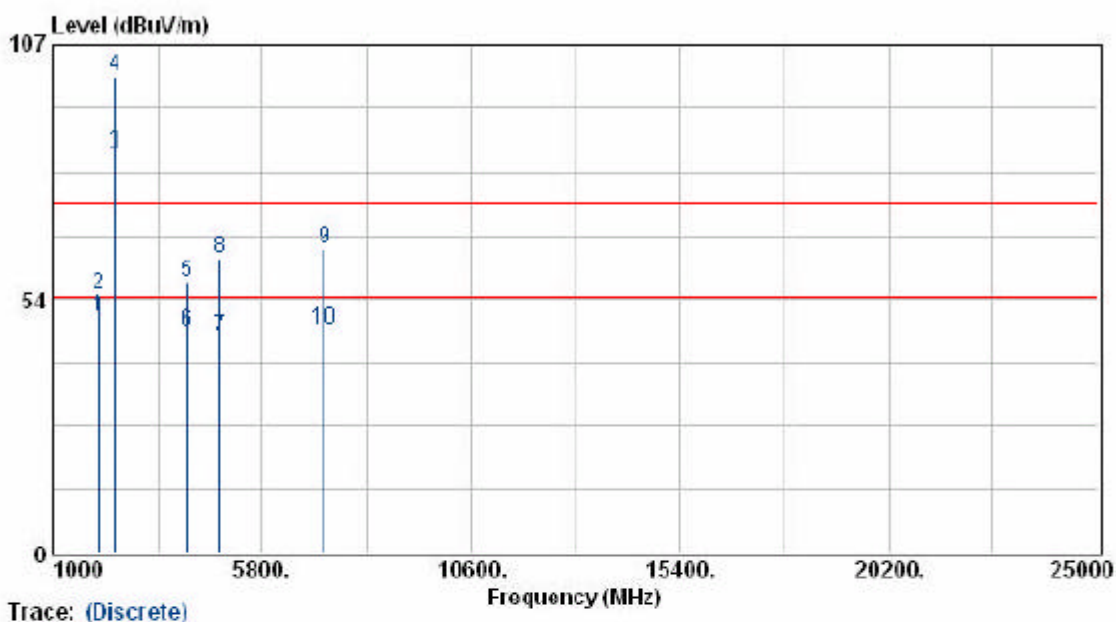


EUT : IPC1500 (NC801A)
 Power : 110V
 Test Mode : Transmit/Receive
 Operation Channel : 1
 Modulation Type : 002.11g
 Rate : 54 Mbps

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 65 %
 Atmospheric Pressure : 1020 mmHg
 Memo : OdBi

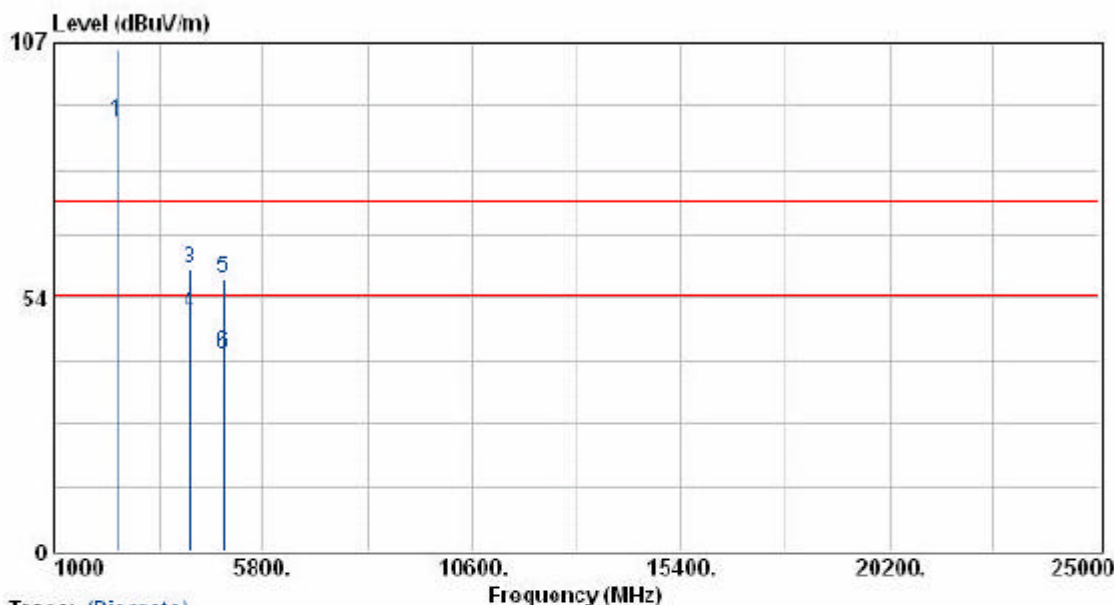


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant. High (cm)
2038.00	50.59	-0.67	49.92	54.00	-4.08	Average	175	100
2038.00	55.11	-0.67	54.44	74.00	-19.56	Peak	175	100
2407.10	83.30	0.61	83.91	54.00	29.91	Average	182	100
2407.10	99.97	0.61	100.58	74.00	26.58	Peak	182	100
4076.00	51.04	6.05	57.09	74.00	-16.91	Peak	182	100
4076.00	40.60	6.05	46.65	54.00	-7.35	Average	182	100
4825.10	38.14	7.36	45.50	54.00	-8.50	Average	182	100
4825.10	54.93	7.36	62.29	74.00	-11.71	Peak	182	100
7235.20	52.97	11.05	64.02	74.00	-9.98	Peak	182	100
7235.20	36.05	11.05	47.10	54.00	-6.90	Average	182	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IPC1500 (NC801A)	Pol/Phase	: HORIZONTAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 6	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11g	Memo	: OdBi
Rate	: 54 Mbps		



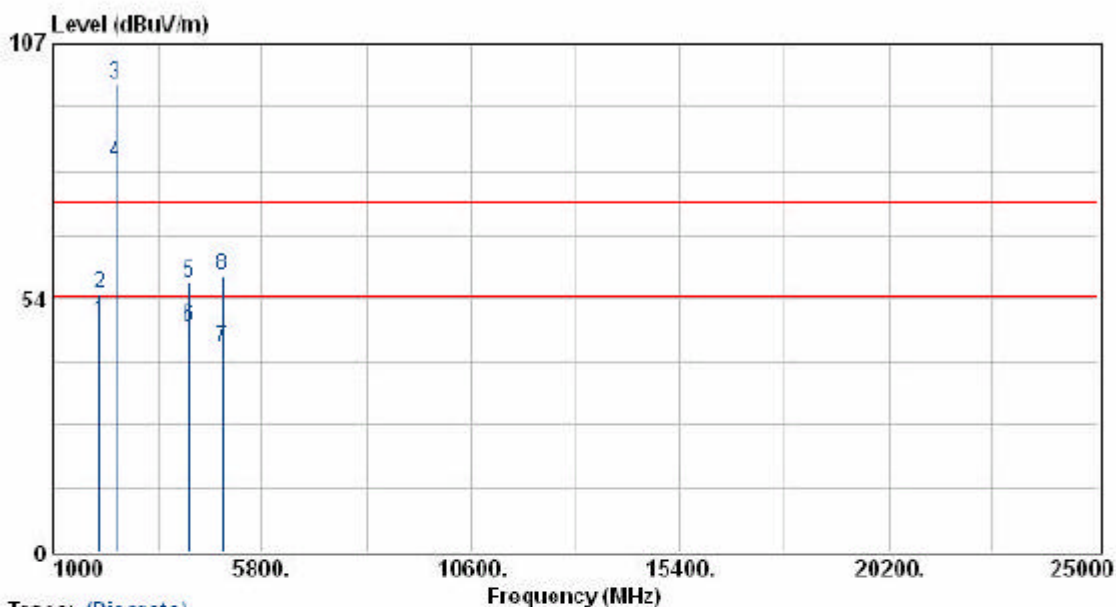
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2431.80	88.84	1.39	90.23	54.00	36.23	Average	182	100
2431.80	104.39	1.39	105.78	74.00	31.78	Peak	182	100
4126.00	52.87	6.69	59.56	74.00	-14.44	Peak	205	100
4126.00	43.65	6.69	50.34	54.00	-3.66	Average	205	100
4874.00	49.25	8.32	57.57	74.00	-16.43	Peak	182	100
4874.00	33.21	8.32	41.53	54.00	-12.47	Average	182	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IPC1500 (NC801A)	Pol/Phase	: VERTICAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 6	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11g	Memo	: OdBi
Rate	: 54 Mbps		



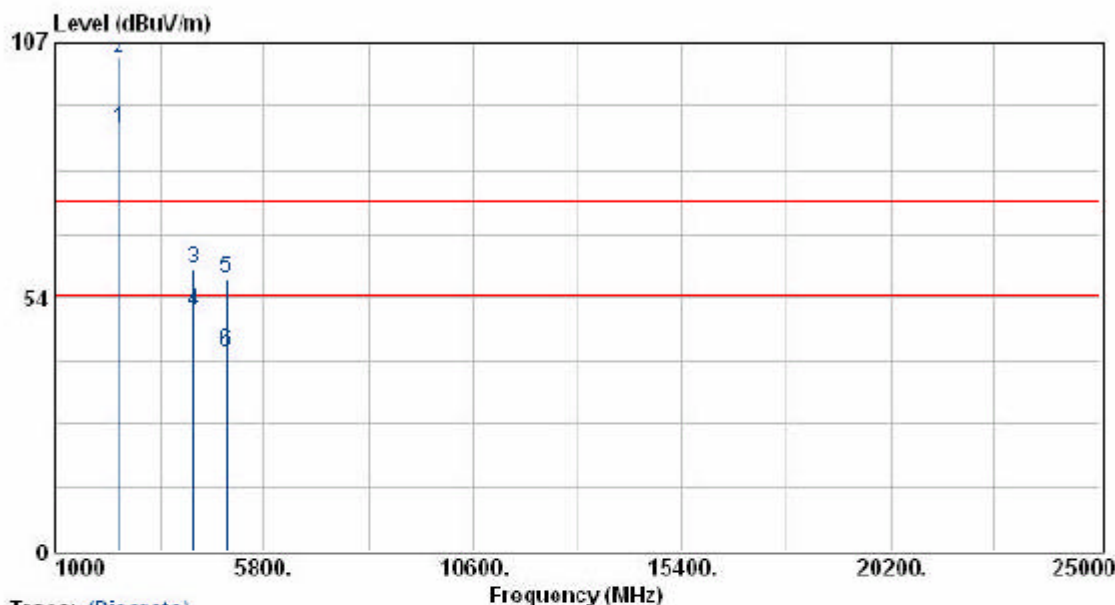
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBUV)	Corrected Factor (dBUV/m)	Result (dBUV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2063.00	49.14	-0.58	48.56	54.00	-5.44	Average	175	100
2063.00	54.88	-0.58	54.30	74.00	-19.70	Peak	175	100
2432.10	97.63	0.70	98.33	74.00	24.33	Peak	182	100
2432.10	81.39	0.70	82.09	54.00	28.09	Average	182	100
4126.00	50.91	6.07	56.98	74.00	-17.02	Peak	182	100
4126.00	41.45	6.07	47.52	54.00	-6.48	Average	182	100
4873.20	35.51	7.54	43.05	54.00	-10.95	Average	182	100
4873.20	50.99	7.54	58.53	74.00	-15.47	Peak	182	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IPC1500 (NC801A)	Pol/Phase	: HORIZONTAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 11	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11g	Memo	: OdBi
Rate	: 54 Mbps		



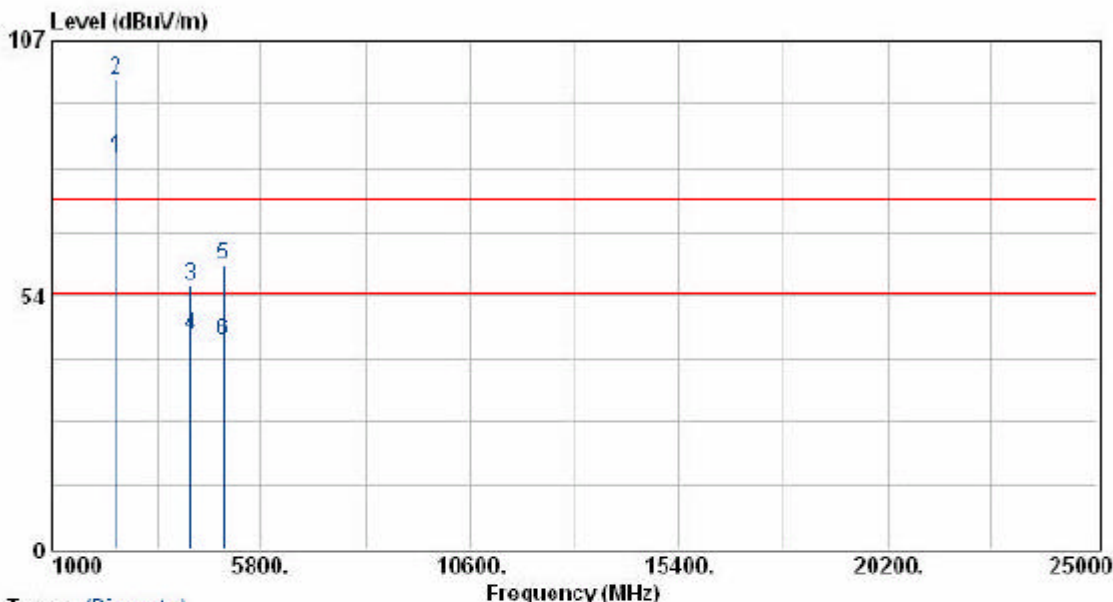
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBUV)	Corrected Factor (dBUV/m)	Result (dBUV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2464.40	87.20	1.51	88.71	54.00	34.71	Average	182	100
2464.40	102.21	1.51	103.72	74.00	29.72	Peak	182	100
4176.00	52.83	6.72	59.55	74.00	-14.45	Peak	205	100
4176.00	43.98	6.72	50.70	54.00	-3.30	Average	205	100
4925.20	49.05	8.51	57.56	74.00	-16.44	Peak	182	100
4925.20	33.41	8.51	41.92	54.00	-12.08	Average	182	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IPC1500 (NC801A)	Pol/Phase	: VERTICAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 11	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11g	Memo	: OdBi
Rate	: 54 Mbps		



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2468.90	81.77	0.82	82.59	54.00	28.59	Average	182	100
2468.90	97.87	0.82	98.69	74.00	24.69	Peak	182	100
4176.00	49.46	6.08	55.54	74.00	-18.46	Peak	182	100
4176.00	39.15	6.08	45.23	54.00	-8.77	Average	182	100
4925.20	52.01	7.73	59.74	74.00	-14.26	Peak	182	100
4925.20	36.21	7.73	43.94	54.00	-10.06	Average	182	100

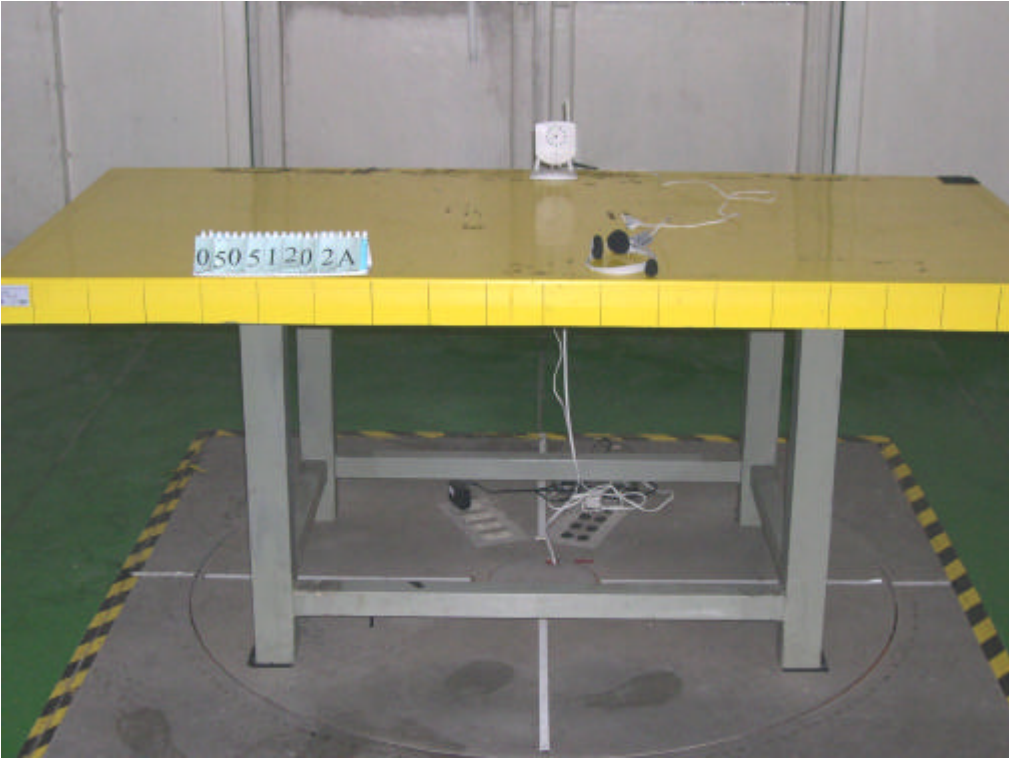
Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

5.5.1 Test Photographs

Test Mode 1

Front View



Rear View



Test Mode 2



Front View



Rear View