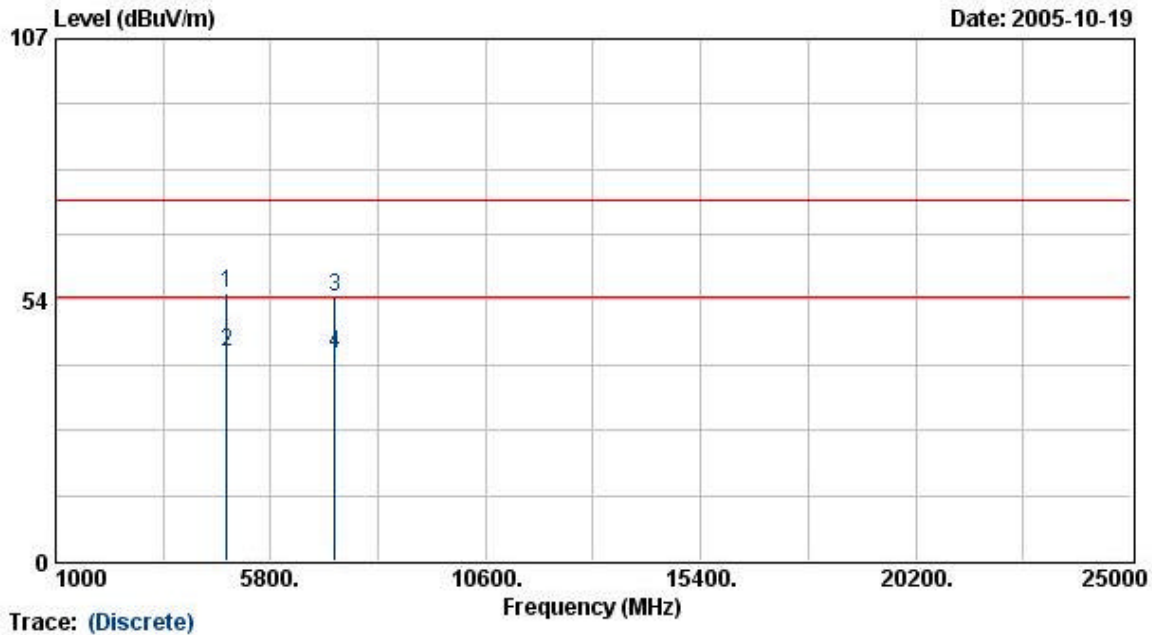


EUT : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 1
 Modulation Type : 802.11g
 Rate : 24 Mbps
 Memo : ADS18B-W

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



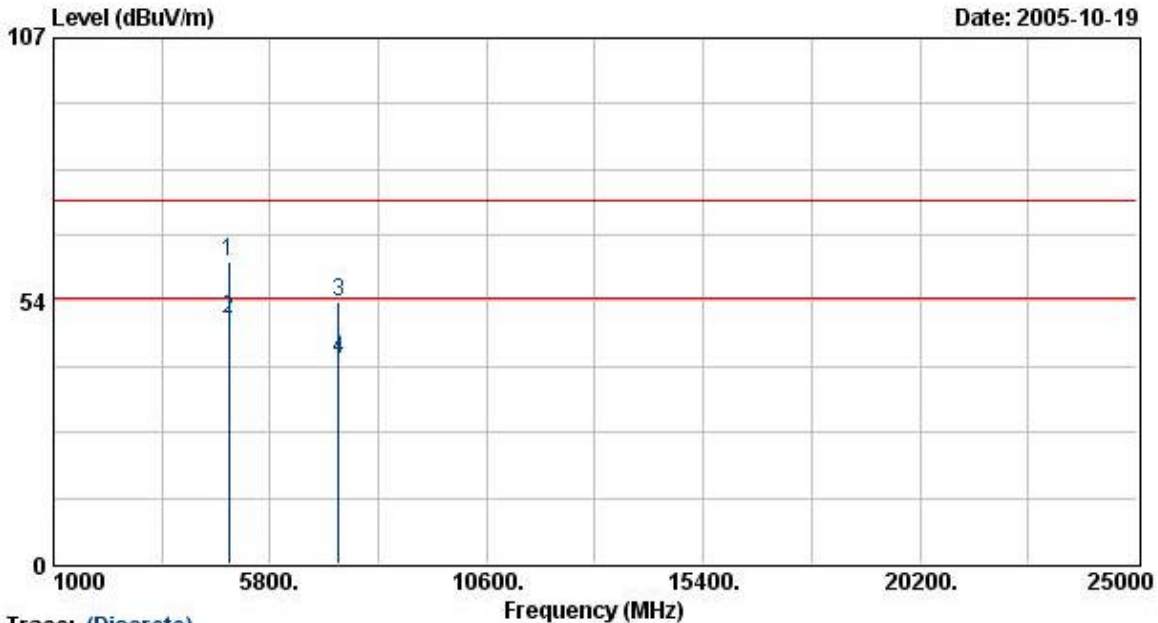
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4830.24	47.36	7.38	54.75	74.00	-19.25	Peak	171	100
4830.24	35.57	7.38	42.96	54.00	-11.04	Average	171	100
7232.42	42.99	11.05	54.04	74.00	-19.96	Peak	154	100
7232.42	31.25	11.05	42.30	54.00	-11.70	Average	154	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 6
 Modulation Type : 802.11g
 Rate : 24 Mbps
 Memo : ADS18B-W

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



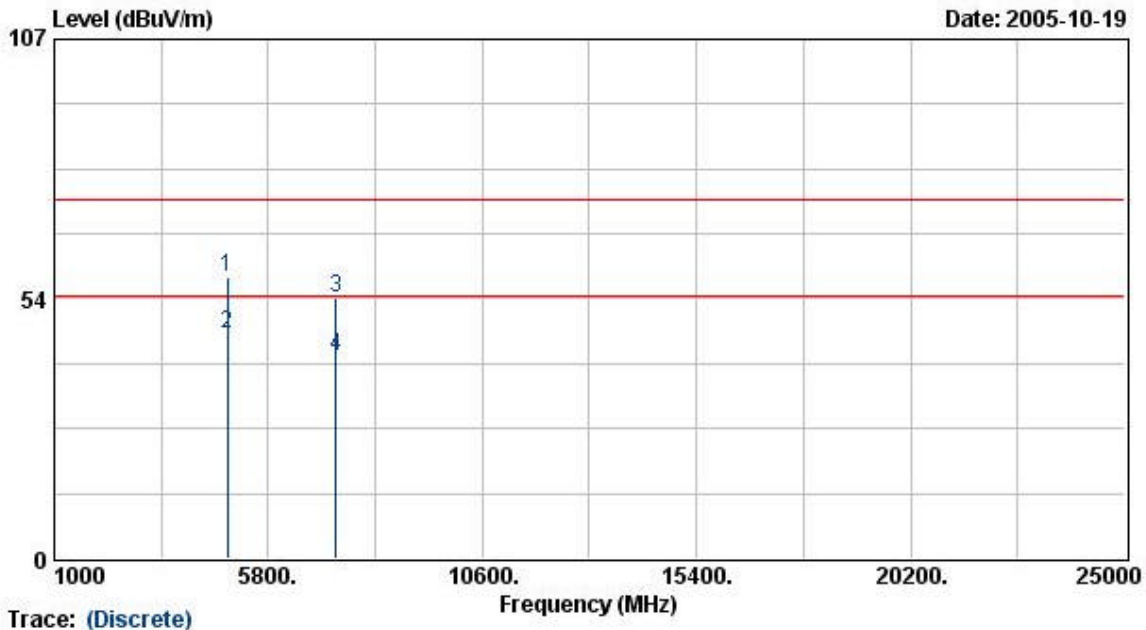
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4875.23	53.32	8.32	61.64	74.00	-12.36	Peak	138	100
4875.23	41.58	8.32	49.90	54.00	-4.10	Average	138	100
7311.72	41.14	12.05	53.20	74.00	-20.80	Peak	166	100
7311.72	29.43	12.05	41.48	54.00	-12.52	Average	166	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11g
 Rate : 24 Mbps
 Memo : ADS18B-W

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1020 mmHg



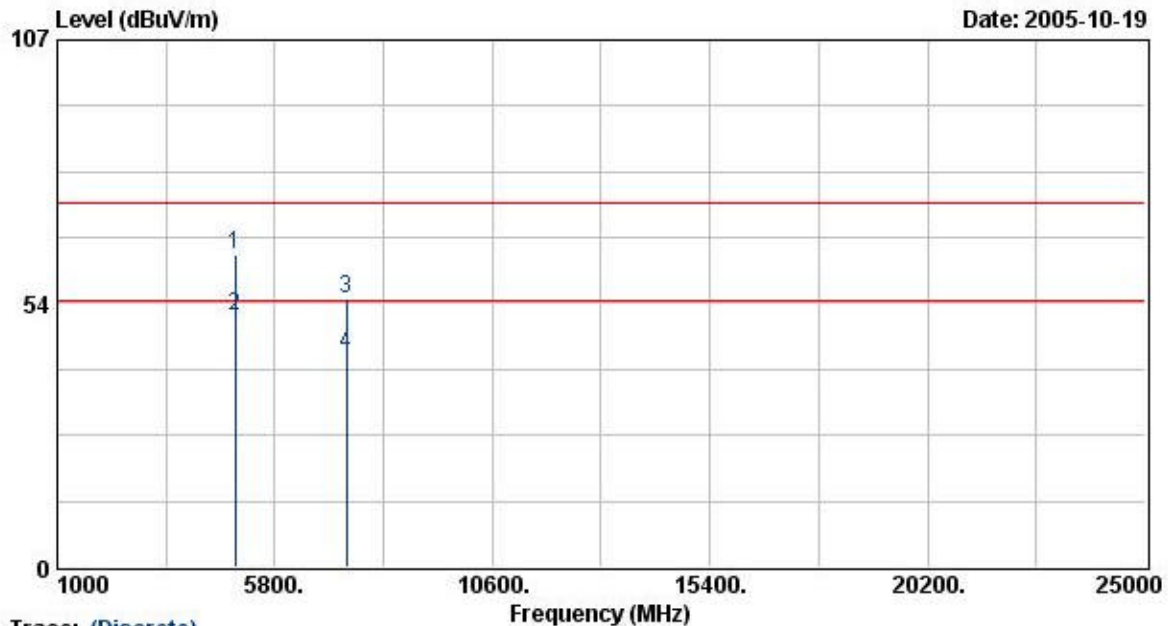
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4875.10	50.33	7.55	57.87	74.00	-16.13	Peak	170	100
4875.10	38.90	7.55	46.44	54.00	-7.56	Average	170	100
7313.73	42.36	11.14	53.50	74.00	-20.50	Peak	152	100
7313.73	30.50	11.14	41.65	54.00	-12.35	Average	152	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 11
 Modulation Type : 802.11g
 Rate : 24 Mbps
 Memo : ADS18B-W

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



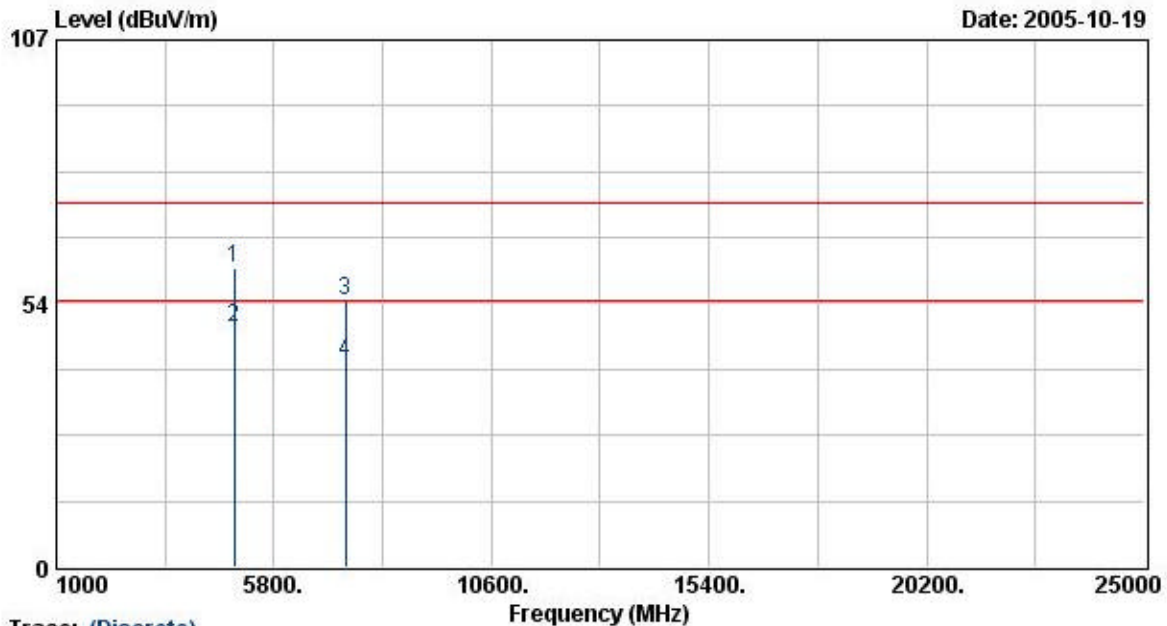
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4922.97	54.75	8.50	63.26	74.00	-10.74	Peak	140	100
4922.97	42.39	8.50	50.89	54.00	-3.11	Average	140	100
7386.11	42.10	12.21	54.31	74.00	-19.69	Peak	164	100
7386.11	30.98	12.21	43.19	54.00	-10.81	Average	164	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 11
 Modulation Type : 802.11g
 Rate : 24 Mbps
 Memo : ADS18B-W

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



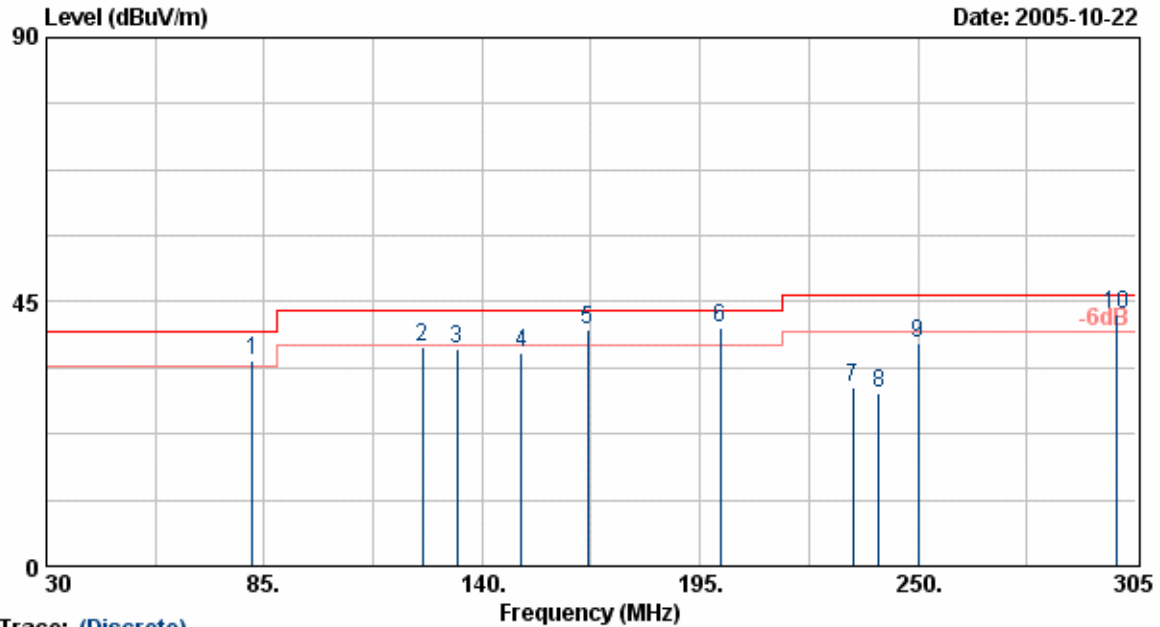
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4925.55	52.89	7.73	60.61	74.00	-13.39	Peak	171	100
4925.55	40.89	7.73	48.62	54.00	-5.38	Average	171	100
7385.97	42.97	11.22	54.19	74.00	-19.81	Peak	150	100
7385.97	30.40	11.22	41.62	54.00	-12.38	Average	150	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 6
 Modulation Type : 802.11sg
 Rate : 108 Mbps
 Memo : AD18B-W

Pol/Phase : HORIZONTAL
 Temperature : 22 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



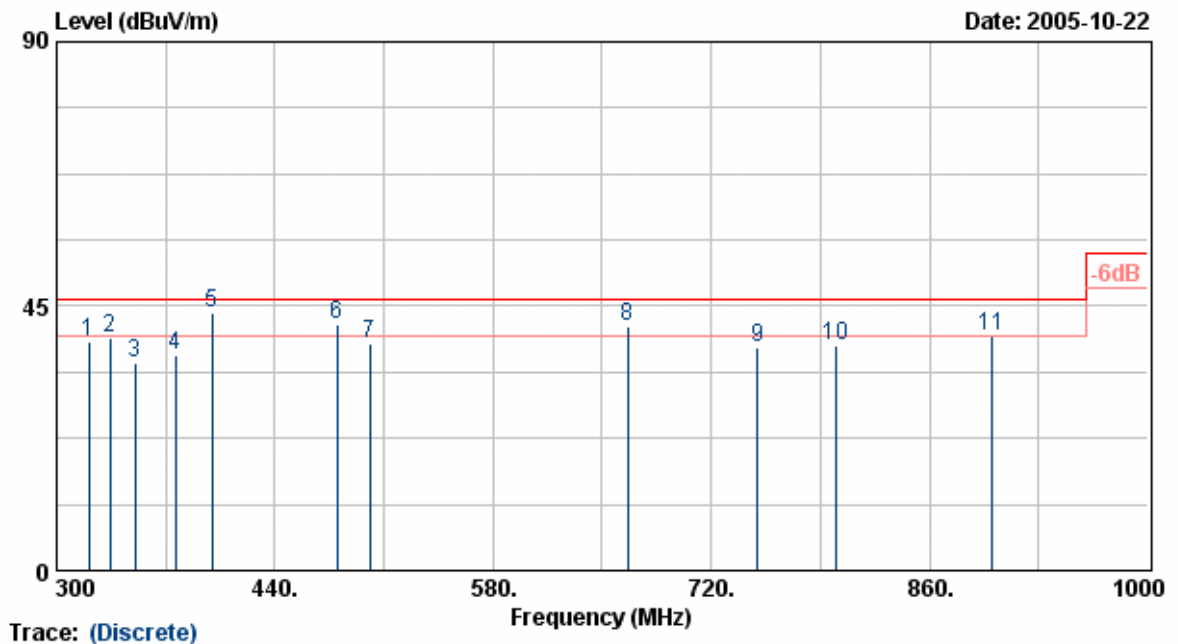
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
82.05	52.52	-17.58	34.94	40.00	-5.06	QP	0	100
125.05	53.38	-15.94	37.44	43.50	-6.06	Peak	0	100
133.57	51.84	-14.93	36.91	43.50	-6.59	Peak	0	100
150.02	50.89	-14.43	36.46	43.50	-7.04	Peak	40	100
166.68	56.49	-16.36	40.13	43.50	-3.37	QP	40	100
200.07	57.57	-17.07	40.50	43.50	-3.00	Peak	250	100
233.47	46.27	-15.87	30.41	46.00	-15.59	Peak	250	100
240.05	44.75	-15.33	29.42	46.00	-16.58	Peak	330	100
250.00	51.22	-13.30	37.92	46.00	-8.08	Peak	330	100
299.98	54.20	-11.32	42.88	46.00	-3.12	QP	30	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11sg
 Rate : 108 Mbps
 Memo : AD18B-W

Pol/Phase : HORIZONTAL
 Temperature : 22 °C
 Humidity : 70 %
 Atmospheric Pressure : 1020 mmHg



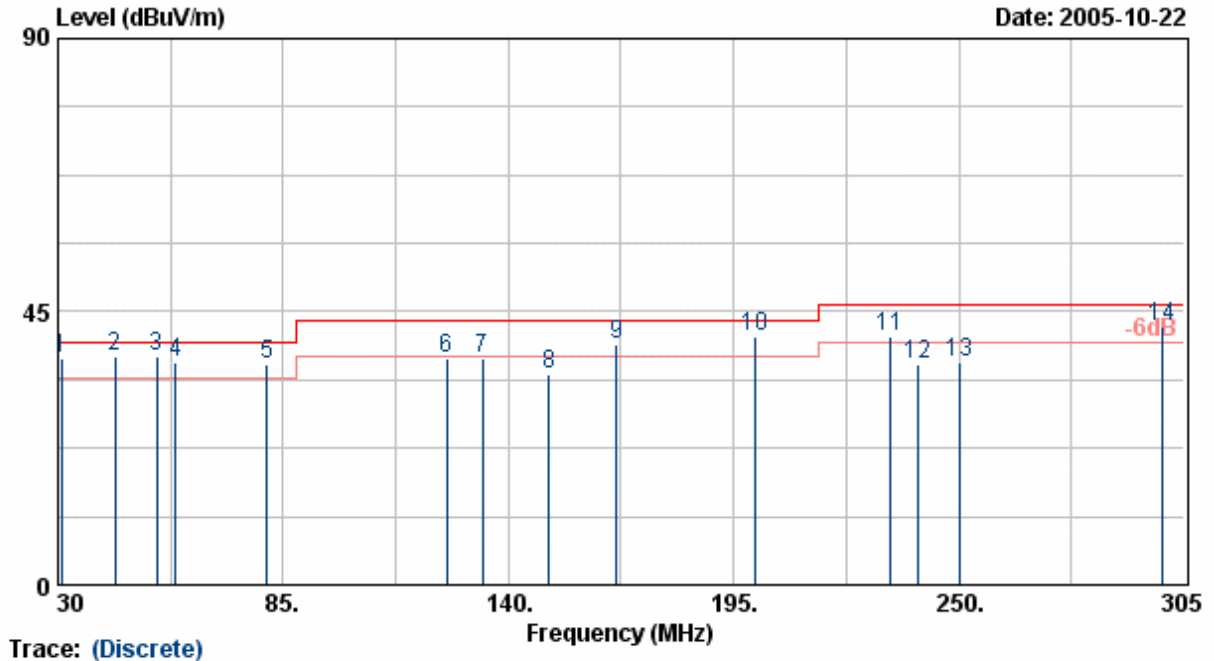
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
320.38	49.78	-10.91	38.87	46.00	-7.13	Peak	60	100
334.42	50.41	-10.72	39.69	46.00	-6.31	Peak	60	100
350.05	45.92	-10.44	35.48	46.00	-10.52	Peak	60	100
376.30	45.99	-9.49	36.50	46.00	-9.50	Peak	210	100
399.90	52.78	-8.88	43.90	46.00	-2.10	QP	210	100
479.90	49.59	-7.79	41.80	46.00	-4.20	QP	210	100
500.90	45.55	-6.95	38.60	46.00	-7.40	Peak	150	100
666.66	45.19	-3.69	41.50	46.00	-4.50	QP	80	100
749.40	39.28	-1.44	37.84	46.00	-8.16	Peak	0	100
799.80	39.46	-1.26	38.20	46.00	-7.80	Peak	0	100
899.98	38.76	1.04	39.80	46.00	-6.20	Peak	0	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 6
 Modulation Type : 802.11sg
 Rate : 108 Mbps
 Memo : AD18B-W

Pol/Phase : VERTICAL
 Temperature : 22 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



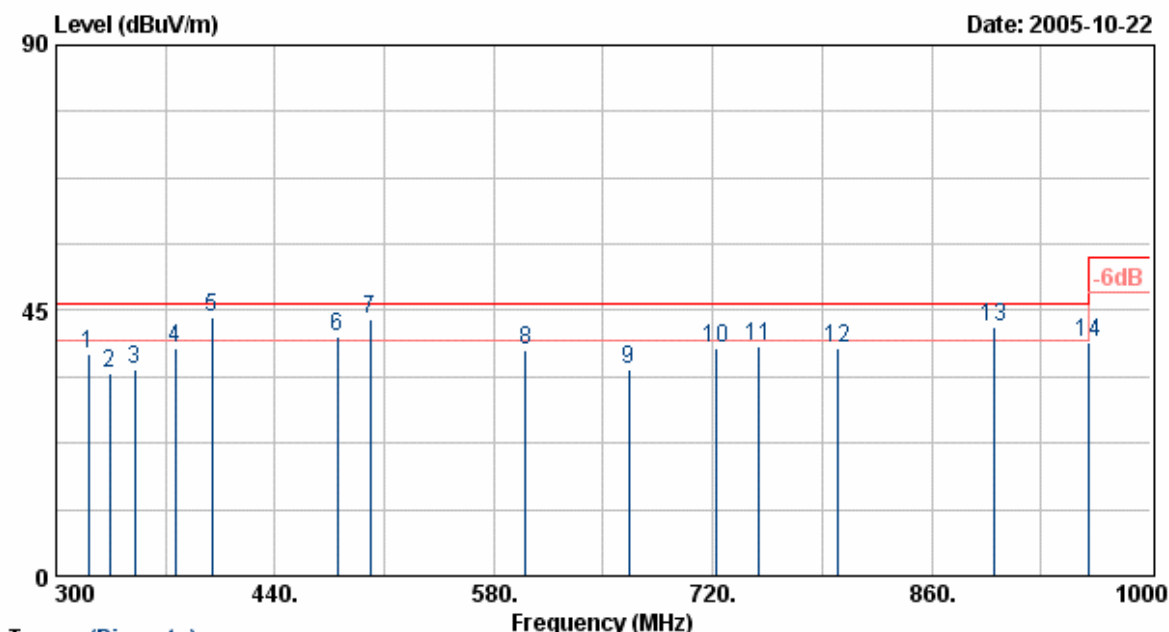
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
30.85	42.06	-4.86	37.20	40.00	-2.80	QP	310	100
43.85	49.10	-11.60	37.50	40.00	-2.50	QP	60	100
54.25	55.26	-17.64	37.62	40.00	-2.38	QP	310	100
58.80	57.58	-20.81	36.77	40.00	-3.23	QP	310	100
81.15	53.95	-17.62	36.33	40.00	-3.67	QP	0	100
125.01	53.37	-15.95	37.42	43.50	-6.08	Peak	0	100
133.68	52.29	-14.92	37.37	43.50	-6.13	Peak	0	100
150.02	49.22	-14.43	34.79	43.50	-8.71	Peak	310	100
166.42	55.81	-16.33	39.48	43.50	-4.02	QP	100	100
200.18	58.15	-17.08	41.07	43.50	-2.43	QP	50	100
233.38	56.87	-15.87	40.99	46.00	-5.01	QP	50	100
240.17	51.76	-15.30	36.46	46.00	-9.54	Peak	0	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11sg
 Rate : 108 Mbps
 Memo : AD18B-W

Pol/Phase : VERTICAL
 Temperature : 22 °C
 Humidity : 70 %
 Atmospheric Pressure : 1020 mmHg

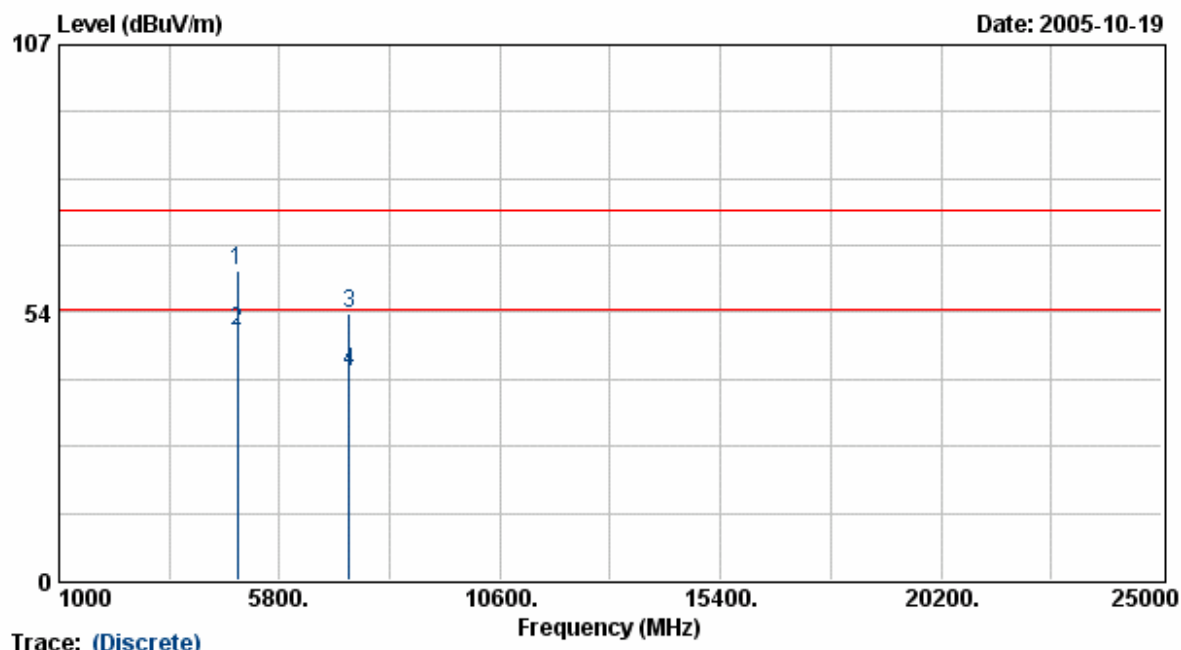


Notes:

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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11sg
 Rate : 108 Mbps
 Memo : AD18B-W

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1020 mmHg



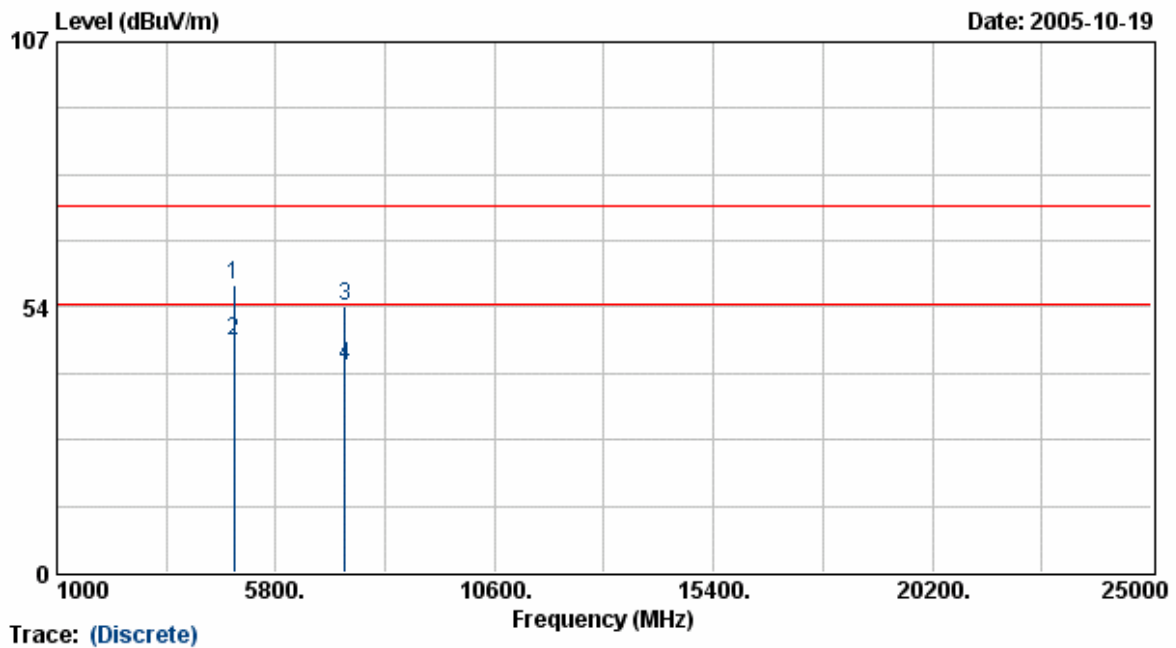
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4875.23	53.35	8.32	61.68	74.00	-12.32	Peak	138	100
4875.23	41.59	8.32	49.91	54.00	-4.09	Average	138	100
7311.72	41.44	12.05	53.49	74.00	-20.51	Peak	166	100
7311.72	29.46	12.05	41.51	54.00	-12.49	Average	166	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 : DG834PN
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 6
 Modulation Type : 802.11sg
 Rate : 108 Mbps
 Memo : AD18B-W

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1020 mmHg



Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4875.10	50.36	7.55	57.90	74.00	-16.10	Peak	170	100
4875.10	38.97	7.55	46.51	54.00	-7.49	Average	170	100
7313.73	42.59	11.14	53.73	74.00	-20.27	Peak	152	100
7313.73	30.54	11.14	41.69	54.00	-12.31	Average	152	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



6. 6dB Bandwidth Measurement Data

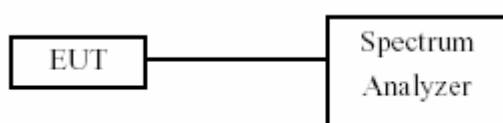
6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

6.2 Test Procedures

1. The transmitter output was connected to the spectrum analyzer.
2. Set RBW of spectrum analyzer to 100 KHz and VBW to 100 KHz.
3. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

6.3 Test Setup Layout



6.4 Measurement equipment

Instrument/Ancillary	Type	Manufacturer	Serial No.	Valid Date.
Spectrum Analyzer	FSP40	R&S	100047	2005/12/28

6.5 Test Result and Data

(1) Modulation Standard: IEEE 802.11b (11Mbps)

Test Date: Oct. 13, 2005 Temperature: 26°C Humidity: 56% Atmospheric pressure: 1016 mmHg

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	11.60
06	2437	11.40
11	2462	11.50

(2) Modulation Standard: IEEE 802.11g (24Mbps)

Test Date: Oct. 13, 2005 Temperature: 26°C Humidity: 56% Atmospheric pressure: 1016 mmHg

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	16.60
06	2437	16.60
11	2462	16.60

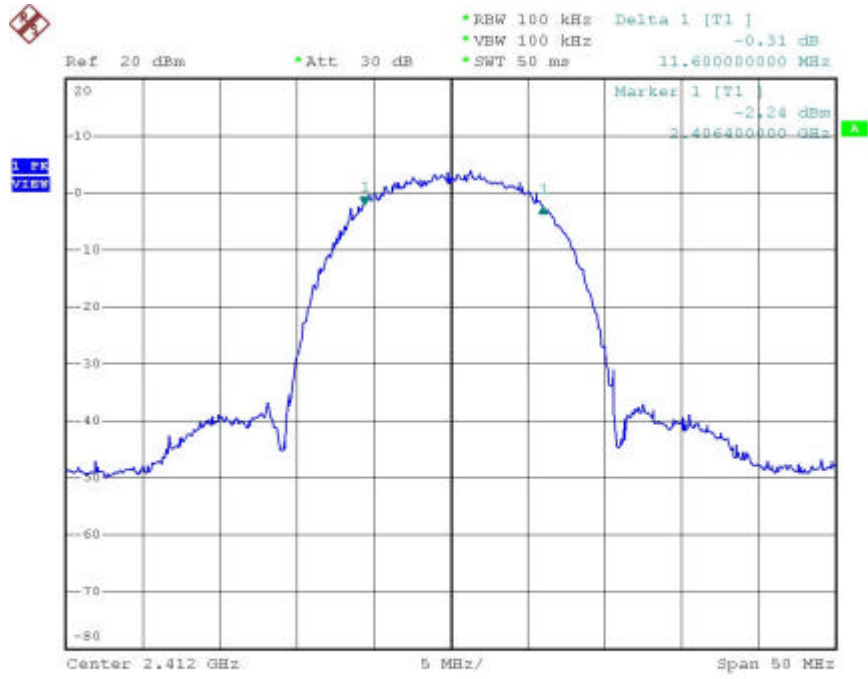
(3) Modulation Standard: IEEE 802.11 Super G (108Mbps)

Test Date: Oct. 27, 2005 Temperature: 25°C Humidity: 69% Atmospheric pressure: 1021 mmHg

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
06	2437	32.80

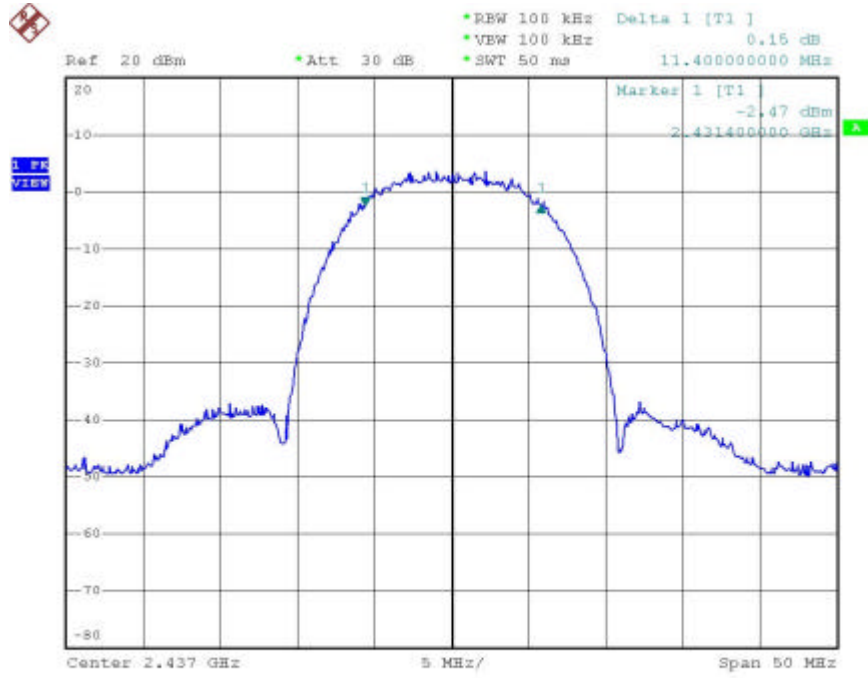
Modulation Standard: 802.11b (11Mbps)

Channel: 01



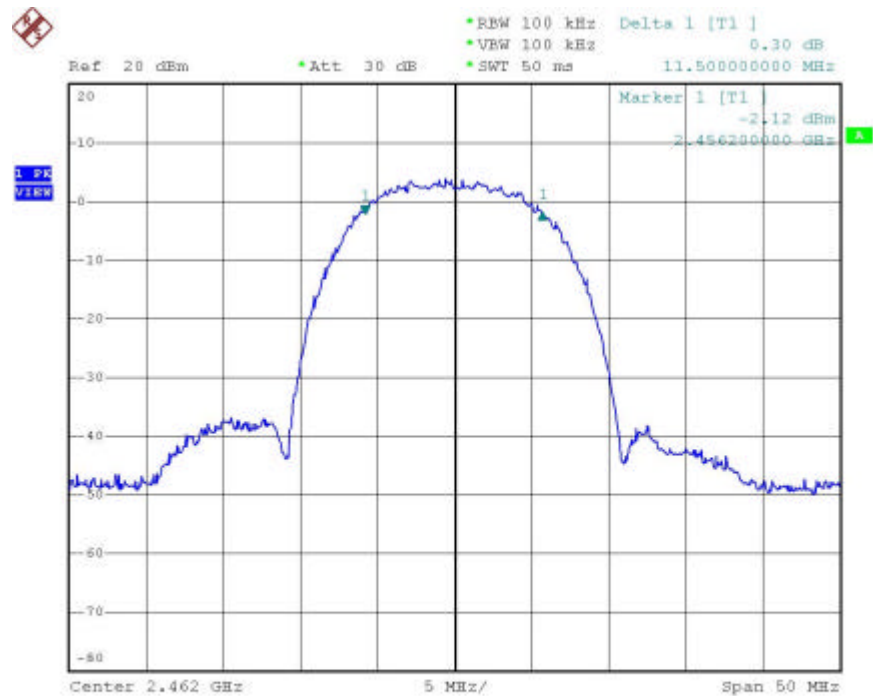
Date: 13.OCT.2005 14:33:52

Channel:06



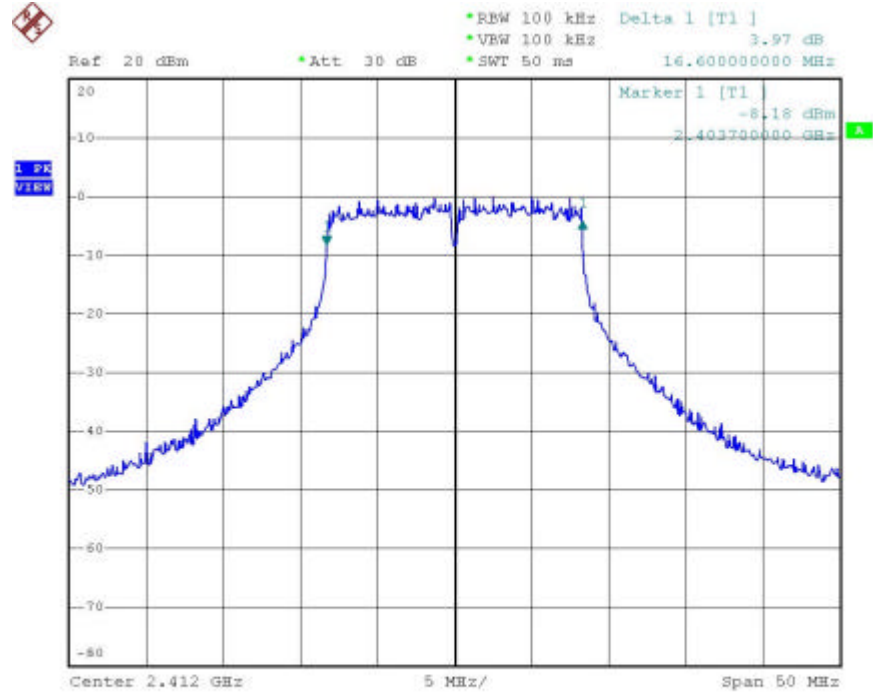
Date: 13.OCT.2005 14:36:09

Channel:11



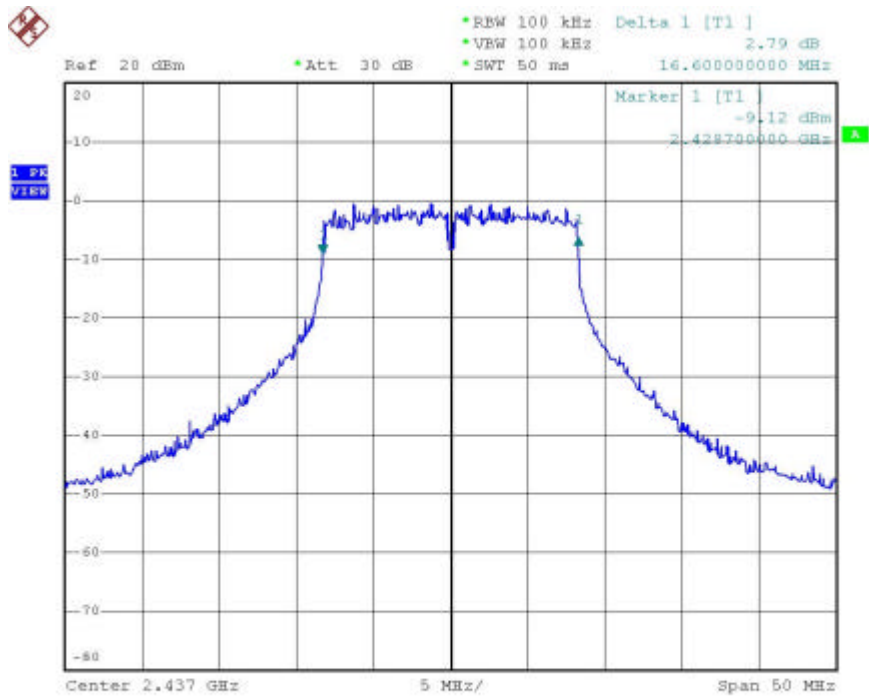
Date: 13.OCT.2005 14:38:09

Modulation Standard:802.11g (54Mbps)
Channel:01



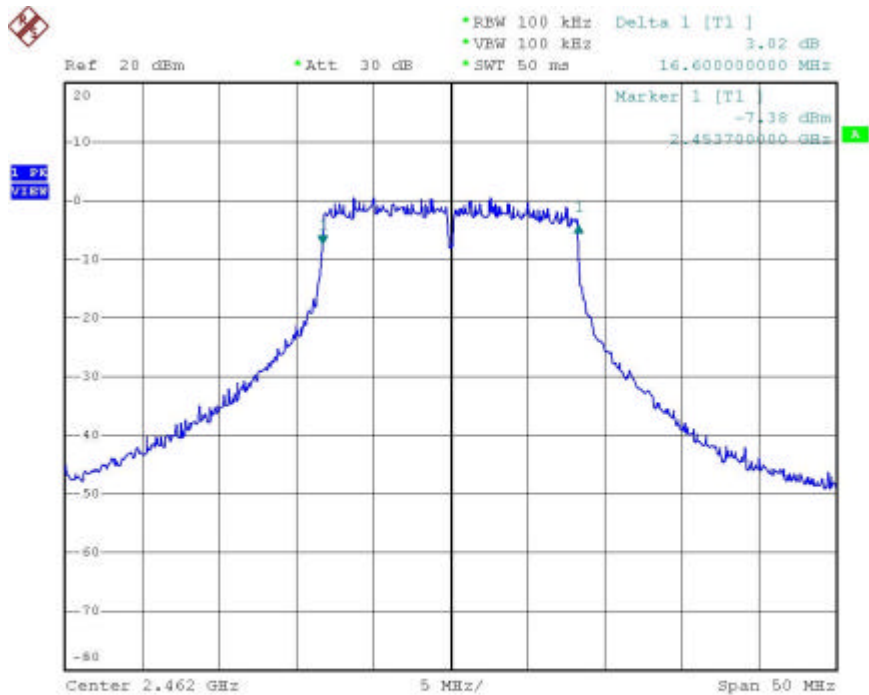
Date: 13.OCT.2005 14:31:46

Channel:06



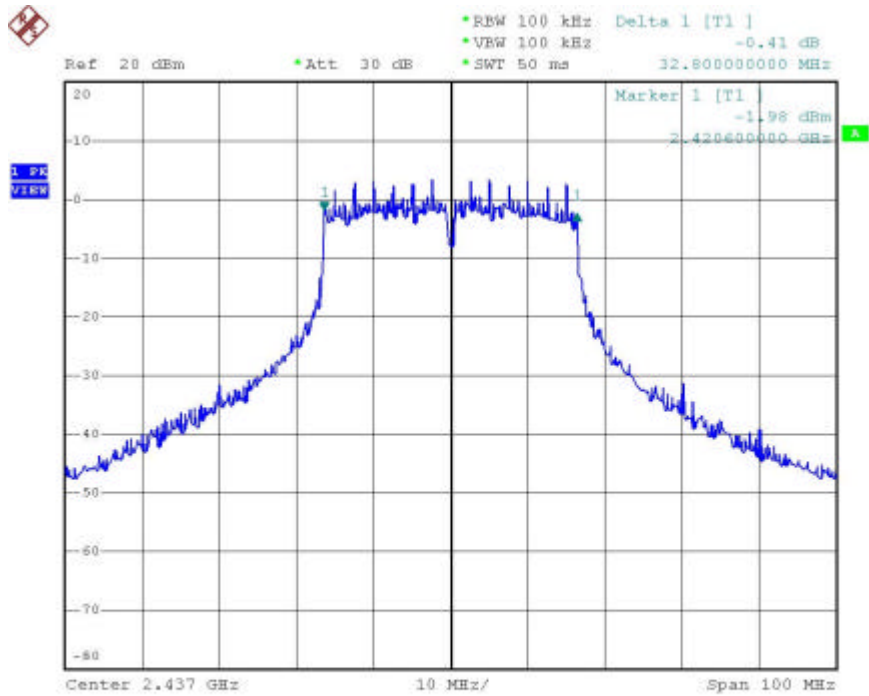
Date: 13.OCT.2005 14:30:35

Channel:11



Date: 13.OCT.2005 14:28:19

Modulation Standard: 802.11 Super G (108Mbps)
Channel: 06



Date: 27.OCT.2005 20:50:02

7. Maximum Peak Output Power

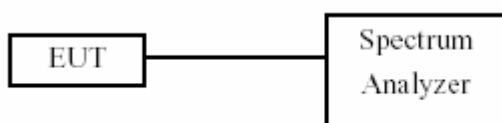
7.1 Test Limit

The Maximum Peak Output Power Measurement is 30dBm.

7.2 Test Procedures

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

7.3 Test Setup Layout



7.4 List of Measuring Equipment Used

Instrument/Ancillary	Type	Manufacturer	Serial No.	Valid Date.
Spectrum Analyzer	FSP40	R&S	100047	2005/12/28

7.5 Test Result and Data

(1) Modulation Standard: IEEE 802.11b (11Mbps)

Test Date: Oct. 21, 2005 Temperature: 25°C Humidity: 60% Atmospheric pressure: 1022 mmHg

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	20.05	101.16
06	2437	20.43	110.41
11	2462	19.71	93.54

(2) Modulation Standard: IEEE 802.11g (24Mbps)

Test Date: Oct. 21, 2005 Temperature: 25°C Humidity: 60% Atmospheric pressure: 1022 mmHg

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	22.31	170.22
06	2437	22.48	177.01
11	2462	21.82	152.06

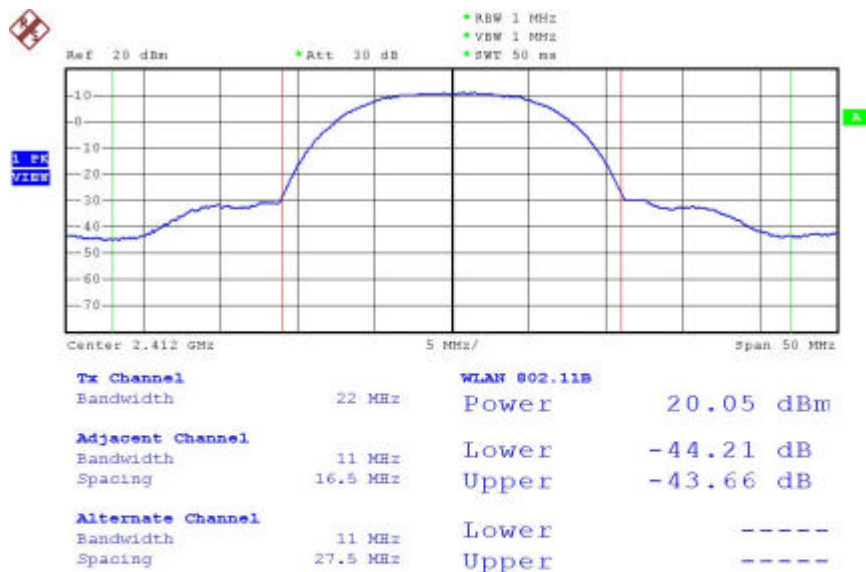
(3) Modulation Standard: IEEE 802.11 Super G (108Mbps)

Test Date: Oct. 27, 2005 Temperature: 25°C Humidity: 69% Atmospheric pressure: 1021 mmHg

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
06	2437	22.09	161.81

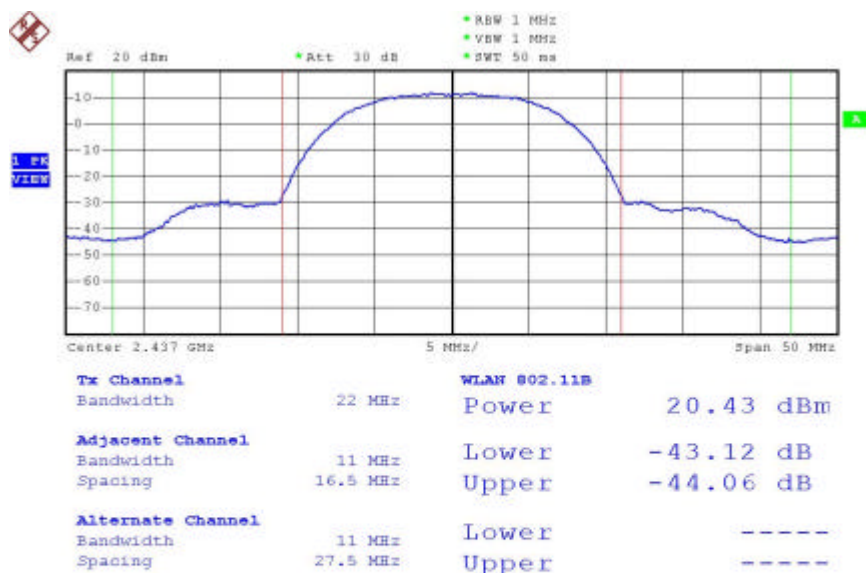
Modulation Standard: 802.11b (11Mbps)

Channel: 01



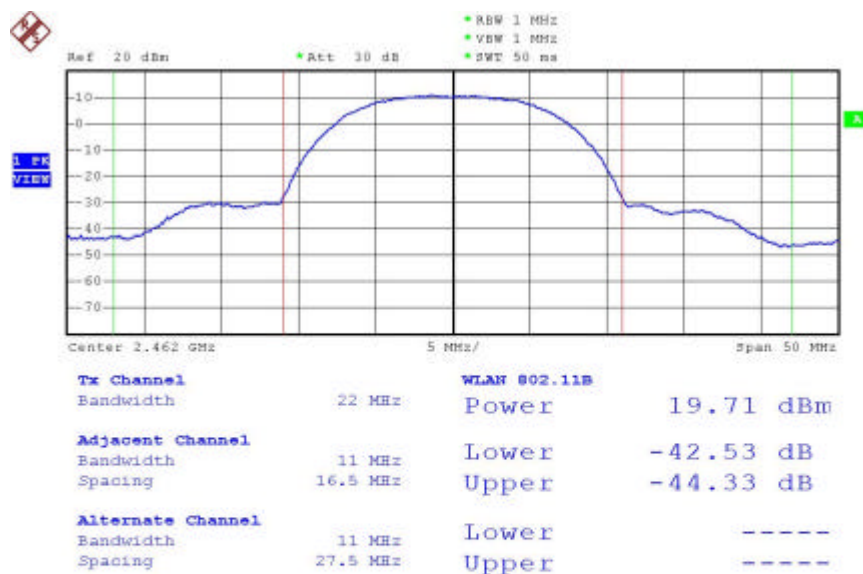
Date: 21.OCT.2005 10:46:11

Channel:06



Date: 21.OCT.2005 10:48:42

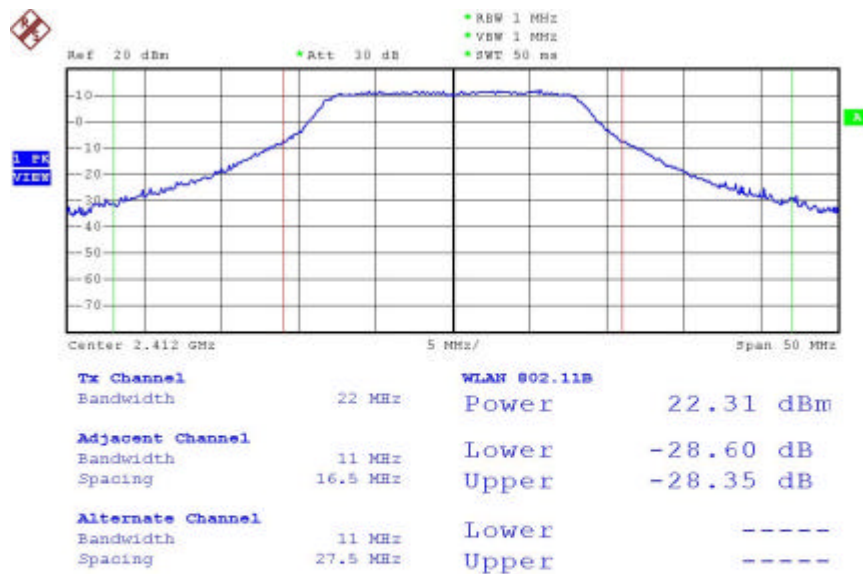
Channel: 11



Date: 21.OCT.2005 10:49:54

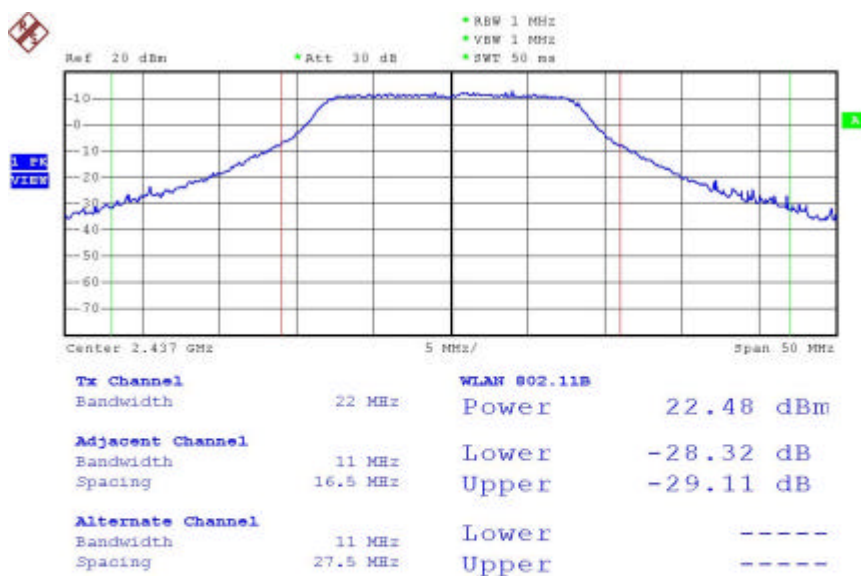
Modulation Standard: 802.11g (54Mbps)

Channel: 01



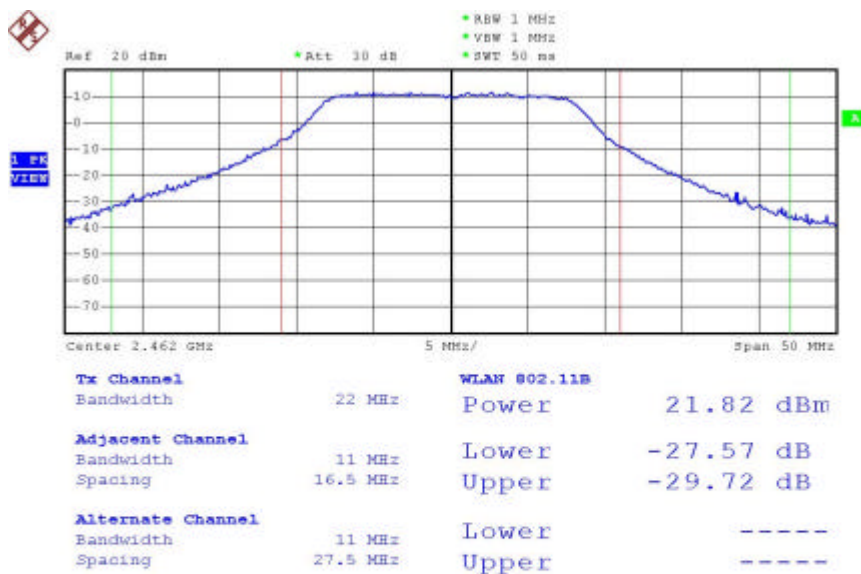
Date: 21.OCT.2005 11:00:59

Channel:06



Date: 21.OCT.2005 10:56:52

Channel:11



Date: 21.OCT.2005 10:59:09