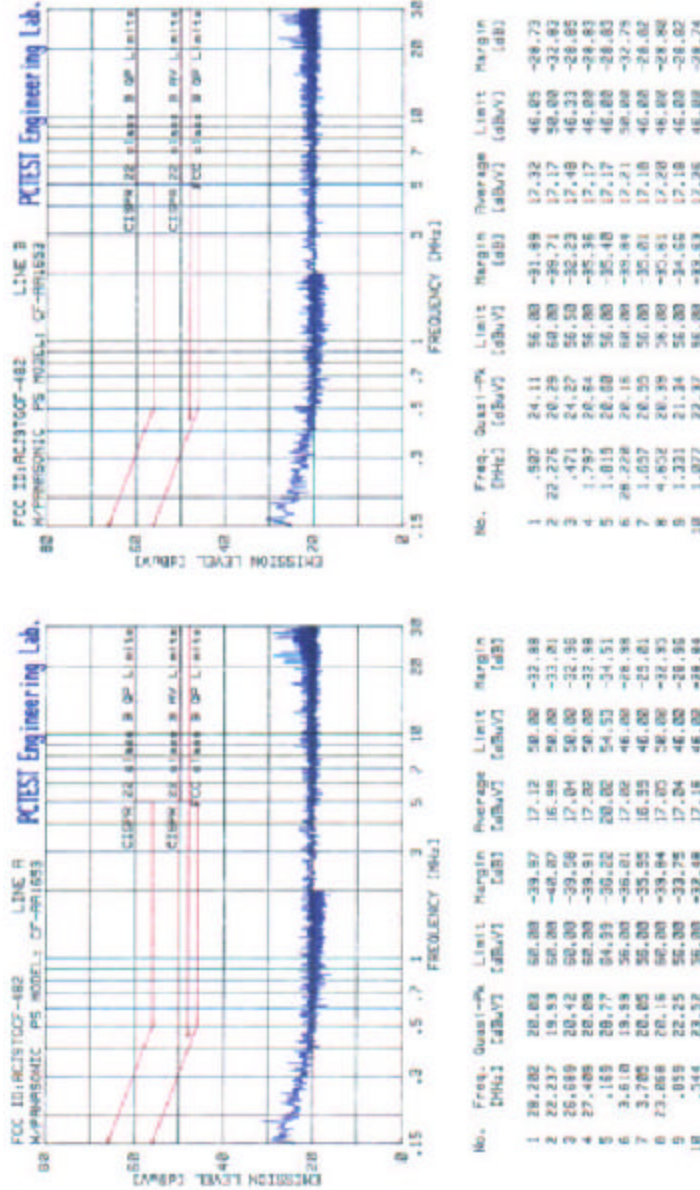
1. The antenna is manipulated through typical positions, polarity and length during the testing.
2. The EUT is supplied with the minimal AC voltage or/and a new/fully re-charged battery.
3. The spectrum is measured from 9kHz up to the 10<sup>th</sup> harmonic and the worst-case emissions are reported.
4. The conducted limits are shown on Figure A-14. Above 1 GHz the limit is 500µV/m at 3 meters radiated.
5. < -135 dBm is below the analyzer measurement floor level.

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**EXHIBIT A – Test Results (Cont.)**

**Line-Conducted Test Data**

§15.207



**Notes:**

1. All Modes of operation were investigated and the worst-case emissions are reported.
2. The limit for Class B device(s) from 150kHz to 30MHz are Specified in EN55022.
3. Line A = Phase; Line B = Neutral
4. Deviations to the Specifications: *None.*

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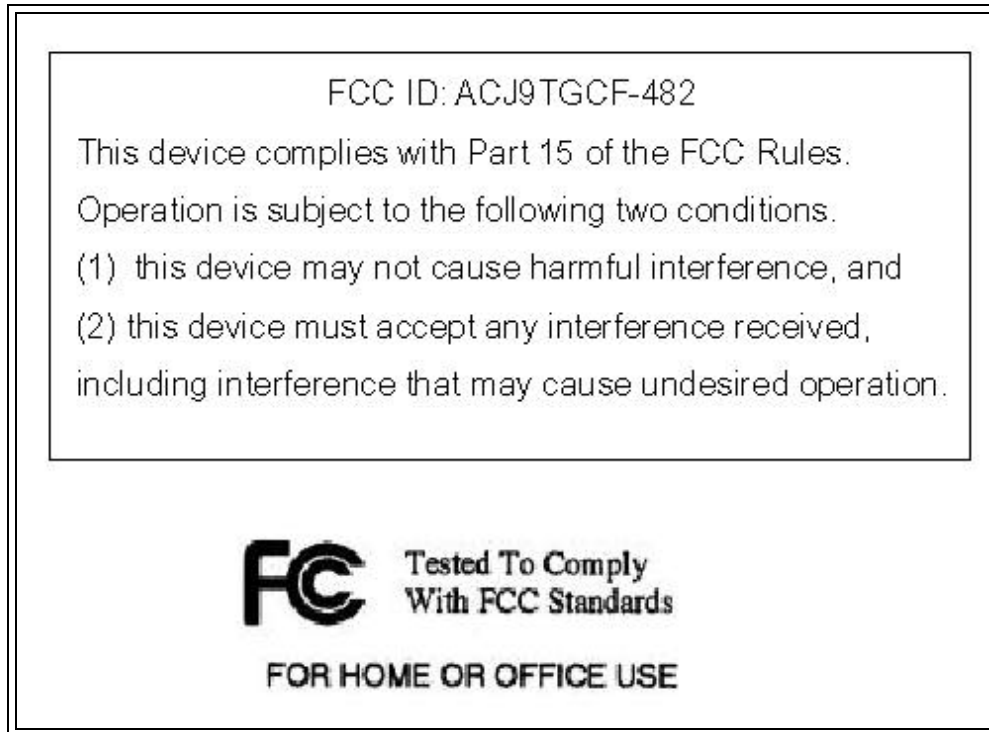
**EXHIBIT B – Labeling Requirements**



**Sample Label & Location**

New Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

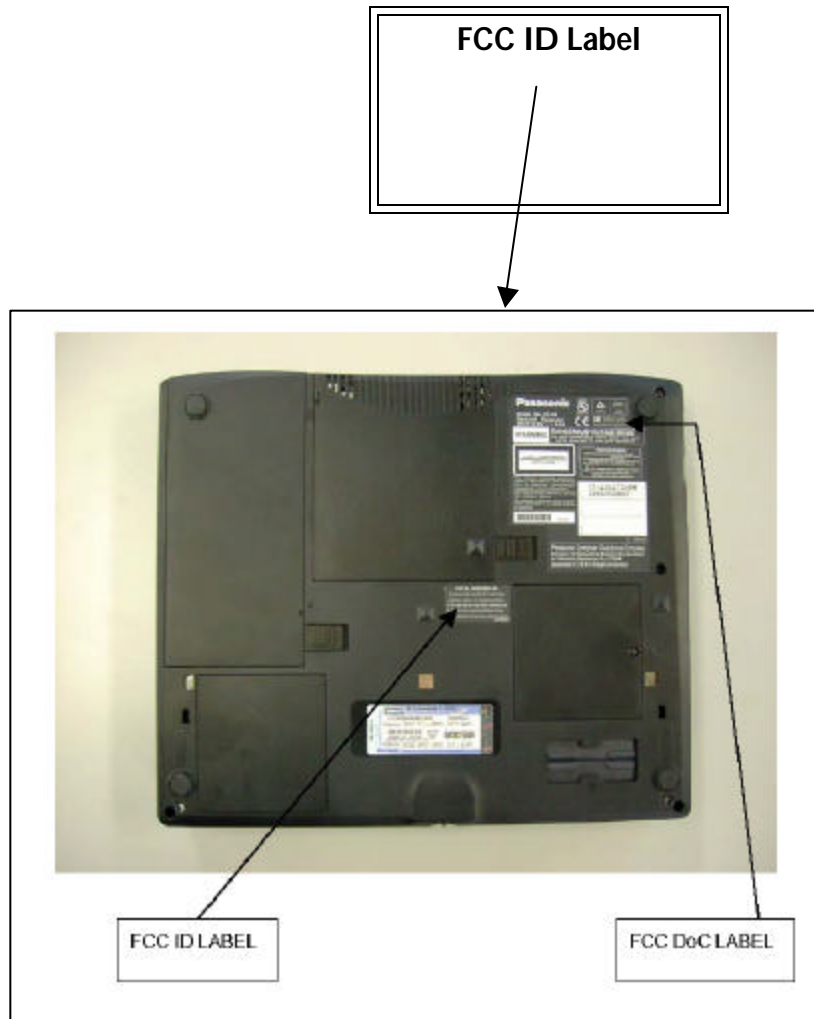
The sample label shown below shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the trade name, FCC ID, and the FCC logo must be displayed on the device per Section 15.19 (b)(2).





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**EXHIBIT B – Labeling Requirements (Cont.)**

**Sample Label & Location**





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## **EXHIBIT C – Block Diagram/Schematics**

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## **EXHIBIT D – Parts List**



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## EXHIBIT E – Operational Description



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## EXHIBIT F – Test Setup Photographs



The Line-Conducted and Radiated Test Pictures show the worst-case configuration and cable placement with a minimum margin to the specifications.

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## EXHIBIT G – EUT External/Internal Photographs

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## **EXHIBIT H – User’s Manual**

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## EXHIBIT I – SAR MEASUREMENT REPORT

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