

## 6. Test of Radiated Emission

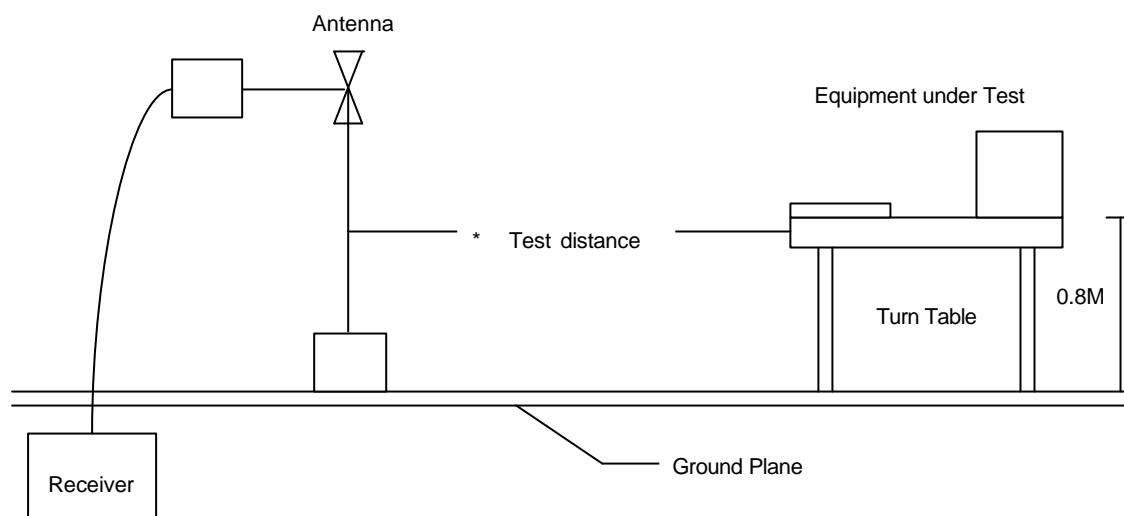
### 6.1. Test Limit

Radiated emissions from 30 MHz to 40 GHz were measured according to the methods defines in ANSI C63.4-2003. The EUT was placed, 0.8 meter above the ground plane, as shown in section 1.4.2. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions

### 6.2. 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 both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
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 turn table (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. 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 which do not have 3 dB margin 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 peak 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.

### 6.3. Typical Test Setup Layout of Radiated Emission



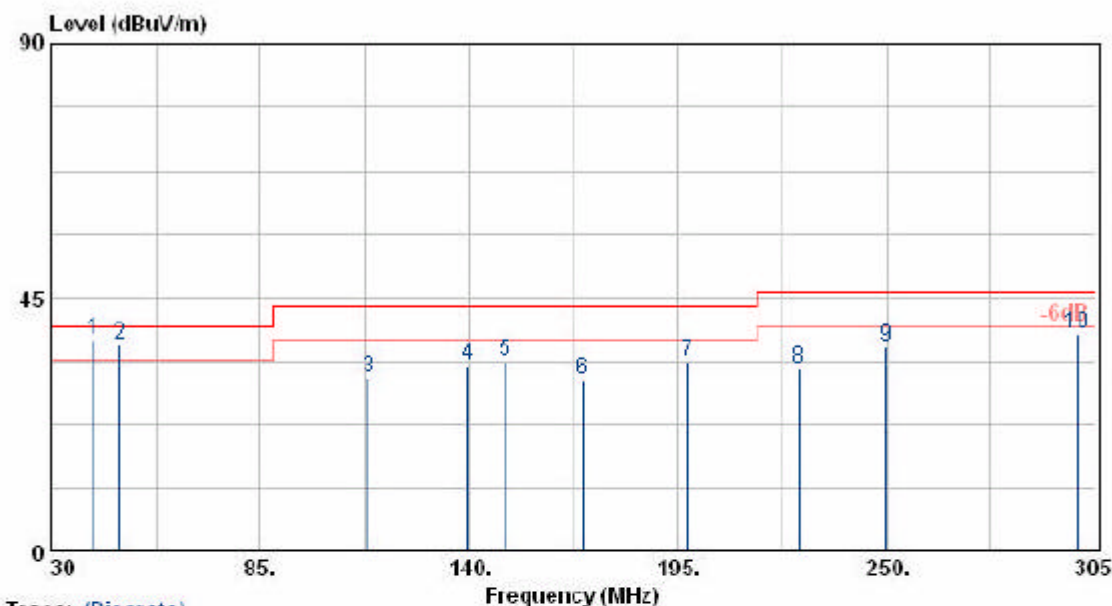
### 6.4. Measurement equipment

Instrument/Ancillary	Type	Manufacturer	Valid Date
EMI Receiver	8546A	HP	2006/04/13
Spectrum Analyzer	FSP40	R&S	2005/12/28
Horn Antenna	3115	EMCO	2006/02/21
Horn Antenna	3116	EMCO	2006/02/21
Bilog Antenna	CBL6112B	Schaffner	2006/04/12
Amplifier	8447D	Agilent	2006/02/14
Amplifier	8449B	Agilent	2005/12/27

### 6.5. Test Result of Radiated Emission

Antenna type 1:external omni antenna (Model:HG5812)

EUT	: Razor	Pol/Phase	: HORIZONTAL
Power	: 120V	Temperature	: 31 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 149	Atmospheric Pressure	: 1016 mmHg
Modulation Type	: 802.11a		
Rate	: 6 Mbps		
Memo	: HG5812(12dBi)		

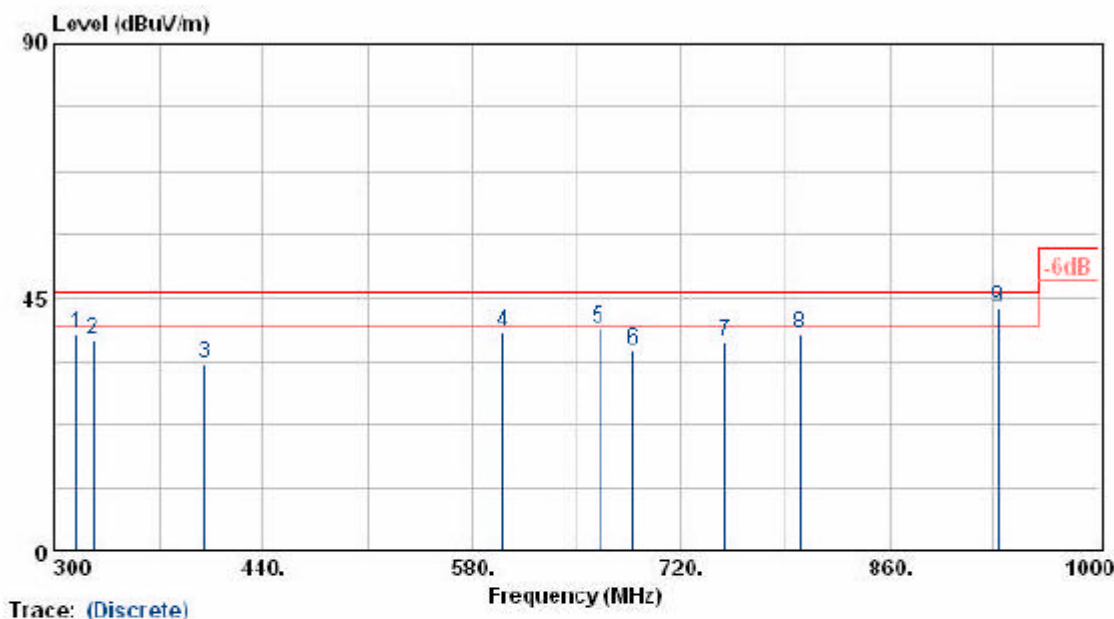


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
40.73	47.30	-9.62	37.68	40.00	-2.32	QP	360	200
48.15	50.40	-13.85	36.55	40.00	-3.45	QP	250	200
113.60	47.92	-17.12	30.80	43.50	-12.70	Peak	200	200
139.73	47.37	-14.47	32.90	43.50	-10.60	Peak	50	200
149.35	47.95	-14.40	33.55	43.50	-9.95	Peak	80	200
169.98	47.24	-16.74	30.50	43.50	-13.00	Peak	50	200
197.48	50.57	-17.02	33.55	43.50	-9.95	Peak	60	200
226.90	48.71	-16.24	32.47	46.00	-13.53	Peak	160	200
249.73	49.66	-13.22	36.44	46.00	-9.56	Peak	360	200
300.05	49.64	-11.10	38.54	46.00	-7.46	Peak	40	200

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.

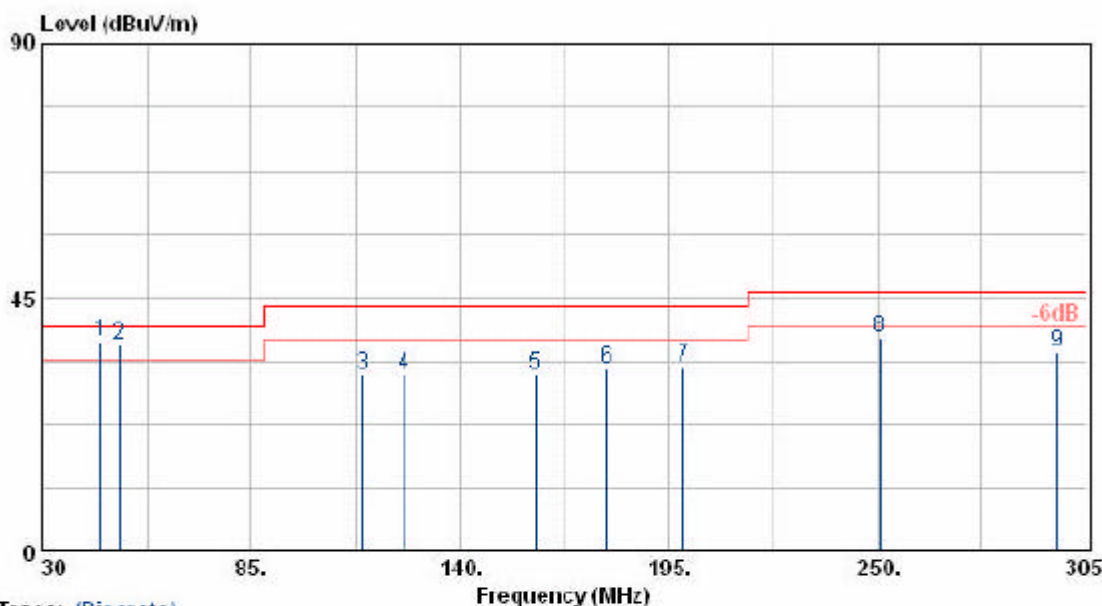
EUT	: Razor	Pol/Phase	: HORIZONTAL
Power	: 120V	Temperature	: 31 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 149	Atmospheric Pressure	: 1016 mmHg
Modulation Type	: 802.11a		
Rate	: 6 Mbps		
Memo	: HG5812(12dBi)		



Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
315.40	49.47	-10.81	38.66	46.00	-7.34	Peak	96	400
325.90	48.20	-10.63	37.57	46.00	-8.43	Peak	96	400
400.10	41.92	-8.59	33.33	46.00	-12.67	Peak	120	400
600.30	43.36	-4.39	38.97	46.00	-7.03	Peak	200	400
665.40	42.85	-3.41	39.44	46.00	-6.56	Peak	150	400
687.80	38.57	-3.03	35.54	46.00	-10.46	Peak	200	400
749.40	38.51	-1.07	37.44	46.00	-8.56	Peak	100	400
799.80	39.47	-0.86	38.61	46.00	-7.39	Peak	80	400
932.80	40.94	2.39	43.33	46.00	-2.67	QP	96	400

- 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	: Razor	Pol/Phase	: VERTICAL
Power	: 120V	Temperature	: 31 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 149	Atmospheric Pressure	: 1016 mmHg
Modulation Type	: 802.11a		
Rate	: 6 Mbps		
Memo	: HG5812(12dBi)		



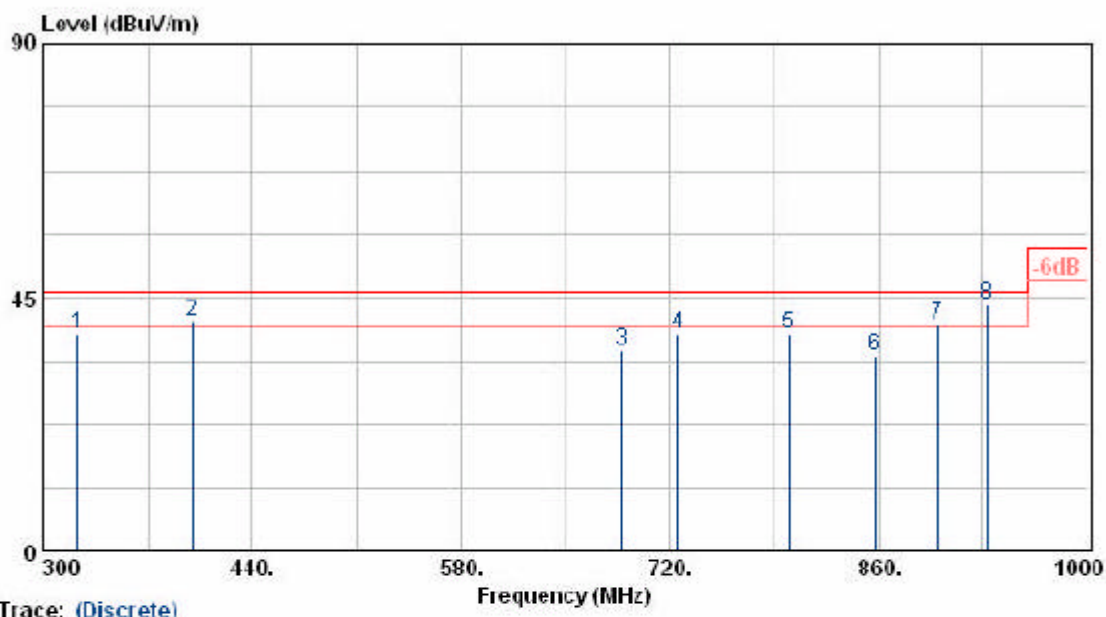
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBUV)	Corrected Factor (dBUV/m)	Result (dBUV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
45.13	49.74	-12.48	37.26	40.00	-2.74	QP	360	100
50.35	51.52	-14.97	36.55	40.00	-3.45	QP	60	100
114.43	48.49	-17.08	31.41	43.50	-12.09	Peak	60	100
125.43	47.20	-15.87	31.33	43.50	-12.17	Peak	110	100
159.80	47.15	-15.65	31.50	43.50	-12.00	Peak	40	100
178.50	49.64	-17.30	32.34	43.50	-11.16	Peak	260	100
198.85	49.79	-17.02	32.77	43.50	-10.73	Peak	220	100
250.55	51.00	-13.13	37.87	46.00	-8.13	Peak	70	100
297.30	46.58	-11.11	35.47	46.00	-10.53	Peak	360	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	: Razor	Pol/Phase	: VERTICAL
Power	: 120V	Temperature	: 31 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 149	Atmospheric Pressure	: 1016 mmHg
Modulation Type	: QPSK		
Rate	: 6 Mbps		
Memo	: HG5812(12dBi)		



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
322.40	49.35	-10.66	38.69	46.00	-7.31	Peak	90	300
399.40	49.46	-8.61	40.85	46.00	-5.15	QP	350	300
687.80	38.56	-3.03	35.53	46.00	-10.47	Peak	60	300
724.90	40.46	-1.99	38.47	46.00	-7.53	Peak	290	300
799.80	39.40	-0.86	38.54	46.00	-7.46	Peak	90	300
857.90	34.20	0.46	34.66	46.00	-11.34	Peak	200	300
899.90	39.11	1.24	40.35	46.00	-5.65	QP	200	300
932.80	41.33	2.39	43.72	46.00	-2.28	QP	350	300

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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 09, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
11490	H	---	16.54	---	54.0	---	Ave	---	---
17235	H	---	21.99	---	68.3	---	Peak	---	---
22980	H	---	31.49	---	54.0	---	Ave	---	---
28725	H	---	33.65	---	68.3	---	Peak	---	---
11490	V	---	16.54	---	54.0	---	Ave	---	---
17235	V	---	21.99	---	68.3	---	Peak	---	---
22980	V	---	31.49	---	54.0	---	Ave	---	---
28725	V	---	33.65	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 11, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
11570	H	---	16.49	---	54.0	---	Ave	---	---
17355	H	---	22.77	---	68.3	---	Peak	---	---
23140	H	---	31.62	---	54.0	---	Ave	---	---
28925	H	---	33.61	---	68.3	---	Peak	---	---
11570	V	---	16.49	---	54.0	---	Ave	---	---
17355	V	---	22.77	---	68.3	---	Peak	---	---
23140	V	---	31.62	---	54.0	---	Ave	---	---
28925	V	---	33.61	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.



Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 13, Transmit Rate:6Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
11650	H	---	16.41	---	54.0	---	Ave	---	---
17475	H	---	23.54	---	68.3	---	Peak	---	---
23300	H	---	31.83	---	54.0	---	Ave	---	---
29125	H	---	33.66	---	68.3	---	Peak	---	---
11650	V	---	16.41	---	54.0	---	Ave	---	---
17475	V	---	23.54	---	68.3	---	Peak	---	---
23300	V	---	31.83	---	54.0	---	Ave	---	---
29125	V	---	33.66	---	68.3	---	Peak	---	---

Notes:

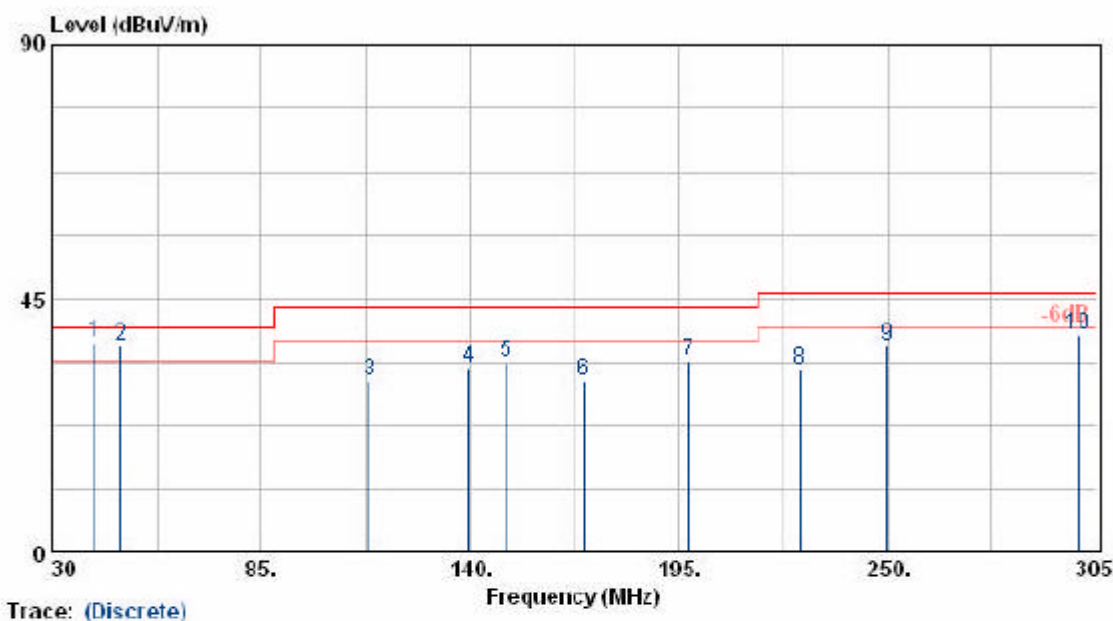
1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.

Antenna type 2:external panel antenna (Model:MA0528-19AN)

```

EUT           : Razor
Power         : 120V
Test Mode     : Transmit/Receive
Operation Channel: 64
Modulation Type : 802.11a
Rate          : 6 Mbps
Memo          : MA0528-19AN(19dBi)

Pol/Phase     : HORIZONTAL
Temperature   : 31 °C
Humidity      : 65 %
Atmospheric Pressure: 1016 mmHg
    
```

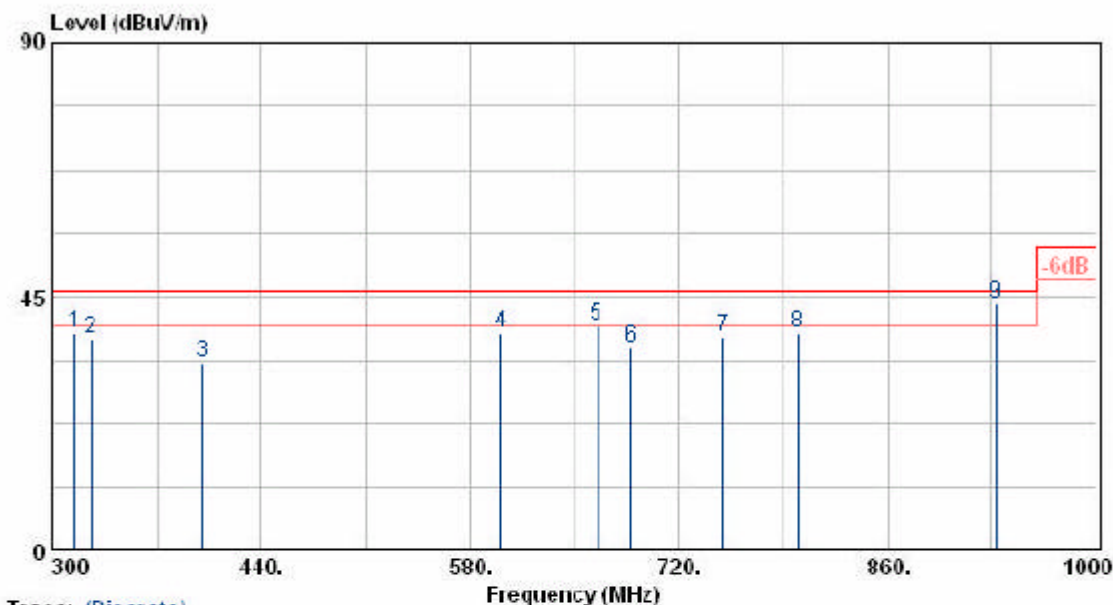


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
40.73	47.05	-9.62	37.43	40.00	-2.57	QP	360	200
48.15	50.63	-13.85	36.78	40.00	-3.22	QP	250	200
113.60	47.61	-17.12	30.49	43.50	-13.01	Peak	200	200
139.73	47.12	-14.47	32.65	43.50	-10.85	Peak	50	200
149.35	48.11	-14.40	33.71	43.50	-9.79	Peak	90	200
169.98	47.17	-16.74	30.43	43.50	-13.07	Peak	50	200
197.48	50.89	-17.02	33.87	43.50	-9.63	Peak	60	200
226.90	48.52	-16.24	32.28	46.00	-13.72	Peak	160	200
249.73	49.82	-13.22	36.60	46.00	-9.40	Peak	360	200
300.05	49.78	-11.10	38.68	46.00	-7.32	Peak	40	200

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	: Razor	Pol/Phase	: HORIZONTAL
Power	: 120V	Temperature	: 31 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 64	Atmospheric Pressure	: 1016 mmHg
Modulation Type	: 002.11a		
Rate	: 6 Mbps		
Memo	: MA0528-19AM (19dBi)		



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
315.40	49.31	-10.81	38.51	46.00	-7.49	Peak	96	400
325.90	48.37	-10.63	37.74	46.00	-8.26	Peak	96	400
400.10	41.88	-8.59	33.29	46.00	-12.71	Peak	120	400
600.30	43.14	-4.39	38.75	46.00	-7.25	Peak	200	400
665.40	43.31	-3.41	39.90	46.00	-6.10	Peak	150	400
687.80	38.90	-3.03	35.87	46.00	-10.13	Peak	200	400
749.40	39.03	-1.07	37.95	46.00	-8.05	Peak	100	400
799.80	39.58	-0.86	38.72	46.00	-7.28	Peak	80	400
932.80	41.34	2.39	43.73	46.00	-2.27	QP	96	400

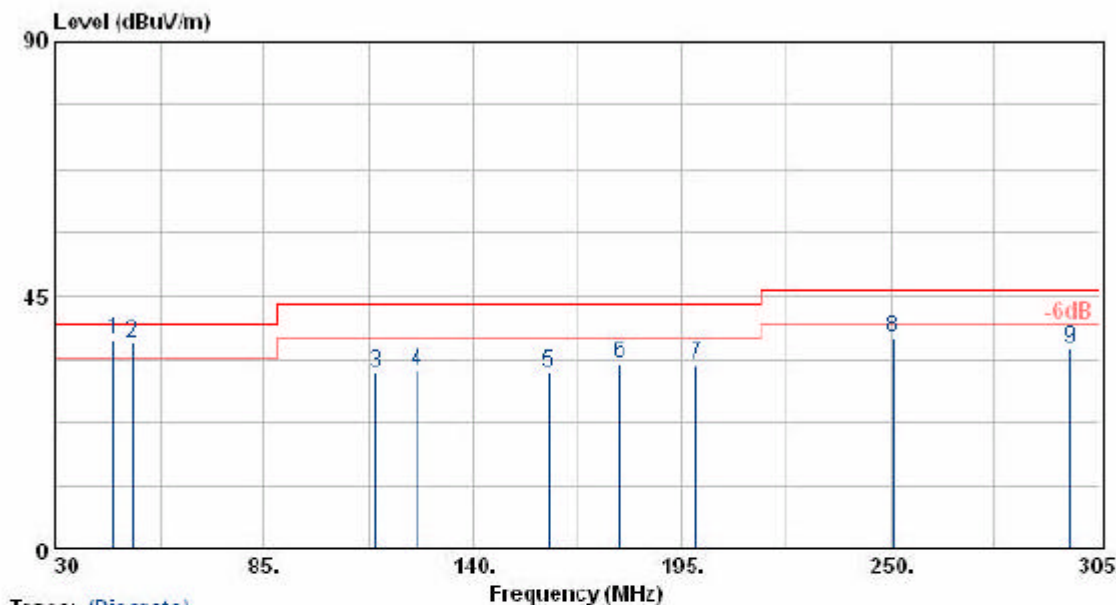
Notes:

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           : Razor
Power         : 120V
Test Mode     : Transmit/Receive
Operation Channel: 64
Modulation Type : 802.11a
Rate          : 6 Mbps
Memo          : MA0528-19A(19dBi)

Pol/Phase     : VERTICAL
Temperature   : 31 °C
Humidity      : 65 %
Atmospheric Pressure: 1016 mmHg
    
```



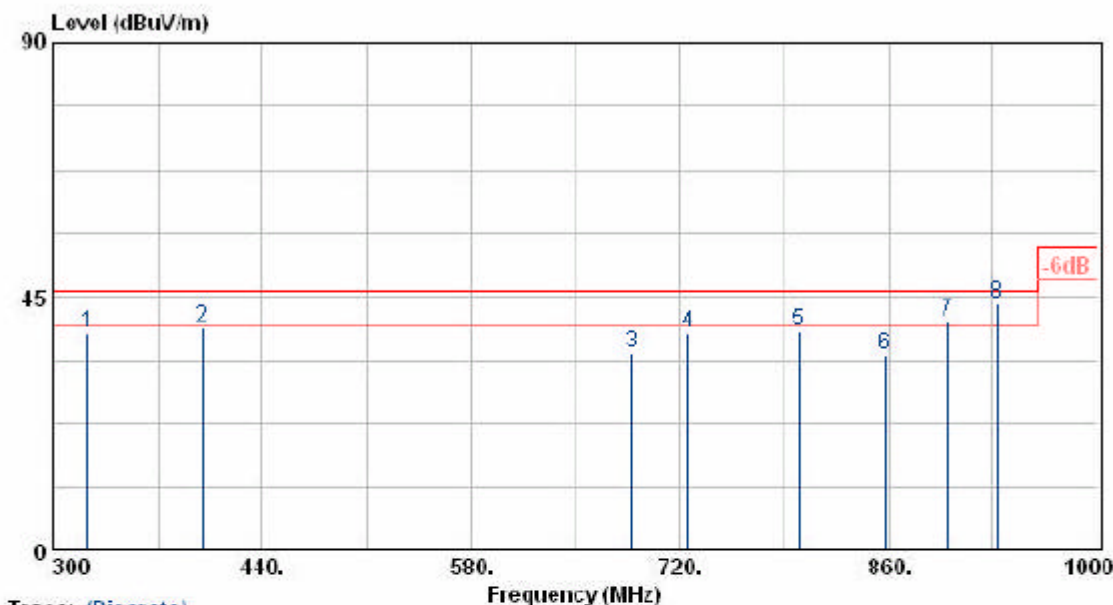
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
45.13	49.91	-12.48	37.43	40.00	-2.57	QP	360	100
50.35	51.67	-14.97	36.70	40.00	-3.30	QP	60	100
114.43	48.56	-17.08	31.48	43.50	-12.02	Peak	60	100
125.43	47.66	-15.87	31.79	43.50	-11.71	Peak	110	100
159.80	47.19	-15.65	31.54	43.50	-11.96	Peak	40	100
178.50	50.21	-17.30	32.92	43.50	-10.58	Peak	250	100
198.85	49.91	-17.02	32.89	43.50	-10.61	Peak	220	100
250.55	50.63	-13.13	37.50	46.00	-8.50	Peak	70	100
297.30	46.92	-11.11	35.81	46.00	-10.19	Peak	360	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	: Razor	Pol/Phase	: VERTICAL
Power	: 120V	Temperature	: 31 °C
Test Mode	: Transmit/Receive	Humidity	: 65 %
Operation Channel	: 64	Atmospheric Pressure	: 1016 mmHg
Modulation Type	: QPSK		
Rate	: 6 Mbps		
Memo	: MA0528-19AM (19dBi)		



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
322.40	49.24	-10.66	38.58	46.00	-7.42	Peak	90	300
399.40	48.07	-8.61	39.46	46.00	-6.54	Peak	350	300
687.80	38.17	-3.03	35.14	46.00	-10.86	Peak	60	300
724.90	40.76	-1.99	38.77	46.00	-7.23	Peak	290	300
799.80	39.73	-0.86	38.87	46.00	-7.13	Peak	90	300
857.90	34.28	0.46	34.74	46.00	-11.26	Peak	200	300
899.90	39.50	1.24	40.73	46.00	-5.27	QP	200	300
932.80	41.32	2.39	43.71	46.00	-2.29	QP	350	300

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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 01, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
10360	H	---	14.93	---	68.3	---	Peak	---	---
15540	H	---	16.44	---	54.0	---	Ave	---	---
20720	H	---	28.10	---	54.0	---	Ave	---	---
25900	H	---	31.67	---	68.3	---	Peak	---	---
4830	V	-55.21	7.38	-62.59	74.0	-11.41	Peak	320	1.0
4830	V	-44.33	7.38	-51.71	54.0	-2.29	Ave	320	1.0
10360	V	---	14.93	---	68.3	---	Peak	---	---
15540	V	---	16.44	---	54.0	---	Ave	---	---
20720	V	---	28.10	---	54.0	---	Ave	---	---
25900	V	---	31.67	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 04, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
10480	H	---	15.27	---	68.3	---	Peak	---	---
15720	H	---	16.04	---	54.0	---	Ave	---	---
20960	H	---	28.67	---	54.0	---	Ave	---	---
26200	H	---	32.07	---	68.3	---	Peak	---	---
4830	V	55.37	7.38	62.75	74.0	-11.25	Peak	320	1.0
4830	V	44.15	7.38	51.53	54.0	-2.47	Ave	320	1.0
10480	V	---	15.27	---	68.3	---	Peak	---	---
15720	V	---	16.04	---	54.0	---	Ave	---	---
20960	V	---	28.67	---	54.0	---	Ave	---	---
26200	V	---	32.07	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 05, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
10520	H	---	15.33	---	68.3	---	Peak	---	---
15780	H	---	15.91	---	54.0	---	Ave	---	---
21040	H	---	28.90	---	54.0	---	Ave	---	---
26300	H	---	32.23	---	68.3	---	Peak	---	---
4830	V	55.28	7.38	62.66	74.0	-11.34	Peak	320	1.0
4830	V	44.26	7.38	51.64	54.0	-2.36	Ave	320	1.0
10520	V	---	15.33	---	68.3	---	Peak	---	---
15780	V	---	15.91	---	54.0	---	Ave	---	---
21040	V	---	28.90	---	54.0	---	Ave	---	---
26300	V	---	32.23	---	68.36	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.



Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 08, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
10640	H	---	15.36	---	54.0	---	Ave	---	---
15960	H	---	15.41	---	54.0	---	Ave	---	---
21280	H	---	29.75	---	54.0	---	Ave	---	---
26600	H	---	32.52	---	68.3	---	Peak	---	---
4830	V	55.19	7.38	62.57	74.0	-11.43	Peak	320	1.0
4830	V	44.20	7.38	51.58	54.0	-2.42	Ave	320	1.0
10640	V	---	15.36	---	54.0	---	Ave	---	---
15960	V	---	15.41	---	54.0	---	Ave	---	---
21280	V	---	29.75	---	54.0	---	Ave	---	---
26600	V	---	32.52	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 09, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
11490	H	---	16.54	---	54.0	---	Ave	---	---
17235	H	---	21.99	---	68.3	---	Peak	---	---
22980	H	---	31.49	---	54.0	---	Ave	---	---
28725	H	---	33.65	---	68.3	---	Peak	---	---
4830	V	55.35	7.38	52.73	74.0	-11.27	Peak	320	1.0
4830	V	44.26	7.38	51.64	54.0	-2.36	Ave	320	1.0
11490	V	---	16.54	---	54.0	---	Ave	---	---
17235	V	---	21.99	---	68.3	---	Peak	---	---
22980	V	---	31.49	---	54.0	---	Ave	---	---
28725	V	---	33.65	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 11, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
11570	H	---	16.49	---	54.0	---	Ave	---	---
17355	H	---	22.77	---	68.3	---	Peak	---	---
23140	H	---	31.62	---	54.0	---	Ave	---	---
28925	H	---	33.61	---	68.3	---	Peak	---	---
4830	V	55.30	7.38	62.68	74.0	-11.32	Peak	320	1.0
4830	V	44.26	7.38	51.64	54.0	-2.36	Ave	320	1.0
11570	V	---	16.49	---	54.0	---	Ave	---	---
17355	V	---	22.77	---	68.3	---	Peak	---	---
23140	V	---	31.62	---	54.0	---	Ave	---	---
28925	V	---	33.61	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.

Emission frequencies 1~40 GHz

Test Mode: Normal, Channel 13, Transmit Rate:6 Mbps

Test Date: Jul. 12, 2005 Temperature: 28 Humidity: 70% Atmospheric pressure: 1022mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBUV)	Corrected Factor (dB)	Result@3m (dBUV/m)	Limit@3m (dBUV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
11650	H	---	16.41	---	54.0	---	Ave	---	---
17475	H	---	23.54	---	68.3	---	Peak	---	---
23300	H	---	31.83	---	54.0	---	Ave	---	---
29125	H	---	33.66	---	68.3	---	Peak	---	---
4830	V	55.26	7.38	62.64	74.0	-11.36	Peak	320	1.0
4830	V	44.16	7.38	51.54	54.0	-2.46	Ave	320	1.0
11650	V	---	16.41	---	54.0	---	Ave	---	---
17475	V	---	23.54	---	68.3	---	Peak	---	---
23300	V	---	31.83	---	54.0	---	Ave	---	---
29125	V	---	33.66	---	68.3	---	Peak	---	---

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 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz 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.