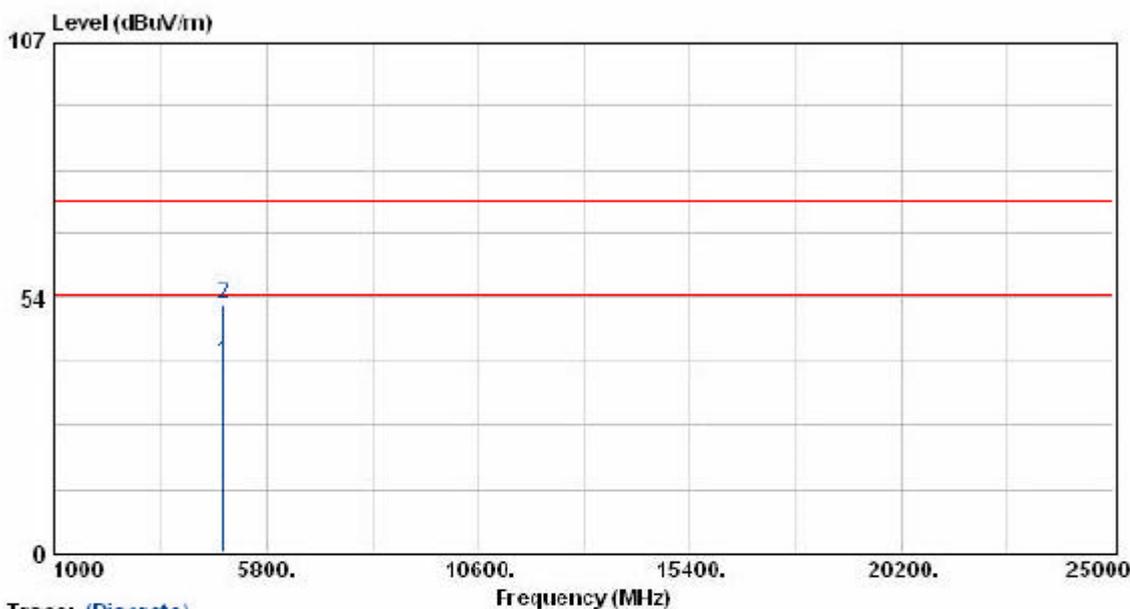


EUT	: MBR814X	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 1	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: DV-151A-1		



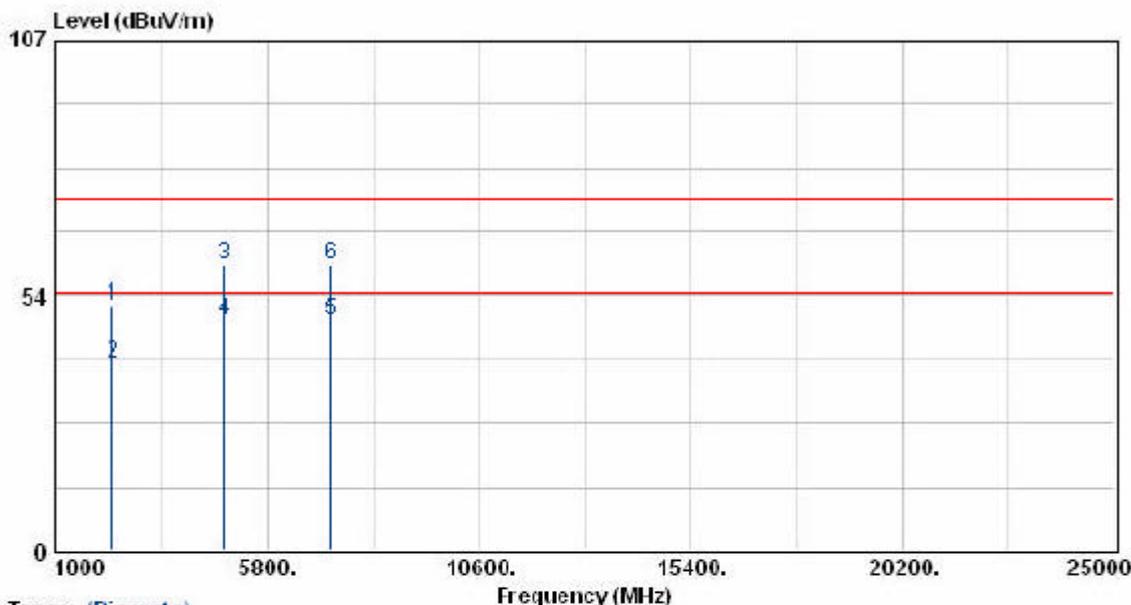
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4825.13	31.53	8.13	39.66	54.00	-14.34	Average	293	100
4825.13	43.89	8.13	52.01	74.00	-21.99	Peak	293	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.

EUT	: MBR814X	Pol/Phase	: VERTICAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 1	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: DV-151A-1		



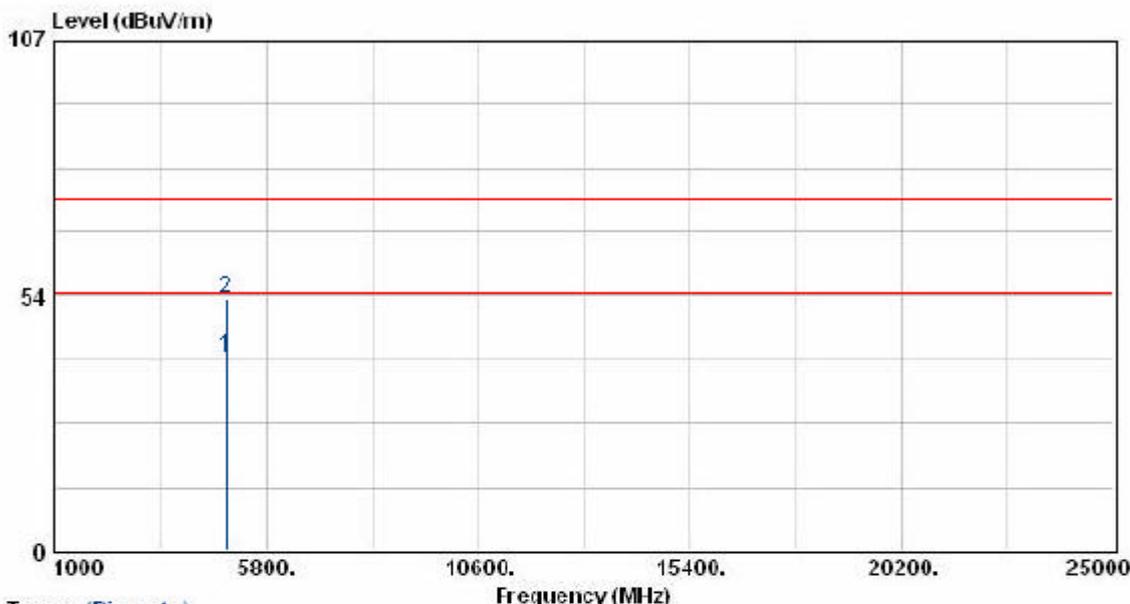
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2320.88	50.86	0.31	51.17	74.00	-22.83	Peak	235	100
2320.88	39.10	0.31	39.41	54.00	-14.59	Average	235	100
4825.00	52.67	7.36	60.03	74.00	-13.97	Peak	237	100
4825.00	40.72	7.36	48.08	54.00	-5.92	Average	237	100
7236.25	37.04	11.05	48.10	54.00	-5.90	Average	237	100
7236.25	49.01	11.05	60.07	74.00	-13.93	Peak	237	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.

EUT	: MBR814X	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 6	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: DY-151A-1		



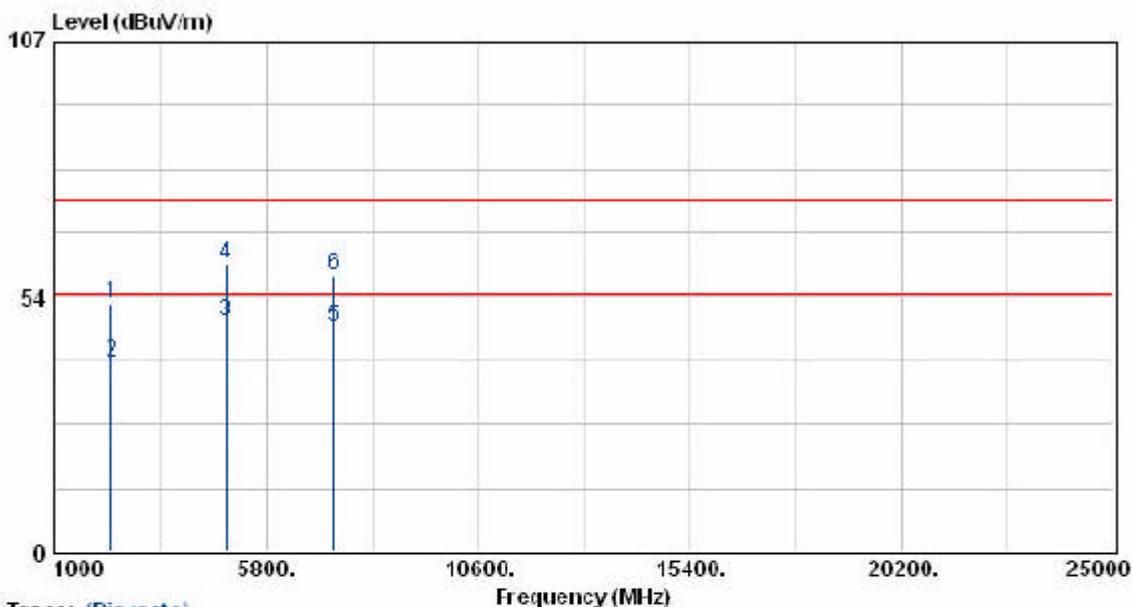
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4874.88	32.17	8.32	40.49	54.00	-13.51	Average	293	100
4874.88	44.43	8.32	52.75	74.00	-21.25	Peak	293	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.

EUT	: MBR814X	Pol/Phase	: VERTICAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 6	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: DV-151A-1		



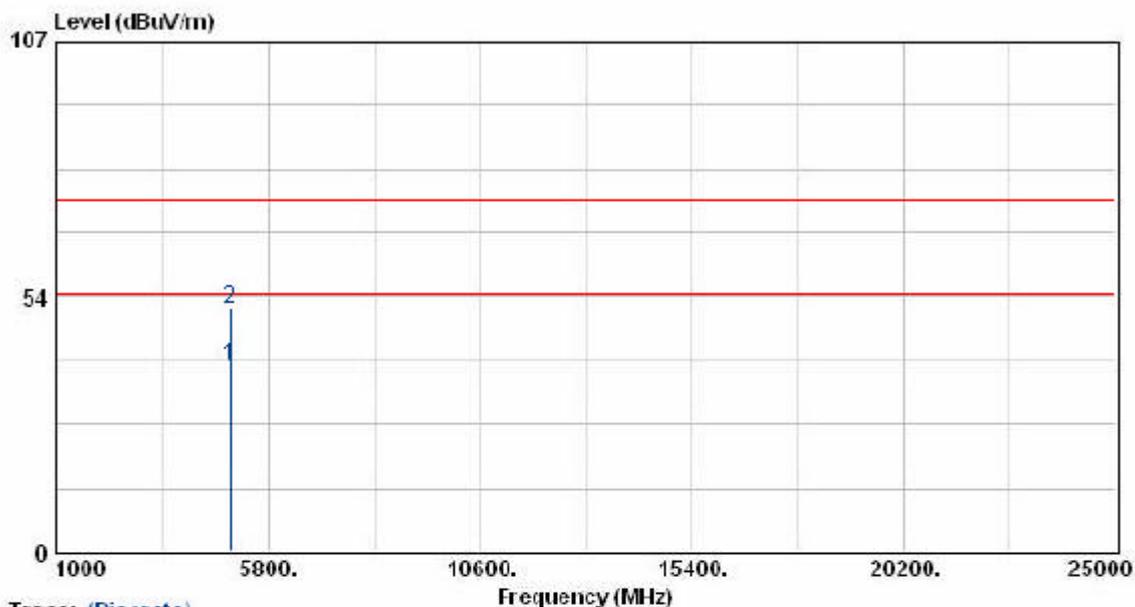
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2320.88	51.97	0.31	52.28	74.00	-21.72	Peak	235	100
2320.88	39.37	0.31	39.68	54.00	-14.32	Average	235	100
4874.75	40.75	7.54	48.30	54.00	-5.70	Average	237	100
4874.75	52.82	7.54	60.37	74.00	-13.63	Peak	237	100
7310.88	35.81	11.14	46.95	54.00	-7.05	Average	237	100
7310.88	47.03	11.14	58.17	74.00	-15.83	Peak	237	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.

EUT	: MBR814X	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 11	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: DV-151A-1		

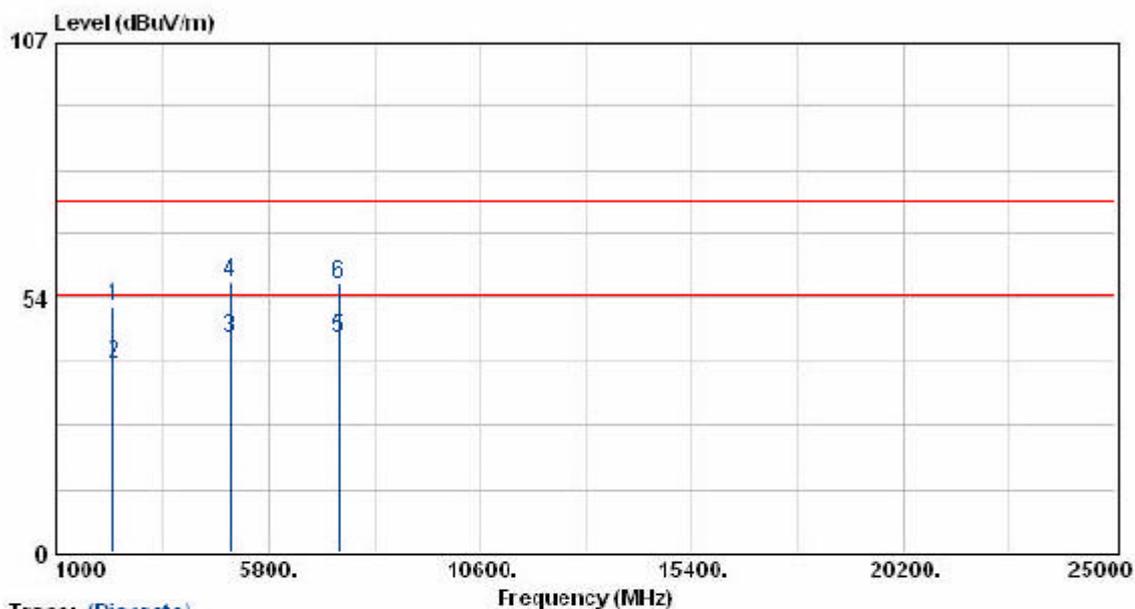


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.88	30.55	8.51	39.06	54.00	-14.94	Average	293	100
4924.88	42.47	8.51	50.98	74.00	-23.02	Peak	293	100

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.

EUT	: MBR814X	Pol/Phase	: VERTICAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 11	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: DY-151A-1		



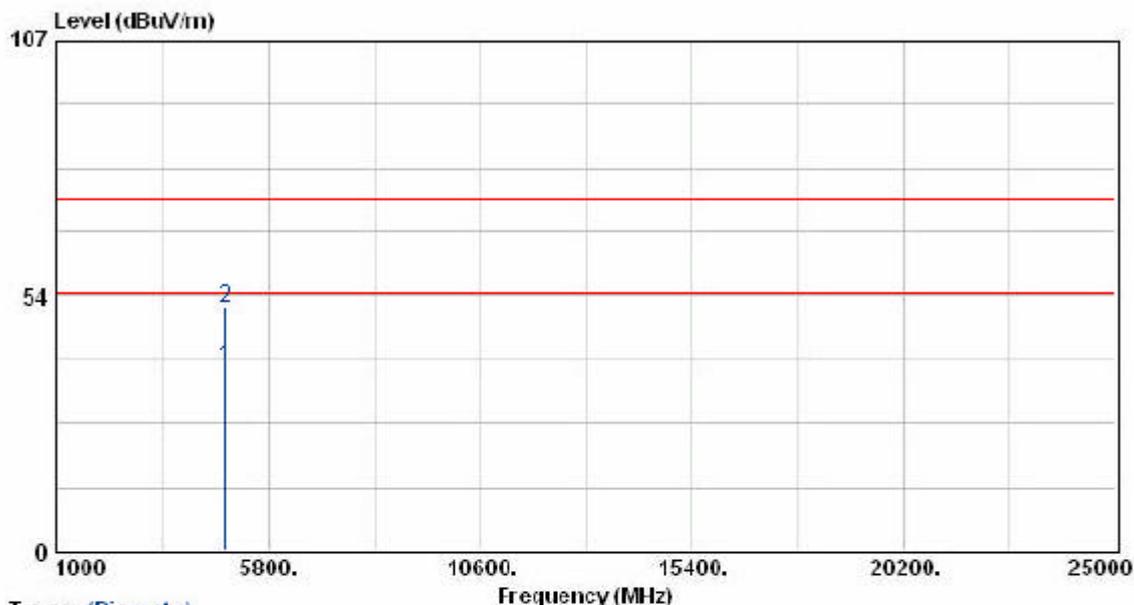
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/n)	Result (dBuV/n)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2320.88	51.47	0.31	51.78	74.00	-22.22	Peak	235	100
2320.88	39.46	0.31	39.77	54.00	-14.23	Average	235	100
4925.13	37.29	7.73	45.02	54.00	-8.98	Average	237	100
4925.13	49.20	7.73	56.93	74.00	-17.07	Peak	237	100
7388.00	33.73	11.22	44.95	54.00	-9.05	Average	237	100
7388.00	45.17	11.22	56.39	74.00	-17.61	Peak	237	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.

EUT	: MBR814X	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 1	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		
Memo	: DV-151A-1		



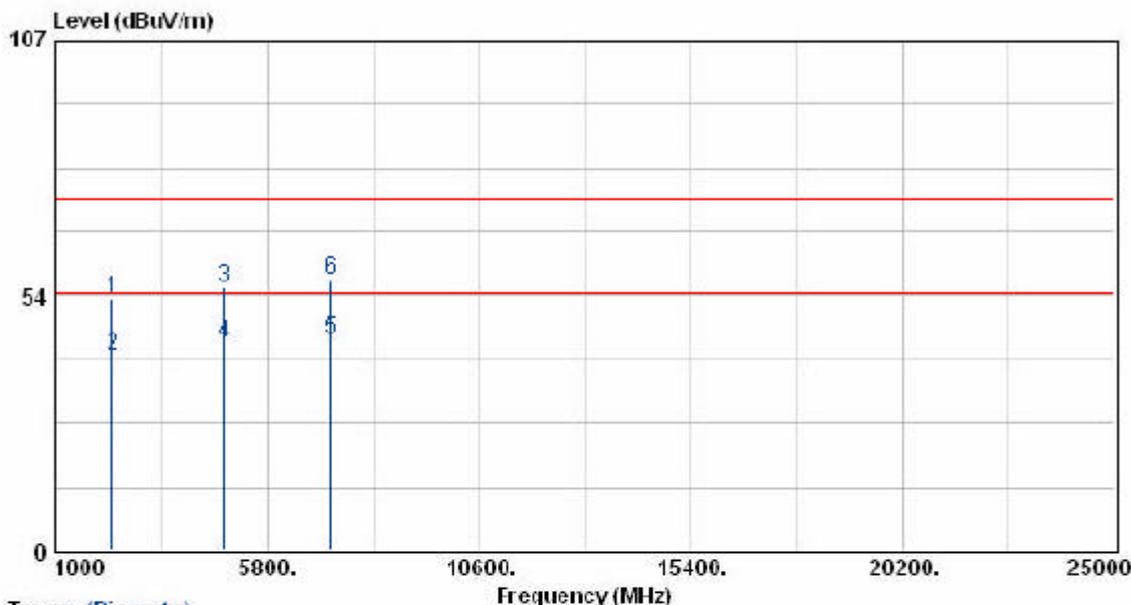
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4824.50	30.53	8.13	38.66	54.00	-15.34	Average	293	100
4824.50	42.81	8.13	50.94	74.00	-23.06	Peak	293	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.

EUT	: MBR814X	Pol/Phase	: VERTICAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 1	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		
Memo	: DY-151A-1		

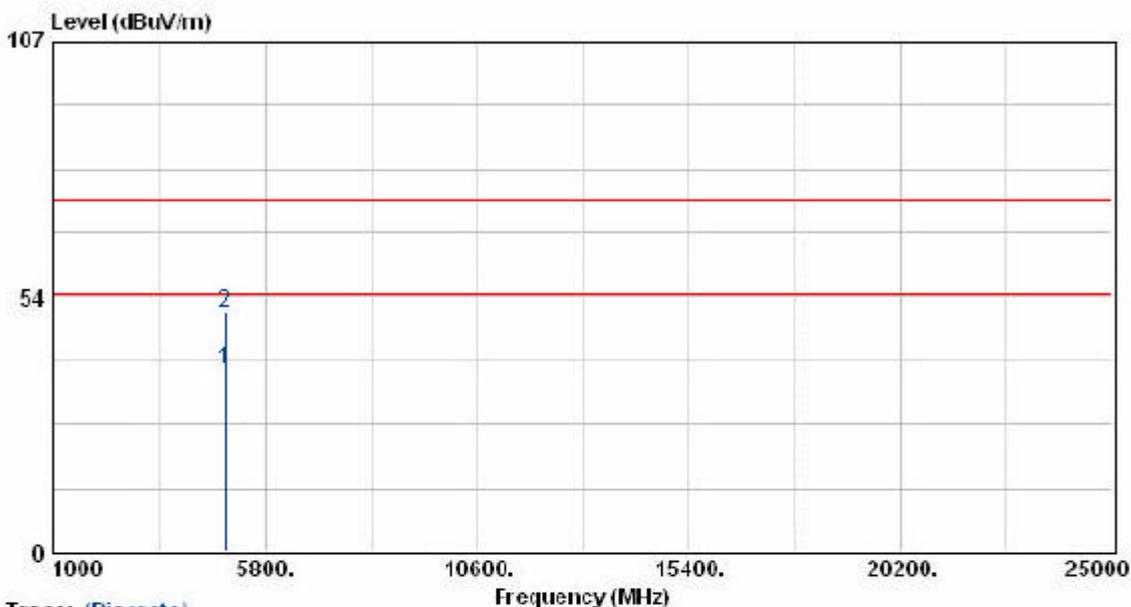


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2320.88	52.56	0.31	52.87	74.00	-21.13	Peak	235	100
2320.88	40.49	0.31	40.80	54.00	-13.20	Average	235	100
4824.50	48.07	7.36	55.43	74.00	-18.57	Peak	237	100
4824.50	36.14	7.36	43.50	54.00	-10.50	Average	237	100
7235.25	33.13	11.05	44.19	54.00	-9.81	Average	237	100
7235.25	45.92	11.05	56.97	74.00	-17.03	Peak	237	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.

EUT	: MBR814X	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 6	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		
Memo	: DY-151A-1		



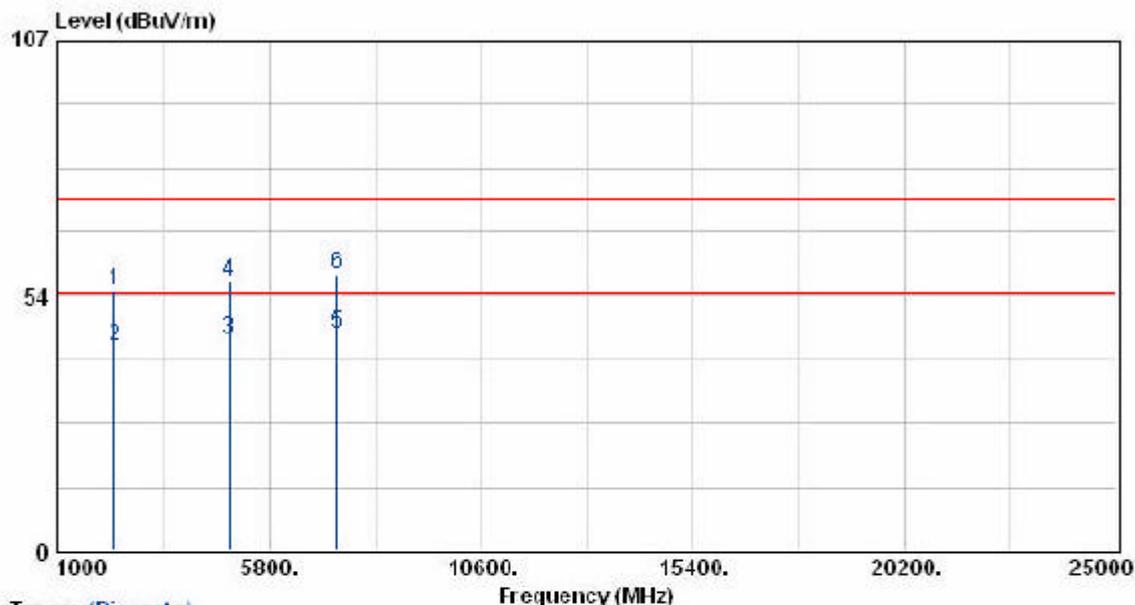
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4874.88	29.73	8.32	38.05	54.00	-15.95	Average	293	100
4874.88	41.78	8.32	50.10	74.00	-23.90	Peak	293	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.

EUT	: MBR814X	Pol/Phase	: VERTICAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 6	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		
Memo	: DV-151A-1		



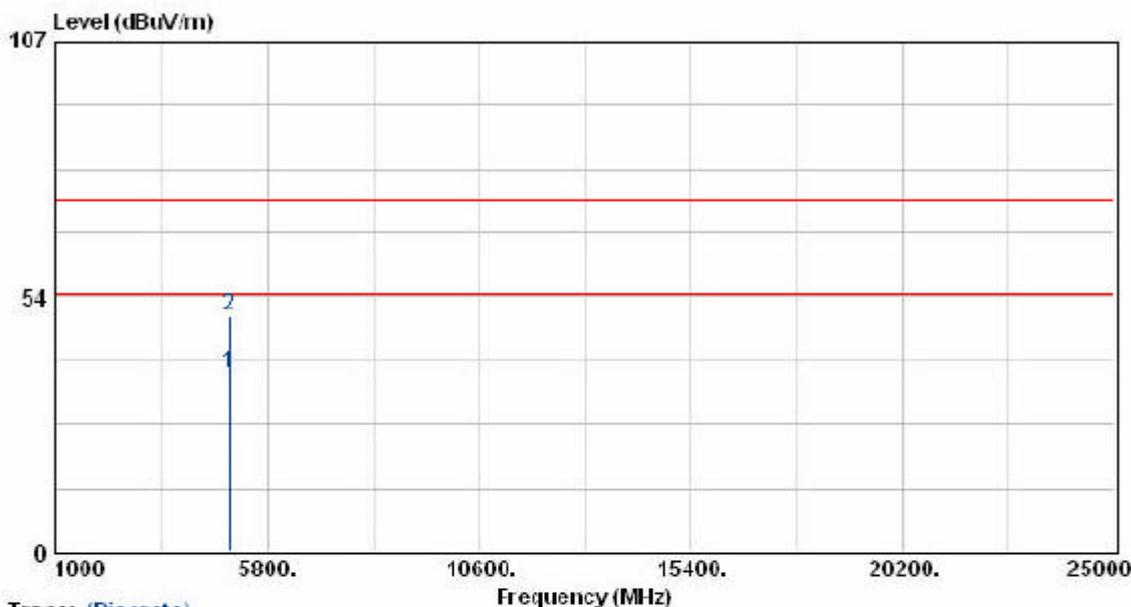
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2320.88	54.09	0.31	54.40	74.00	-19.50	Peak	235	100
2320.88	42.51	0.31	42.82	54.00	-11.18	Average	235	100
4875.00	36.68	7.54	44.22	54.00	-9.78	Average	237	100
4875.00	48.93	7.54	56.47	74.00	-17.53	Peak	237	100
7311.38	34.54	11.14	45.67	54.00	-8.33	Average	237	100
7311.38	46.94	11.14	58.08	74.00	-15.92	Peak	237	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.

EUT	: MBR814X	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 11	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		
Memo	: DV-151A-1		

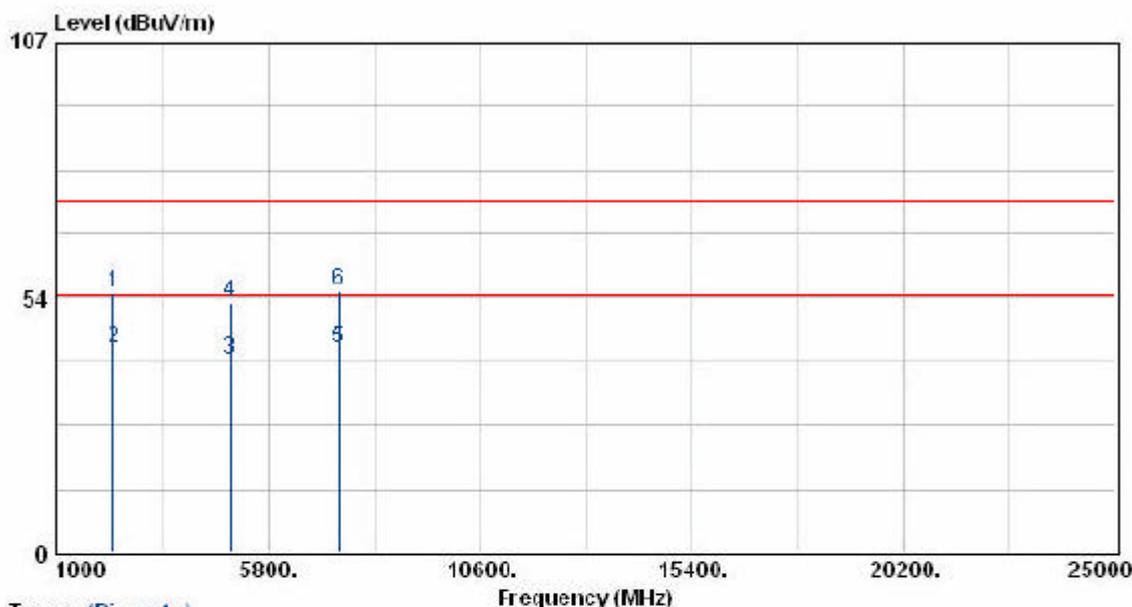


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.00	28.83	8.51	37.33	54.00	-16.67	Average	293	100
4924.00	40.73	8.51	49.24	74.00	-24.76	Peak	293	100

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.

EUT	: MBR814X	Pol/Phase	: VERTICAL
Power	: AC 120V	Temperature	: 30 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 11	Atmospheric Pressure	: 1018 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		
Memo	: DY-151A-1		



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2320.88	54.25	0.31	54.56	74.00	-19.44	Peak	235	100
2320.88	42.54	0.31	42.85	54.00	-11.15	Average	235	100
4925.63	32.68	7.73	40.41	54.00	-13.59	Average	237	100
4925.63	44.74	7.73	52.46	74.00	-21.54	Peak	237	100
7386.00	31.45	11.22	42.67	54.00	-11.33	Average	237	100
7386.00	43.66	11.22	54.88	74.00	-19.12	Peak	237	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.

5.5.1. Test Photographs

Front View



Rear View

