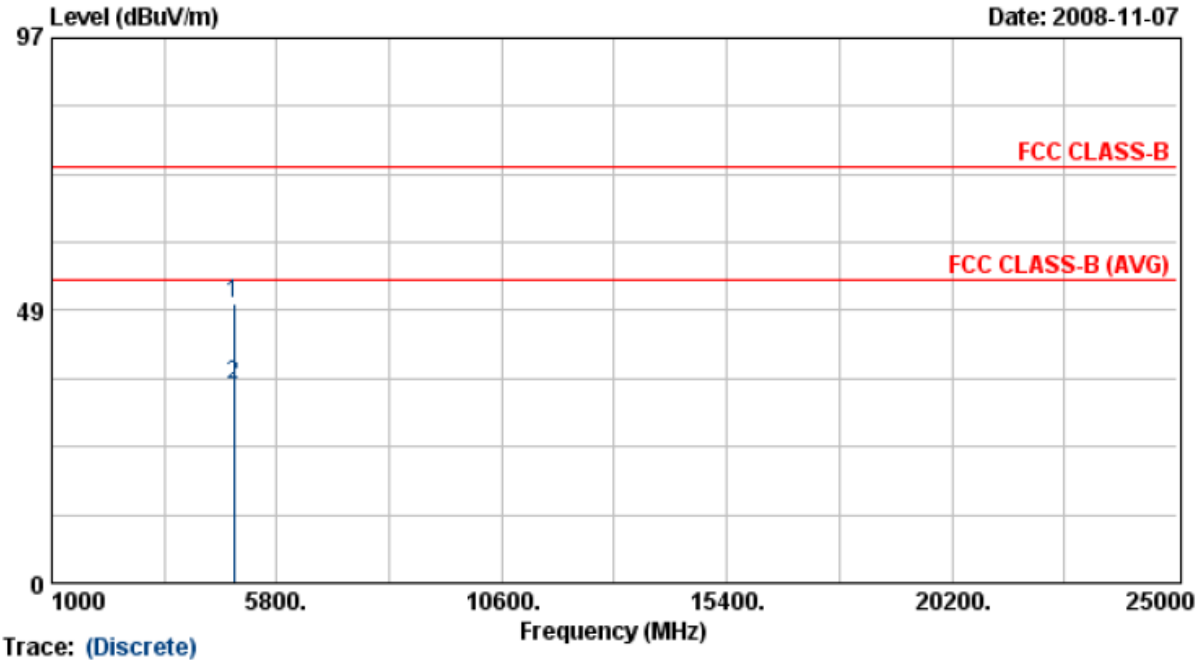
Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 13	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	6	Humidity	:	65 %
Modulation Type	:	802.11g	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	54 Mbps



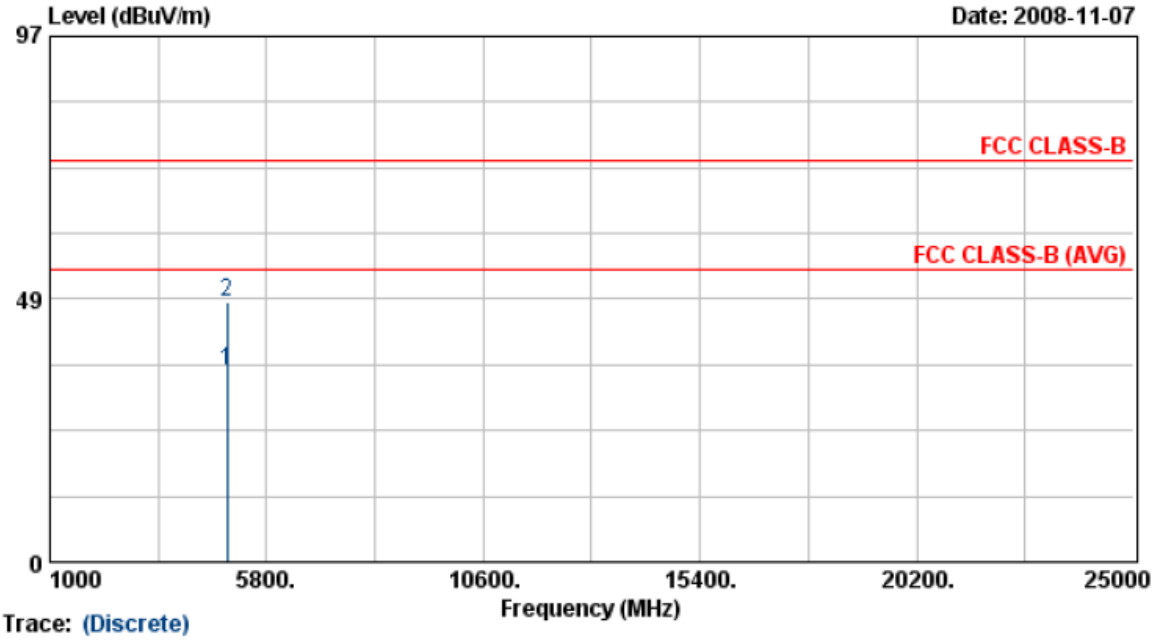
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.53	43.92	5.68	49.60	74.00	-24.40	Peak	116	240
2	4873.60	29.68	5.68	35.36	54.00	-18.64	Average	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 13	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	11	Humidity	:	65 %
Modulation Type	:	802.11g	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	54 Mbps



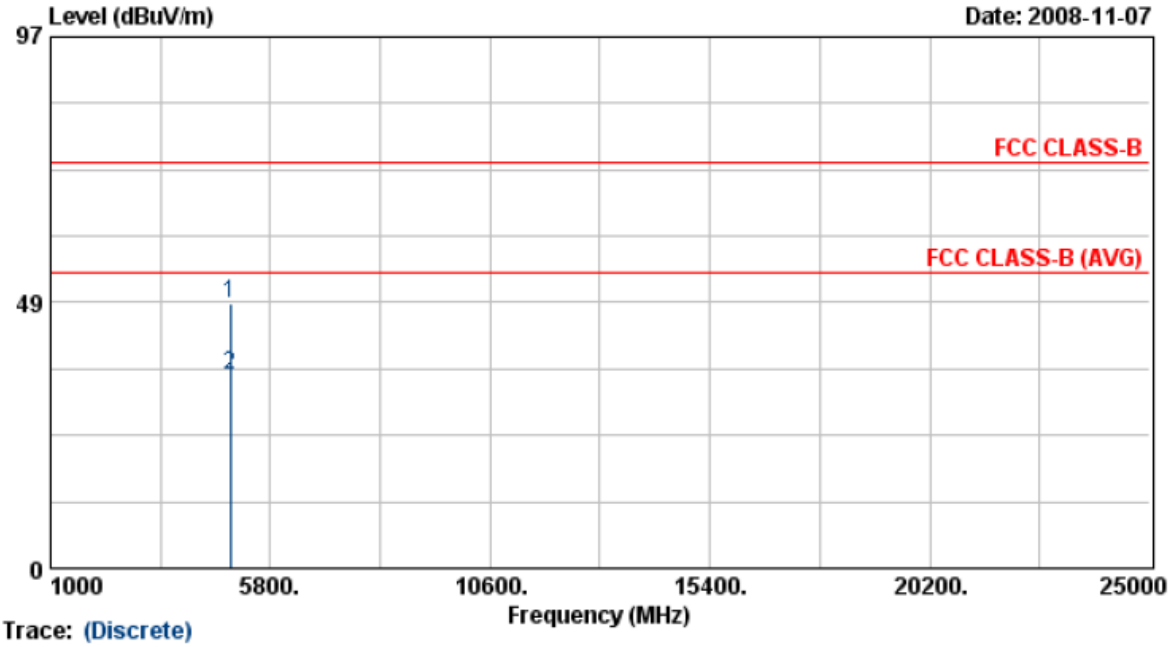
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4920.45	29.47	5.81	35.28	54.00	-18.72	Average	118	240
2	4924.80	42.12	5.82	47.94	74.00	-26.06	Peak	118	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 13	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	11	Humidity	:	65 %
Modulation Type	:	802.11g	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	54 Mbps



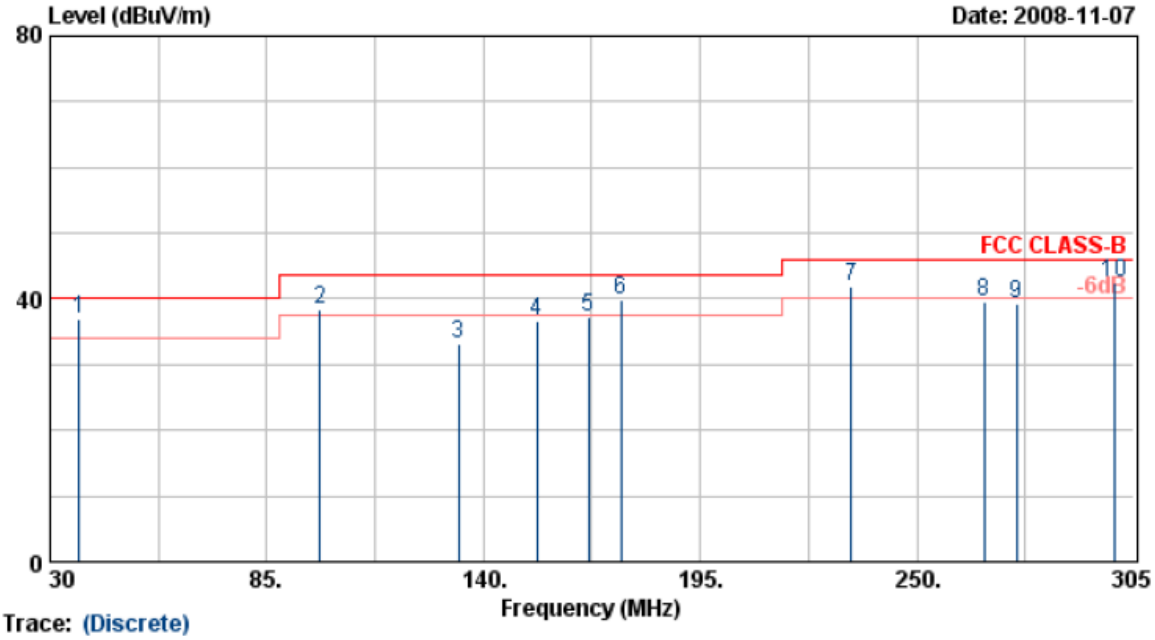
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4922.80	42.43	5.81	48.25	74.00	-25.75	Peak	116	240
2	4923.68	29.53	5.82	35.35	54.00	-18.65	Average	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	1	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



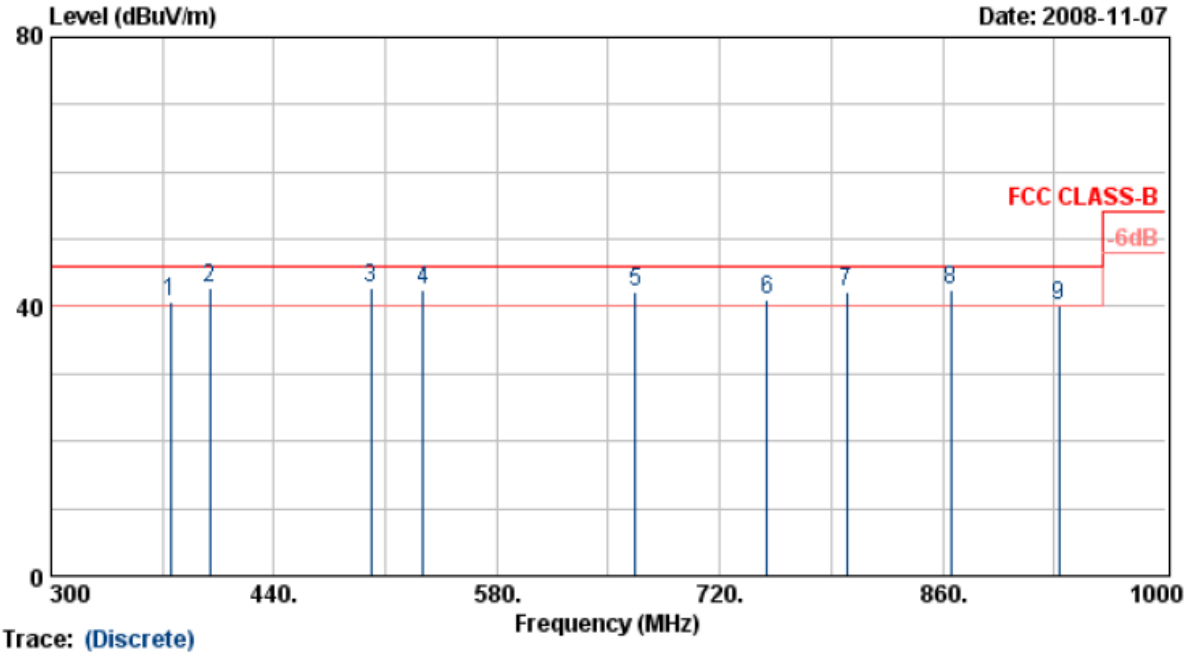
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	37.43	47.02	-10.07	36.96	40.00	-3.04	QP	100	75
2	98.48	53.14	-14.60	38.54	43.50	-4.96	QP	100	77
3	133.68	48.46	-15.29	33.17	43.50	-10.33	Peak	100	144
4	153.48	48.32	-11.79	36.53	43.50	-6.97	Peak	100	74
5	166.68	50.11	-12.91	37.20	43.50	-6.30	Peak	100	360
6	174.93	49.66	-9.79	39.87	43.50	-3.63	QP	100	360
7	233.23	52.52	-10.67	41.84	46.00	-4.16	QP	100	360
8	267.05	48.08	-8.47	39.62	46.00	-6.38	Peak	100	124
9	275.30	46.25	-7.01	39.24	46.00	-6.76	Peak	100	166
10	300.05	51.97	-9.49	42.49	46.00	-3.51	QP	100	167

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	1	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



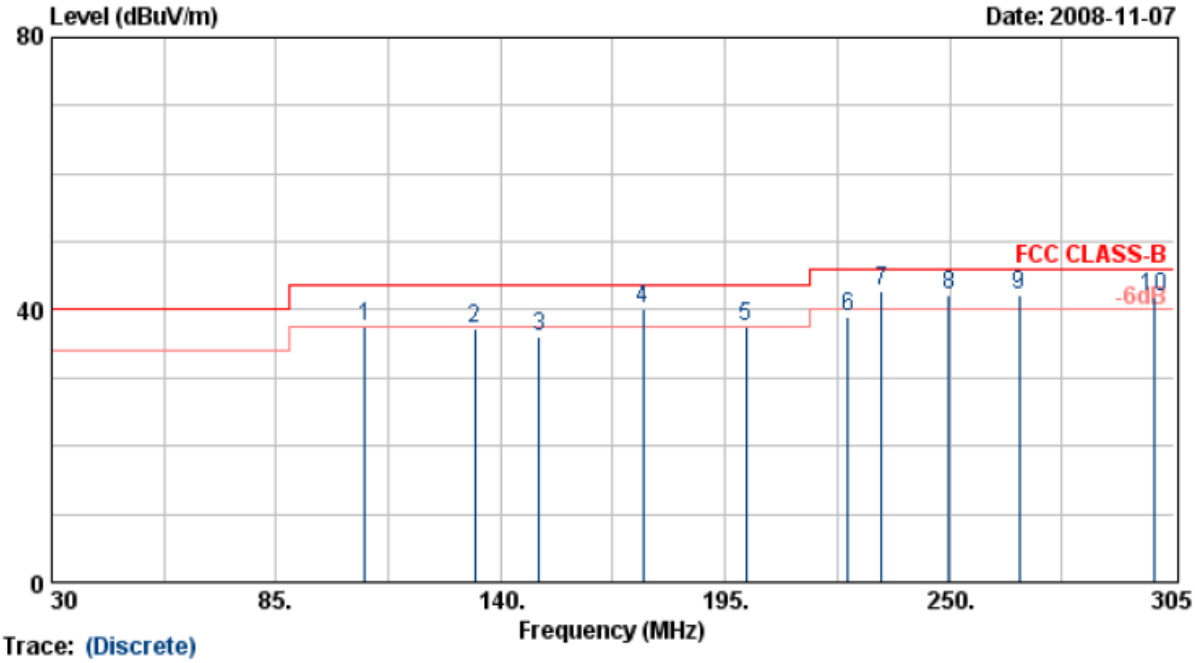
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	374.90	49.55	-8.87	40.68	46.00	-5.32	QP	100	87
2	399.40	51.41	-8.62	42.79	46.00	-3.21	QP	100	87
3	500.90	47.79	-4.89	42.89	46.00	-3.11	QP	100	87
4	533.80	46.40	-3.83	42.57	46.00	-3.43	QP	100	55
5	666.80	45.98	-3.87	42.11	46.00	-3.89	QP	100	360
6	749.40	39.60	1.28	40.88	46.00	-5.12	QP	100	77
7	799.80	45.01	-2.83	42.19	46.00	-3.81	QP	100	99
8	864.90	41.52	0.81	42.33	46.00	-3.67	QP	100	98
9	932.80	41.27	-1.10	40.16	46.00	-5.84	QP	100	360

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	1	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps

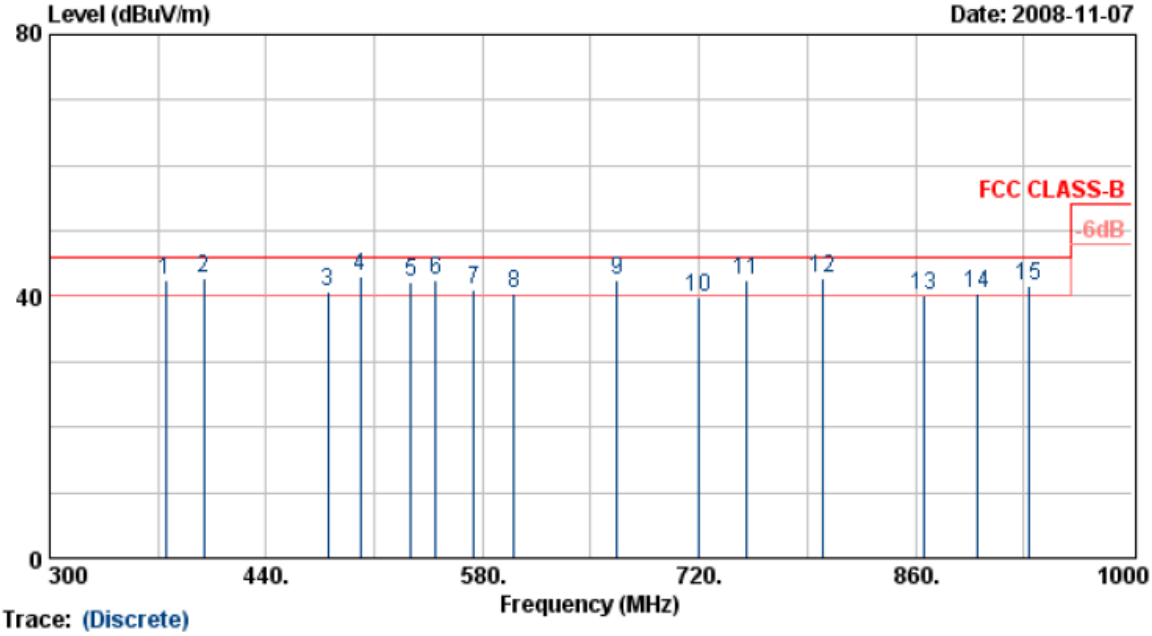


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	106.73	51.27	-13.69	37.57	43.50	-5.93	QP	100	360
2	133.68	52.58	-15.29	37.29	43.50	-6.21	Peak	100	360
3	149.35	48.64	-12.59	36.05	43.50	-7.45	Peak	100	77
4	174.93	50.00	-9.79	40.21	43.50	-3.29	QP	100	74
5	200.23	49.35	-11.71	37.63	43.50	-5.87	QP	100	88
6	224.98	50.98	-12.10	38.89	46.00	-7.11	Peak	100	360
7	233.23	53.30	-10.67	42.63	46.00	-3.37	QP	100	85
8	249.73	55.03	-12.88	42.15	46.00	-3.85	QP	100	360
9	267.05	50.74	-8.47	42.27	46.00	-3.73	Peak	100	79
10	300.05	51.31	-9.49	41.82	46.00	-4.18	QP	100	360

Notes:
1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	1	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



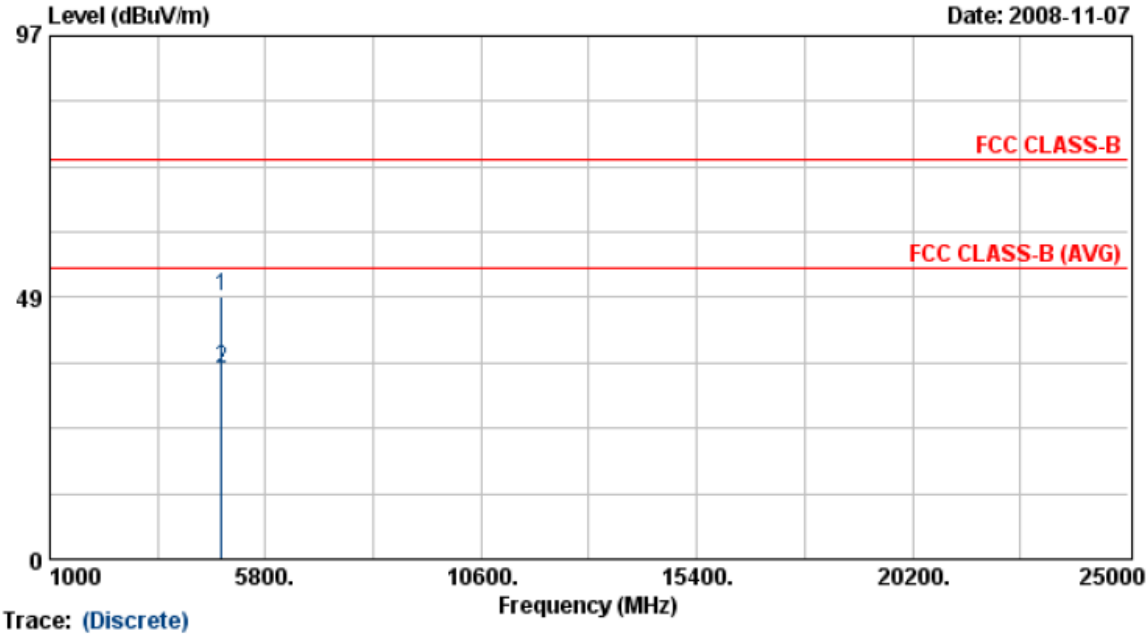
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	374.90	51.48	-8.87	42.61	46.00	-3.39	QP	100	360
2	399.40	51.34	-8.62	42.72	46.00	-3.28	QP	100	144
3	479.90	45.15	-4.50	40.66	46.00	-5.34	QP	100	75
4	500.90	47.81	-4.89	42.92	46.00	-3.08	QP	100	88
5	533.80	46.08	-3.83	42.25	46.00	-3.75	QP	100	98
6	549.90	42.42	-0.02	42.40	46.00	-3.60	QP	100	99
7	574.40	40.67	0.35	41.02	46.00	-4.98	QP	100	155
8	600.30	41.07	-0.49	40.58	46.00	-5.42	QP	100	157
9	666.80	46.45	-3.87	42.57	46.00	-3.43	QP	100	68
10	719.30	37.85	1.92	39.77	46.00	-6.23	Peak	100	144
11	750.10	41.21	1.26	42.47	46.00	-3.53	QP	100	95
12	799.80	45.73	-2.83	42.90	46.00	-3.10	QP	100	99
13	864.90	39.37	0.81	40.18	46.00	-5.82	QP	100	122
14	899.90	39.14	1.29	40.43	46.00	-5.57	QP	100	360
15	932.80	42.84	-1.10	41.74	46.00	-4.26	QP	100	360

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	1	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



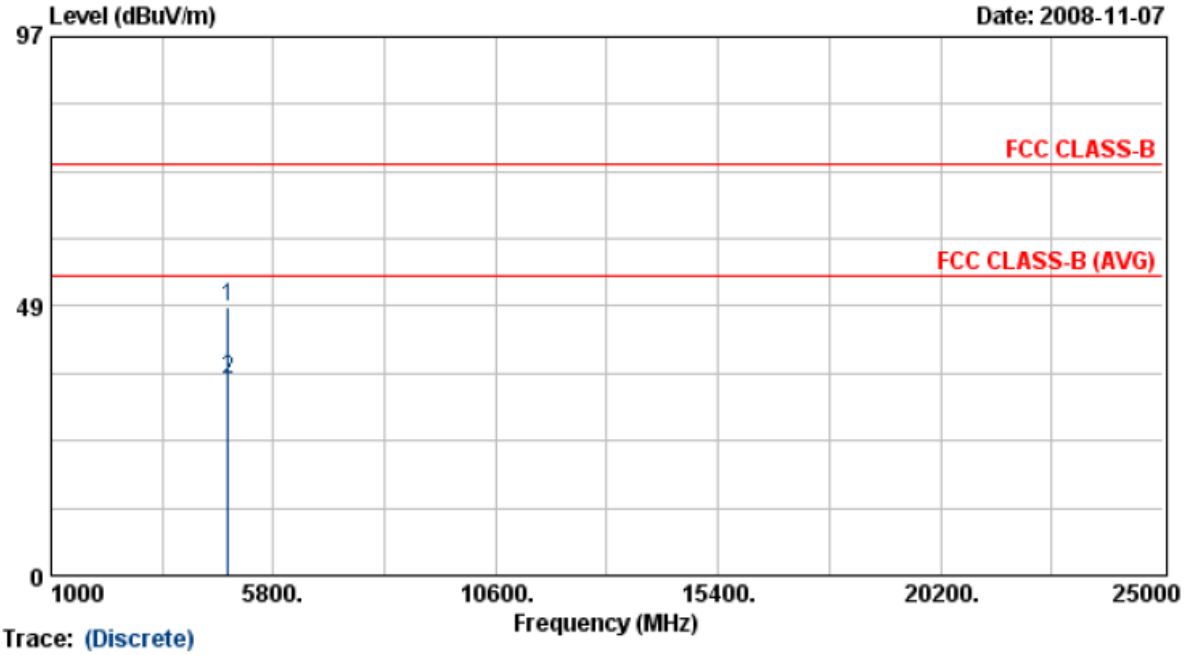
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4828.25	43.00	5.55	48.54	74.00	-25.46	Peak	118	240
2	4828.55	29.71	5.55	35.26	54.00	-18.74	Average	118	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	1	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



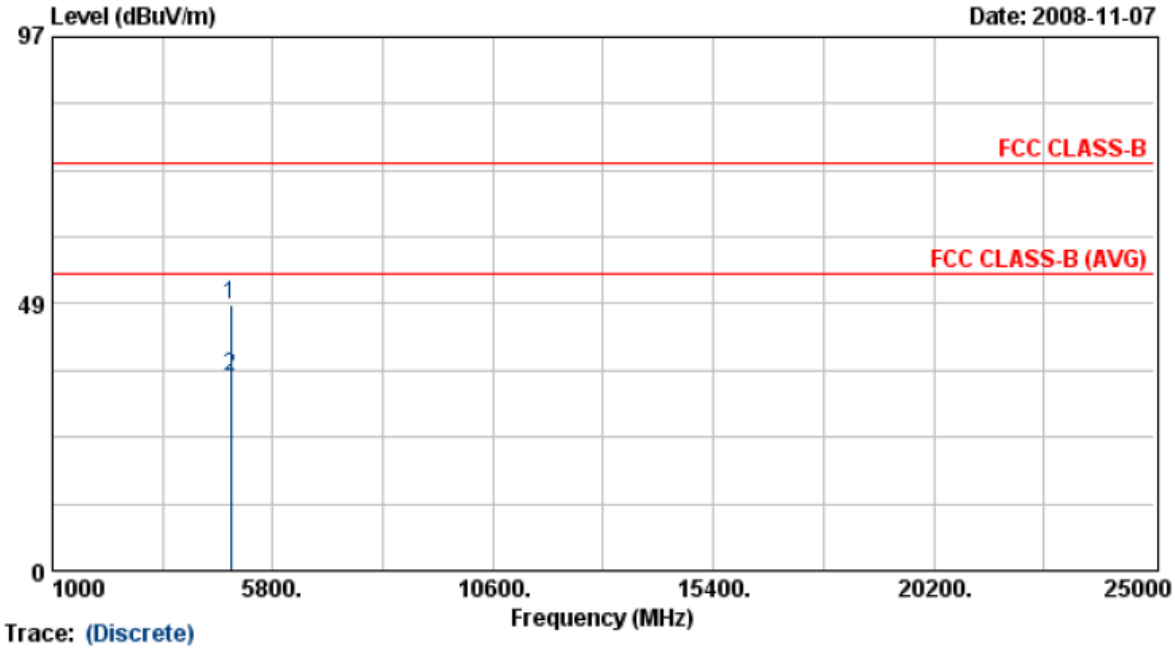
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4821.00	42.70	5.53	48.23	74.00	-25.77	Peak	116	240
2	4823.73	29.79	5.54	35.33	54.00	-18.67	Average	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	6	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



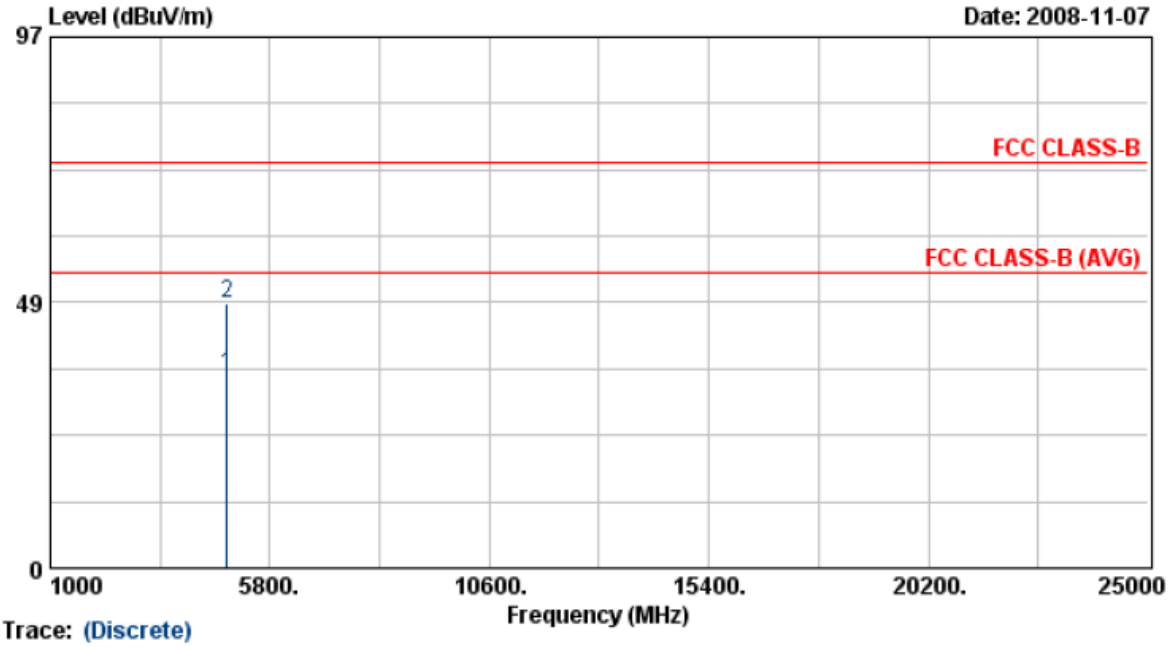
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4878.65	42.73	5.69	48.42	74.00	-25.58	Peak	118	240
2	4878.65	29.55	5.69	35.24	54.00	-18.76	Average	118	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	6	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



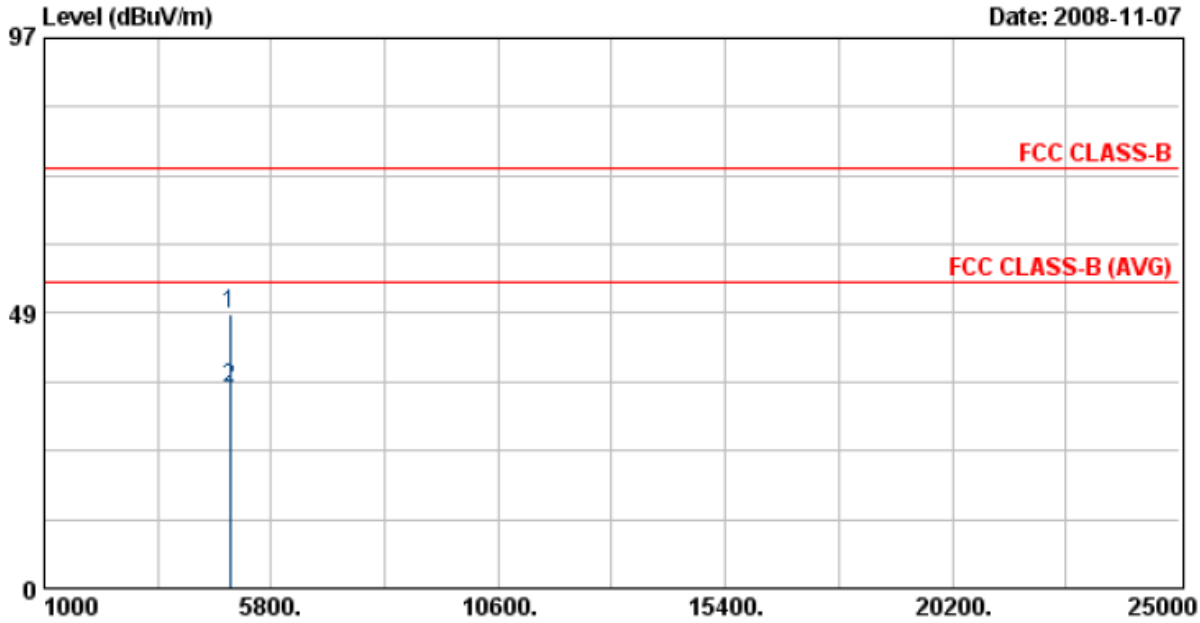
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4869.15	29.59	5.66	35.26	54.00	-18.74	Average	116	240
2	4870.23	42.68	5.67	48.35	74.00	-25.65	Peak	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	11	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



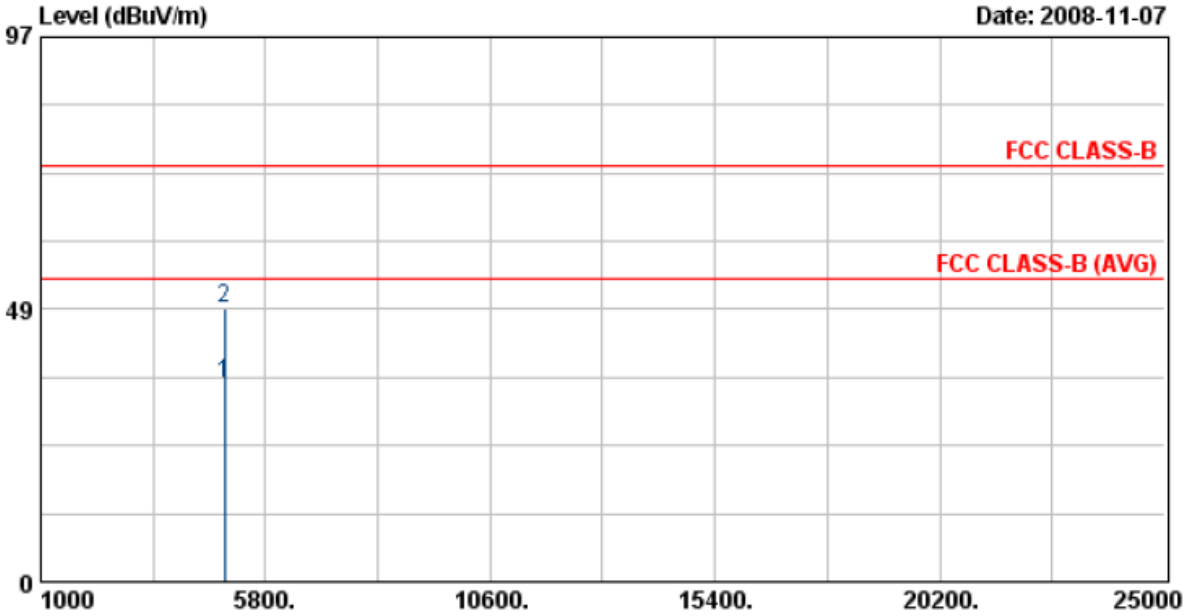
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4922.95	42.38	5.81	48.20	74.00	-25.80	Peak	118	240
2	4928.70	29.40	5.83	35.23	54.00	-18.77	Average	118	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 15	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	11	Humidity	:	65 %
Modulation Type	:	802.11n HT20	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	130 Mbps



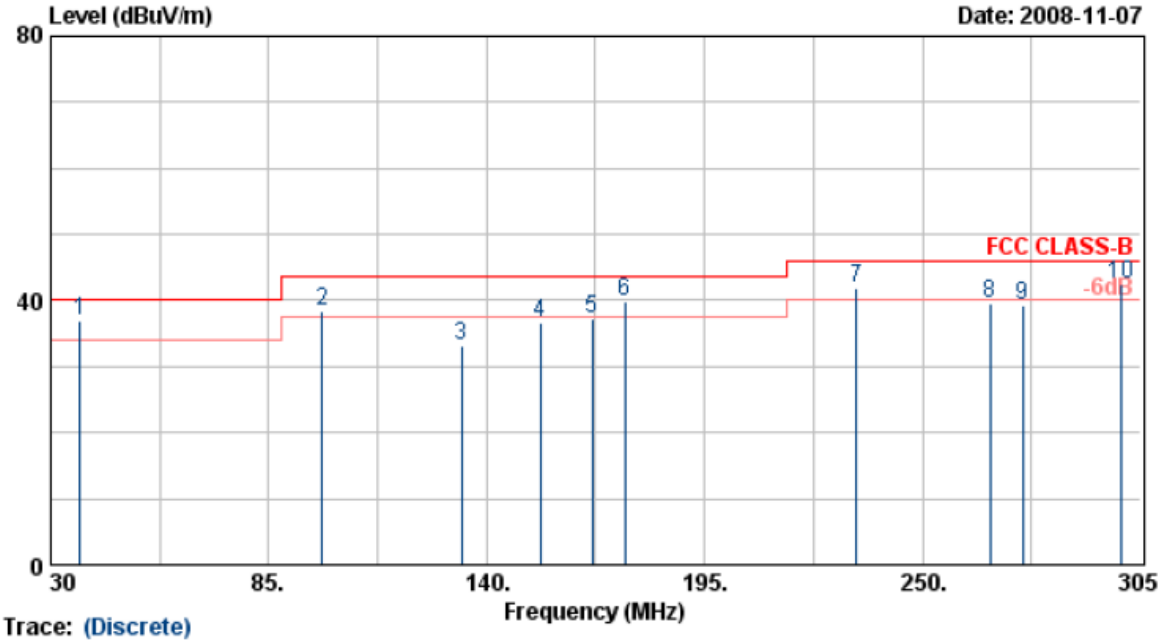
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4921.20	29.44	5.81	35.25	54.00	-18.75	Average	116	240
2	4927.03	42.80	5.83	48.63	74.00	-25.37	Peak	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	3	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



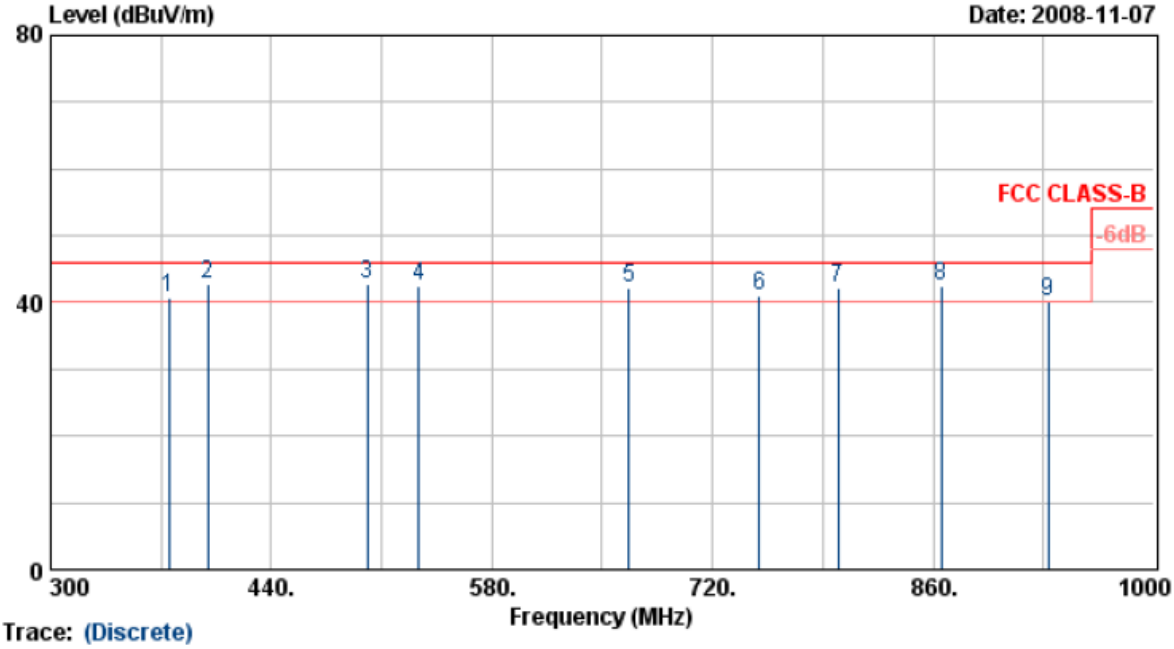
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	37.43	47.02	-10.07	36.96	40.00	-3.04	QP	100	75
2	98.48	53.14	-14.60	38.54	43.50	-4.96	QP	100	77
3	133.68	48.46	-15.29	33.17	43.50	-10.33	Peak	100	144
4	153.48	48.32	-11.79	36.53	43.50	-6.97	Peak	100	74
5	166.68	50.11	-12.91	37.20	43.50	-6.30	Peak	100	360
6	174.93	49.66	-9.79	39.87	43.50	-3.63	QP	100	360
7	233.23	52.52	-10.67	41.84	46.00	-4.16	QP	100	360
8	267.05	48.08	-8.47	39.62	46.00	-6.38	Peak	100	124
9	275.30	46.25	-7.01	39.24	46.00	-6.76	Peak	100	166
10	300.05	51.97	-9.49	42.49	46.00	-3.51	QP	100	167

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz,so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	3	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



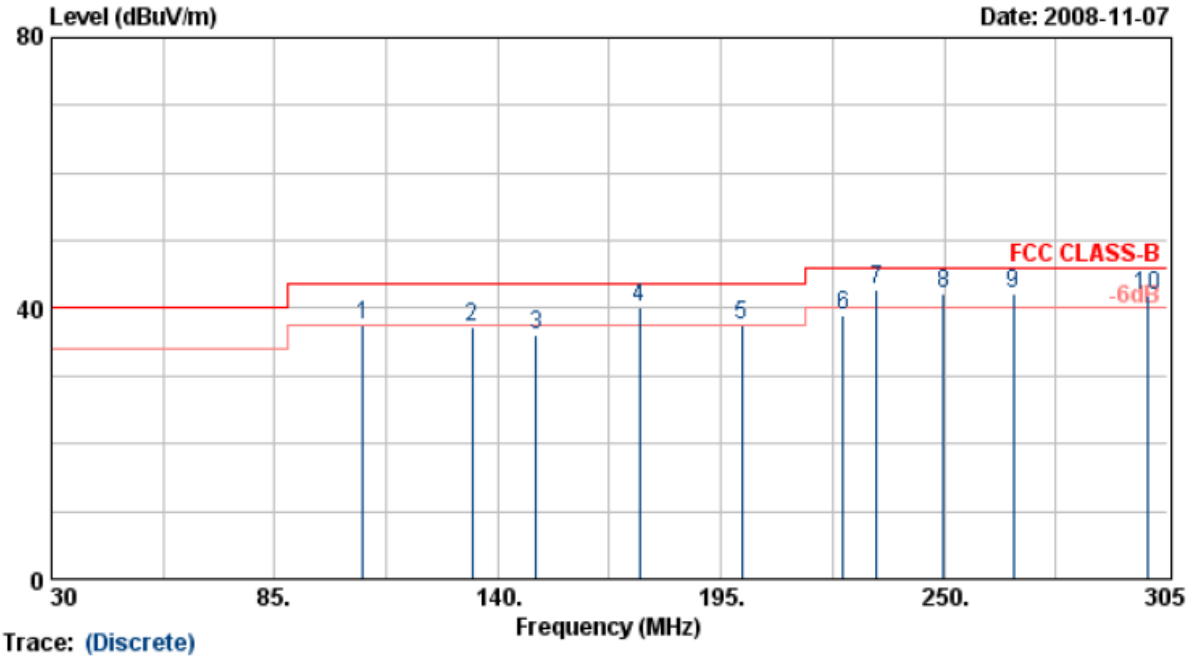
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	374.90	49.55	-8.87	40.68	46.00	-5.32	QP	100	87
2	399.40	51.41	-8.62	42.79	46.00	-3.21	QP	100	87
3	500.90	47.79	-4.89	42.89	46.00	-3.11	QP	100	87
4	533.80	46.40	-3.83	42.57	46.00	-3.43	QP	100	55
5	666.80	45.98	-3.87	42.11	46.00	-3.89	QP	100	360
6	749.40	39.60	1.28	40.88	46.00	-5.12	QP	100	77
7	799.80	45.01	-2.83	42.19	46.00	-3.81	QP	100	99
8	864.90	41.52	0.81	42.33	46.00	-3.67	QP	100	98
9	932.80	41.27	-1.10	40.16	46.00	-5.84	QP	100	360

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz,so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	3	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



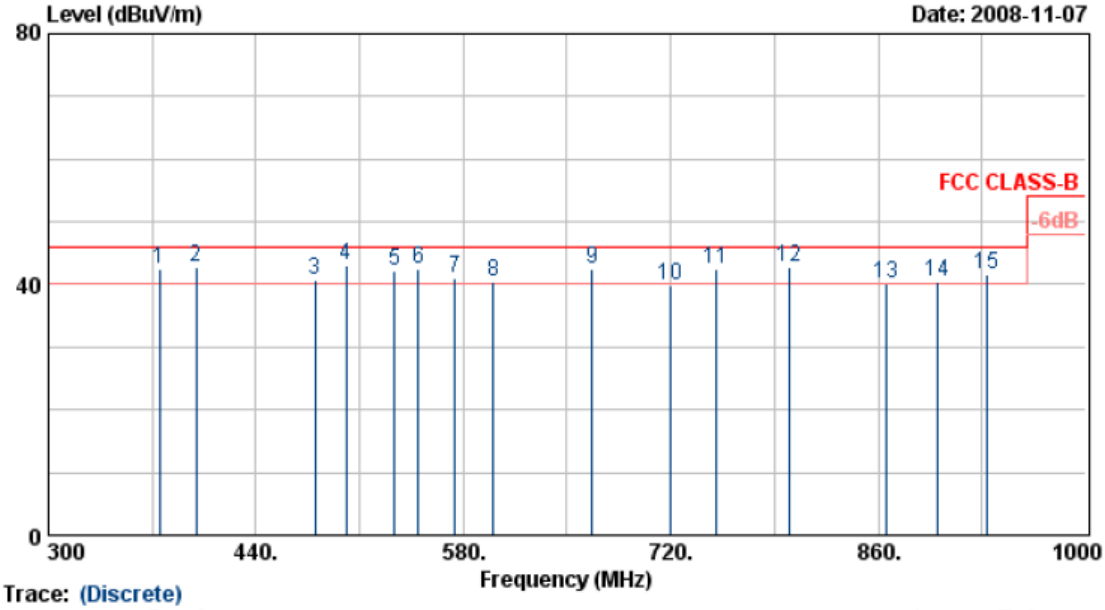
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	106.73	51.27	-13.69	37.57	43.50	-5.93	QP	100	360
2	133.68	52.58	-15.29	37.29	43.50	-6.21	Peak	100	360
3	149.35	48.64	-12.59	36.05	43.50	-7.45	Peak	100	77
4	174.93	50.00	-9.79	40.21	43.50	-3.29	QP	100	74
5	200.23	49.35	-11.71	37.63	43.50	-5.87	QP	100	88
6	224.98	50.98	-12.10	38.89	46.00	-7.11	Peak	100	360
7	233.23	53.30	-10.67	42.63	46.00	-3.37	QP	100	85
8	249.73	55.03	-12.88	42.15	46.00	-3.85	QP	100	360
9	267.05	50.74	-8.47	42.27	46.00	-3.73	Peak	100	79
10	300.05	51.31	-9.49	41.82	46.00	-4.18	QP	100	360

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz,so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	3	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



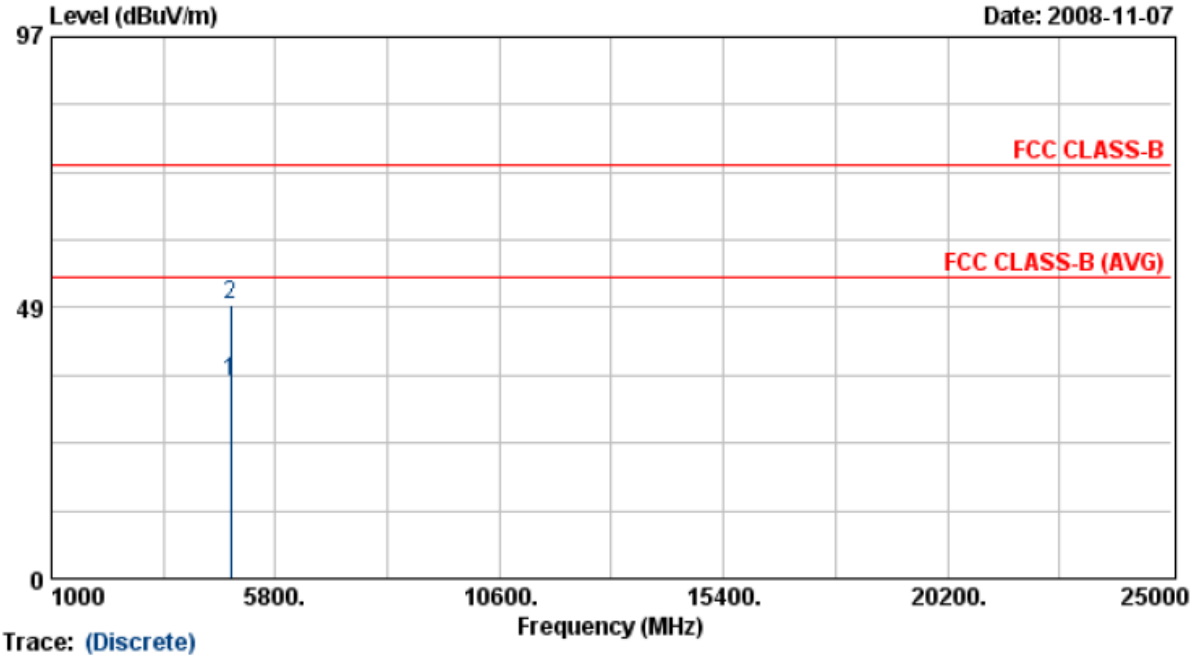
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	374.90	51.48	-8.87	42.61	46.00	-3.39	QP	100	360
2	399.40	51.34	-8.62	42.72	46.00	-3.28	QP	100	144
3	479.90	45.15	-4.50	40.66	46.00	-5.34	QP	100	75
4	500.90	47.81	-4.89	42.92	46.00	-3.08	QP	100	88
5	533.80	46.08	-3.83	42.25	46.00	-3.75	QP	100	98
6	549.90	42.42	-0.02	42.40	46.00	-3.60	QP	100	99
7	574.40	40.67	0.35	41.02	46.00	-4.98	QP	100	155
8	600.30	41.07	-0.49	40.58	46.00	-5.42	QP	100	157
9	666.80	46.45	-3.87	42.57	46.00	-3.43	QP	100	68
10	719.30	37.85	1.92	39.77	46.00	-6.23	Peak	100	144
11	750.10	41.21	1.26	42.47	46.00	-3.53	QP	100	95
12	799.80	45.73	-2.83	42.90	46.00	-3.10	QP	100	99
13	864.90	39.37	0.81	40.18	46.00	-5.82	QP	100	122
14	899.90	39.14	1.29	40.43	46.00	-5.57	QP	100	360
15	932.80	42.84	-1.10	41.74	46.00	-4.26	QP	100	360

Notes:

1. Result = Read Value + Factor
2. 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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz,so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	3	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



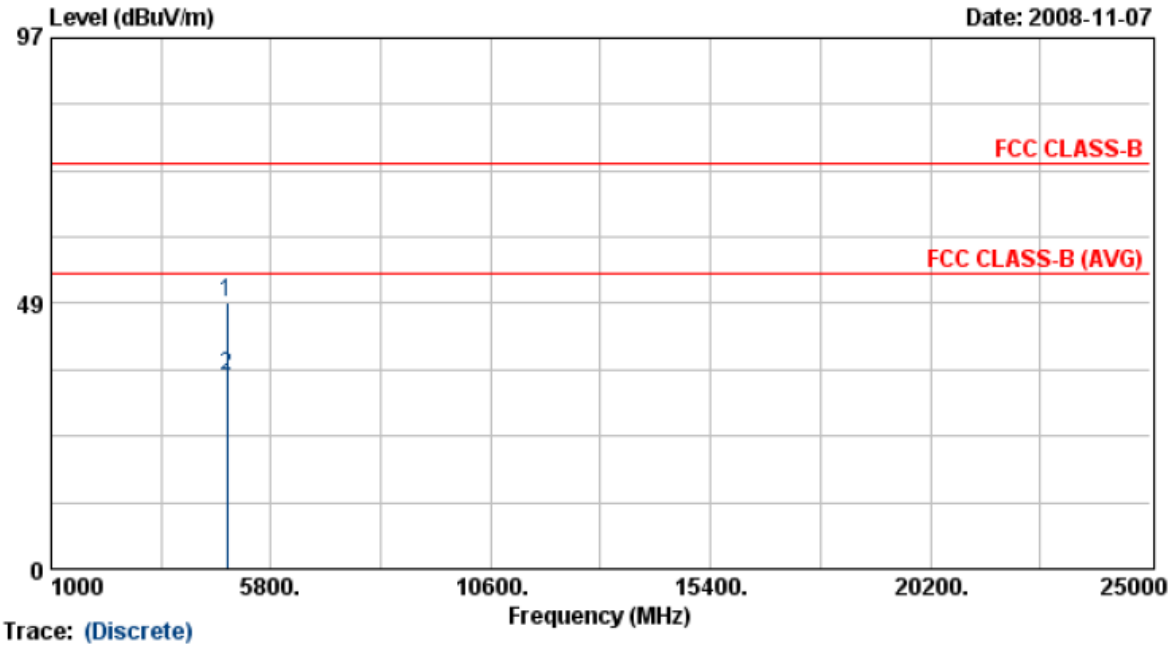
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4845.33	29.67	5.60	35.27	54.00	-18.73	Average	116	240
2	4846.33	43.60	5.60	49.20	74.00	-24.80	Peak	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	3	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



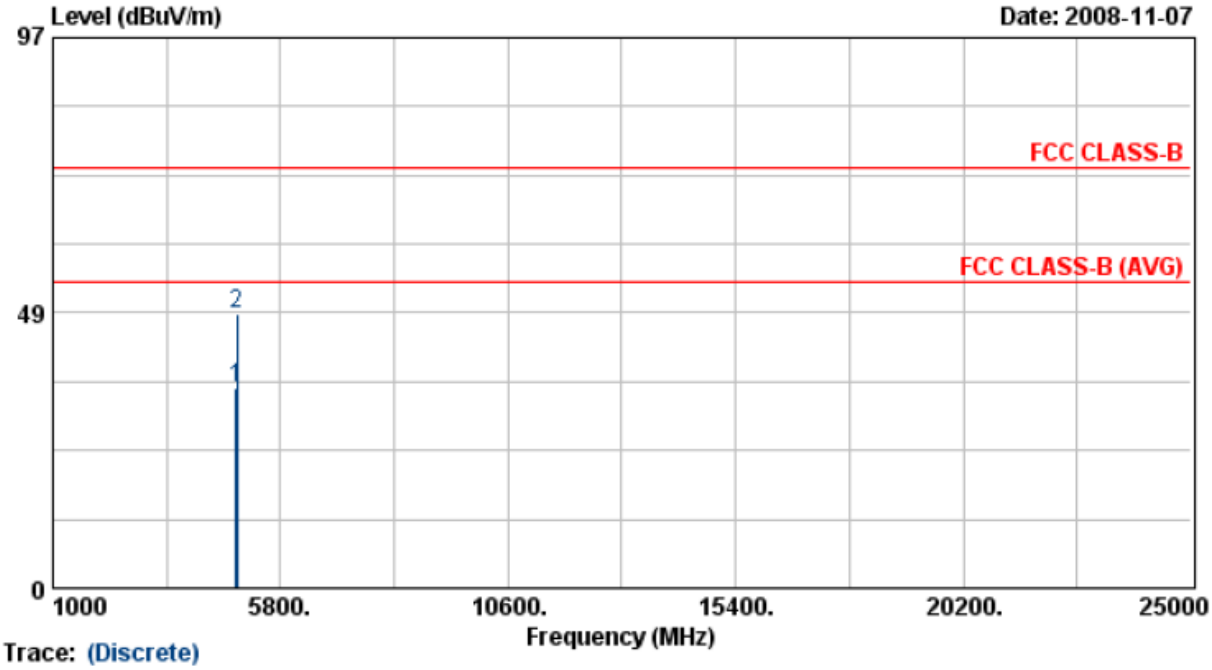
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4839.60	43.16	5.58	48.74	74.00	-25.26	Peak	116	240
2	4845.28	29.67	5.60	35.27	54.00	-18.73	Average	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	6	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



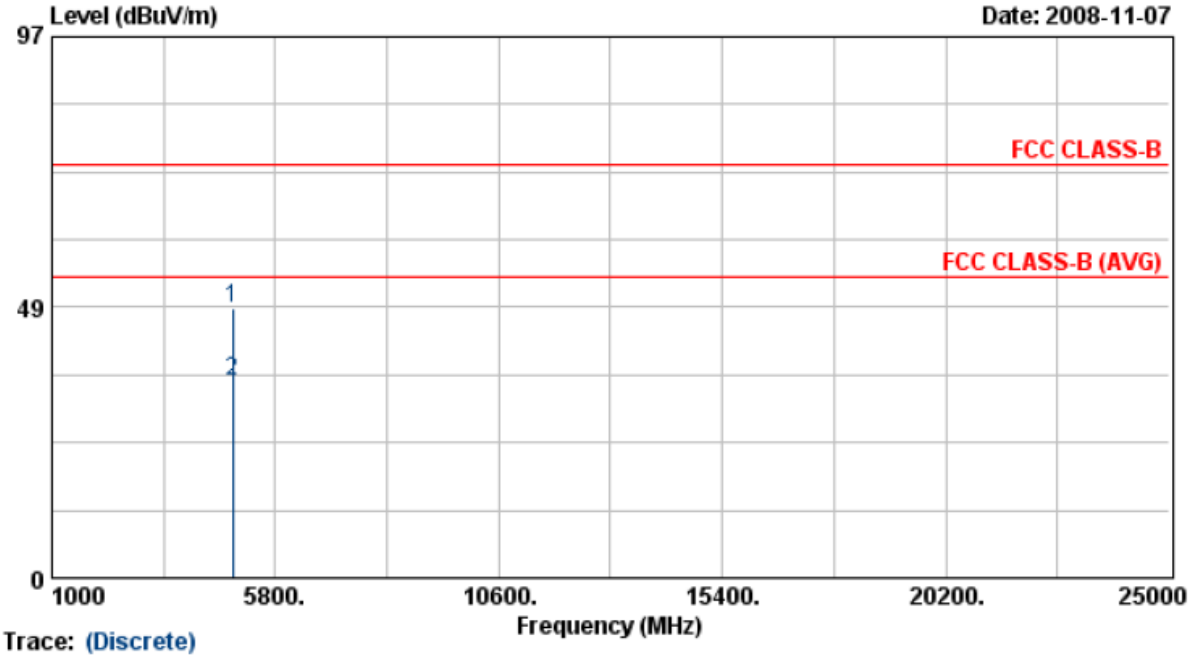
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4870.60	29.56	5.67	35.22	54.00	-18.78	Average	116	240
2	4878.05	42.63	5.69	48.32	74.00	-25.68	Peak	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	6	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



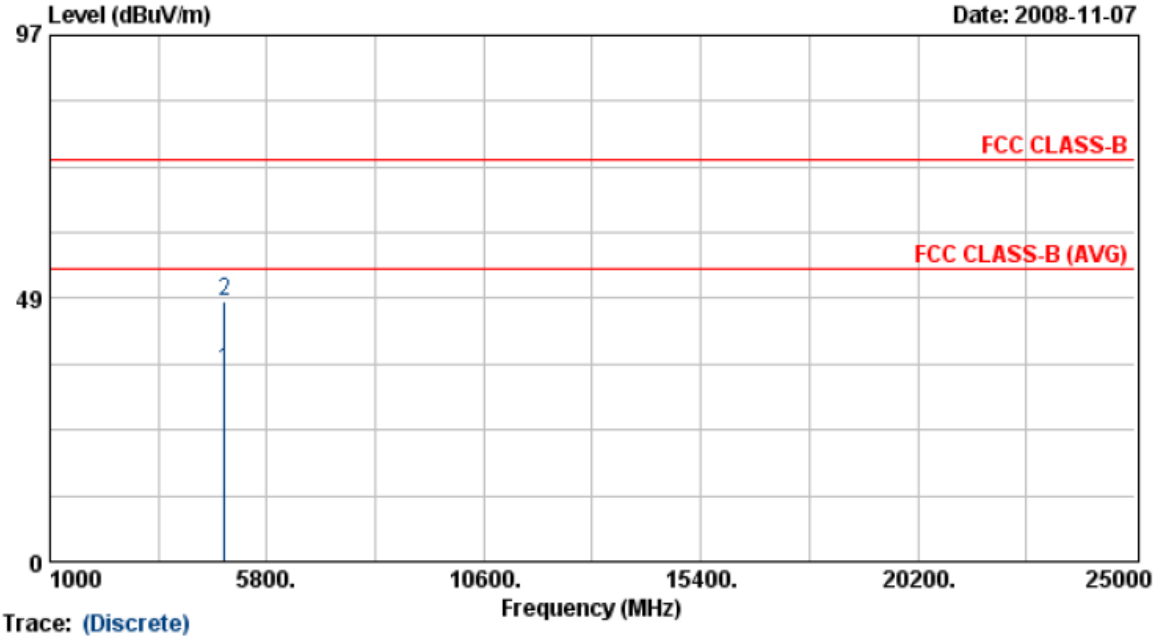
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4877.13	42.70	5.69	48.38	74.00	-25.62	Peak	116	240
2	4877.13	29.41	5.69	35.10	54.00	-18.90	Average	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	9	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



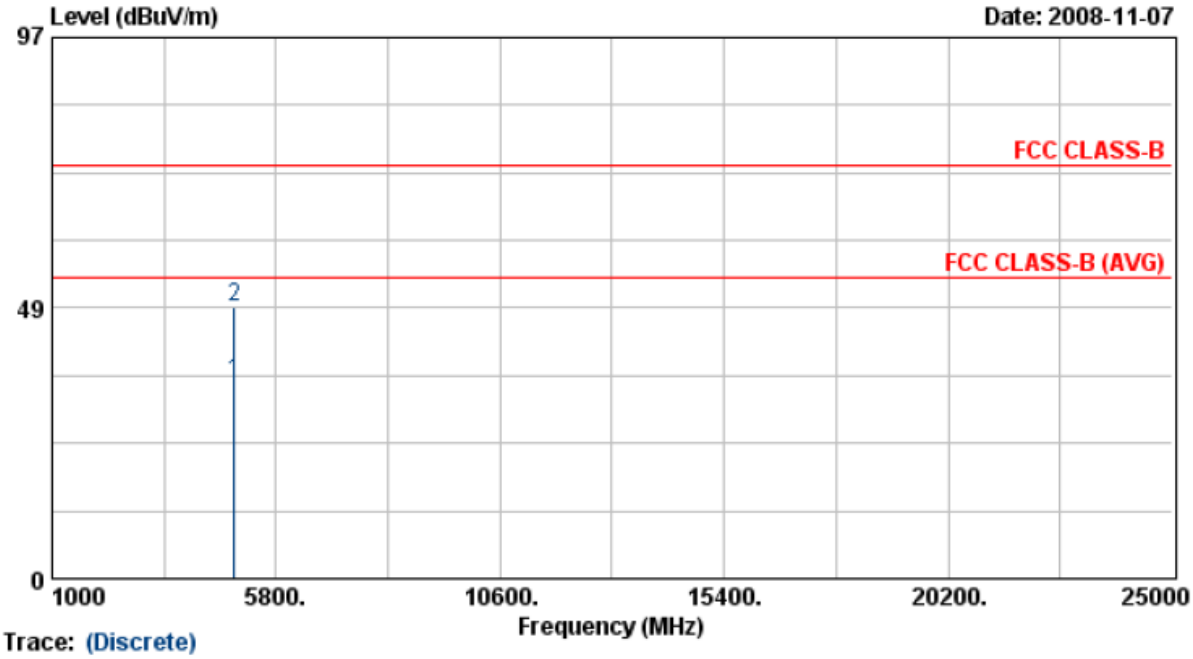
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4869.20	29.57	5.66	35.24	54.00	-18.76	Average	116	240
2	4871.23	42.22	5.67	47.89	74.00	-26.11	Peak	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 16	:	Transmit / Receive	Temperature	:	26 °C
Operation Channel	:	9	Humidity	:	65 %
Modulation Type	:	802.11n HT40	Atmospheric Pressure	:	1007 hPa
Memo	:	Model No.: IP1006GB Adapter: Sunny \ SYS1381-1212-W2	Rate	:	270 Mbps



Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4900.20	29.47	5.75	35.22	54.00	-18.78	Average	116	240
2	4906.23	42.92	5.77	48.69	74.00	-25.31	Peak	116	240

Notes:

1. Result = Read Value + Factor
2. 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 low to be measured.

Test engineer: Ben

6. 6dB Bandwidth Measurement Data

6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

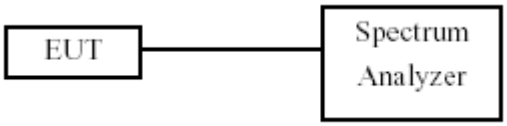
6.2 Test Procedures

a. The transmitter output was connected to the spectrum analyzer.

b. Set RBW of spectrum analyzer to 100 KHz and VBW to 100 KHz.

c. 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	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	FSP40	R&S	10047	2008/02/22	2009/02/21

6.5 Test Result and Data

Test Date: Nov. 05, 2008 Temperature: 20℃

Atmospheric pressure: 1008 hPa Humidity: 60%

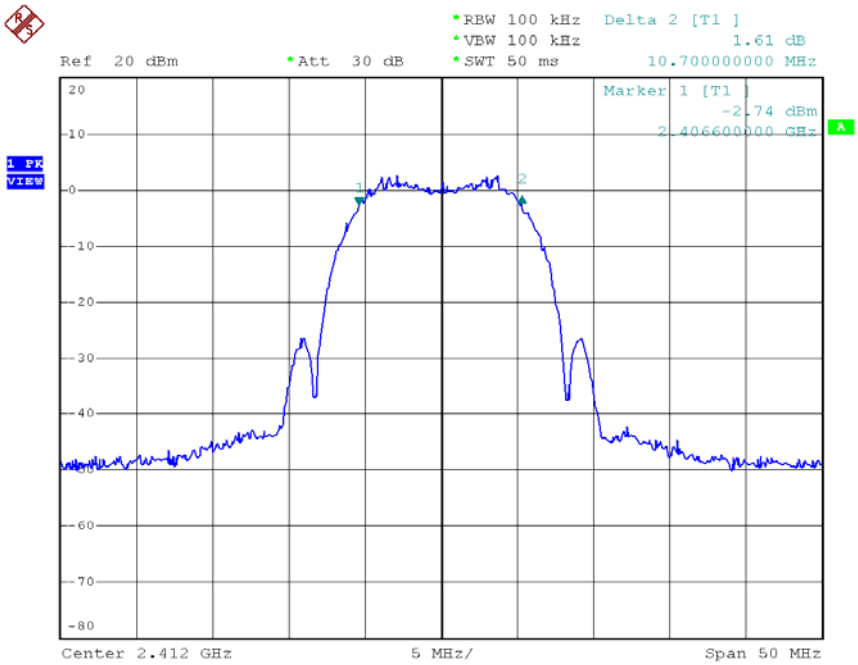
Test Mode: IP1006GA

Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			TX0	TX1
802.11b (11Mbps)	01	2412	10.70	10.70
	06	2437	10.70	11.40
	11	2462	11.50	11.40
802.11g (54Mbps)	01	2412	16.60	16.40
	06	2437	16.40	16.60
	11	2462	16.50	16.50
802.11n HT20 (130Mbps)	01	2412	17.60	17.60
	06	2437	17.60	17.60
	11	2462	17.60	17.60
802.11n HT40 (270Mbps)	03	2422	35.40	36.40
	06	2437	35.00	35.00
	09	2452	36.40	36.40

Test Mode: IP1006GB

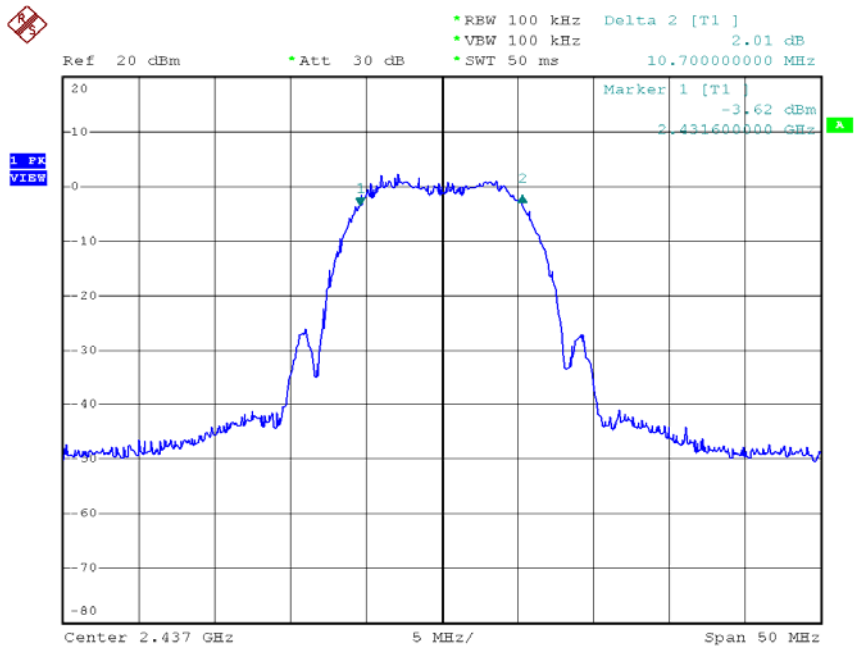
Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			TX0	TX1
802.11b (11Mbps)	01	2412	11.00	11.50
	06	2437	11.50	11.00
	11	2462	11.40	10.50
802.11g (54Mbps)	01	2412	16.40	16.40
	06	2437	16.40	16.50
	11	2462	16.50	16.50
802.11n HT20 (130Mbps)	01	2412	17.60	17.60
	06	2437	17.60	17.60
	11	2462	17.60	17.60
802.11n HT40 (270Mbps)	03	2422	36.20	36.40
	06	2437	35.20	35.00
	09	2452	36.20	36.40

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 01



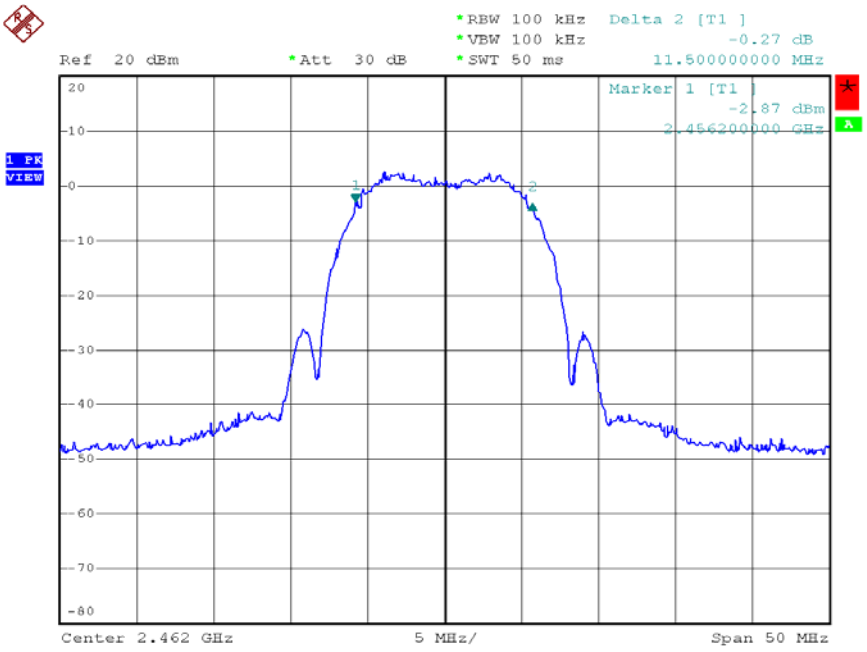
Date: 4.NOV.2008 11:17:03

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 06



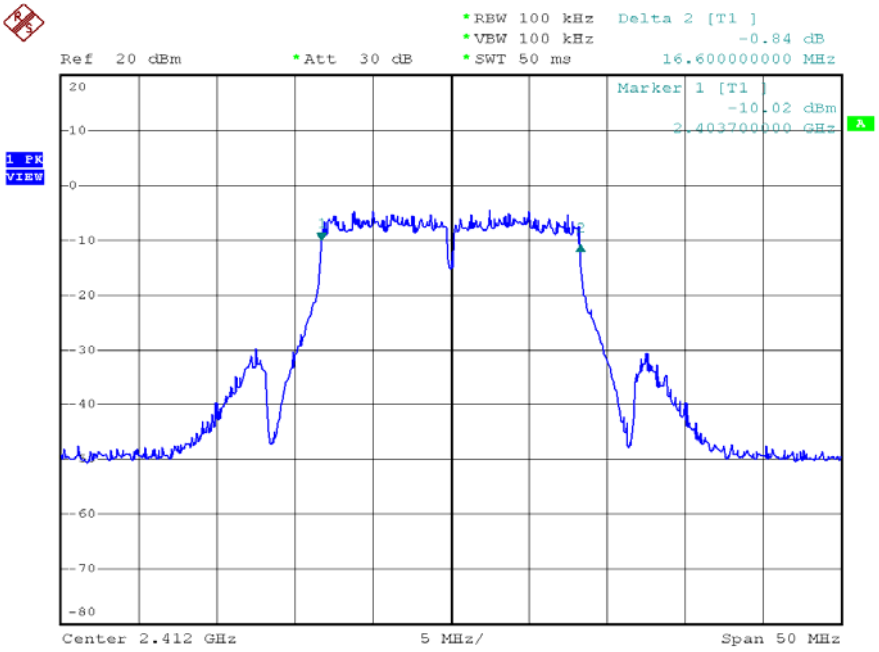
Date: 4.NOV.2008 11:21:14

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 11



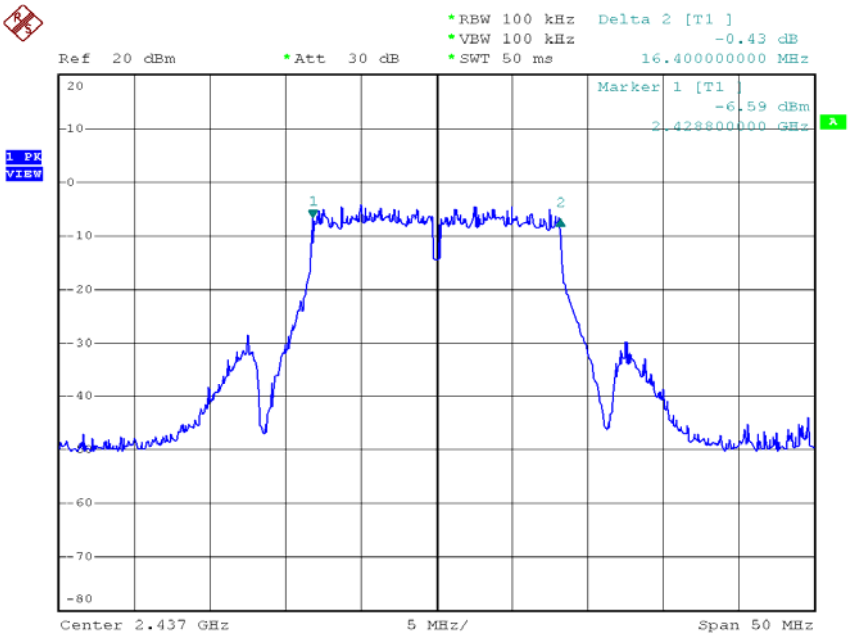
Date: 4.NOV.2008 11:31:46

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 01



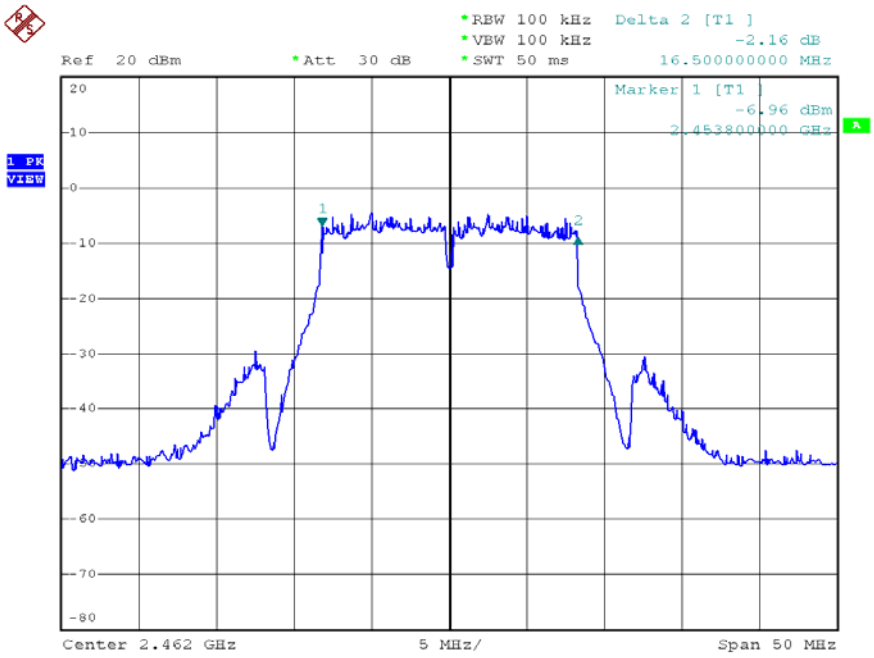
Date: 4.NOV.2008 11:08:10

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 06



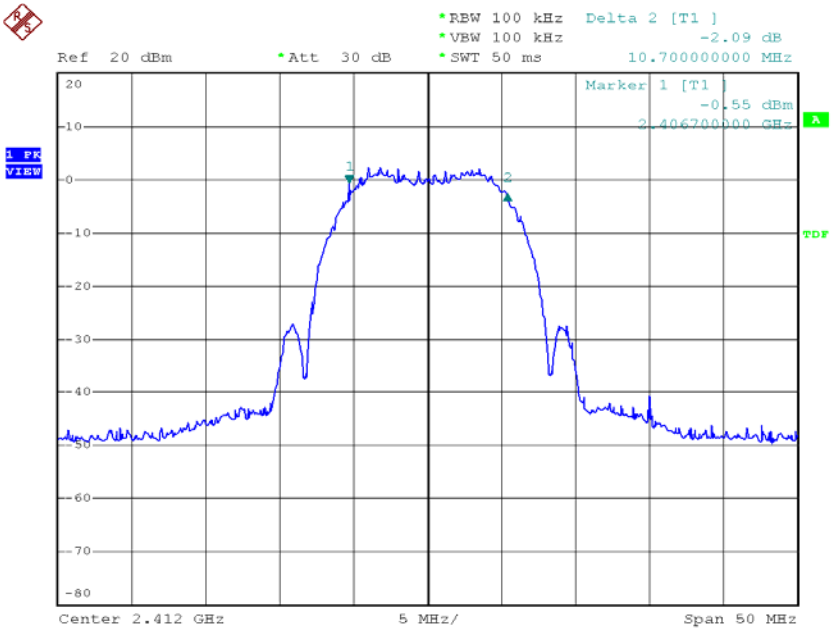
Date: 4.NOV.2008 11:11:40

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 11



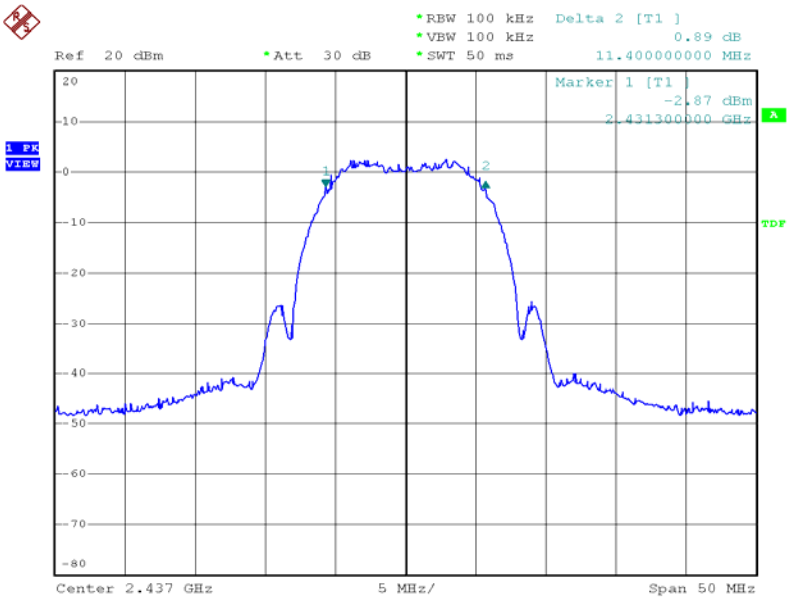
Date: 4.NOV.2008 11:13:47

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01



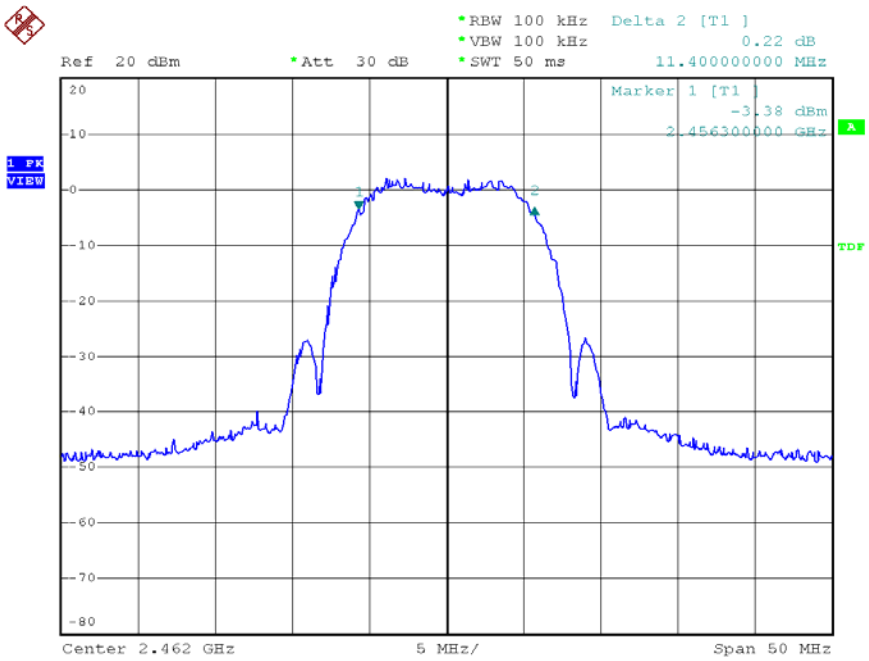
Date: 4.NOV.2008 17:11:50

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 06



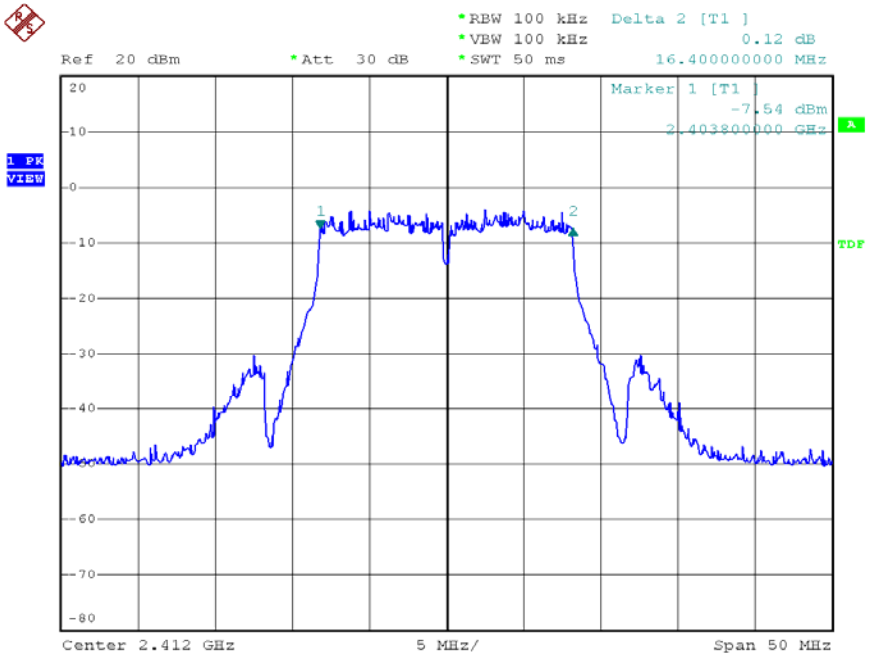
Date: 4.NOV.2008 17:21:01

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 11



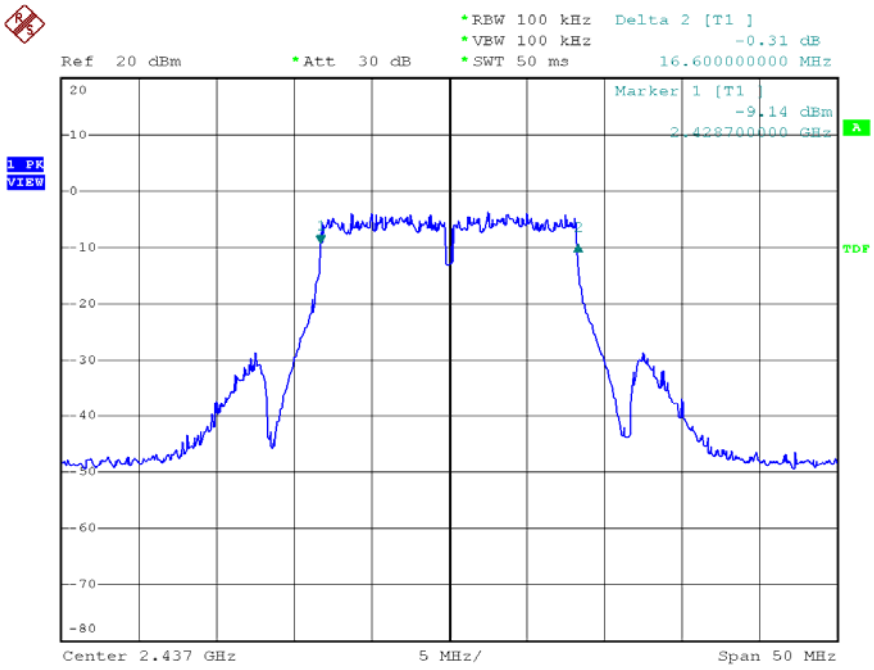
Date: 4.NOV.2008 17:27:55

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 01



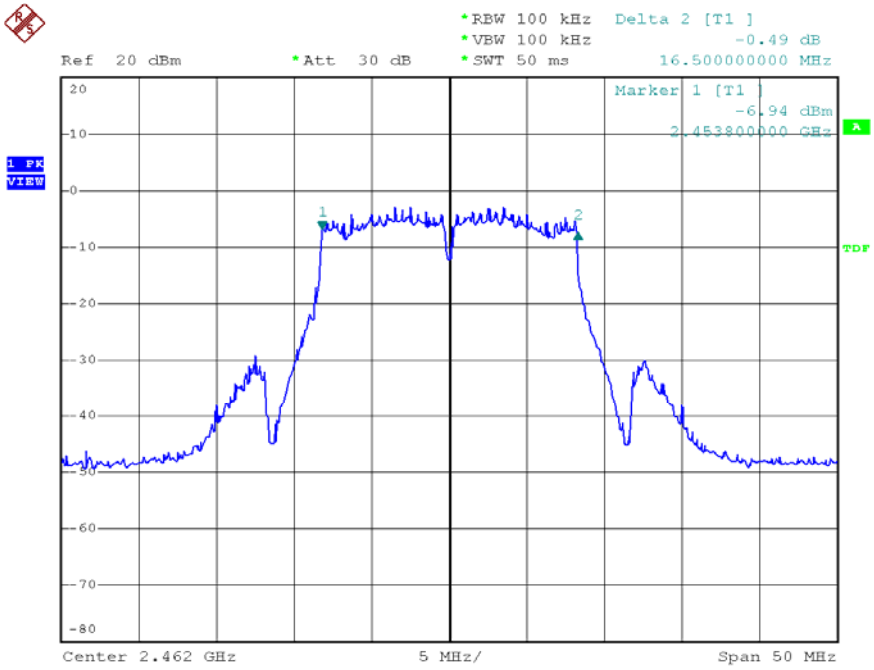
Date: 4.NOV.2008 16:56:23

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 06



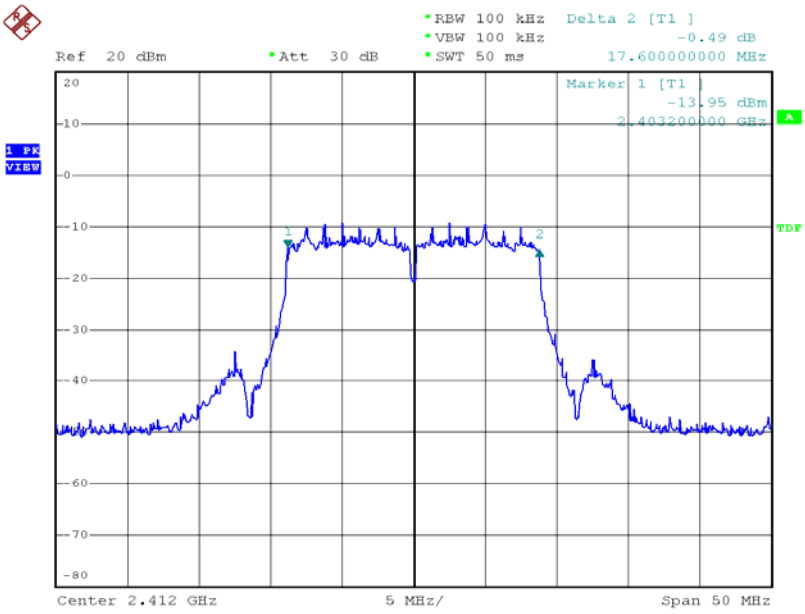
Date: 4.NOV.2008 17:00:44

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 11



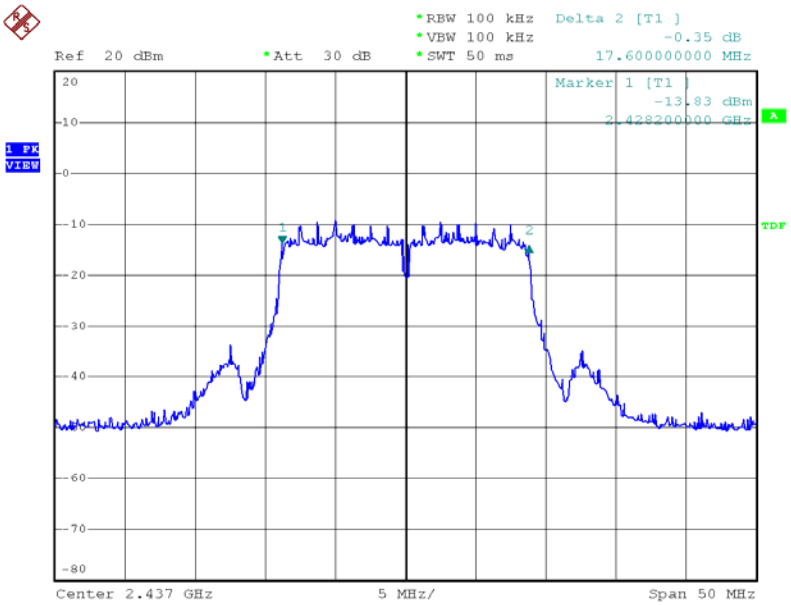
Date: 4.NOV.2008 17:06:03

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 01



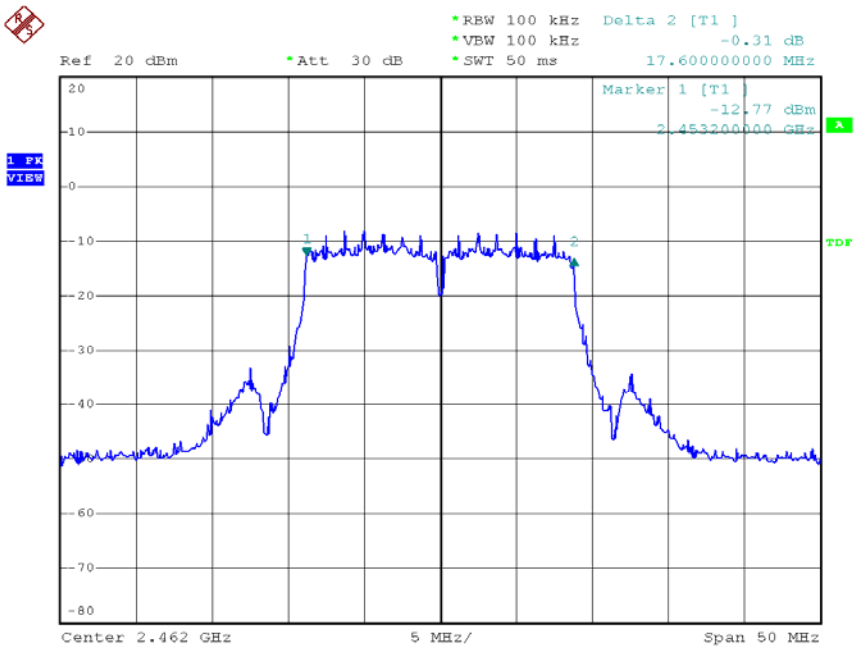
Date: 5.NOV.2008 14:31:11

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 06



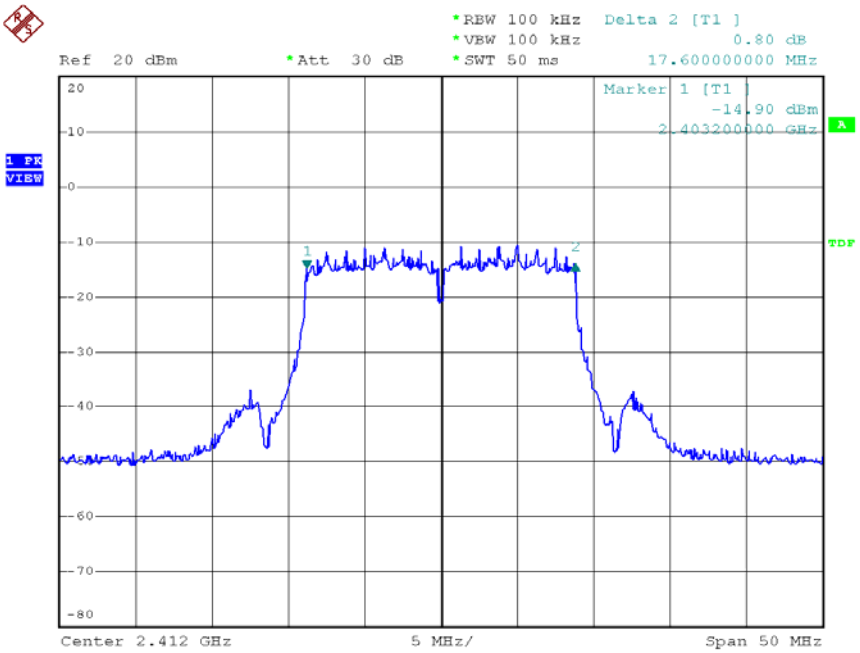
Date: 5.NOV.2008 14:32:18

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 11



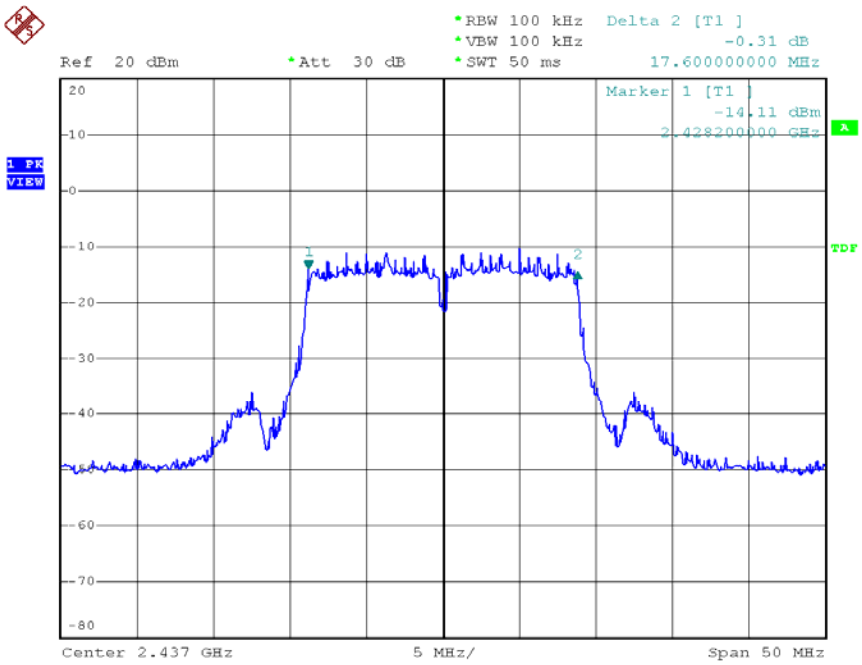
Date: 5.NOV.2008 14:33:25

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 01



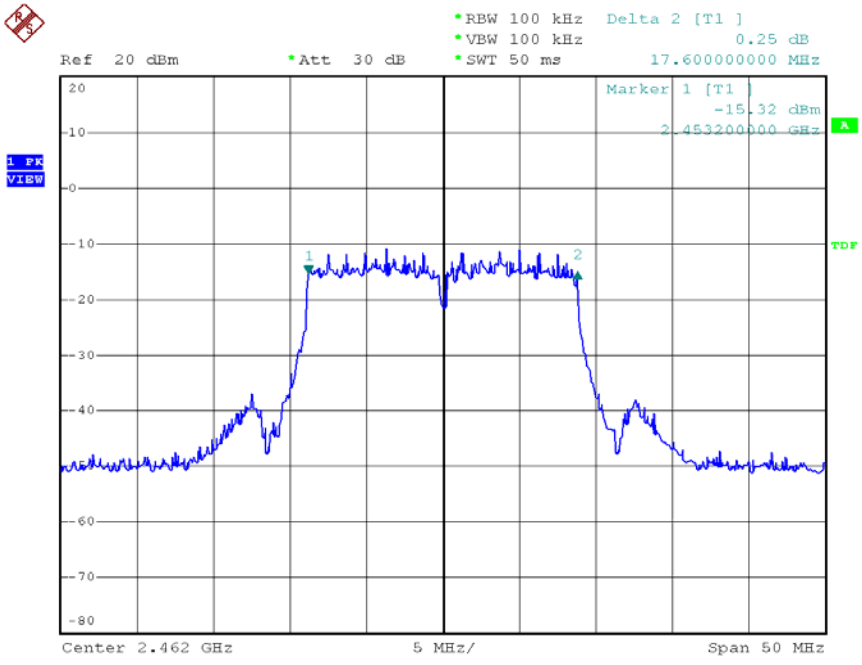
Date: 5.NOV.2008 14:29:44

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 06



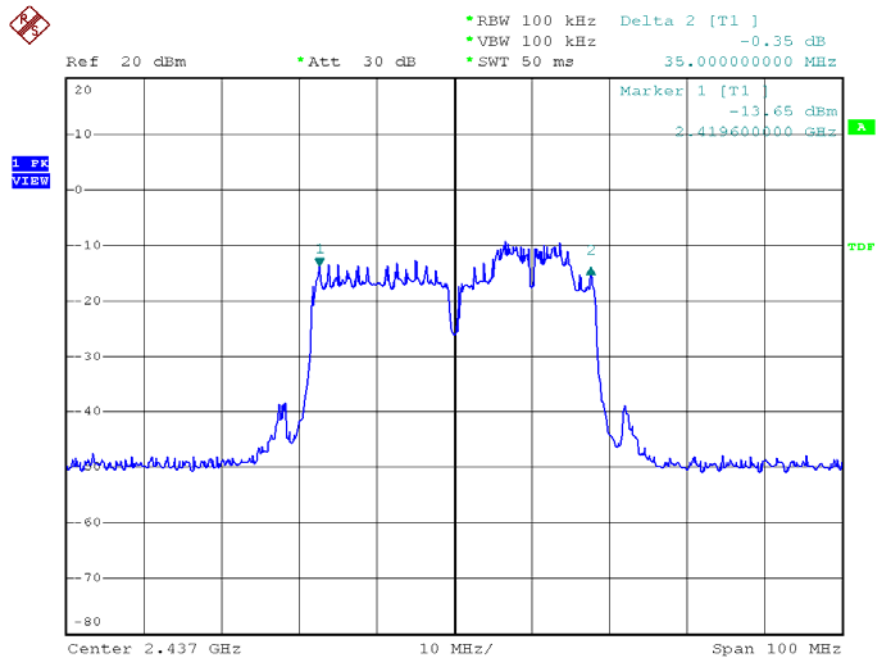
Date: 5.NOV.2008 14:36:22

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 11



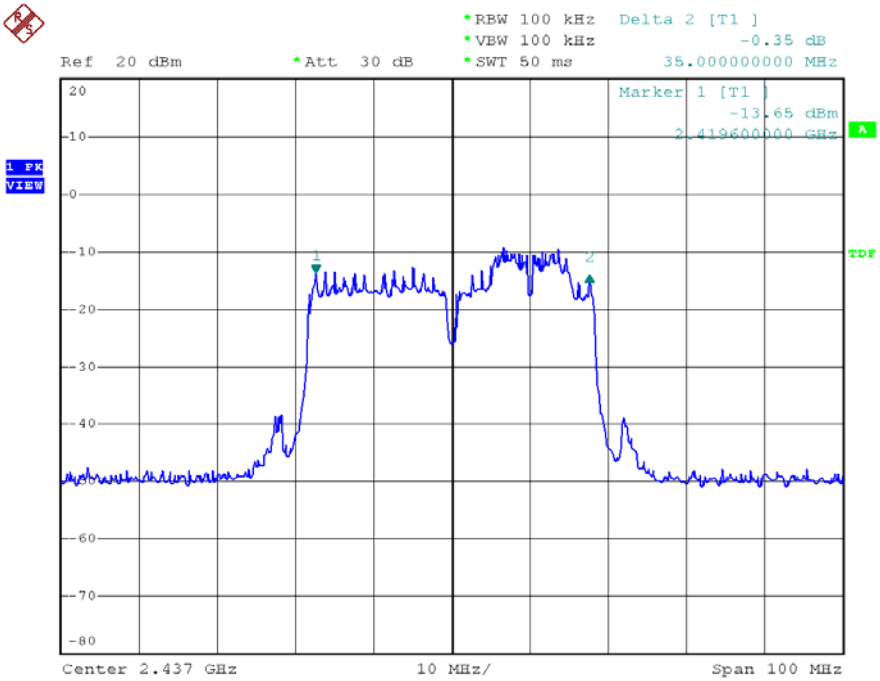
Date: 5.NOV.2008 14:35:07

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 03



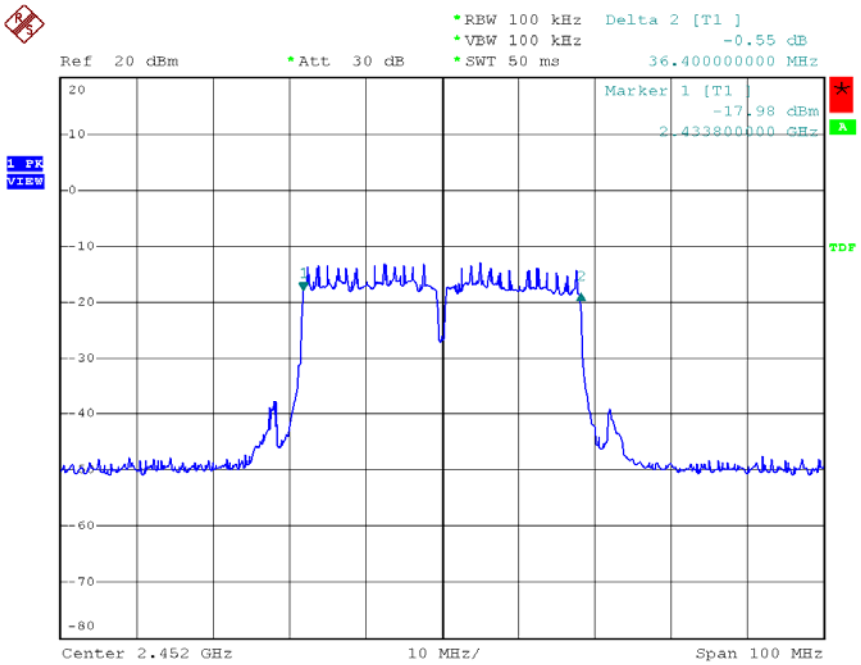
Date: 5.NOV.2008 14:53:30

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 06



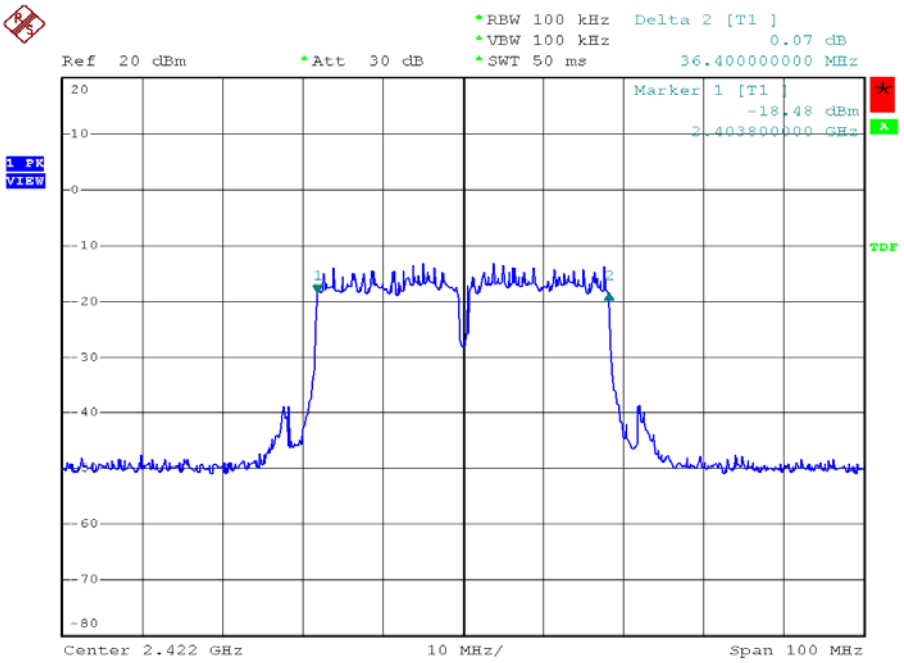
Date: 5.NOV.2008 14:53:30

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 09



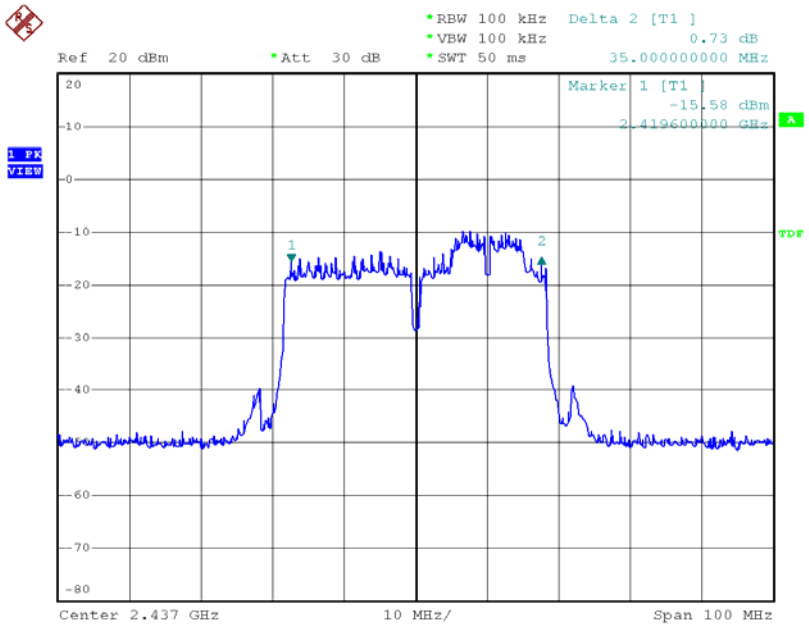
Date: 5.NOV.2008 14:54:32

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 03



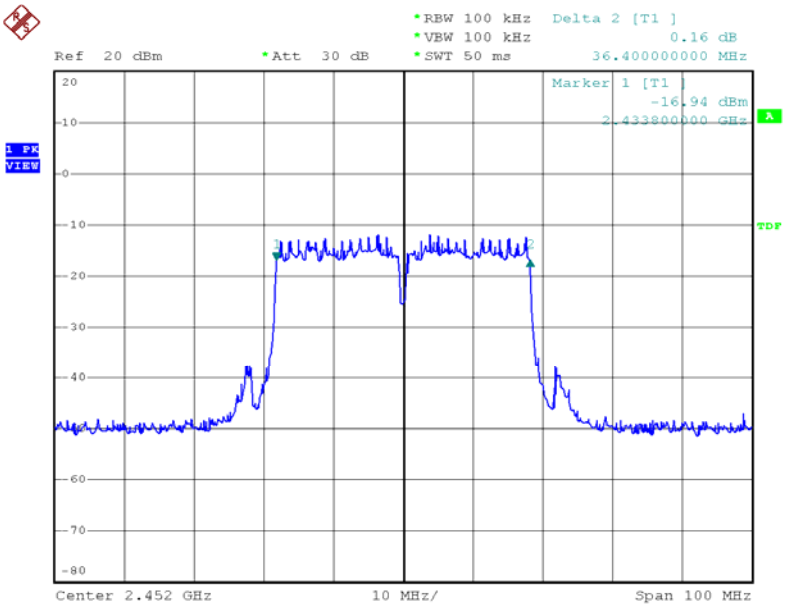
Date: 5.NOV.2008 14:58:29

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 06



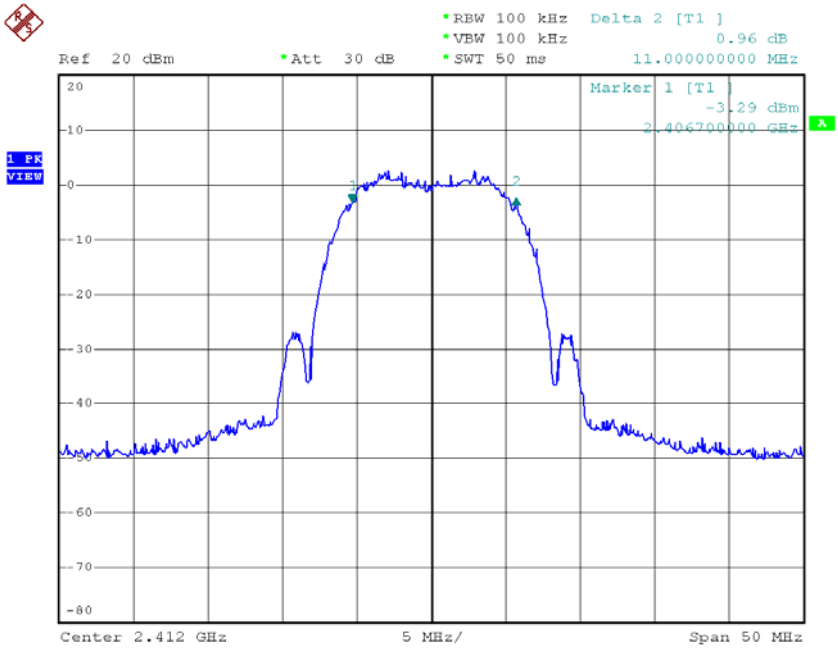
Date: 5.NOV.2008 14:57:14

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 09

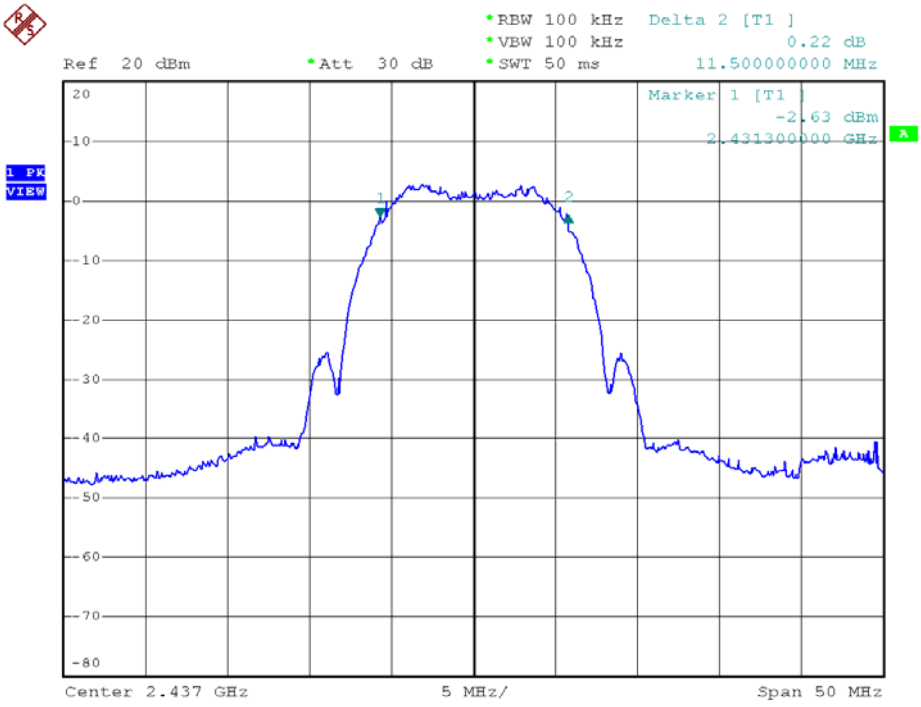


Date: 5.NOV.2008 14:56:05

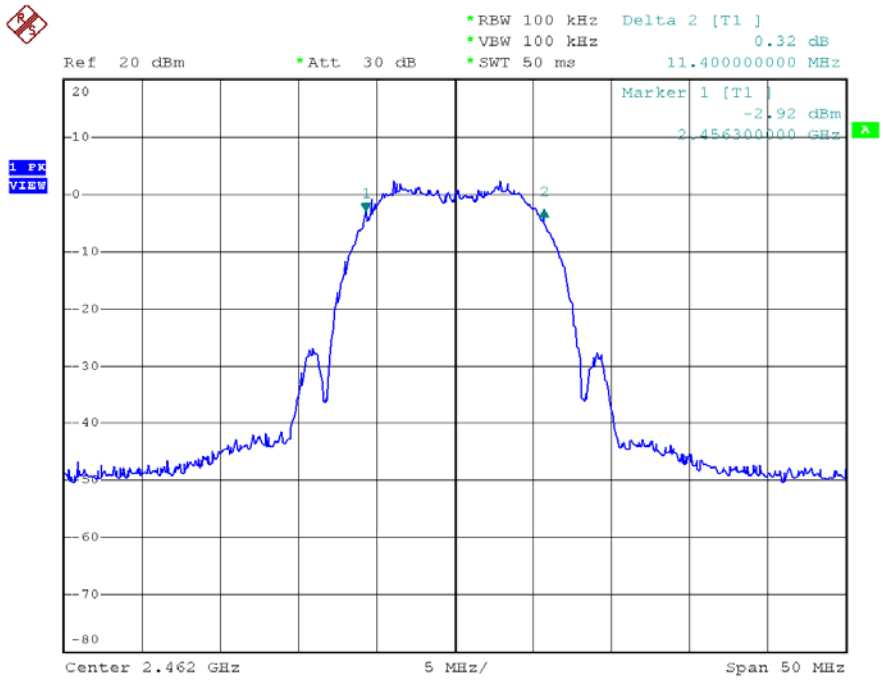
Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 01



Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 06

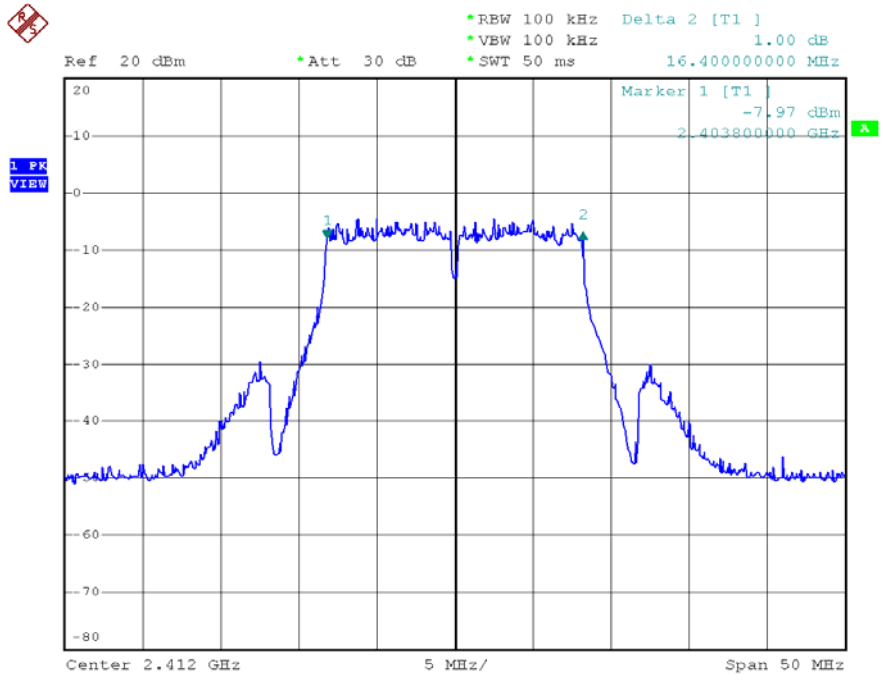


Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 11



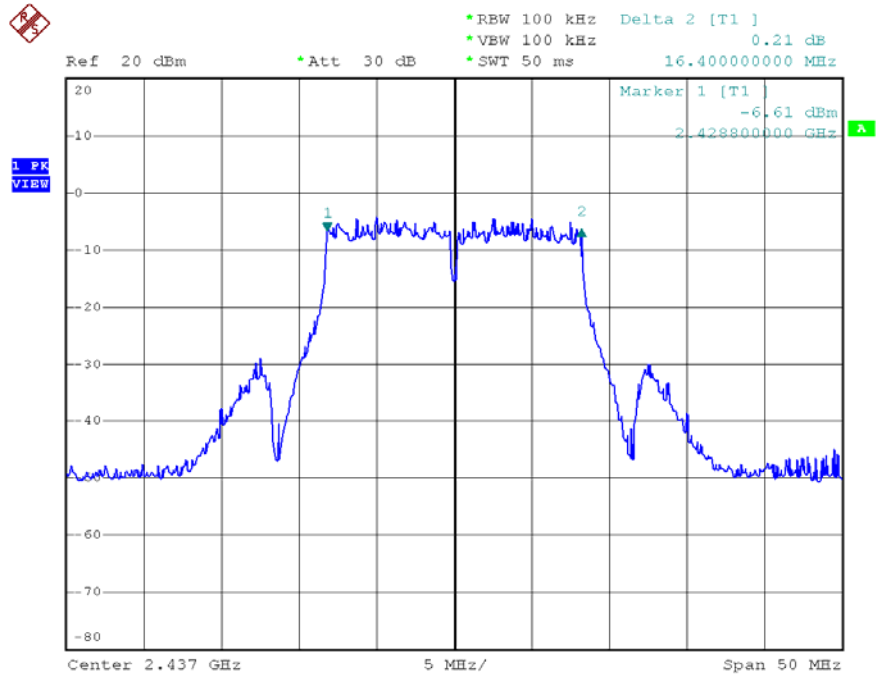
Date: 4.NOV.2008 11:32:54

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 01



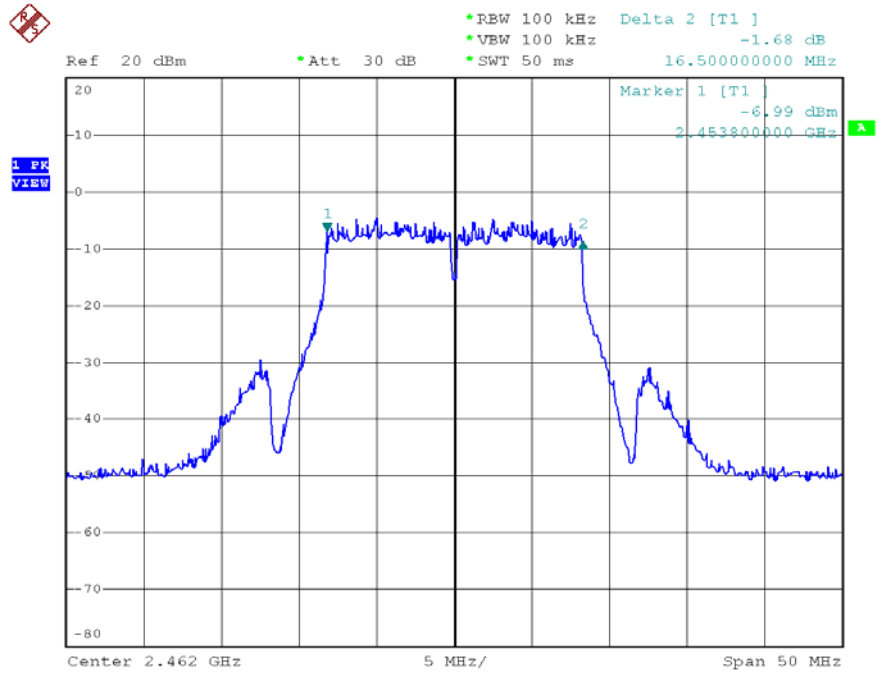
Date: 4.NOV.2008 11:09:19

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 06



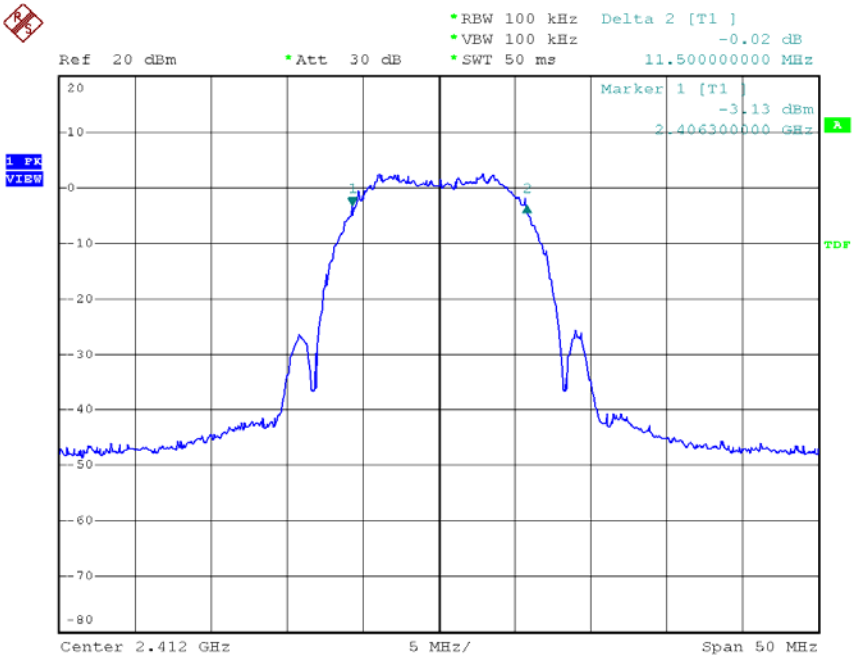
Date: 4.NOV.2008 11:12:42

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 11



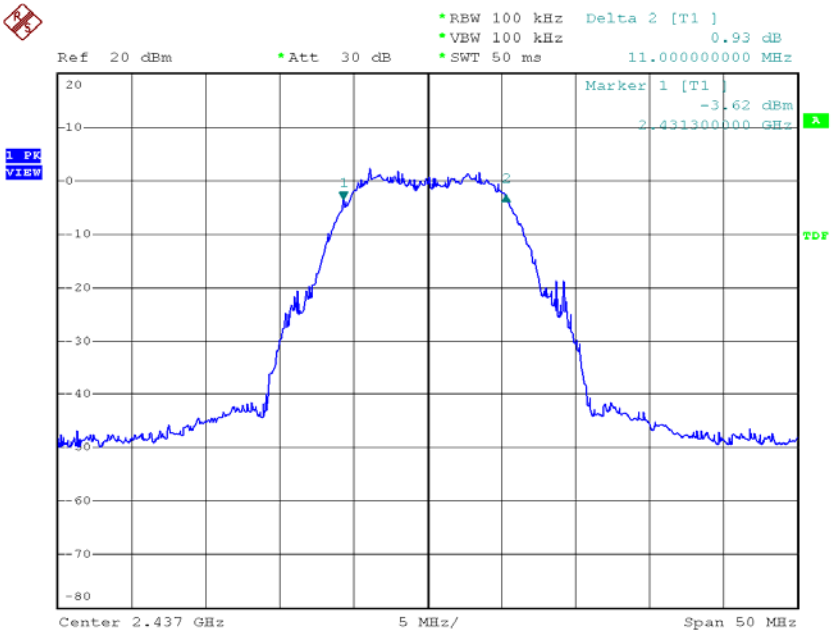
Date: 4.NOV.2008 11:14:50

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01



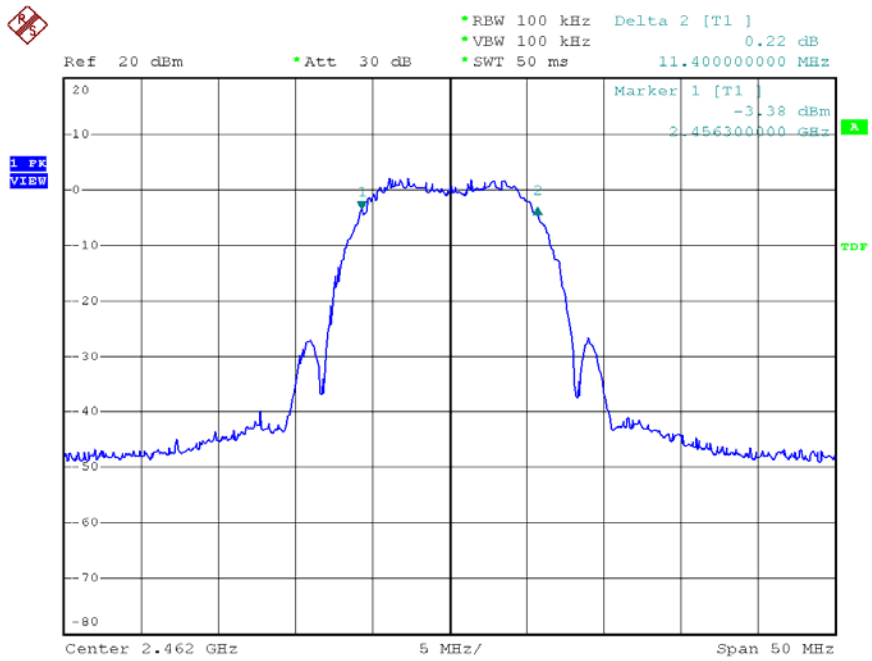
Date: 4.NOV.2008 17:14:46

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 06



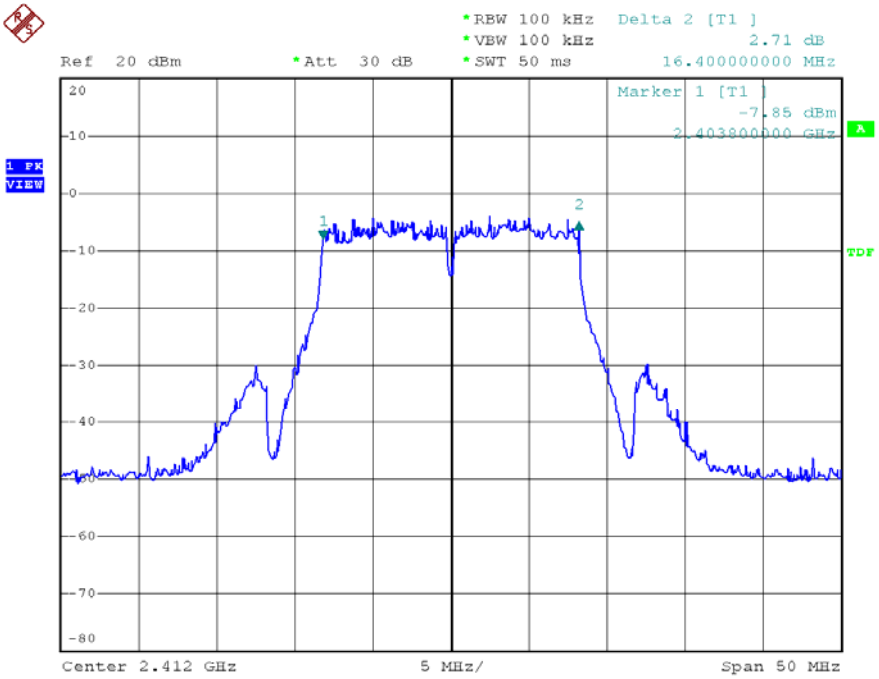
Date: 4.NOV.2008 17:23:20

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 11



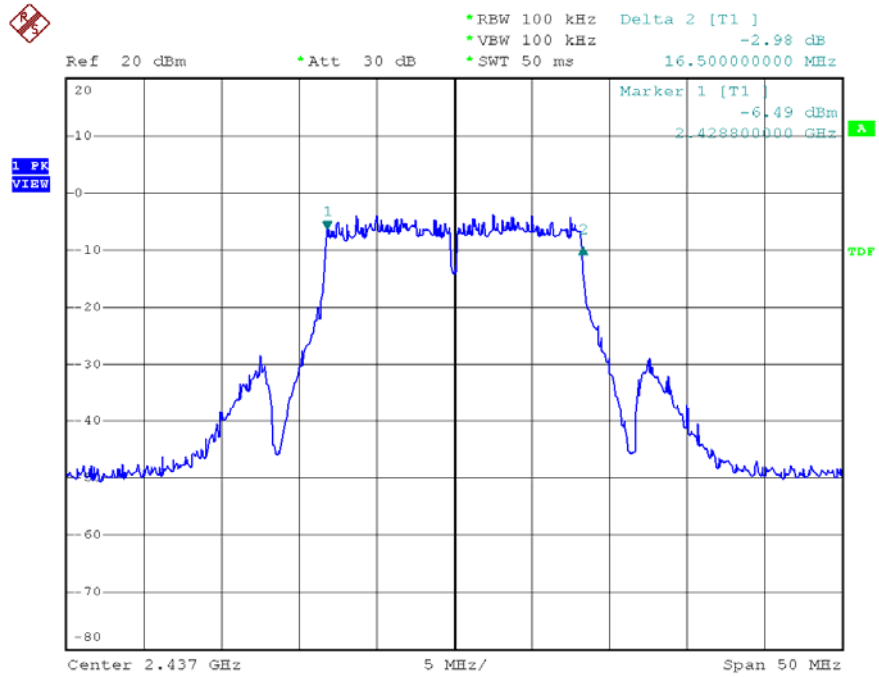
Date: 4.NOV.2008 17:27:55

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 01



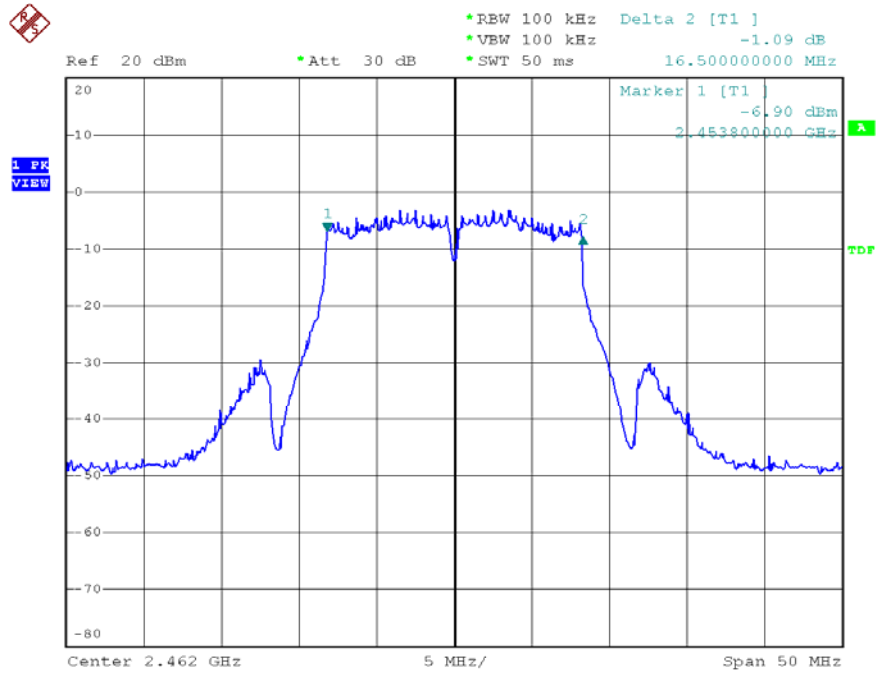
Date: 4.NOV.2008 16:58:11

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 06



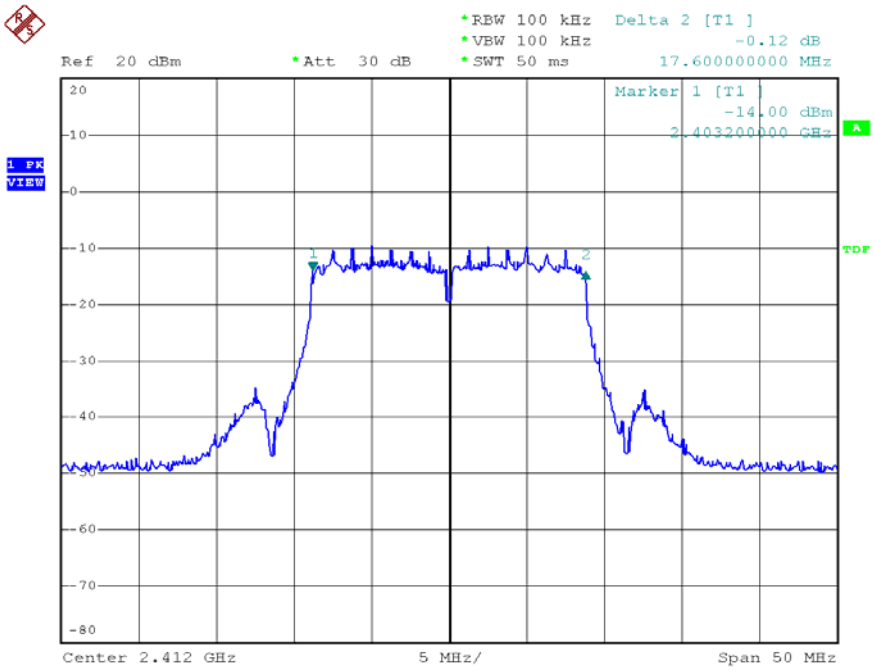
Date: 4.NOV.2008 17:03:08

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 11

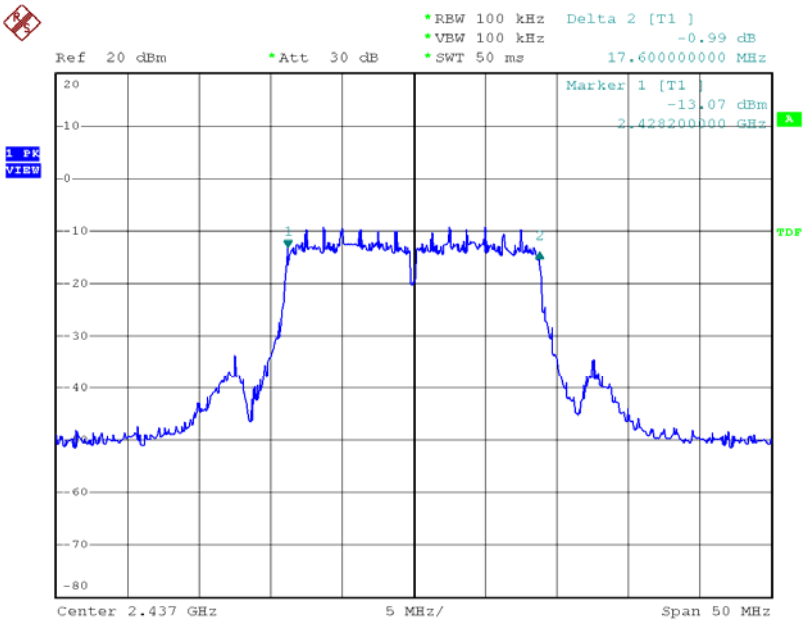


Date: 4.NOV.2008 17:08:48

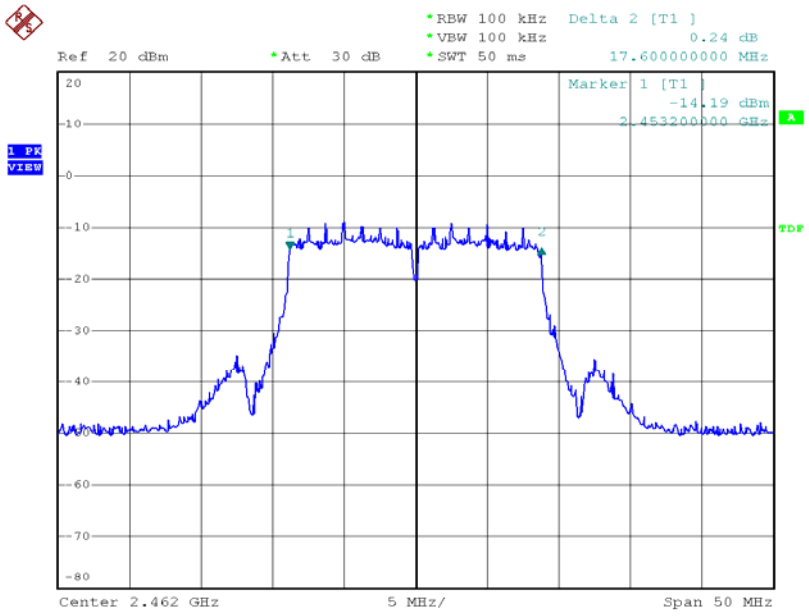
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 01



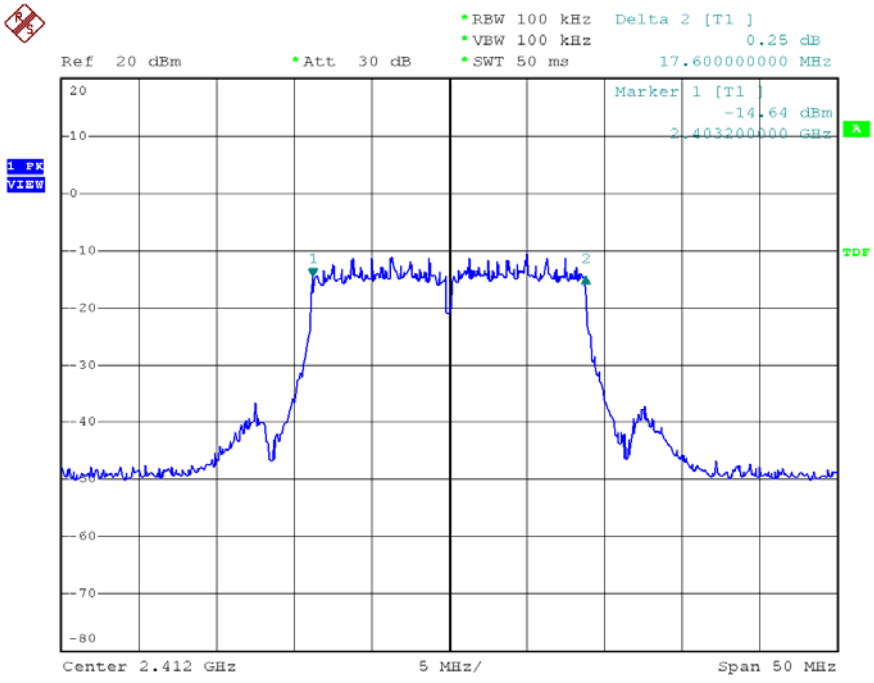
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 06



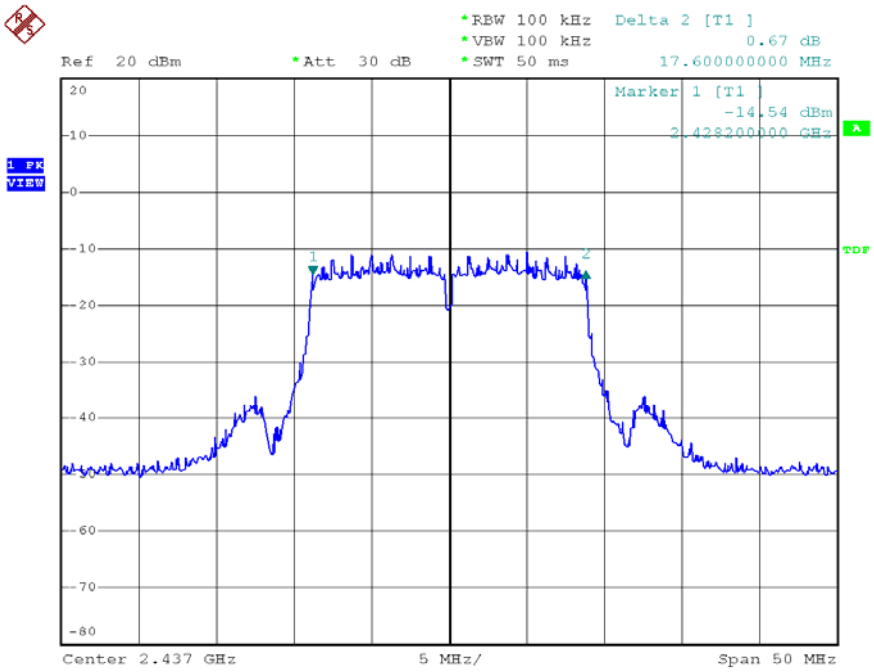
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 11



Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 01

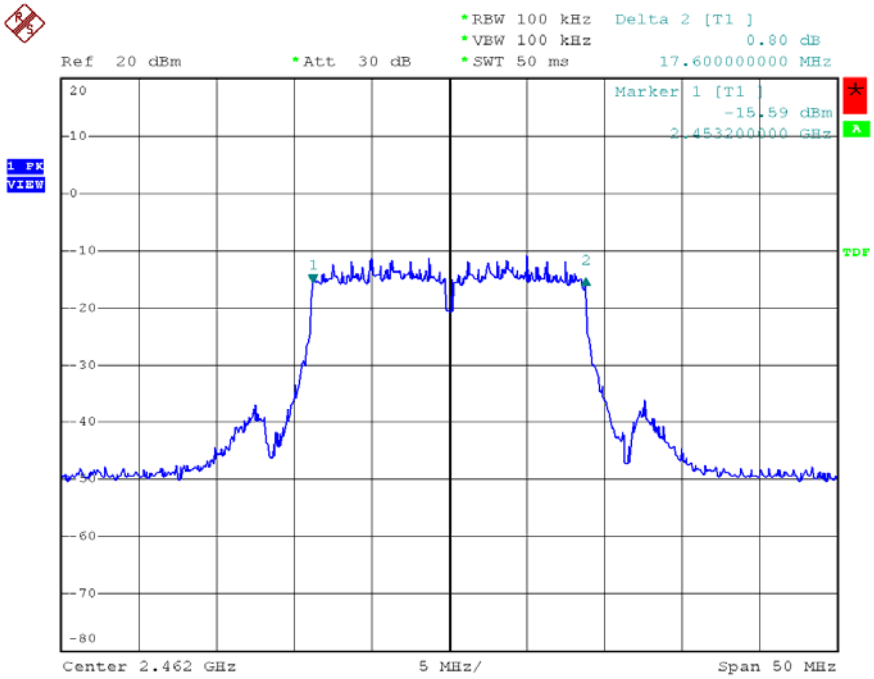


Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 06



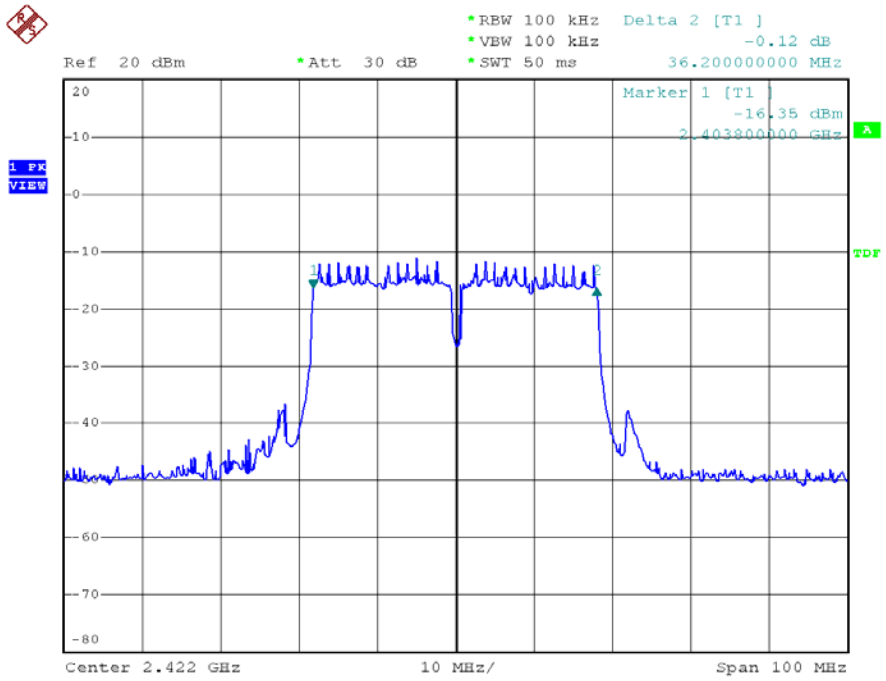
Date: 5.NOV.2008 14:39:40

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 11



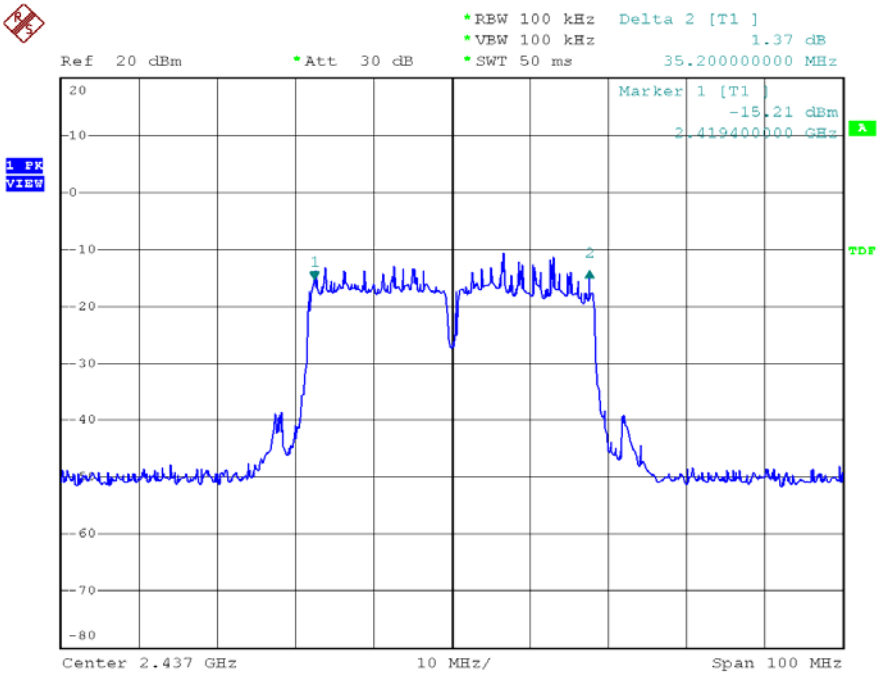
Date: 5.NOV.2008 14:41:26

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 03



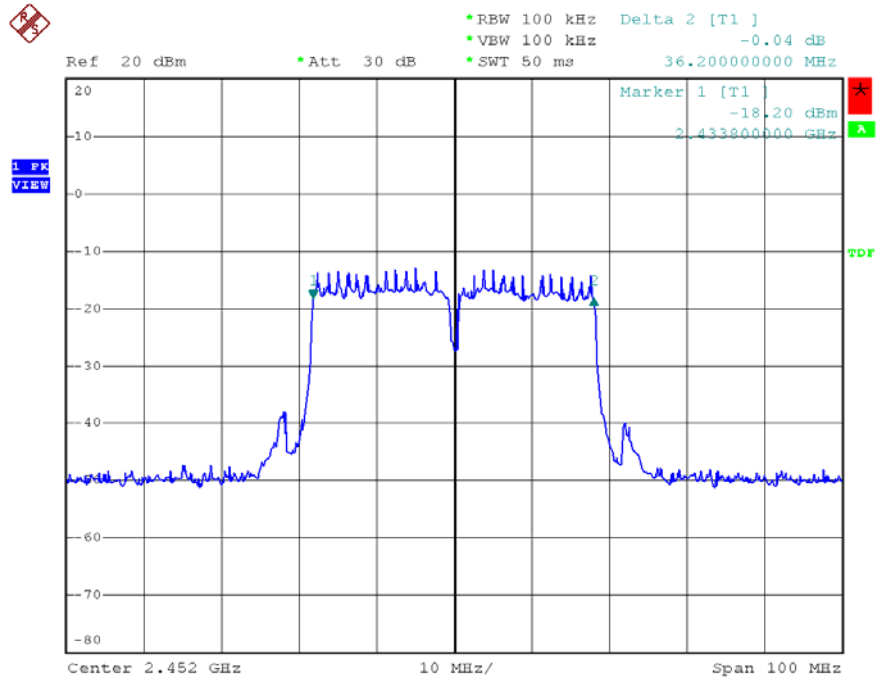
Date: 5.NOV.2008 14:59:44

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 06



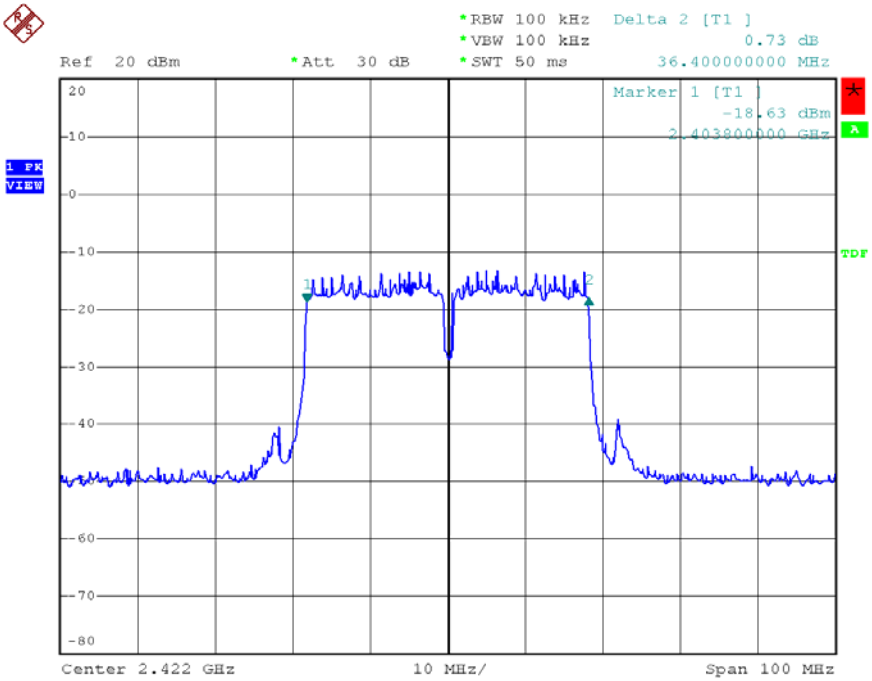
Date: 5.NOV.2008 15:00:52

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 09



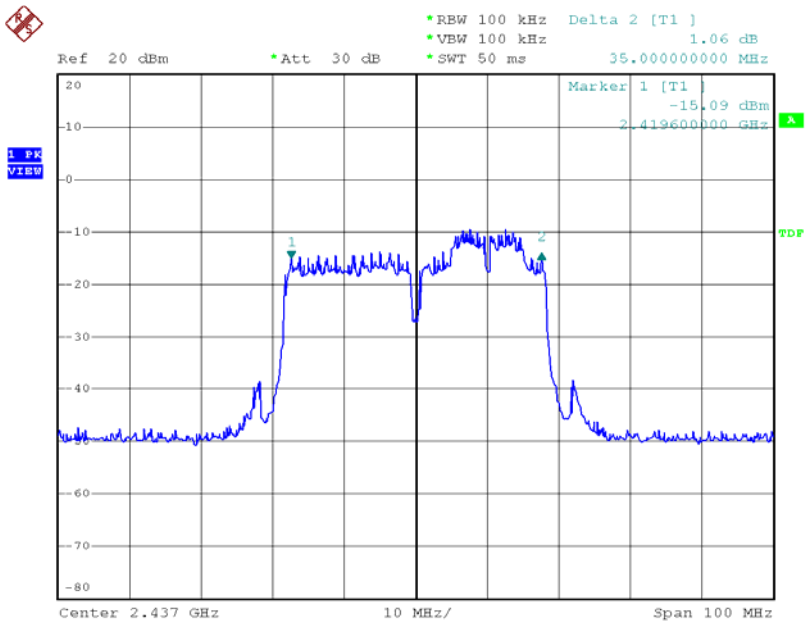
Date: 5.NOV.2008 15:04:17

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 03



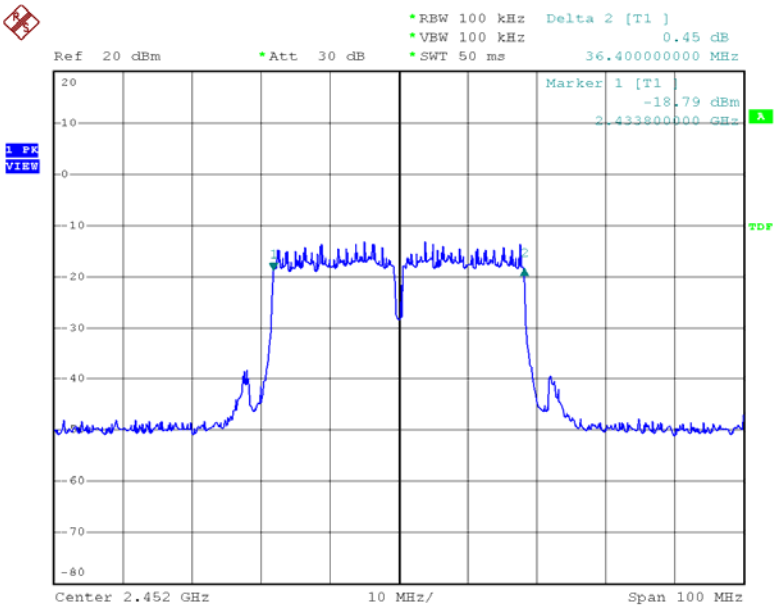
Date: 5.NOV.2008 15:08:06

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 06



Date: 5.NOV.2008 15:06:52

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 09



Date: 5.NOV.2008 15:05:27

7. Maximum Peak Output Power

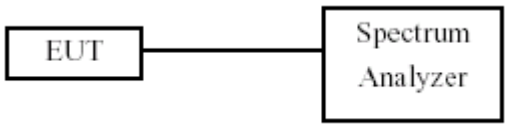
7.1 Test Limit

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 Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	FSP40	R&S	10047	2008/02/22	2009/02/21

7.5 Test Result and Data

Test Date: Nov. 05, 2008 Temperature: 20℃

Atmospheric pressure: 1008 hPa Humidity: 60%

Test Mode: IP1006GA

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)		Peak Power Output (mW)	
			TX0	TX1	TX0	TX1
802.11b (11Mbps)	01	2412	18.42	18.38	69.5	68.9
	06	2437	18.55	18.25	71.6	66.8
	11	2462	18.50	18.28	70.8	67.3
802.11g (54Mbps)	01	2412	16.45	16.71	44.2	46.9
	06	2437	16.49	16.74	44.6	47.2
	11	2462	16.44	16.84	44.1	48.3

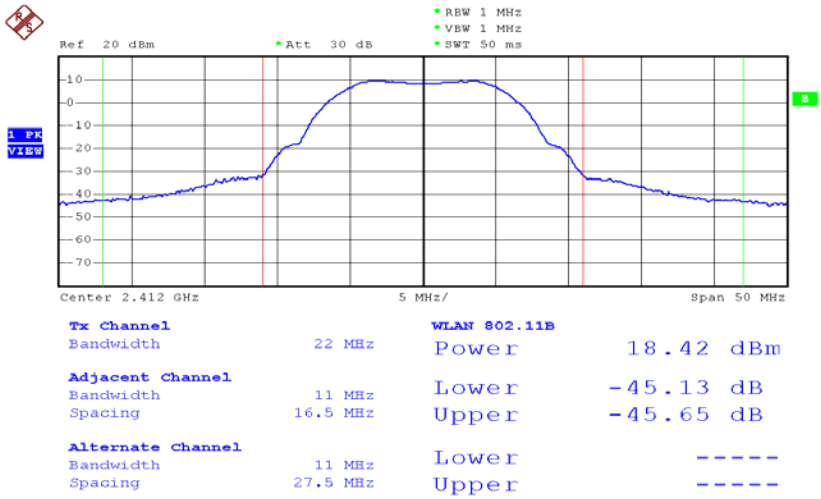
Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			TX0	TX1	ALL	ALL
802.11n HT20 (130Mbps)	01	2412	10.99	10.61	13.81	24.07
	06	2437	11.35	10.83	14.11	25.75
	11	2462	11.79	10.26	14.10	25.72
802.11n HT40 (270Mbps)	03	2422	10.73	11.24	14.00	25.13
	06	2437	10.86	11.41	14.15	26.03
	09	2452	10.46	12.04	14.33	27.11

Test Mode: IP1006GB

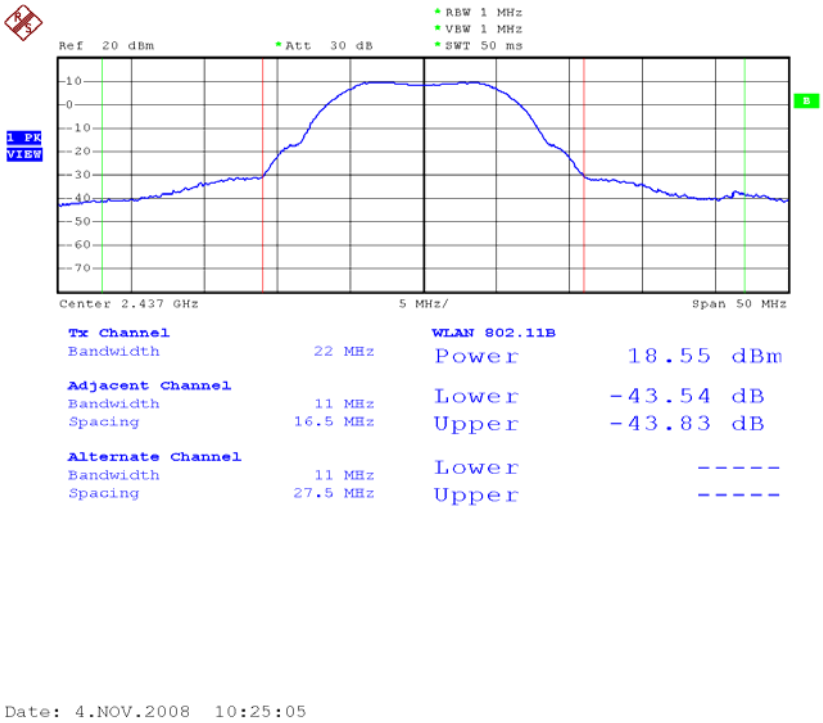
Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)		Peak Power Output (mW)	
			TX0	TX1	TX0	TX1
802.11b (11Mbps)	01	2412	18.27	18.31	69.5	68.9
	06	2437	18.77	18.27	71.6	66.8
	11	2462	18.28	18.30	70.8	67.3
802.11g (54Mbps)	01	2412	16.47	16.74	44.2	46.9
	06	2437	16.29	16.29	44.6	47.2
	11	2462	16.37	16.55	44.1	48.3

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			TX0	TX1	ALL	ALL
802.11n HT20 (130Mbps)	01	2412	11.41	10.22	13.81	24.07
	06	2437	11.76	10.64	14.11	25.75
	11	2462	11.27	10.71	14.10	25.72
802.11n HT40 (270Mbps)	03	2422	10.74	11.19	14.00	25.13
	06	2437	10.21	12.23	14.15	26.03
	09	2452	10.26	12.19	14.33	27.11

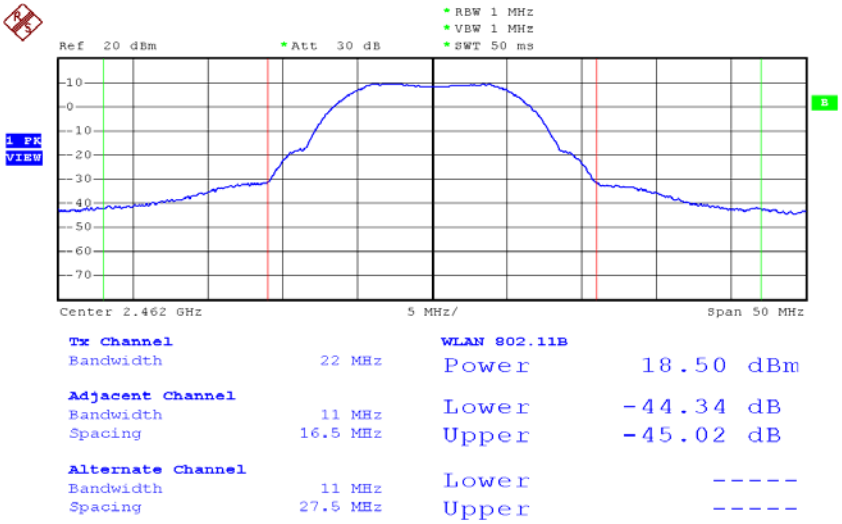
Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 01



Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 06

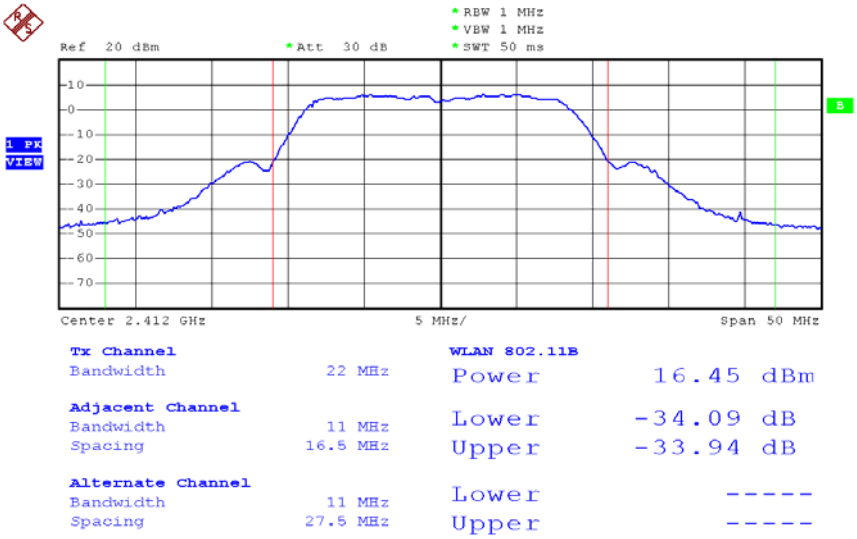


Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 11



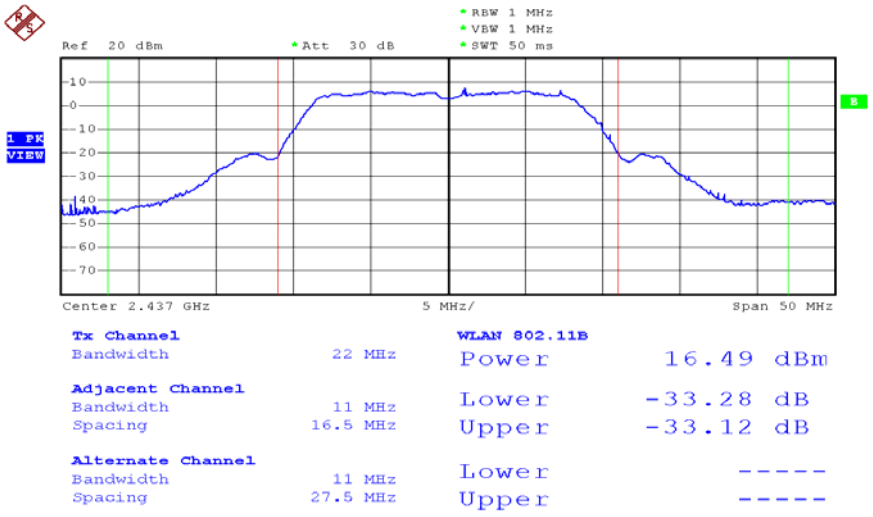
Date: 4.NOV.2008 10:35:18

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 01

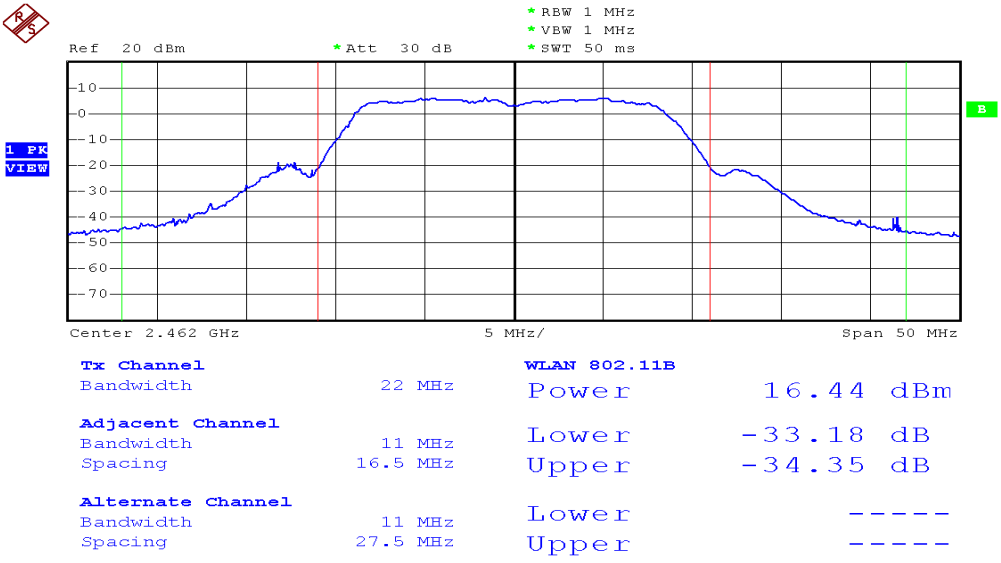


Date: 4.NOV.2008 10:39:41

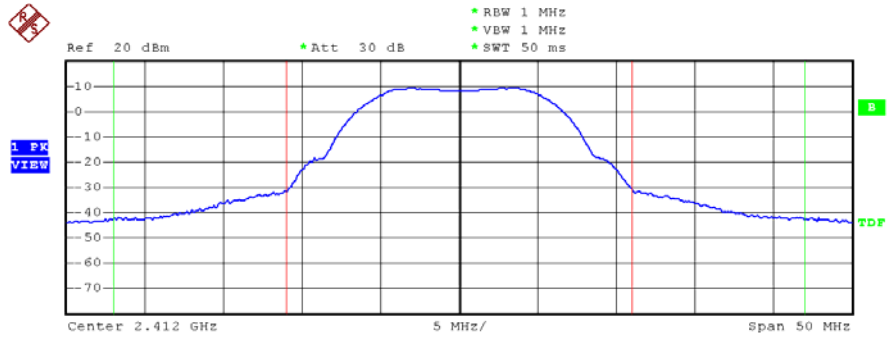
Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 06



Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 11



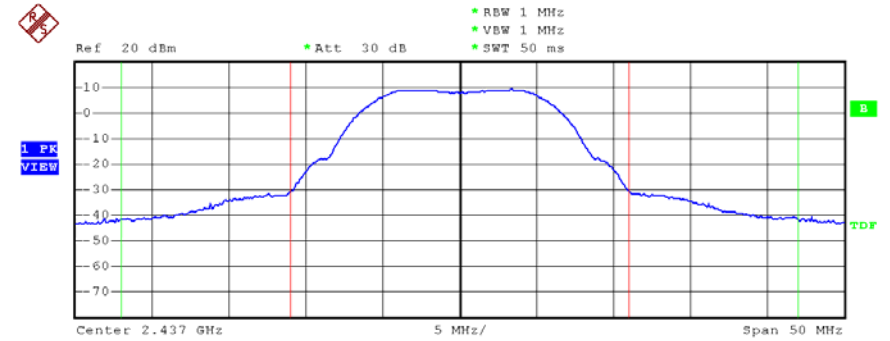
Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.38 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-45.24 dB
Spacing	16.5 MHz	Upper	-45.02 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 16:11:27

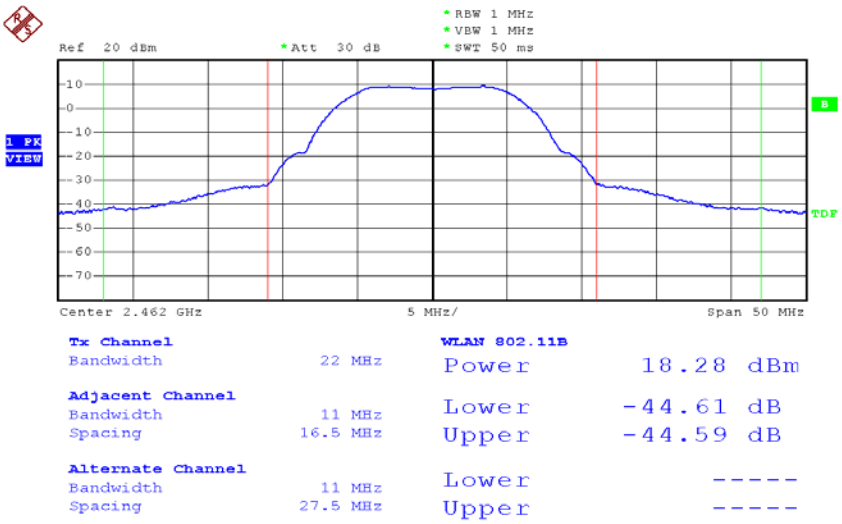
Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.25 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-43.99 dB
Spacing	16.5 MHz	Upper	-43.79 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

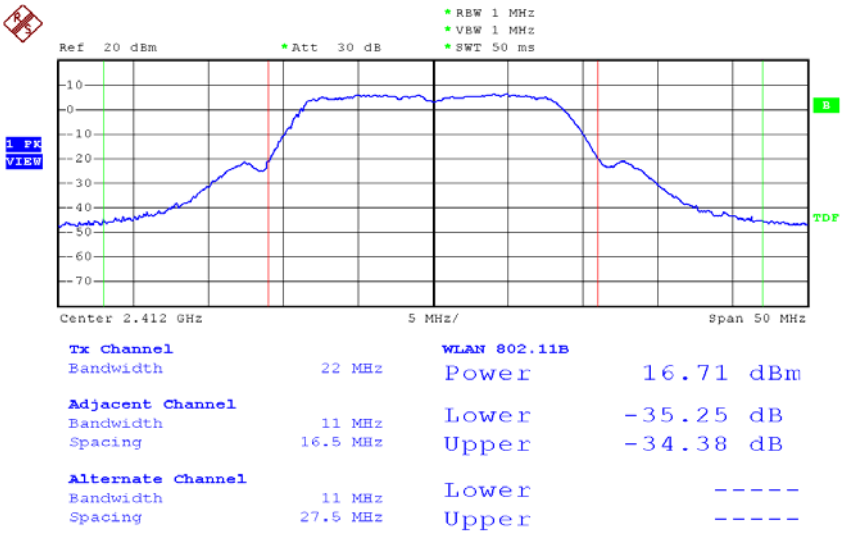
Date: 4.NOV.2008 16:17:23

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 11



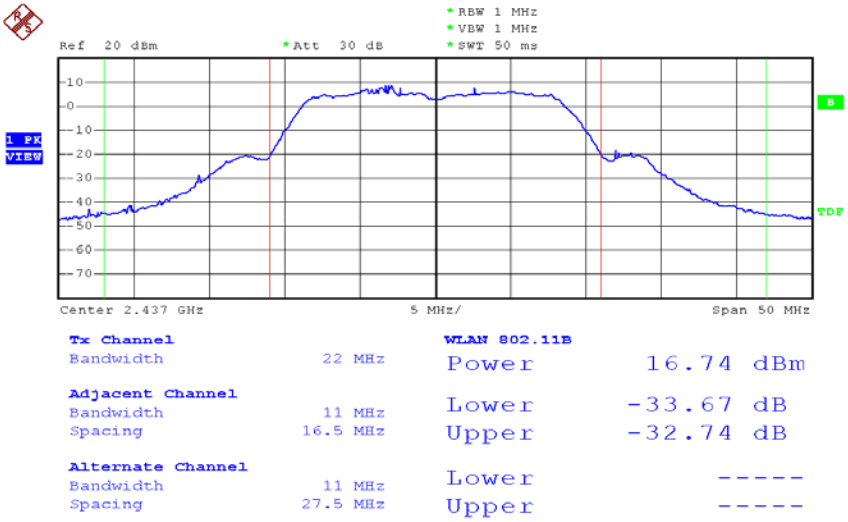
Date: 4.NOV.2008 16:26:21

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 01



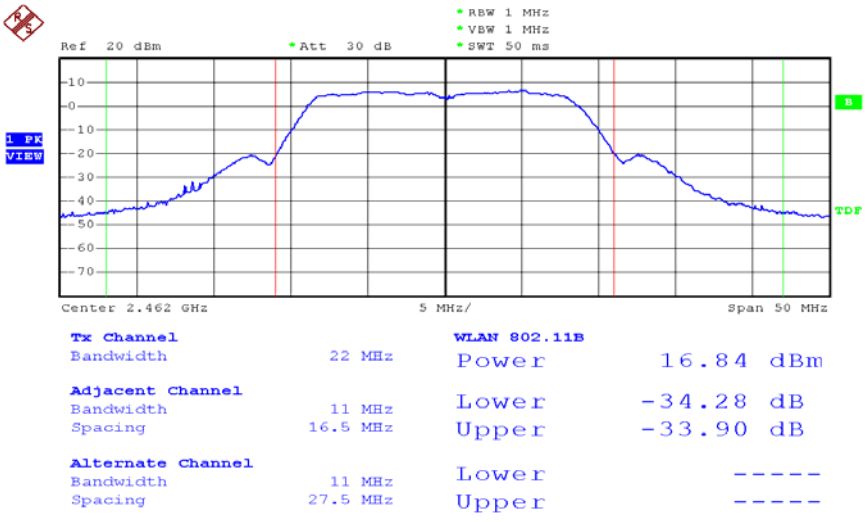
Date: 4.NOV.2008 16:33:09

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 06



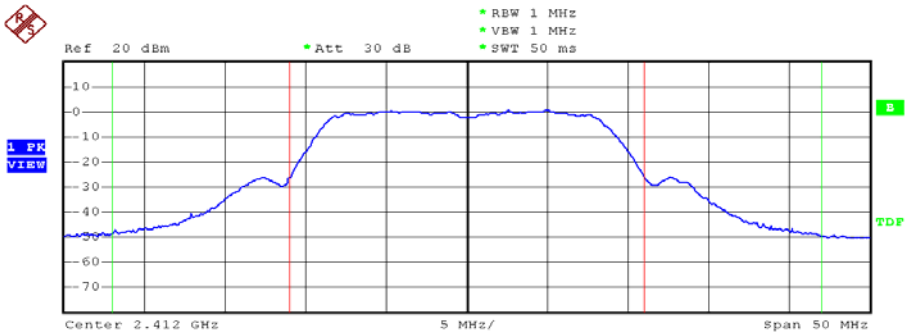
Date: 4.NOV.2008 16:44:12

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 11



Date: 4.NOV.2008 16:52:30

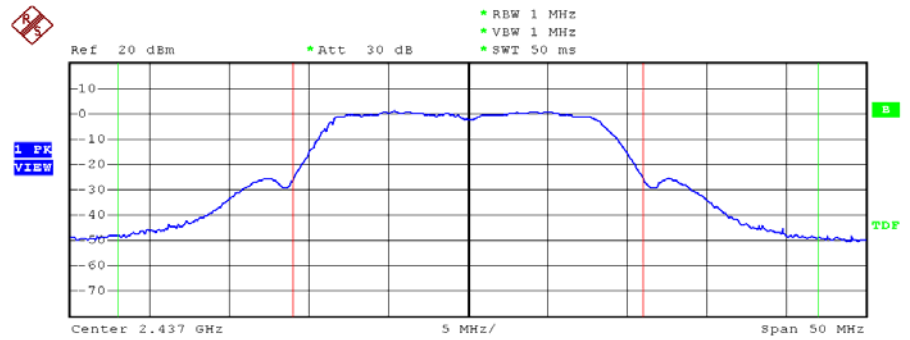
Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 01



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	10.99 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.96 dB
Spacing	16.5 MHz	Upper	-33.97 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.NOV.2008 13:19:11

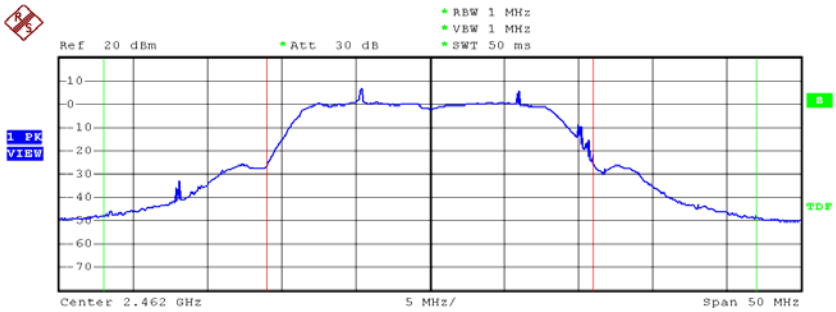
Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	11.35 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.45 dB
Spacing	16.5 MHz	Upper	-33.73 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.NOV.2008 13:21:15

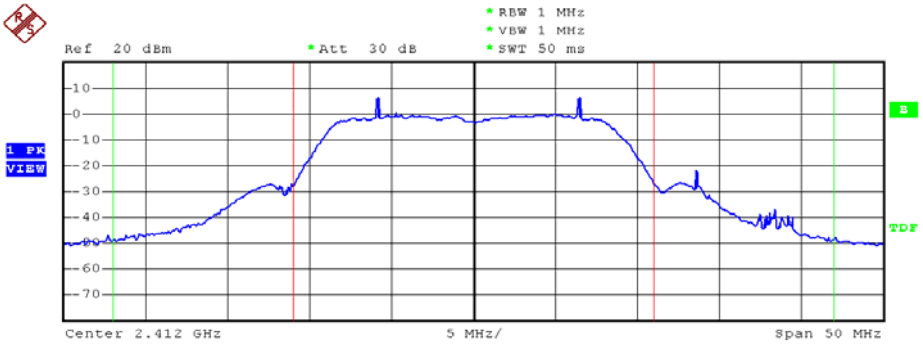
Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 11



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	11.79 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.98 dB
Spacing	16.5 MHz	Upper	-34.50 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.NOV.2008 13:32:43

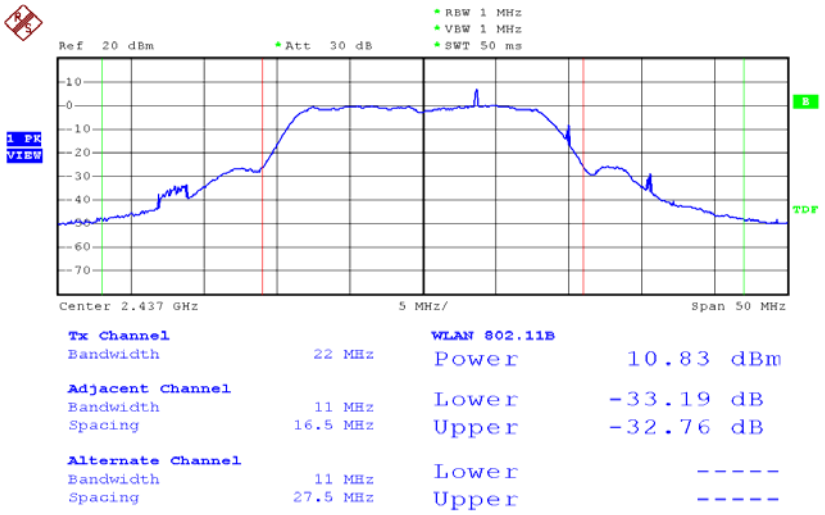
Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 01



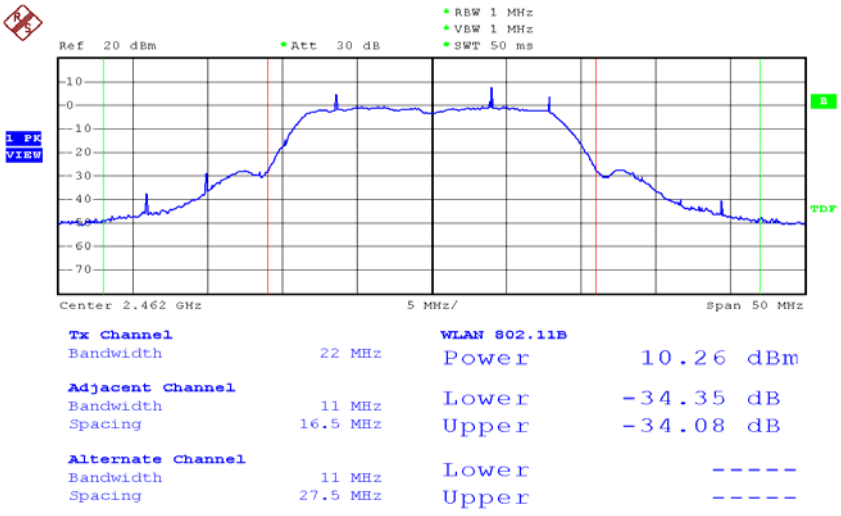
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	10.61 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-34.35 dB
Spacing	16.5 MHz	Upper	-33.03 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.NOV.2008 13:16:39

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 06

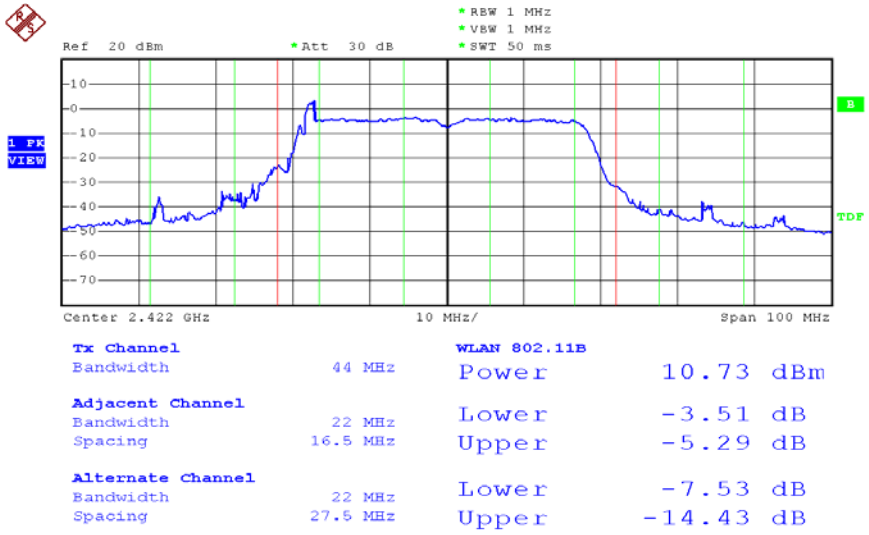


Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 11

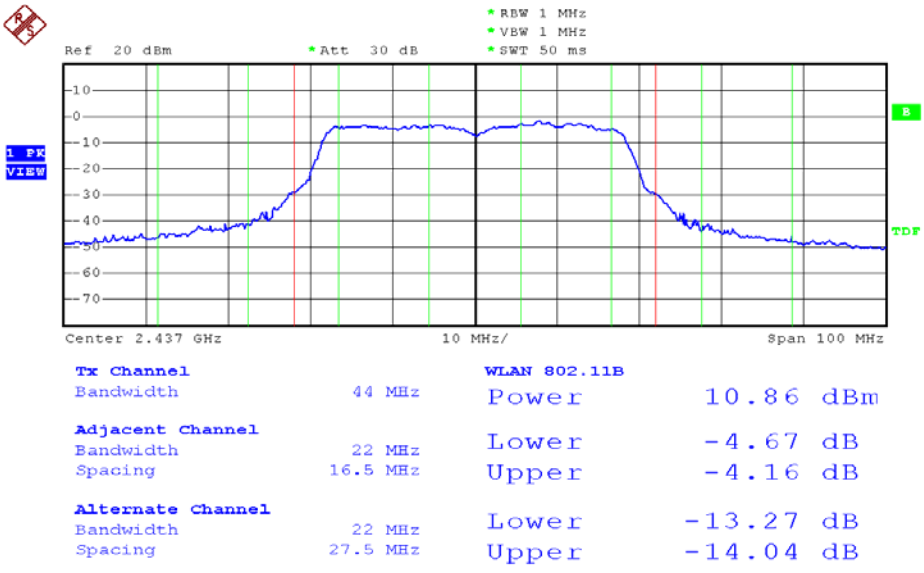


Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0

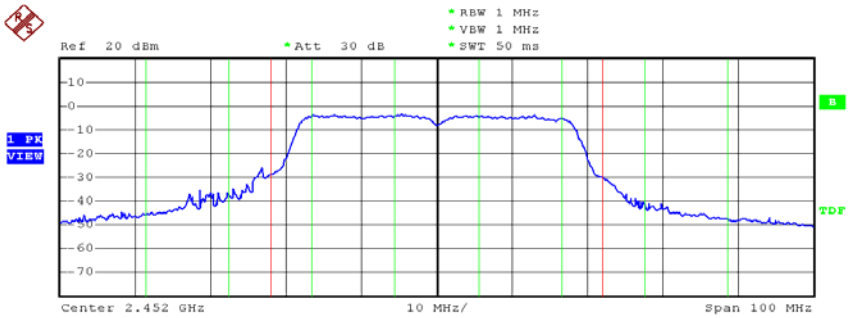
Channel: 03



Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 06



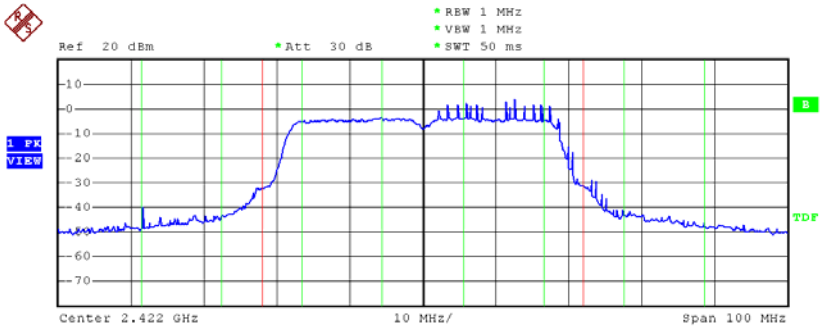
Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 09



Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	10.21 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.28 dB
Spacing	16.5 MHz	Upper	-4.81 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-12.94 dB
Spacing	27.5 MHz	Upper	-13.78 dB

Date: 5.NOV.2008 14:25:34

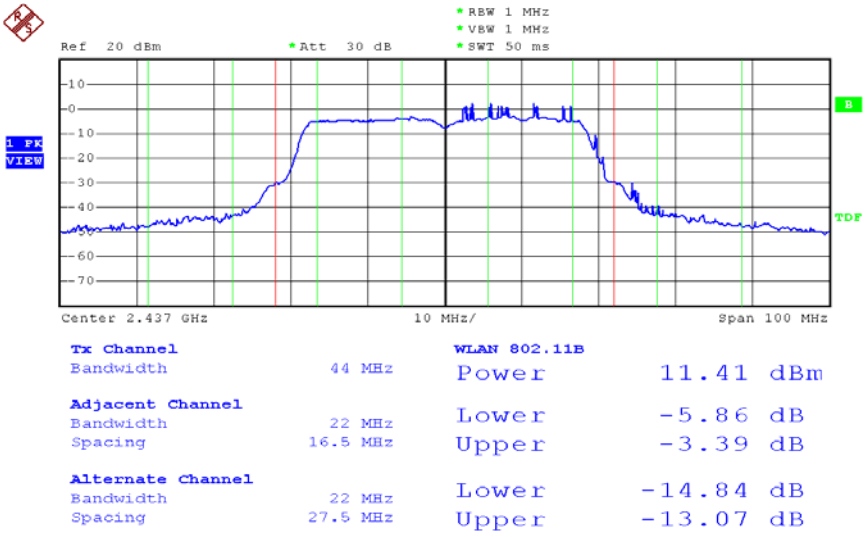
Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 03



Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	11.24 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-5.75 dB
Spacing	16.5 MHz	Upper	-3.37 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-14.94 dB
Spacing	27.5 MHz	Upper	-11.64 dB

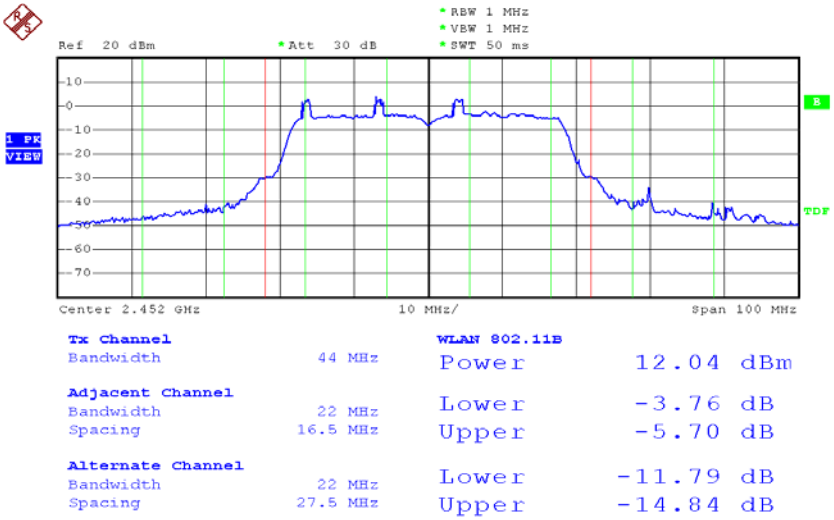
Date: 5.NOV.2008 13:59:03

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 06



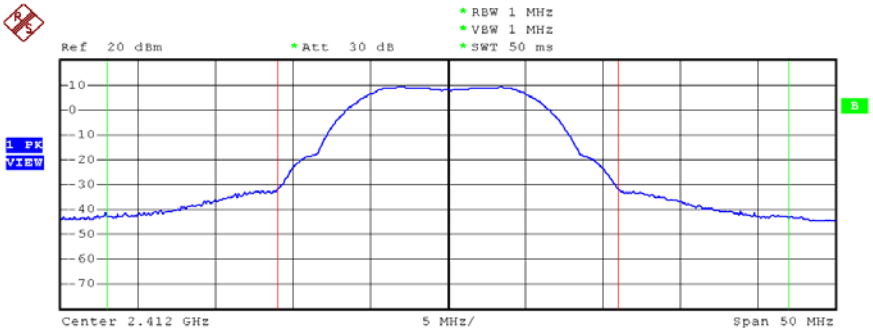
Date: 5.NOV.2008 14:09:18

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 09



Date: 5.NOV.2008 14:13:02

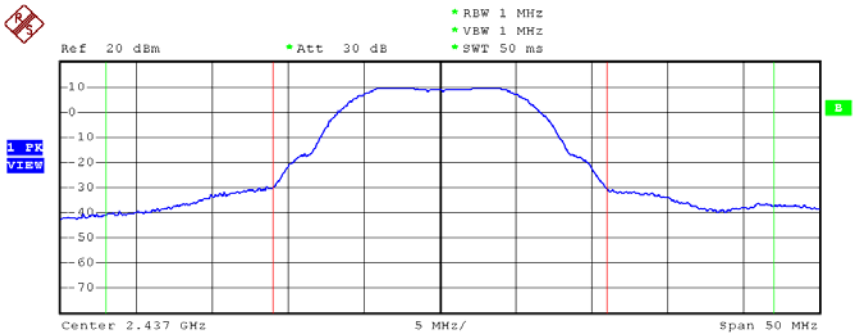
Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 01



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.27 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-45.07 dB
Spacing	16.5 MHz	Upper	-45.47 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 10:19:20

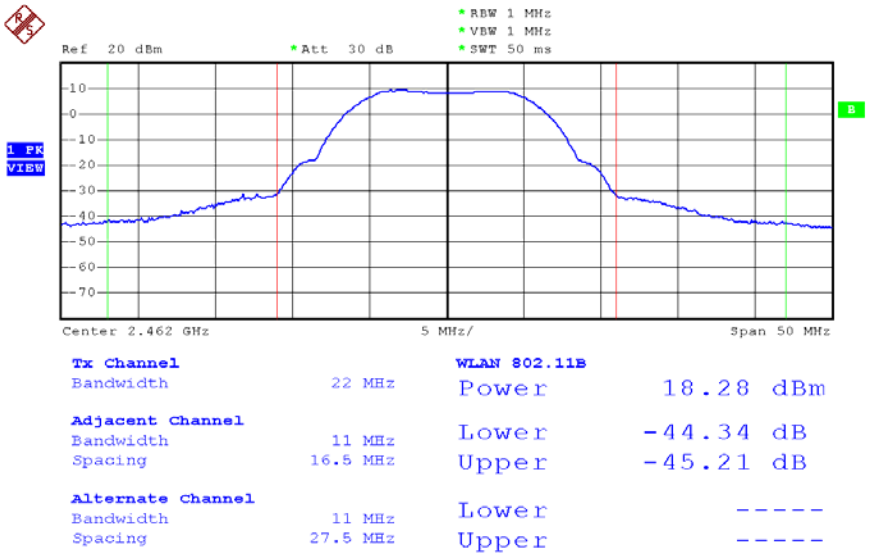
Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.77 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-43.42 dB
Spacing	16.5 MHz	Upper	-43.66 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

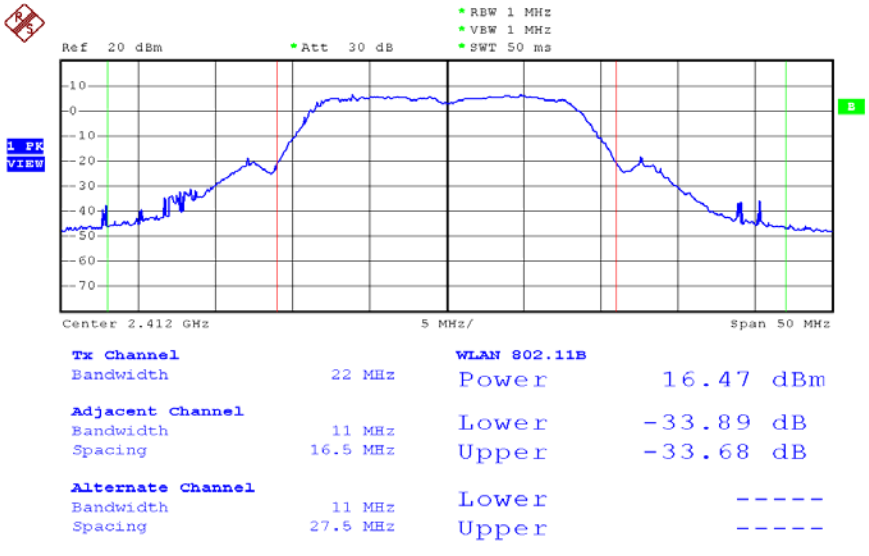
Date: 4.NOV.2008 10:28:28

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 11



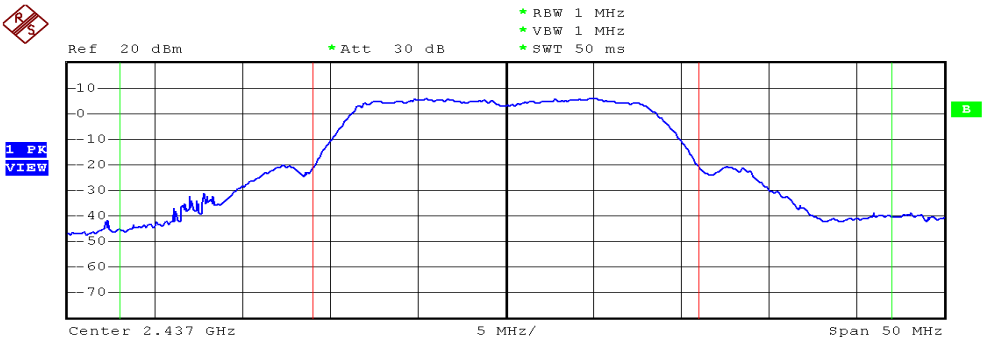
Date: 4.NOV.2008 10:36:52

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 01



Date: 4.NOV.2008 10:42:41

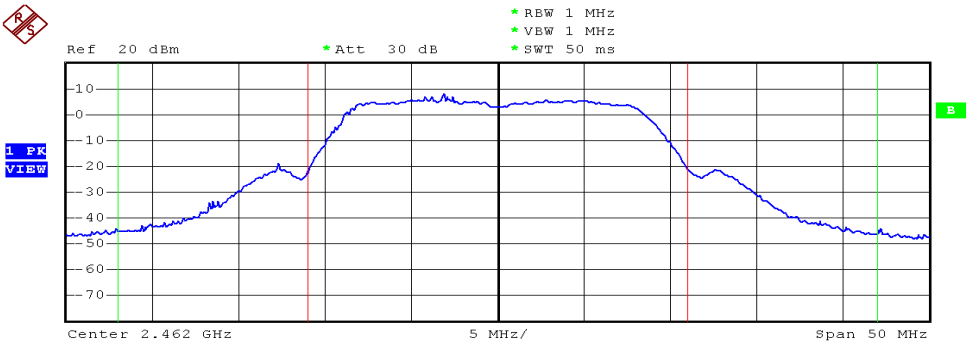
Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.29 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.26 dB
Spacing	16.5 MHz	Upper	-33.28 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 10:57:15

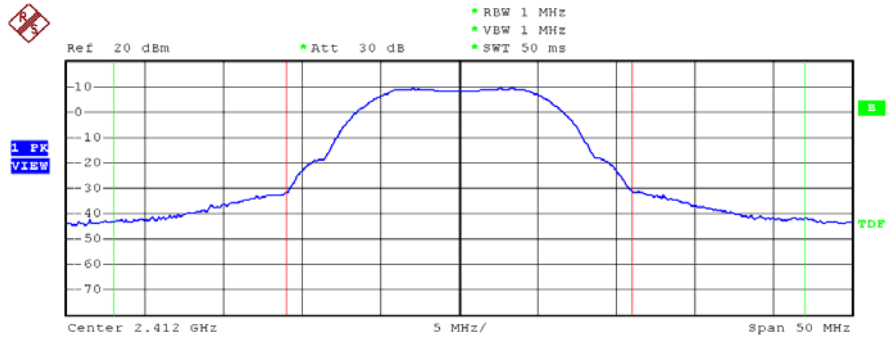
Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 11



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.37 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.96 dB
Spacing	16.5 MHz	Upper	-34.52 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 11:05:55

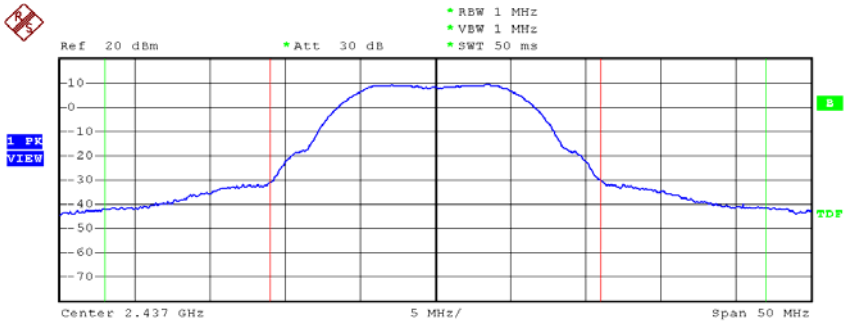
Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	18.31 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-45.42 dB
Spacing	16.5 MHz	Upper	-44.94 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 16:13:50

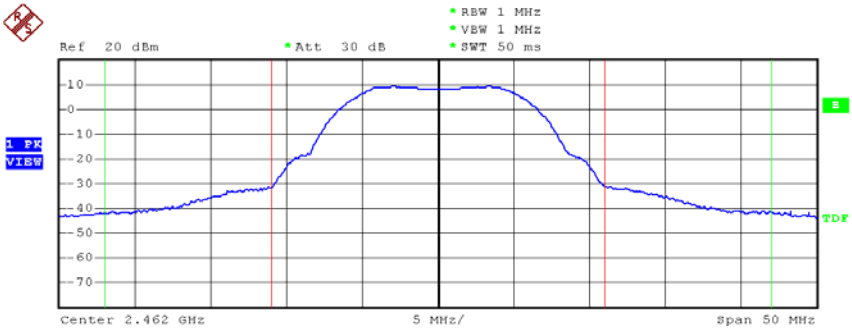
Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	18.27 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-44.23 dB
Spacing	16.5 MHz	Upper	-44.09 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 16:19:27

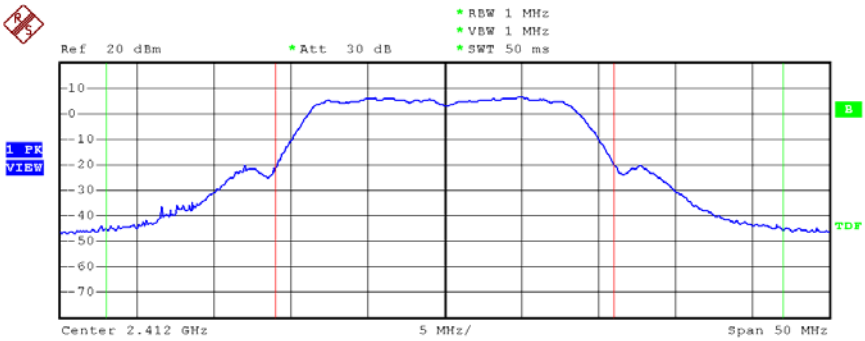
Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 11



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.30 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-44.46 dB
Spacing	16.5 MHz	Upper	-44.20 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 4.NOV.2008 16:30:31

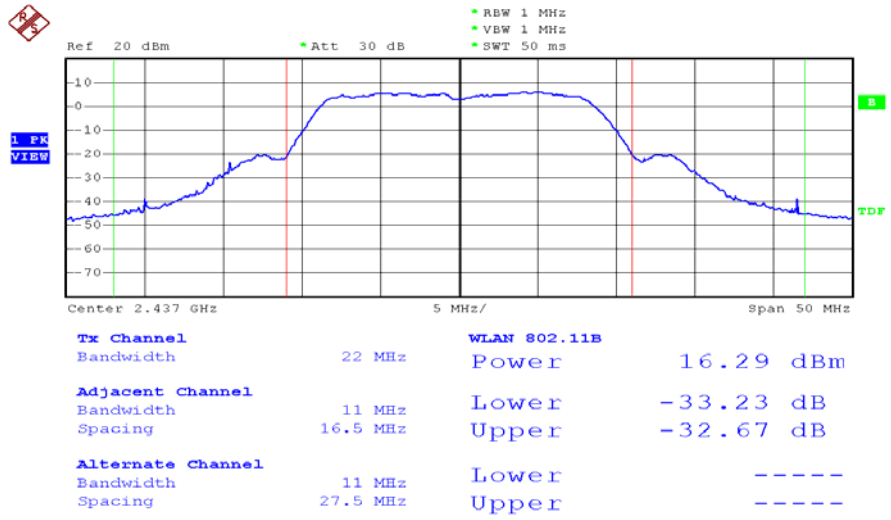
Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 01



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.74 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-34.85 dB
Spacing	16.5 MHz	Upper	-34.19 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

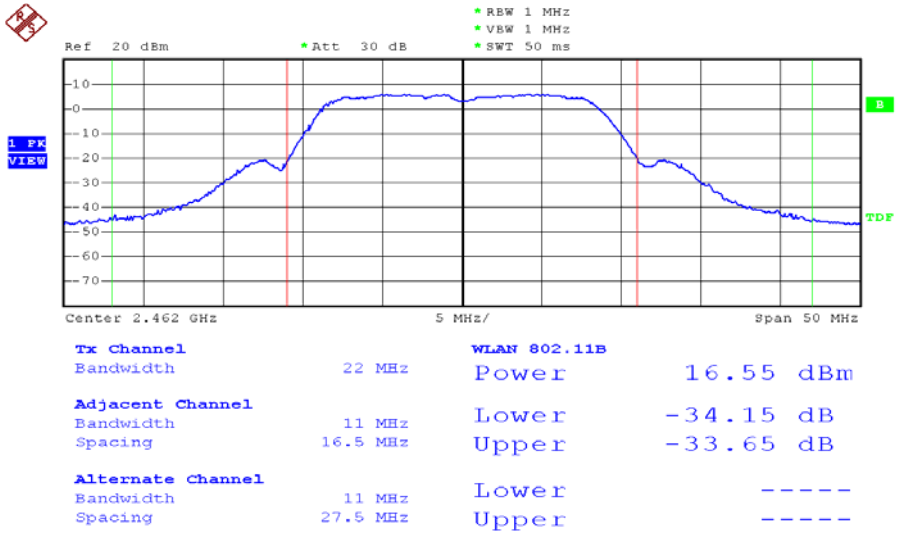
Date: 4.NOV.2008 16:37:19

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 06



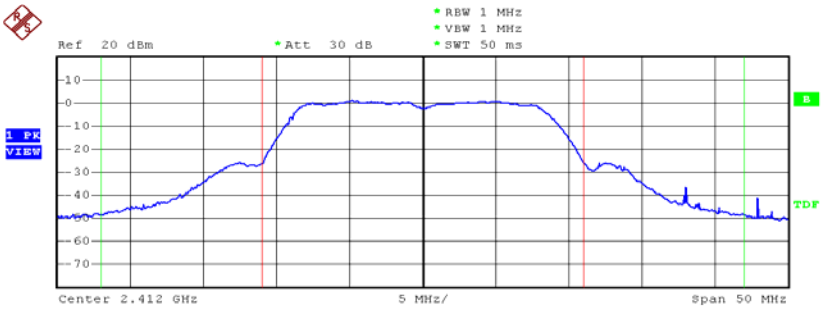
Date: 4.NOV.2008 16:46:24

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 11



Date: 4.NOV.2008 16:54:21

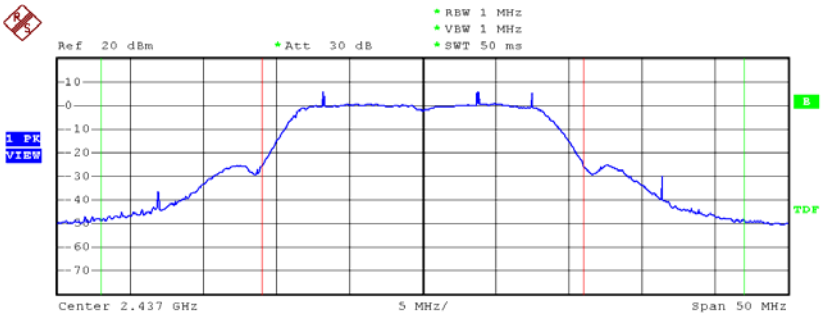
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 01



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	11.41 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.59 dB
Spacing	16.5 MHz	Upper	-33.81 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.NOV.2008 13:35:10

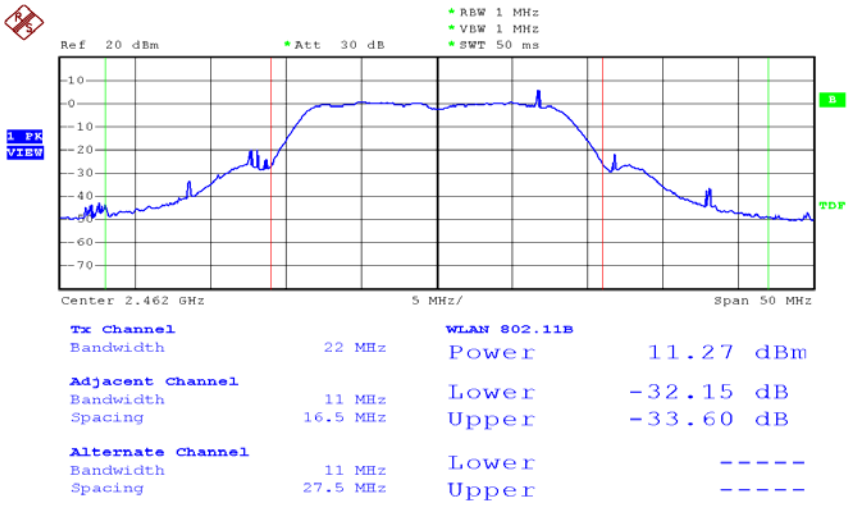
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	11.76 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.50 dB
Spacing	16.5 MHz	Upper	-33.78 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

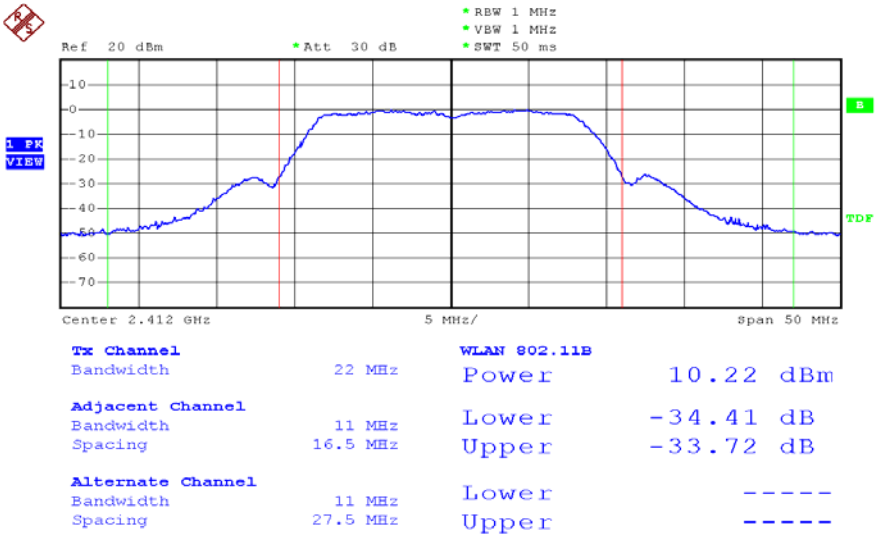
Date: 5.NOV.2008 13:42:38

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 11



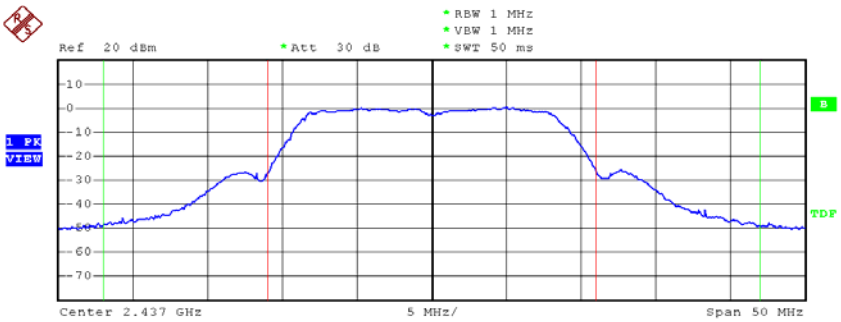
Date: 5.NOV.2008 13:47:20

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 01



Date: 5.NOV.2008 13:36:22

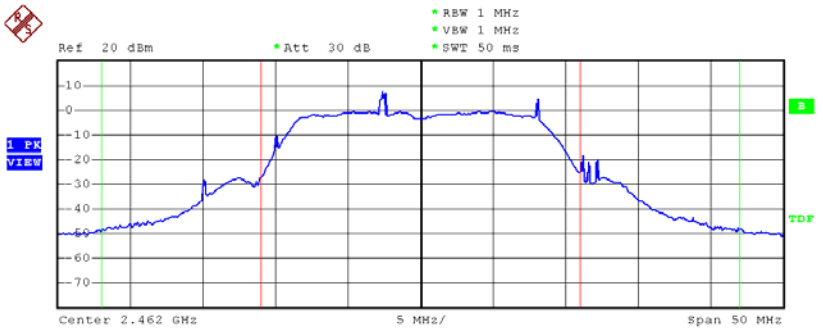
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	10.64 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-33.62 dB
Spacing	16.5 MHz	Upper	-33.21 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.NOV.2008 13:38:30

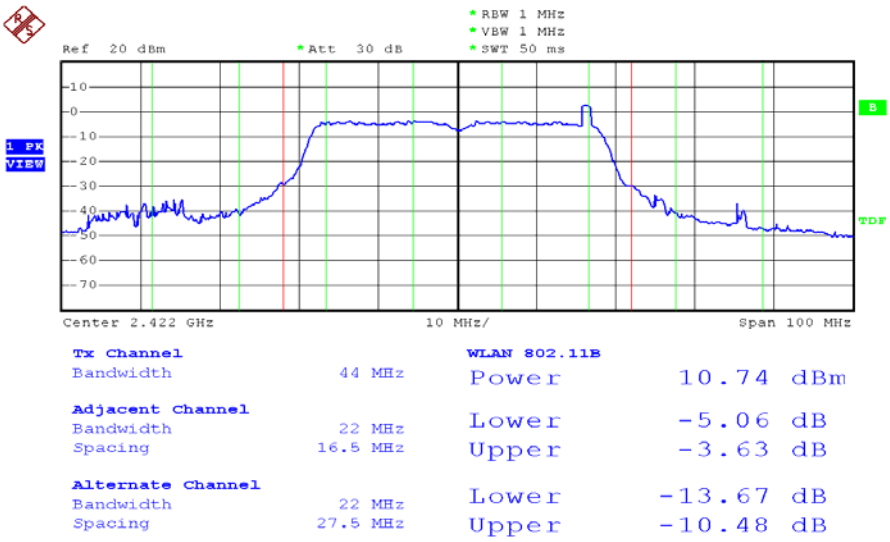
Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 11



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	10.71 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-34.50 dB
Spacing	16.5 MHz	Upper	-31.41 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

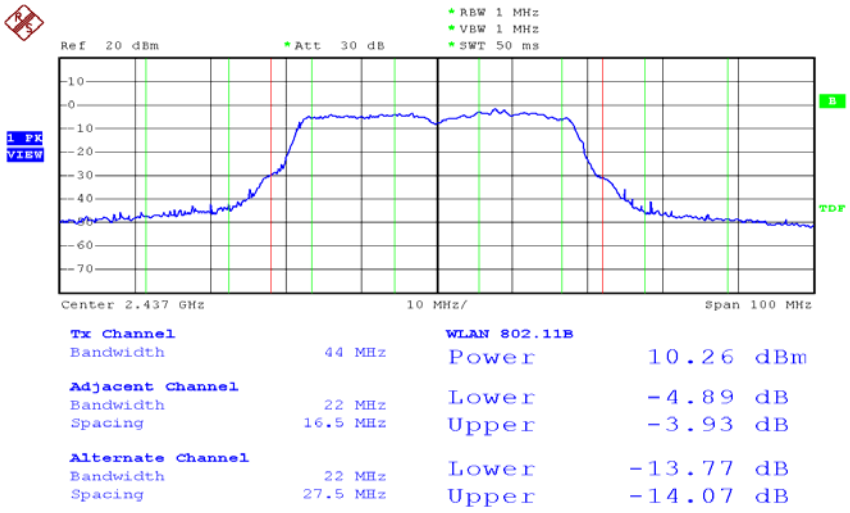
Date: 5.NOV.2008 13:50:52

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 03



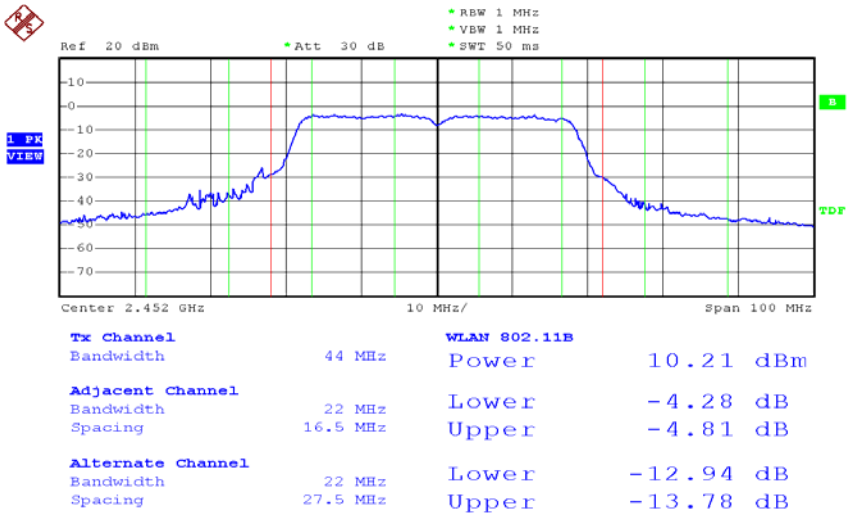
Date: 5.NOV.2008 14:16:54

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 06



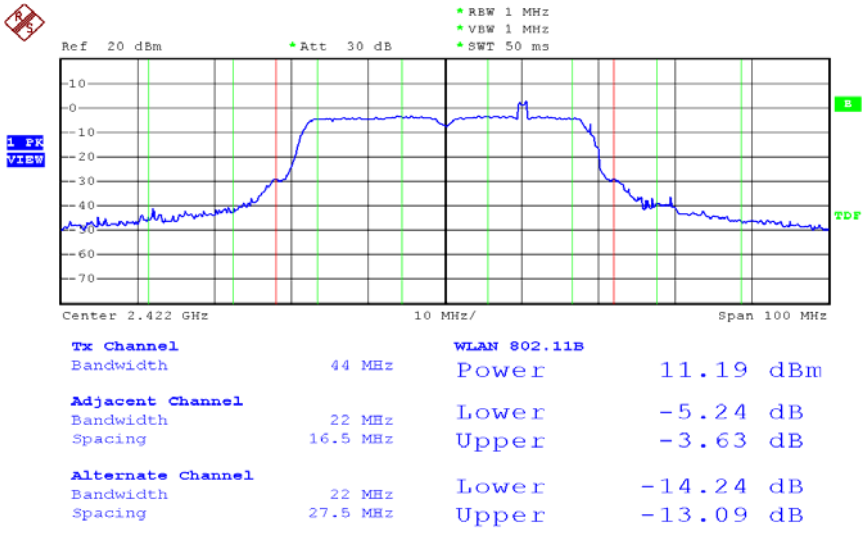
Date: 5.NOV.2008 14:22:37

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 09



Date: 5.NOV.2008 14:25:34

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 03



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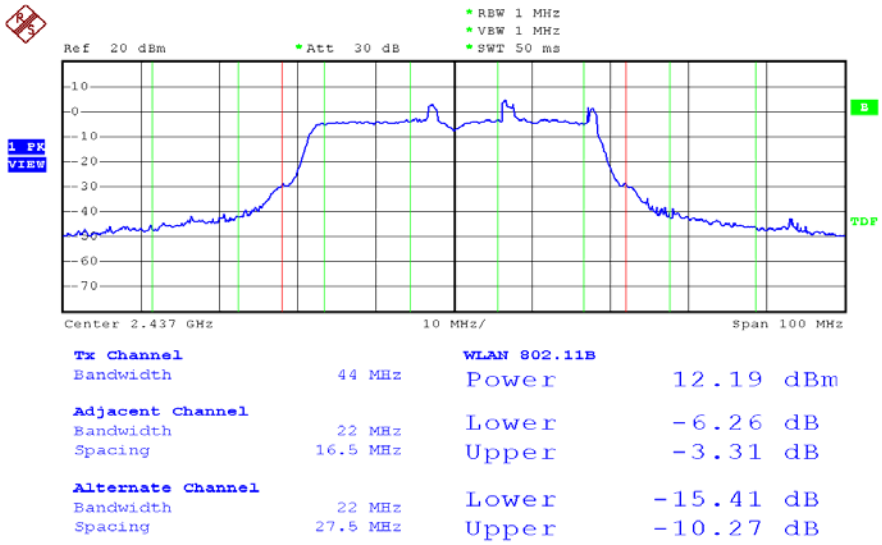
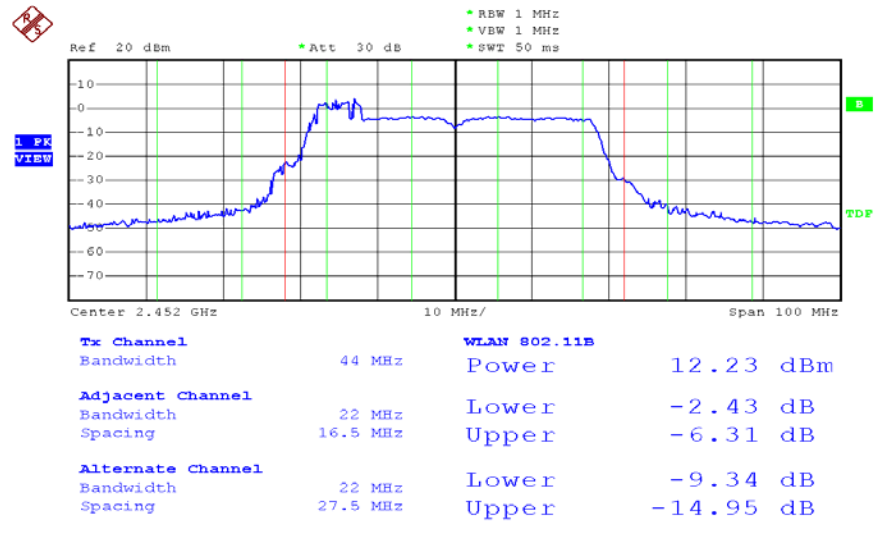
Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 06



Date: 5.NOV.2008 14:22:12

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 09



Date: 5.NOV.2008 14:27:31

8. Band Edges Measurement

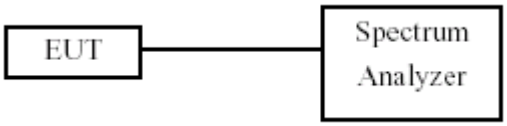
8.1 Test Limit

Below –20dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

8.2 Test Procedure

a. The transmitter output was connected to the spectrum analyzer via a low lose cable.
b. Set both RBW and VBW of spectrum analyzer to 100 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
c. The band edges was measured and recorded.

8.3 Test Setup Layout



8.4 Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	FSP40	R&S	10047	2008/02/22	2009/02/21

8.5 Test Result and Data

Test Date: Nov. 05, 2008 Temperature: 20℃

Atmospheric pressure: 1008 hPa Humidity: 60%

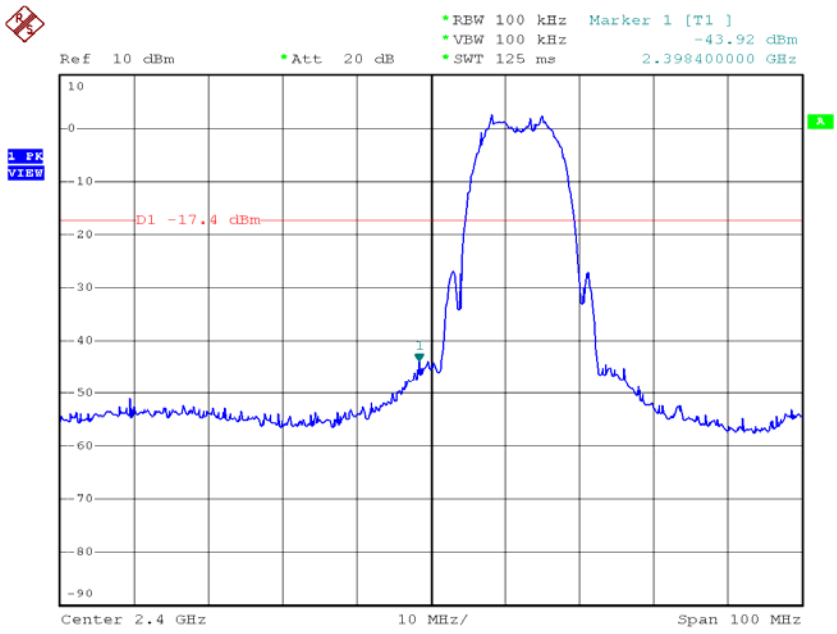
Test Mode: IP1006GA

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			TX0	TX1	TX0	TX1
802.11b (11Mbps)	01	2412	2398.40	2399.00	-43.92	-43.07
	11	2462	2484.70	2590.00	-53.09	-50.46
802.11g (54Mbps)	01	2412	2399.60	2399.40	-29.47	-29.79
	11	2462	2484.70	2499.90	-54.23	-54.11
802.11n HT20 (130Mbps)	01	2412	2399.40	2399.40	-33.23	-36.08
	11	2462	2483.90	2483.90	-56.70	-55.89
802.11n HT40 (270Mbps)	03	2422	2399.40	2399.40	-41.57	-42.36
	09	2452	2489.50	2493.30	-55.00	-55.51

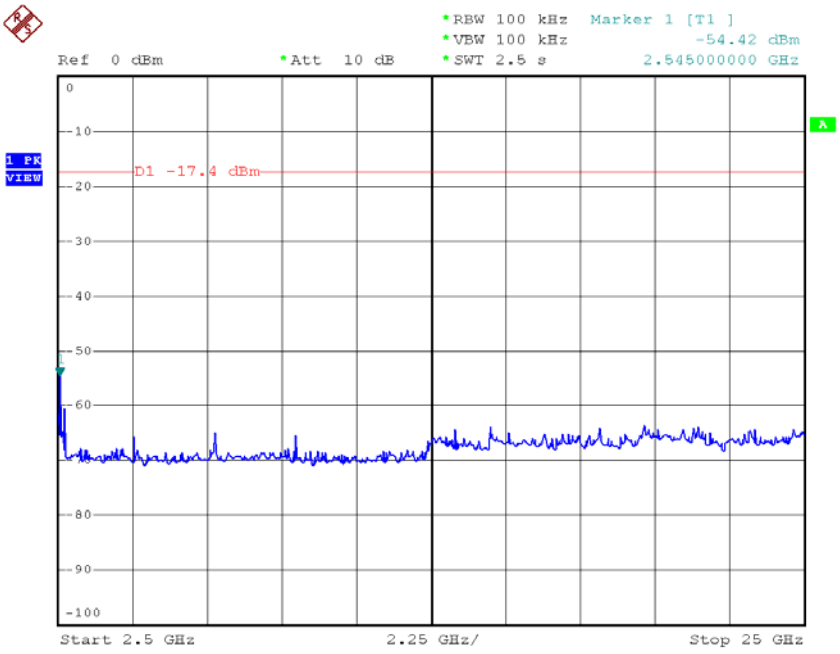
Test Mode: IP1006GB

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			TX0	TX1	TX0	TX1
802.11b (11Mbps)	01	2412	2399.40	2399.60	-44.02	-43.05
	11	2462	2860.00	2590.00	-51.56	-49.08
802.11g (54Mbps)	01	2412	2399.40	2399.40	-29.29	--29.86
	11	2462	2491.50	2484.30	-54.54	-54.50
802.11n HT20 (130Mbps)	01	2412	2399.60	2399.40	-35.51	-37.79
	11	2462	2505.10	2484.45	-56.87	-56.98
802.11n HT40 (270Mbps)	03	2422	2399.60	2399.40	-40.74	-41.91
	09	2452	2484.50	2484.50	-53.84	-54.14

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 01

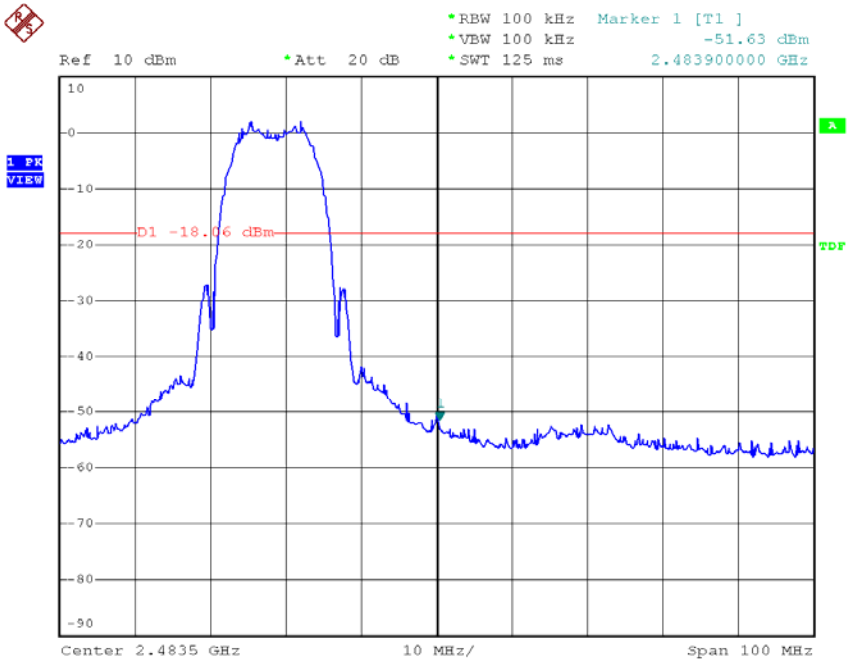


Date: 4.NOV.2008 11:35:19

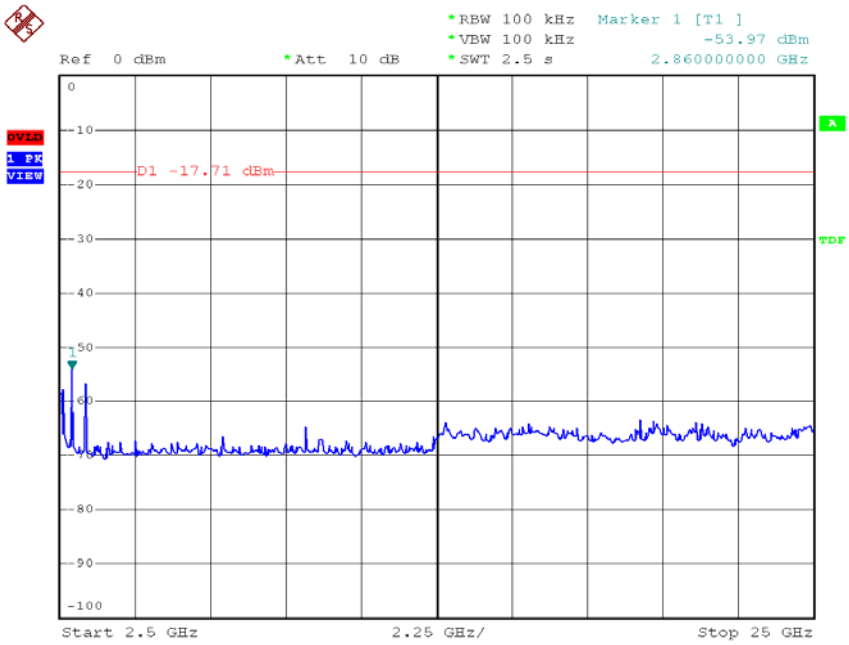


Date: 4.NOV.2008 11:35:46

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 11

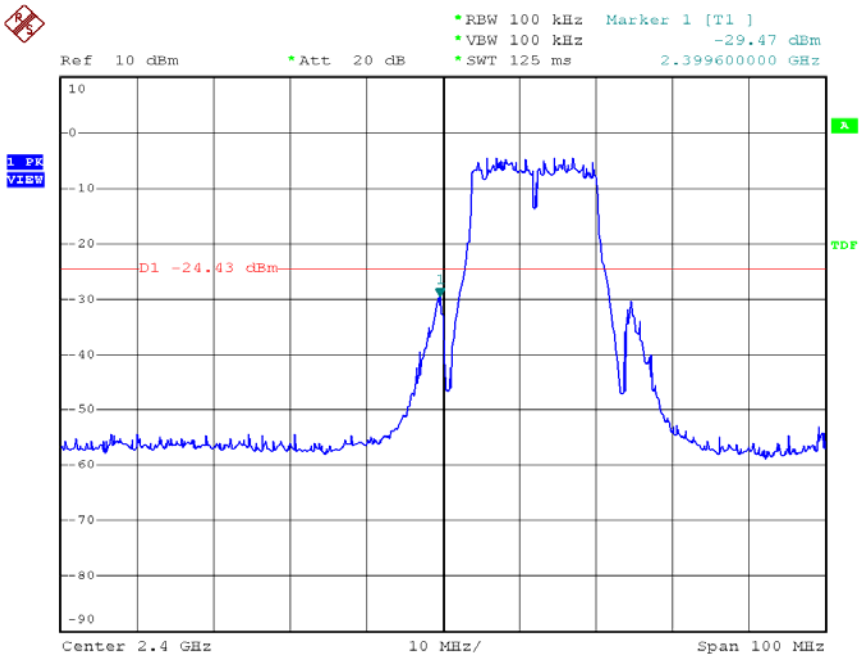


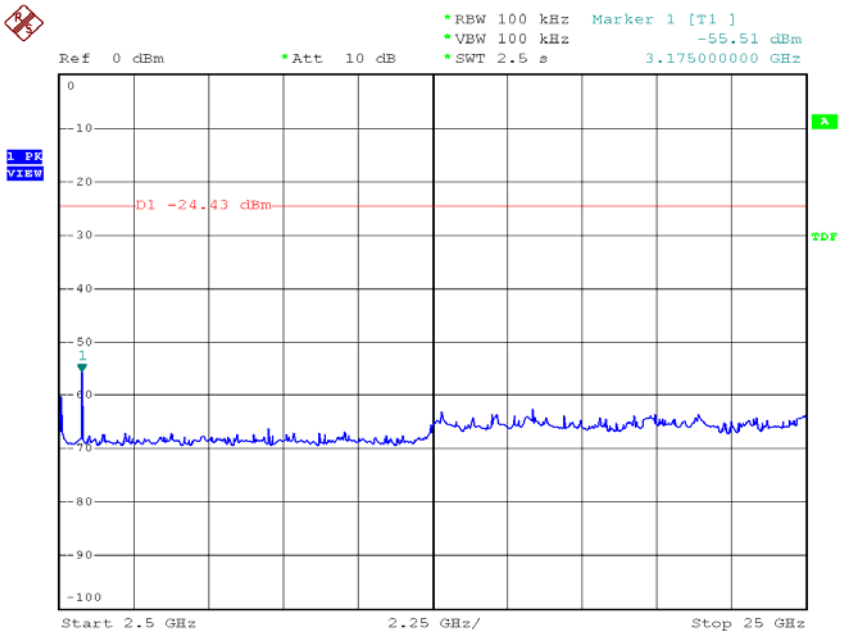
Date: 4.NOV.2008 17:40:03



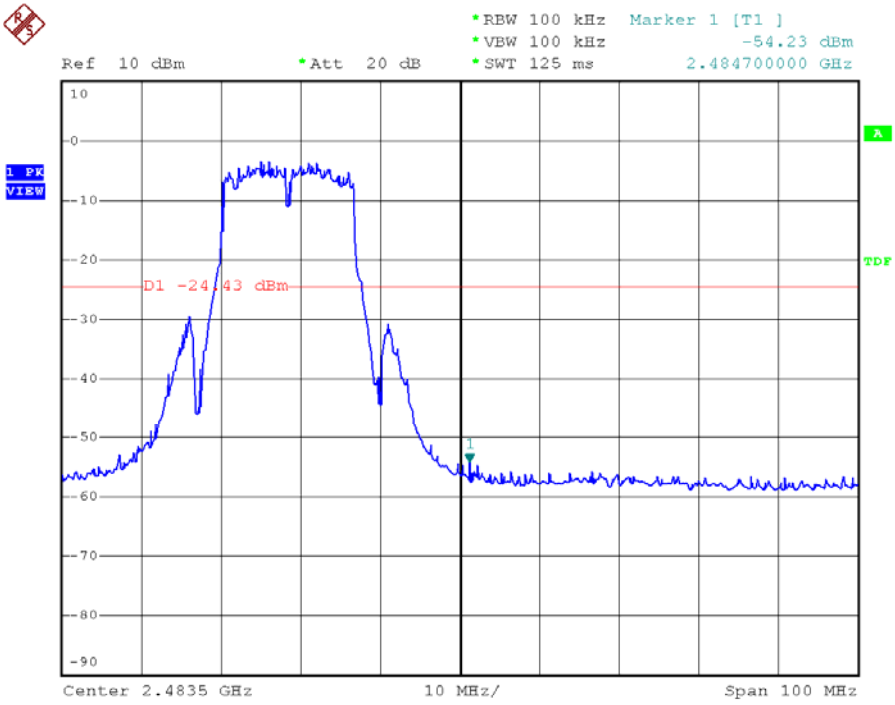
Date: 4.NOV.2008 11:40:42

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 01

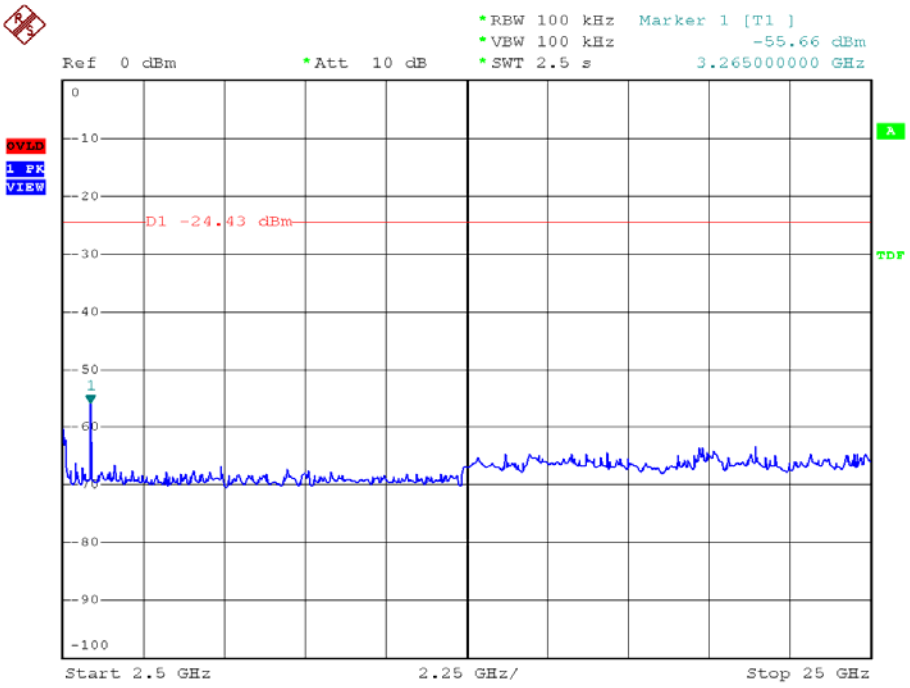




Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 11

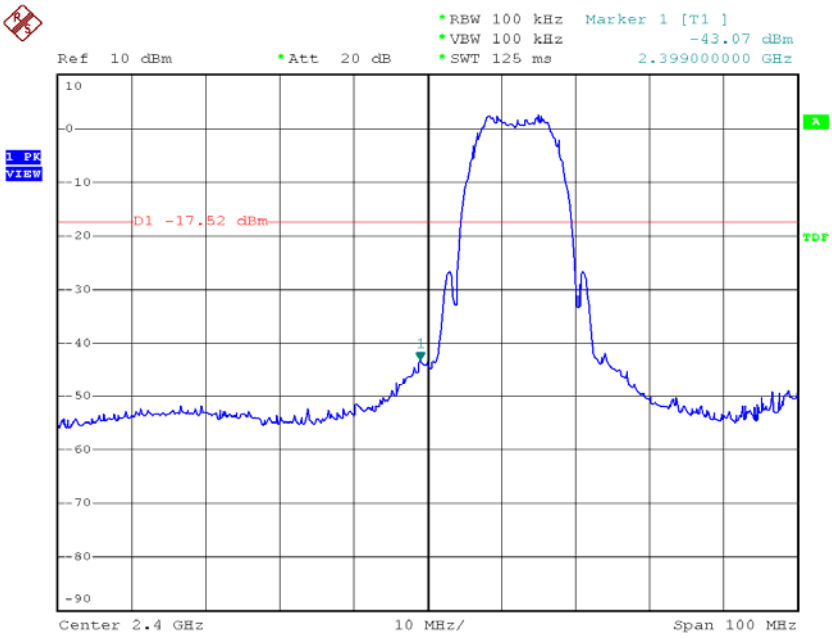


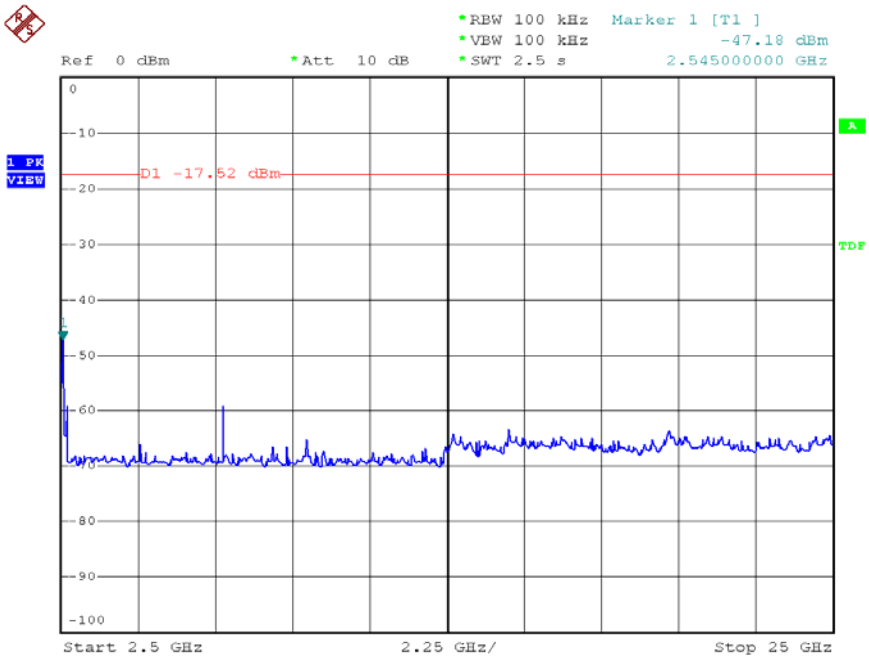
Date: 4.NOV.2008 13:35:51



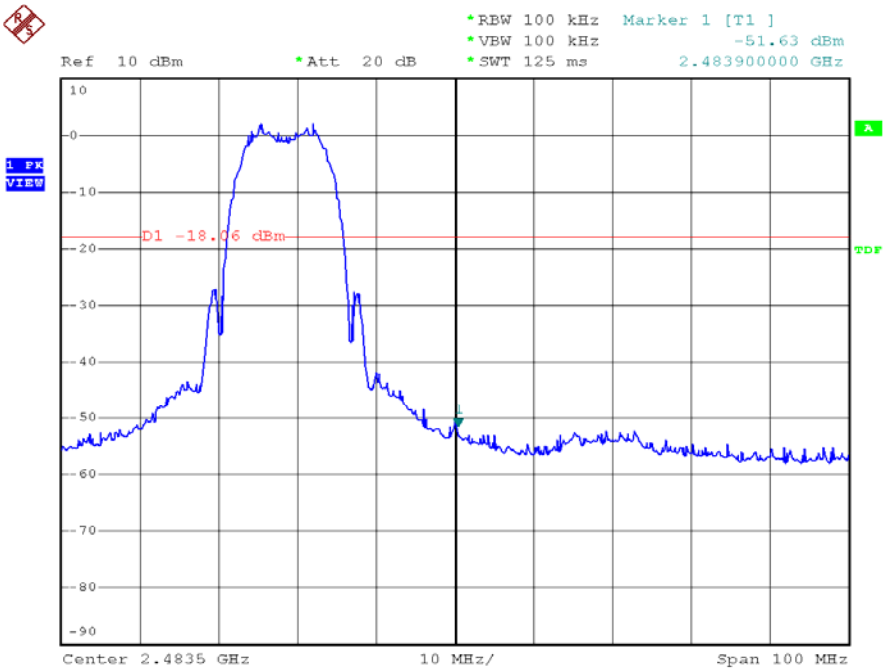
Date: 4.NOV.2008 13:36:34

Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01

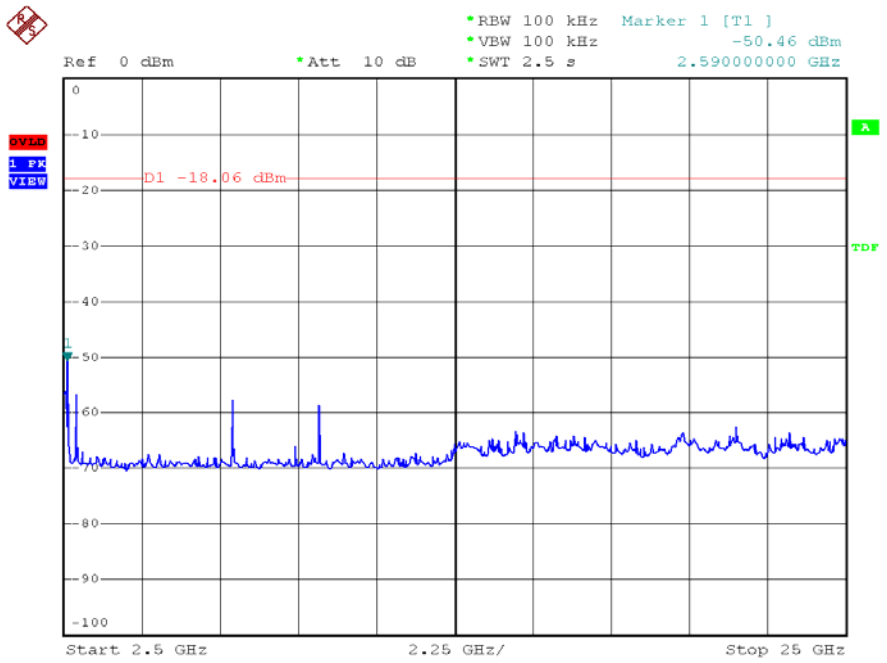




Model No.: IP1006GA, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 11

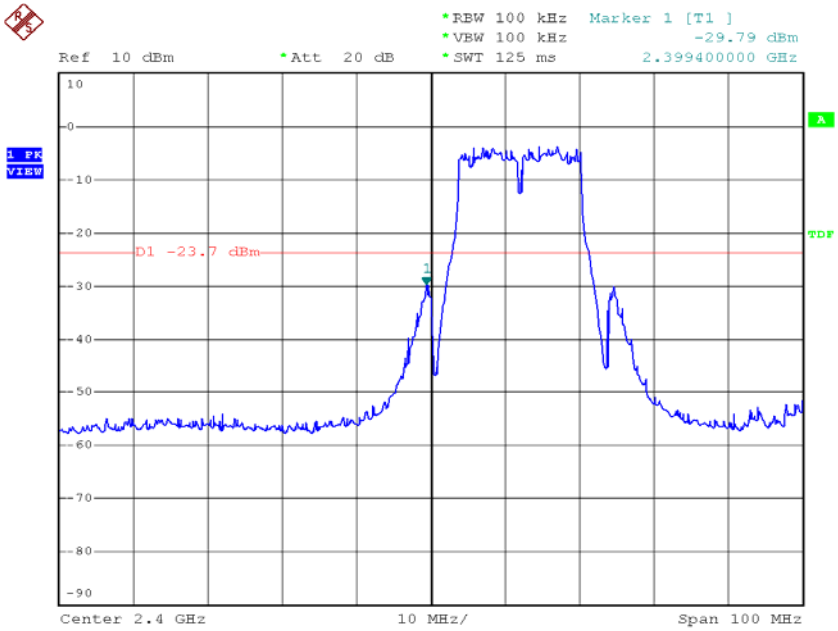


Date: 4.NOV.2008 17:40:03



Date: 4.NOV.2008 17:40:52

Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 01



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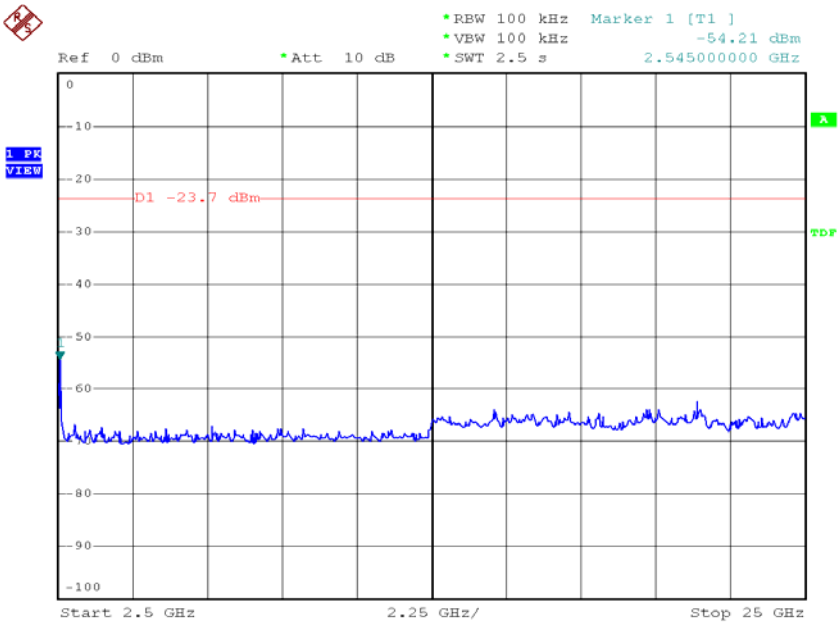
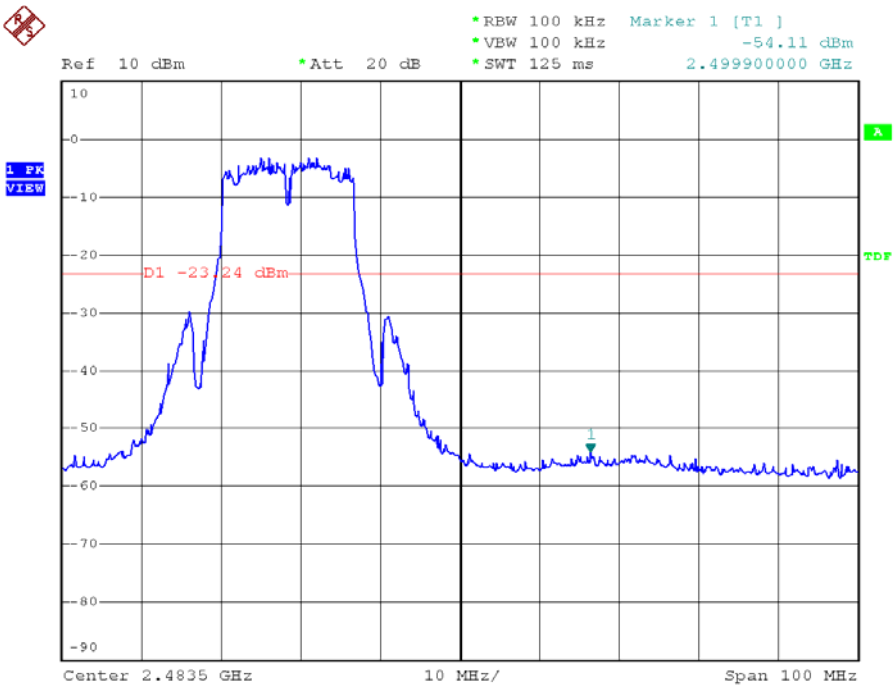
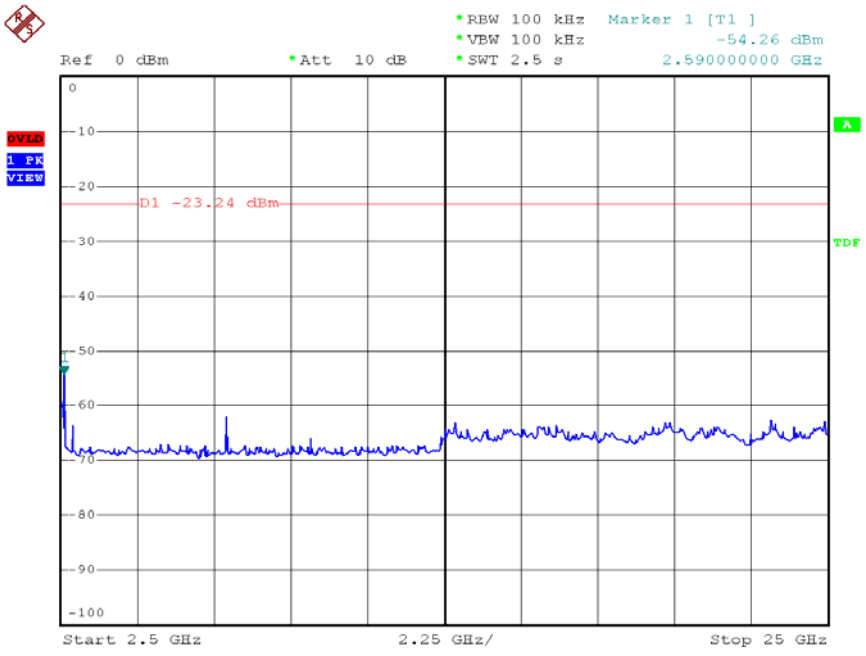


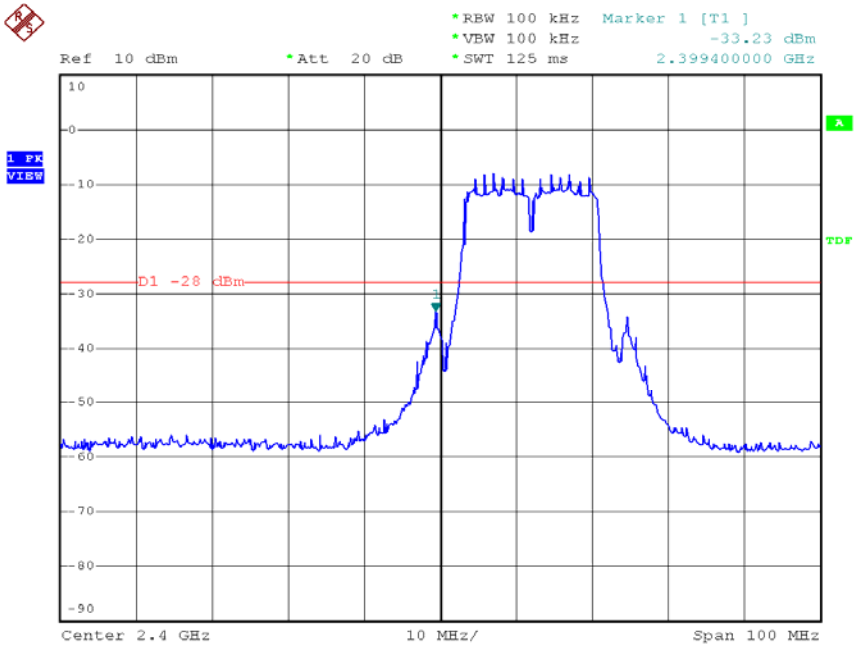
Date: 4.NOV.2008 18:02:13

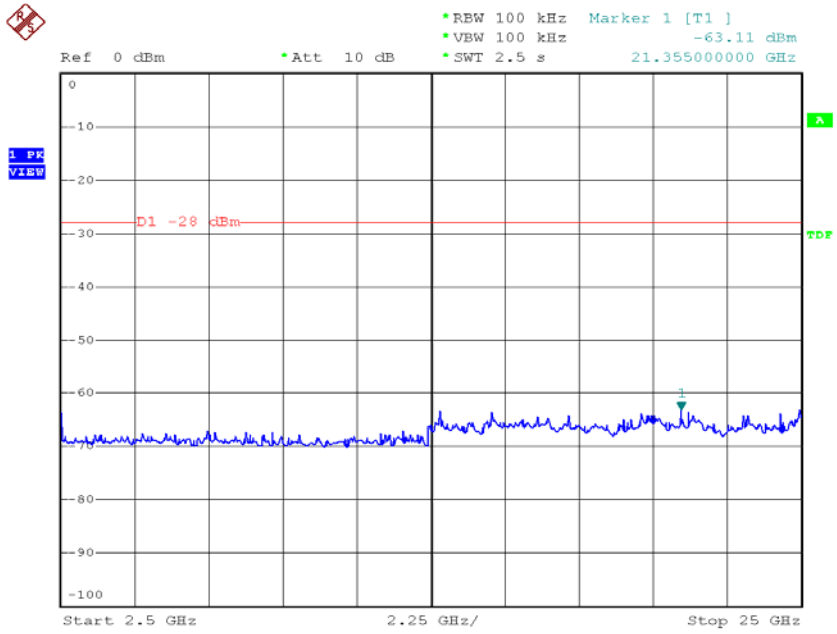
Model No.: IP1006GA, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 11



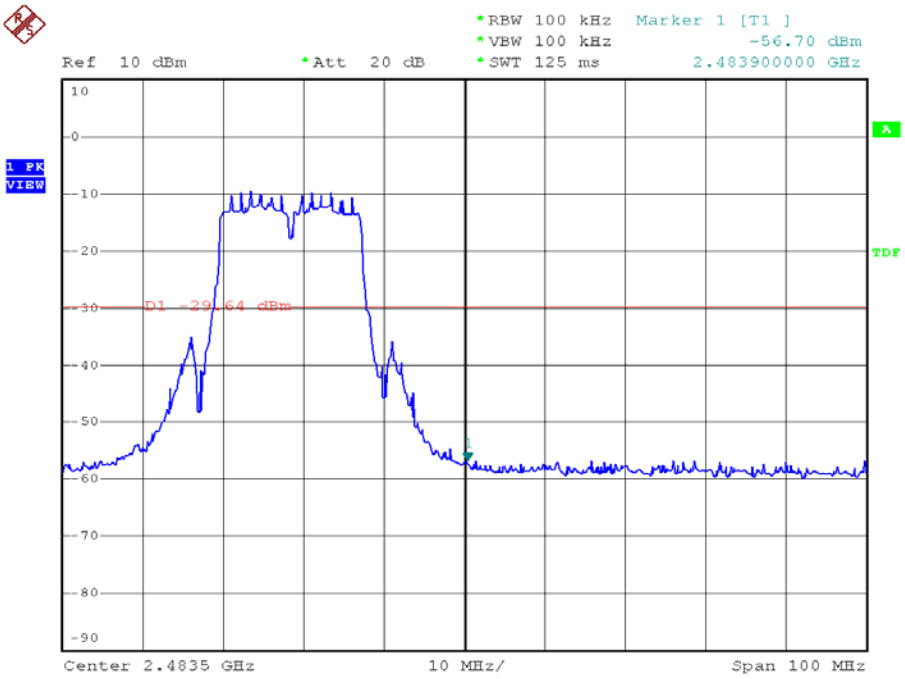


Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 01





Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 11



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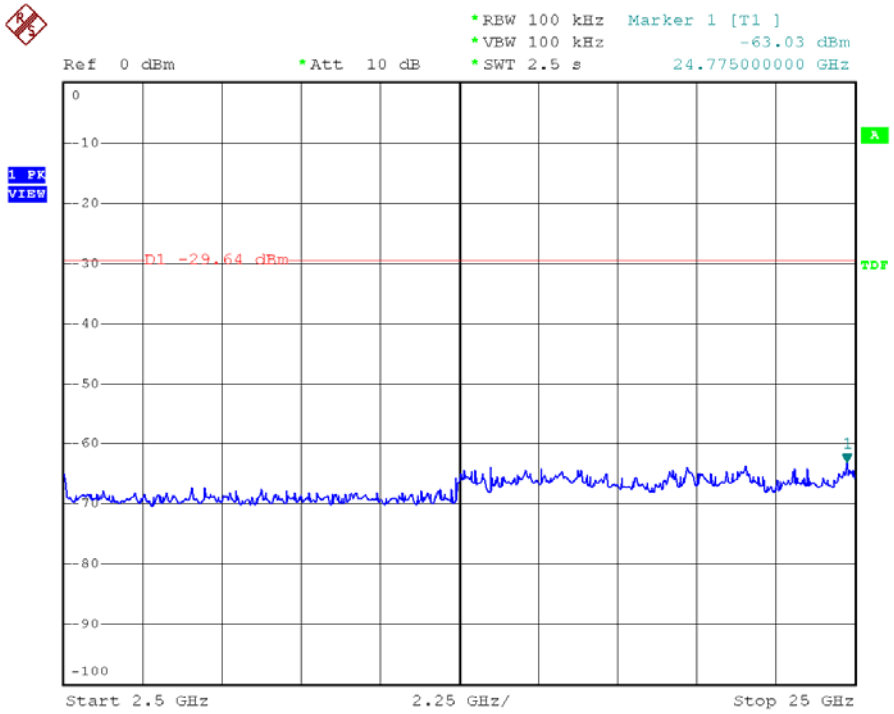
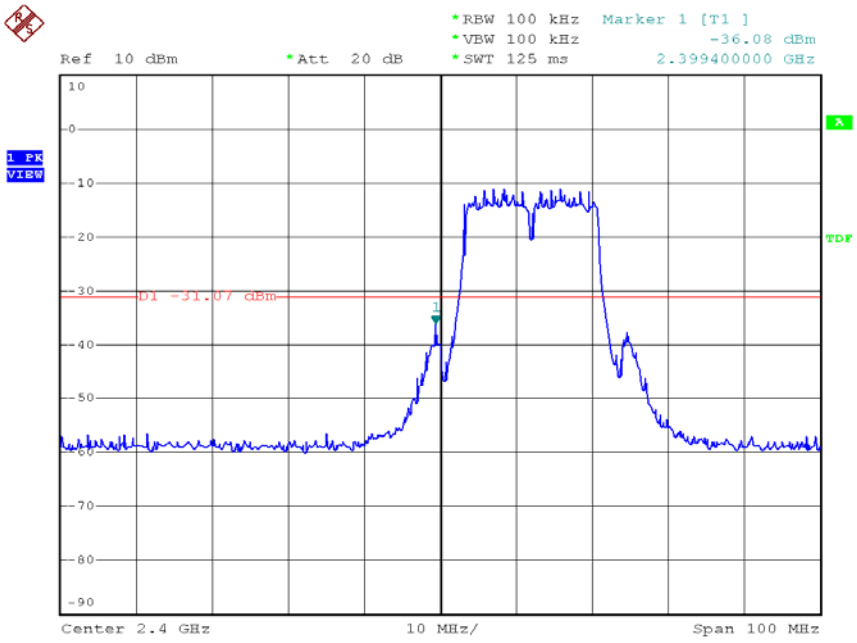


Date: 5.NOV.2008 15:14:49

Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 01



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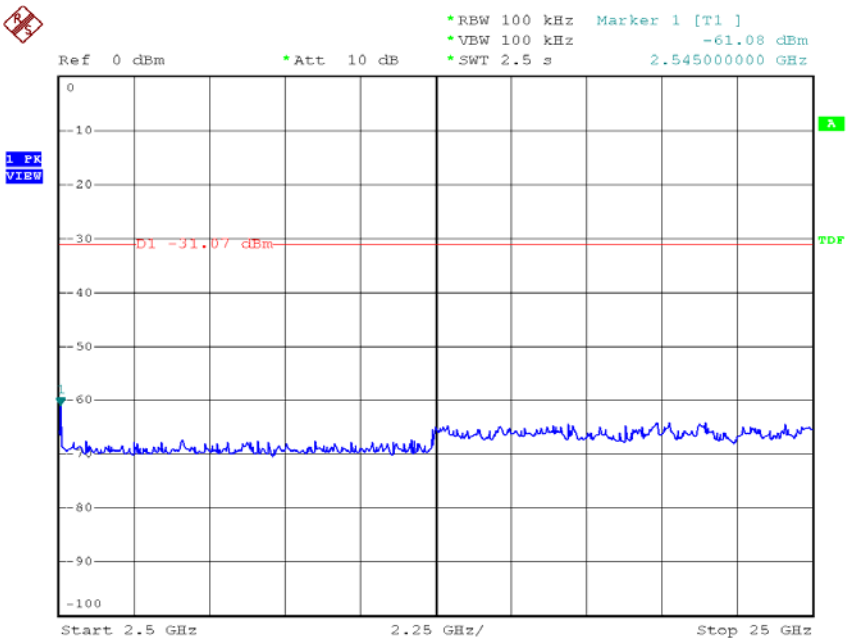

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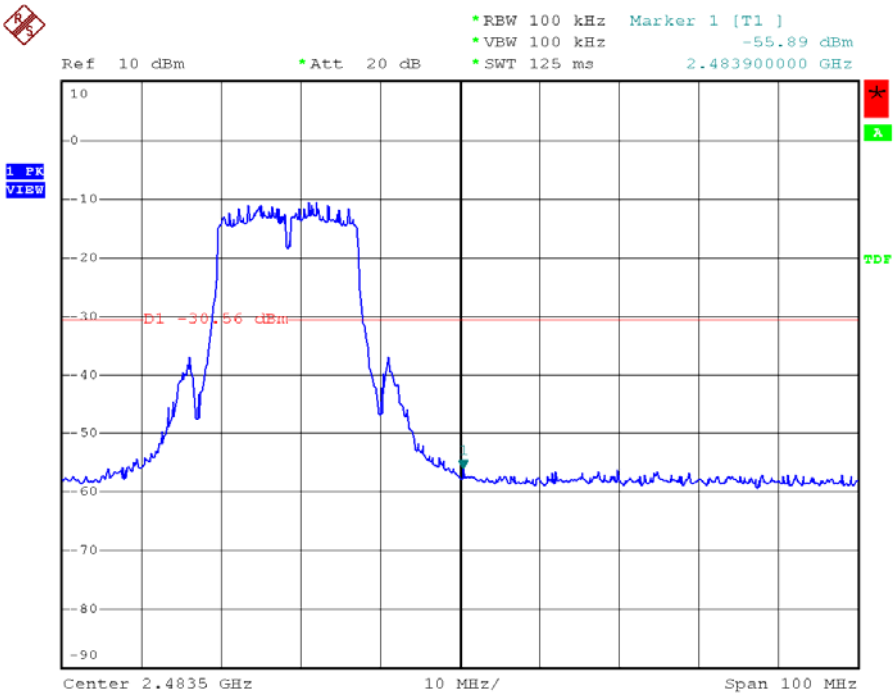
Model No.: IP1006GA, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 11



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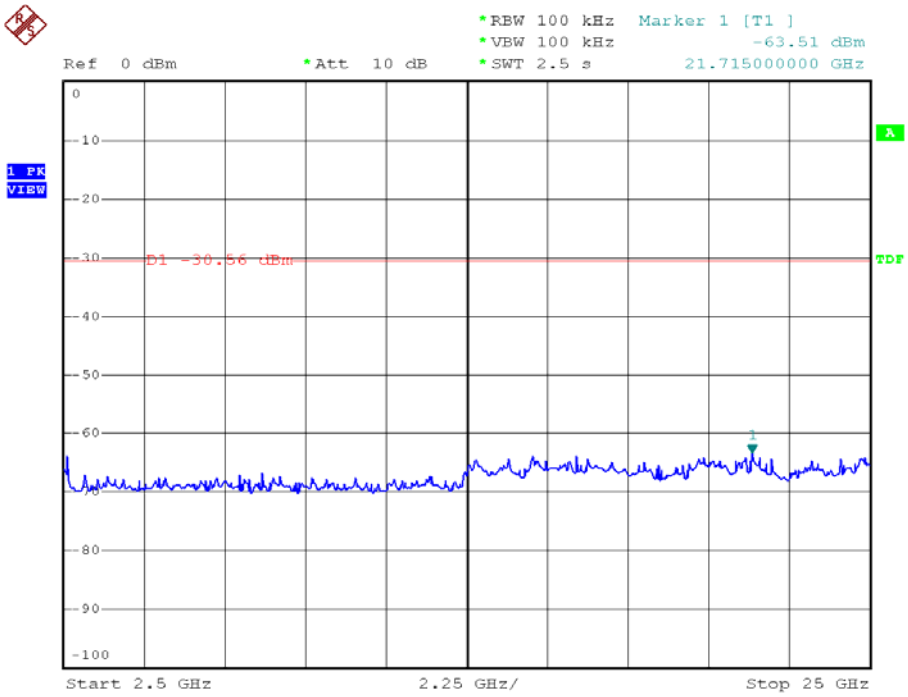
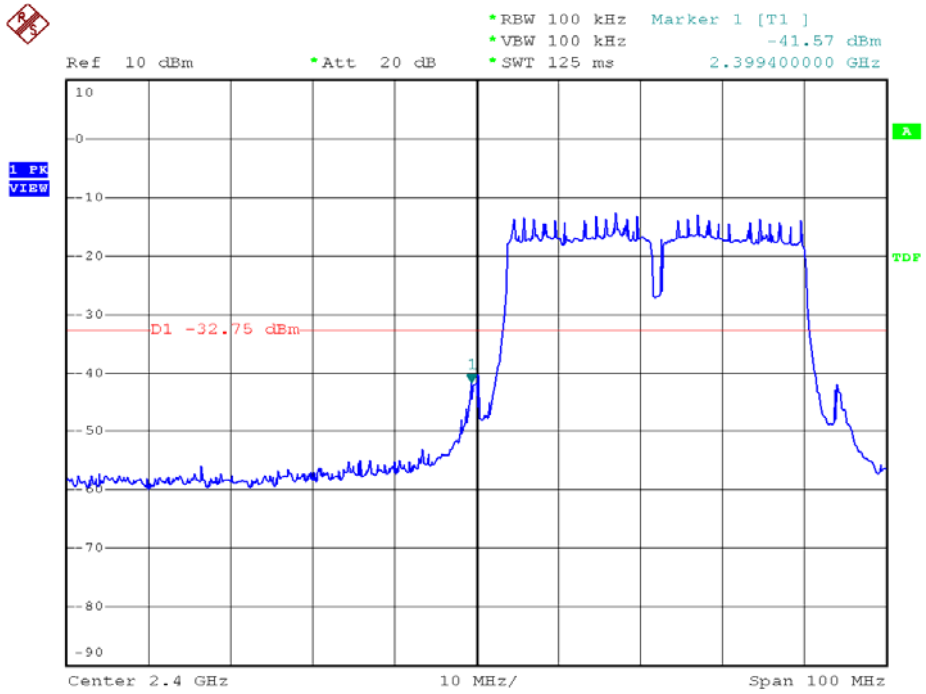
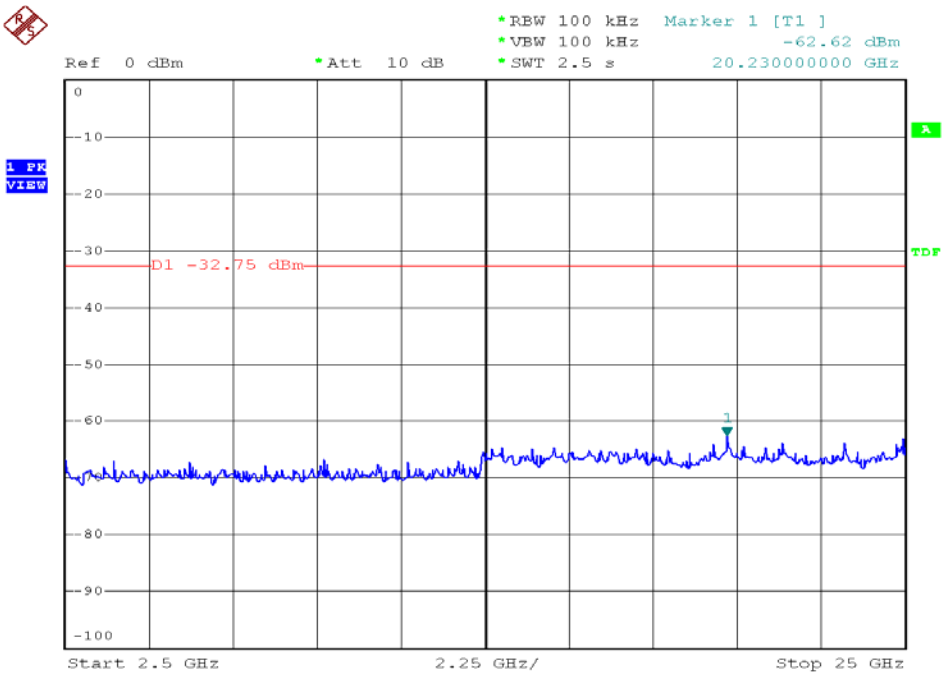


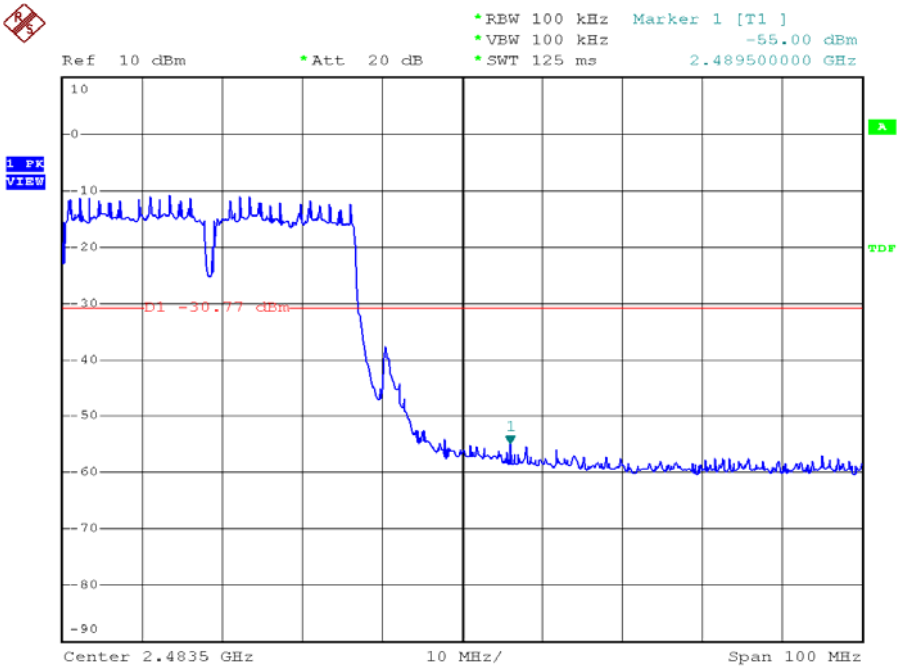
Date: 5.NOV.2008 15:21:58

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 03

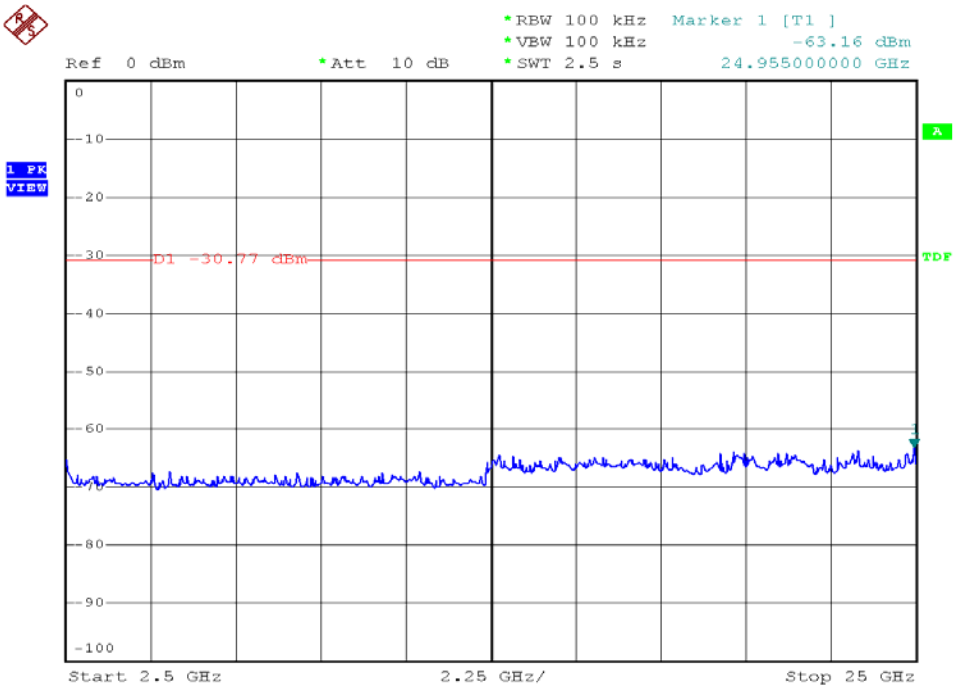




Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 09

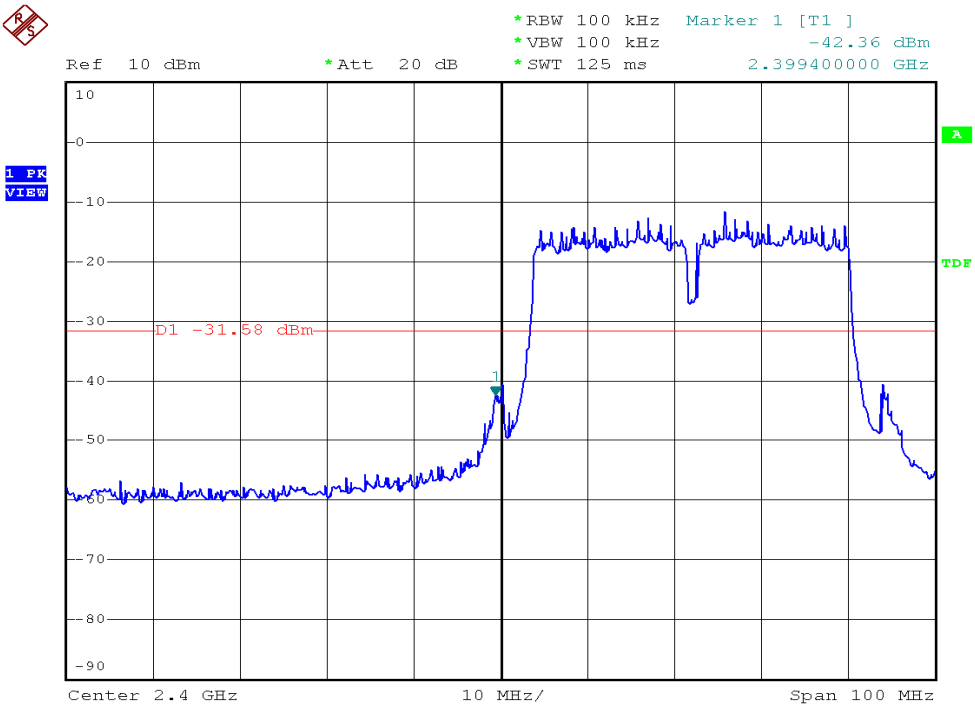


Date: 5.NOV.2008 15:36:27



Date: 5.NOV.2008 15:37:09

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 03



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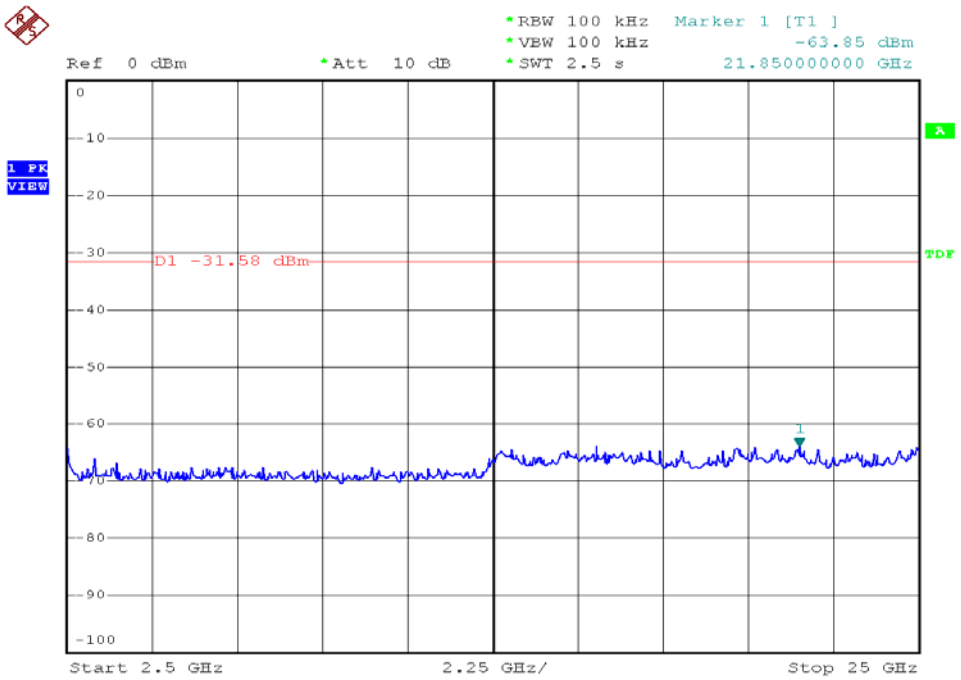
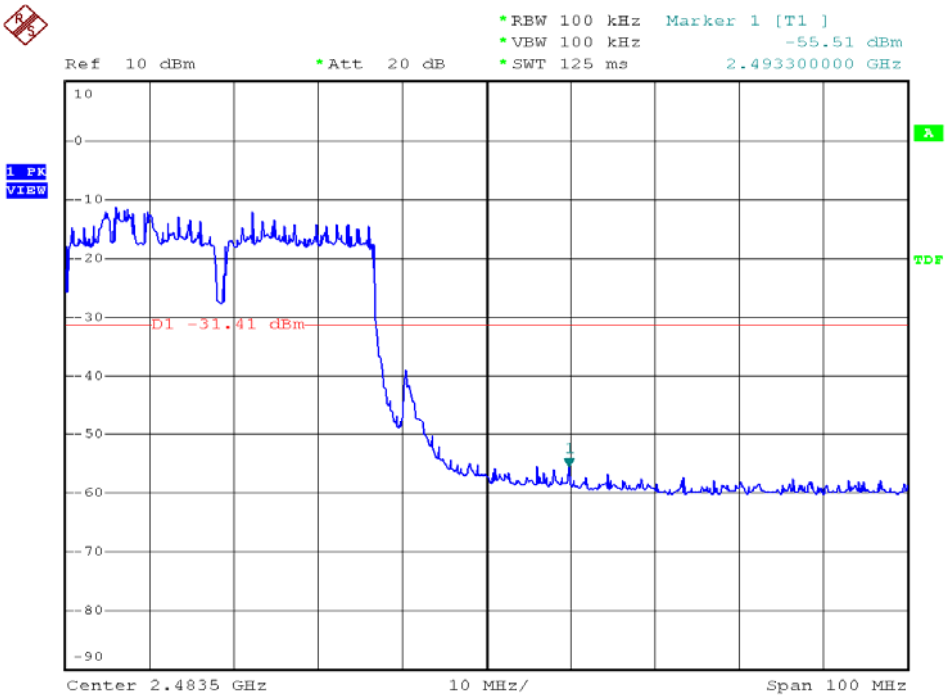
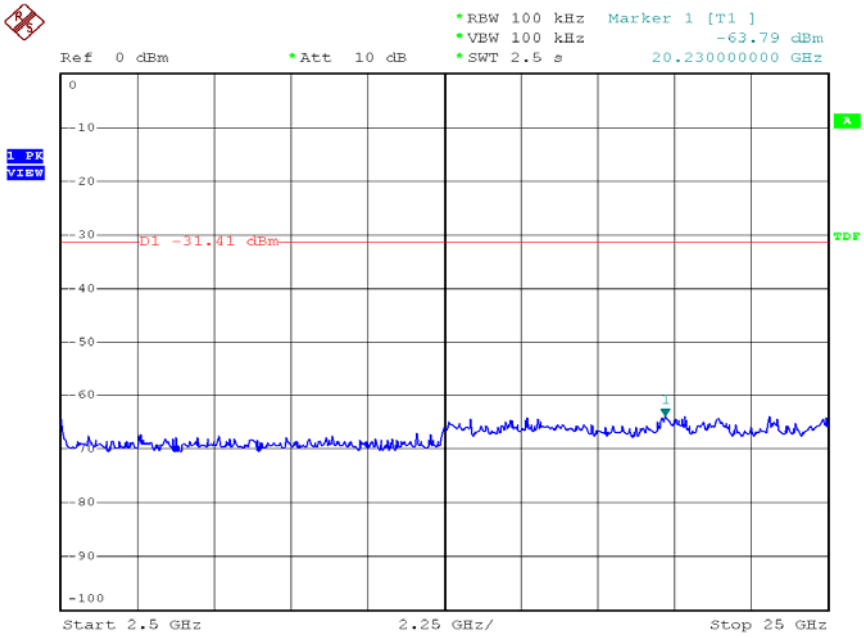


Date: 5.NOV.2008 15:40:43

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 09

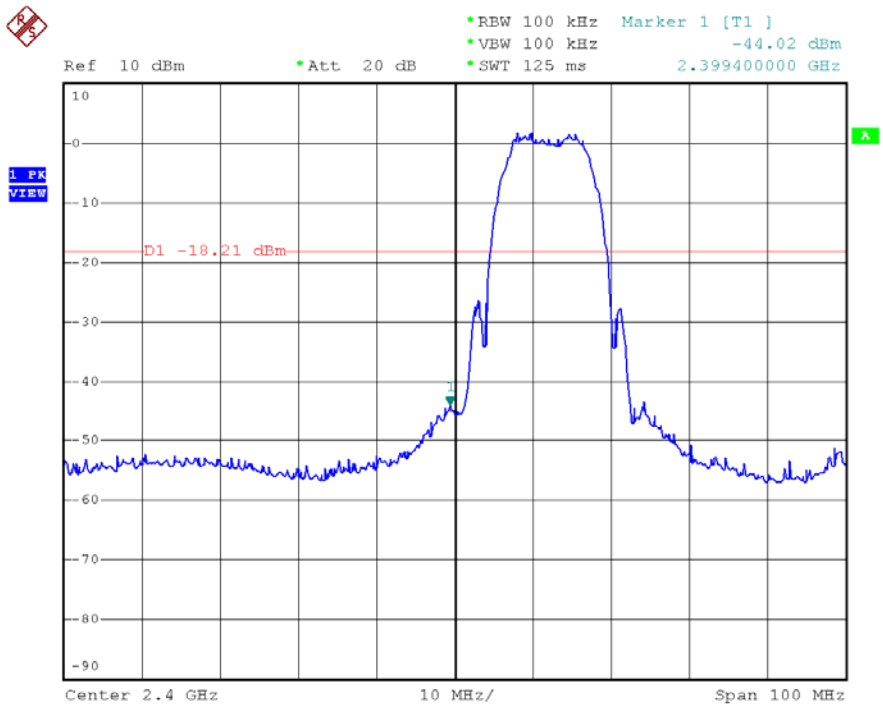


Date: 5.NOV.2008 15:38:06

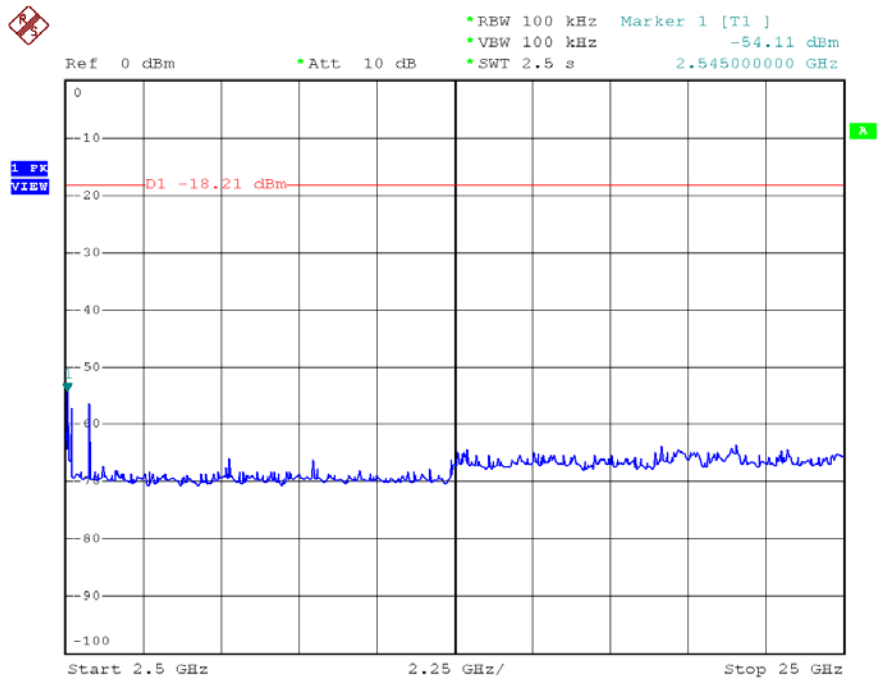


Date: 5.NOV.2008 15:38:34

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01

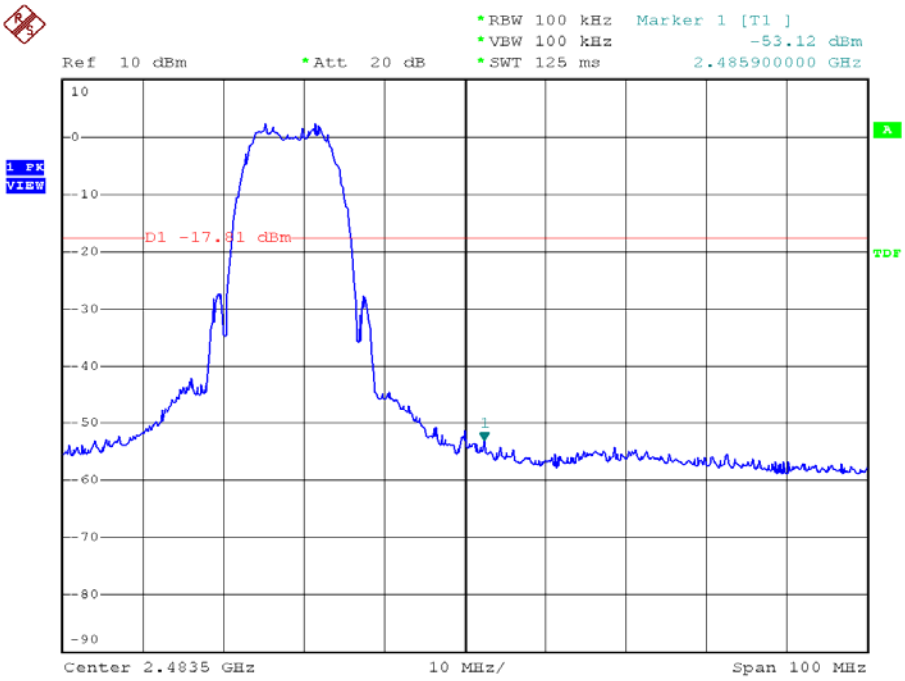


Date: 4.NOV.2008 11:36:53



Date: 4.NOV.2008 11:37:18

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX0
Channel: 11



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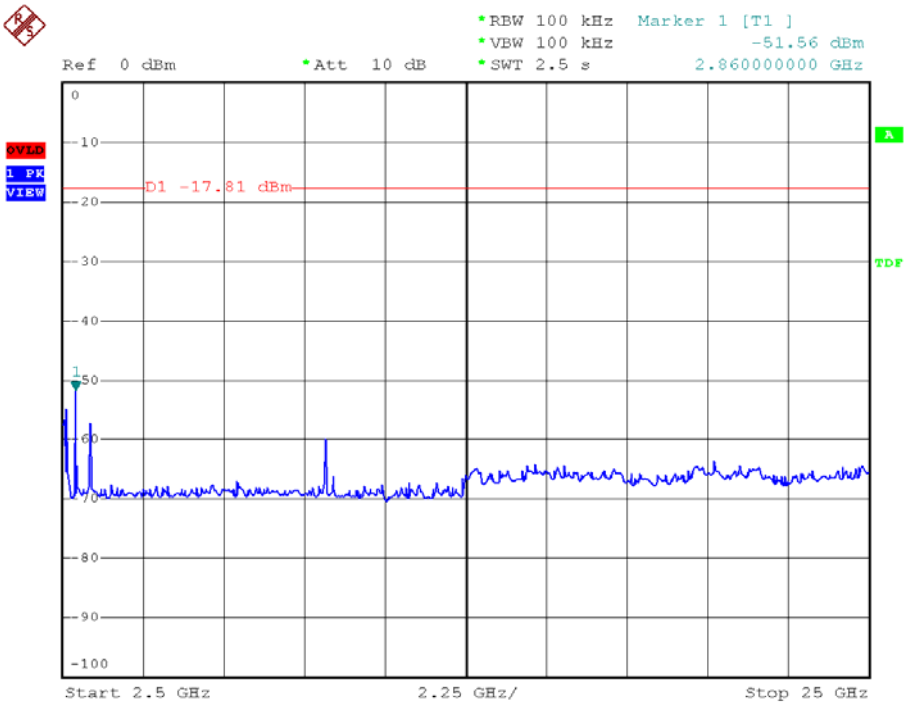
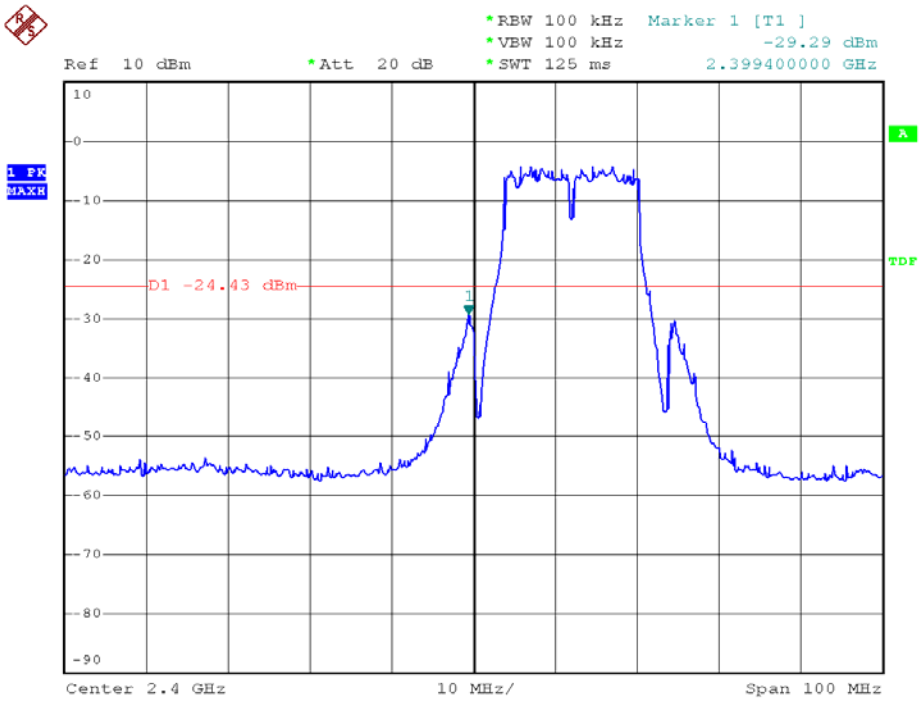
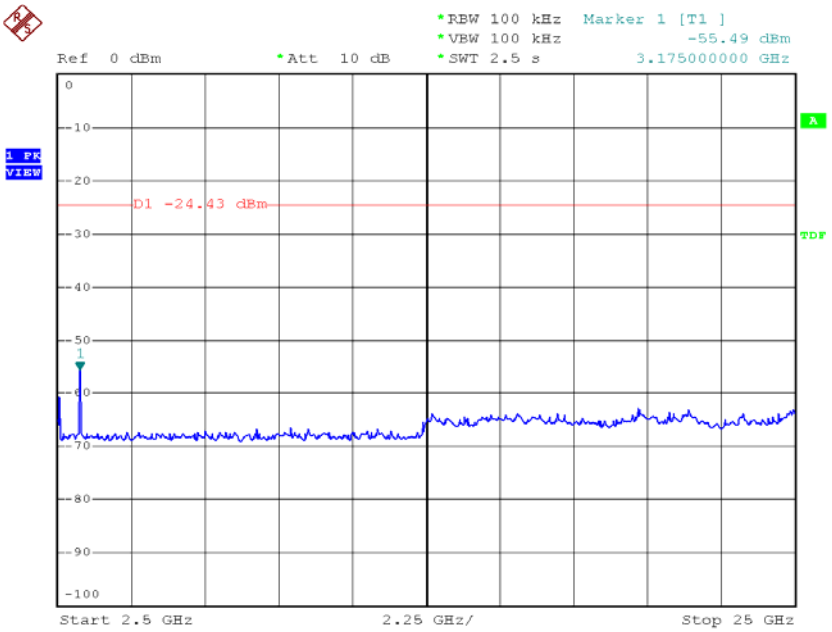


Date: 4.NOV.2008 11:42:38

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 01

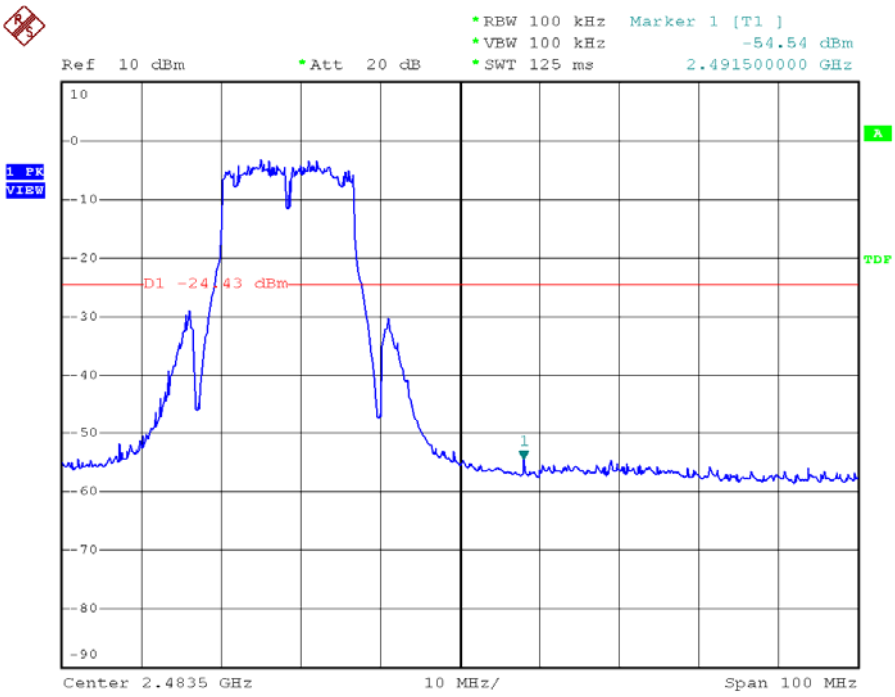


Date: 4.NOV.2008 13:32:35



Date: 4.NOV.2008 13:33:57

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX0
Channel: 11



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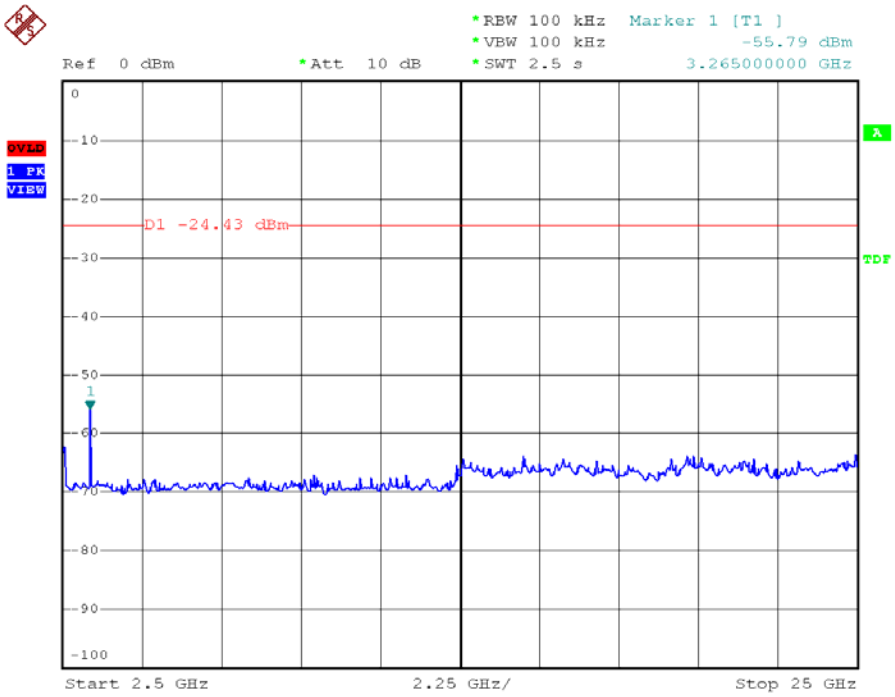
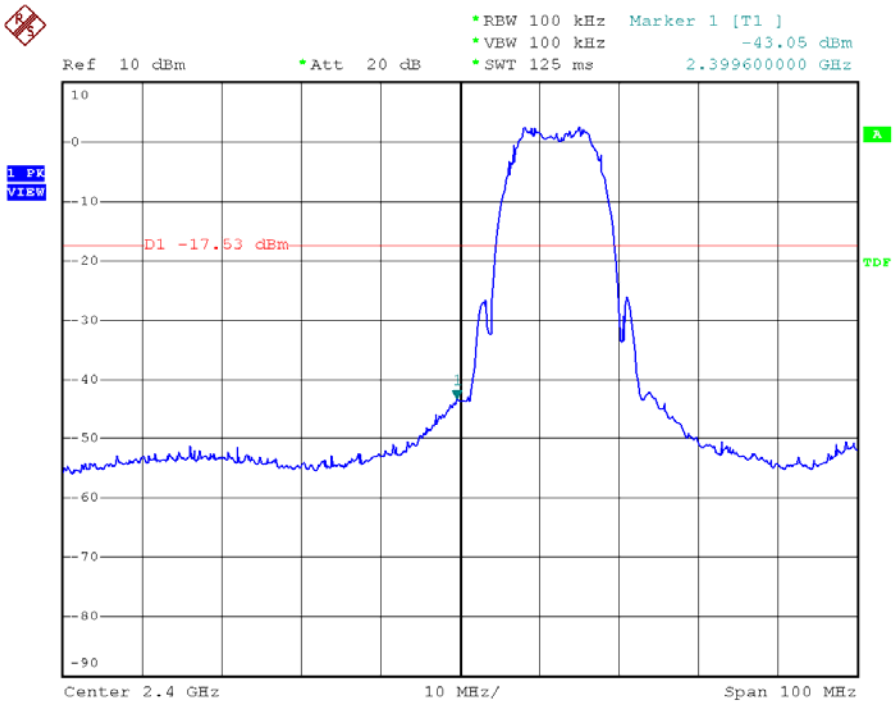
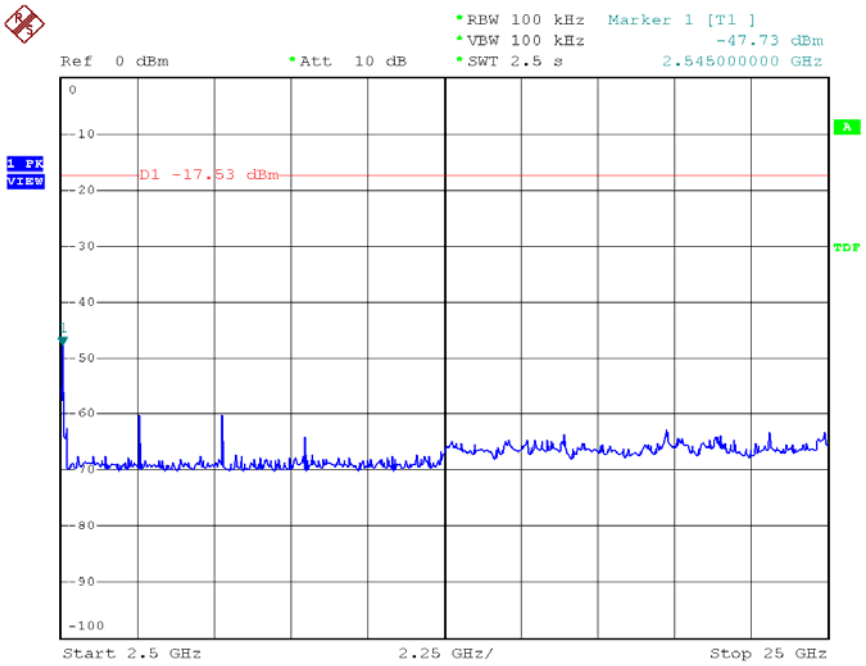


Date: 4.NOV.2008 13:40:34

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 01

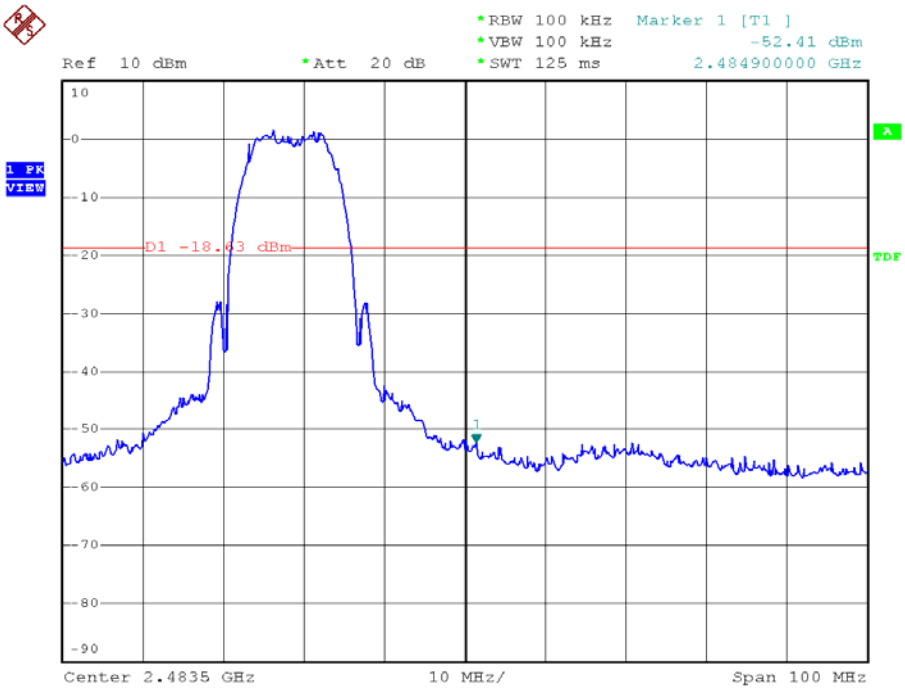


Date: 4.NOV.2008 17:36:48

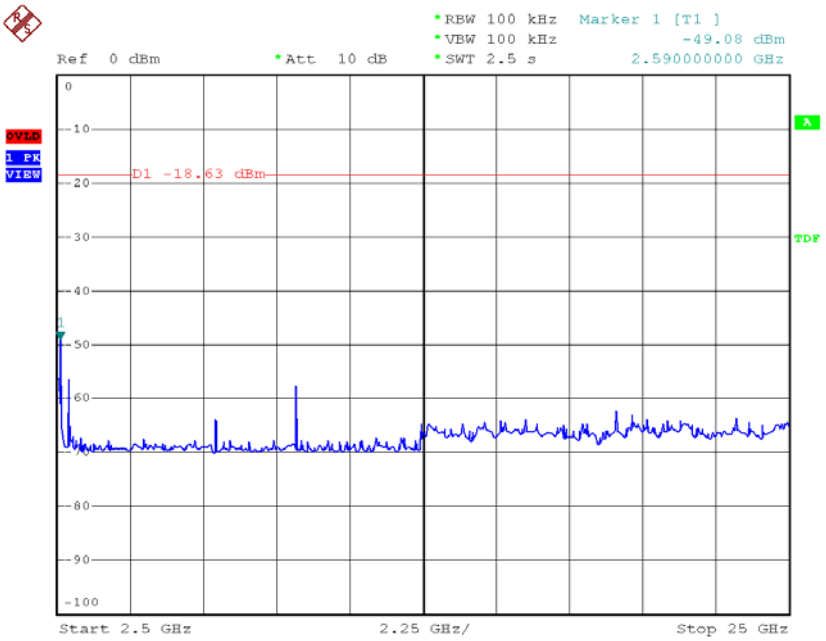


Date: 4.NOV.2008 17:37:13

Model No.: IP1006GB, Modulation Standard: 802.11b (11Mbps), TX1
Channel: 11

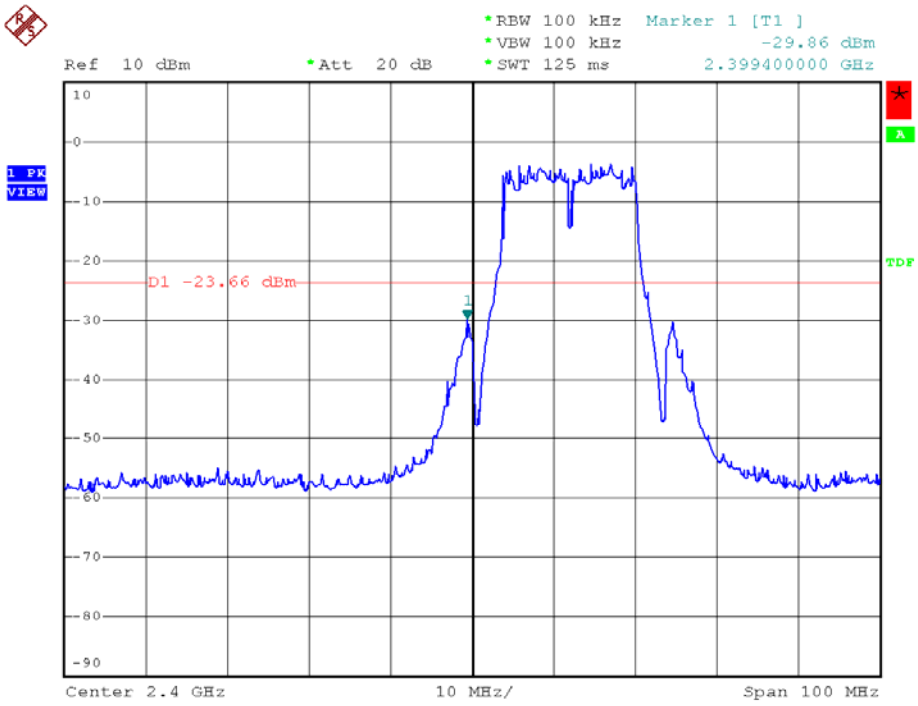


Date: 4.NOV.2008 17:42:37

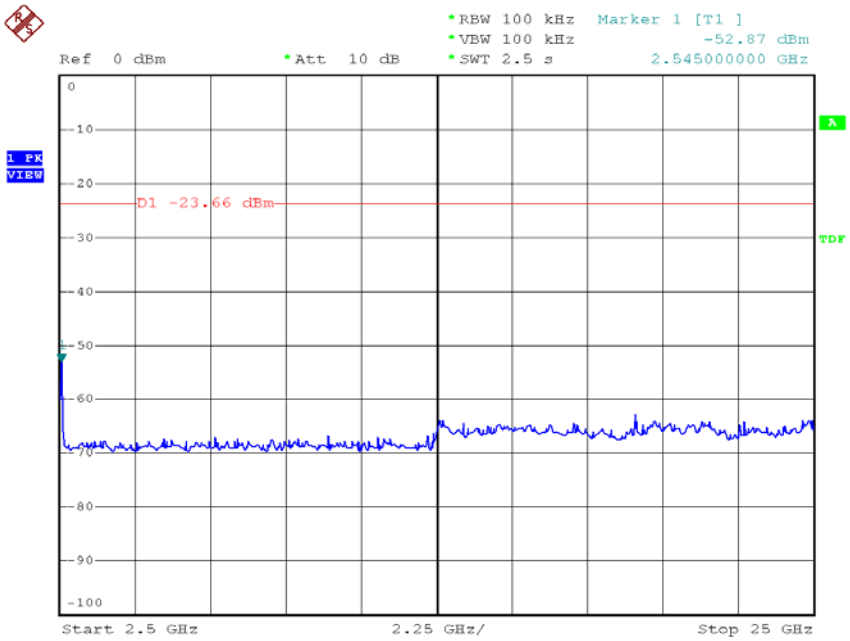


Date: 4.NOV.2008 17:43:17

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 01

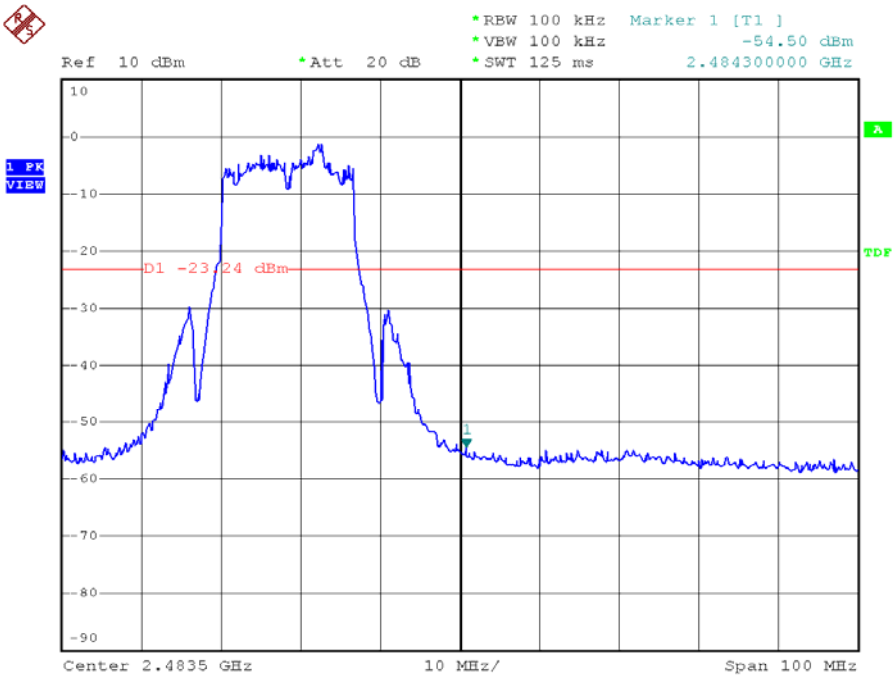


Date: 4.NOV.2008 18:05:50



Date: 4.NOV.2008 18:09:48

Model No.: IP1006GB, Modulation Standard: 802.11g (54Mbps), TX1
Channel: 11



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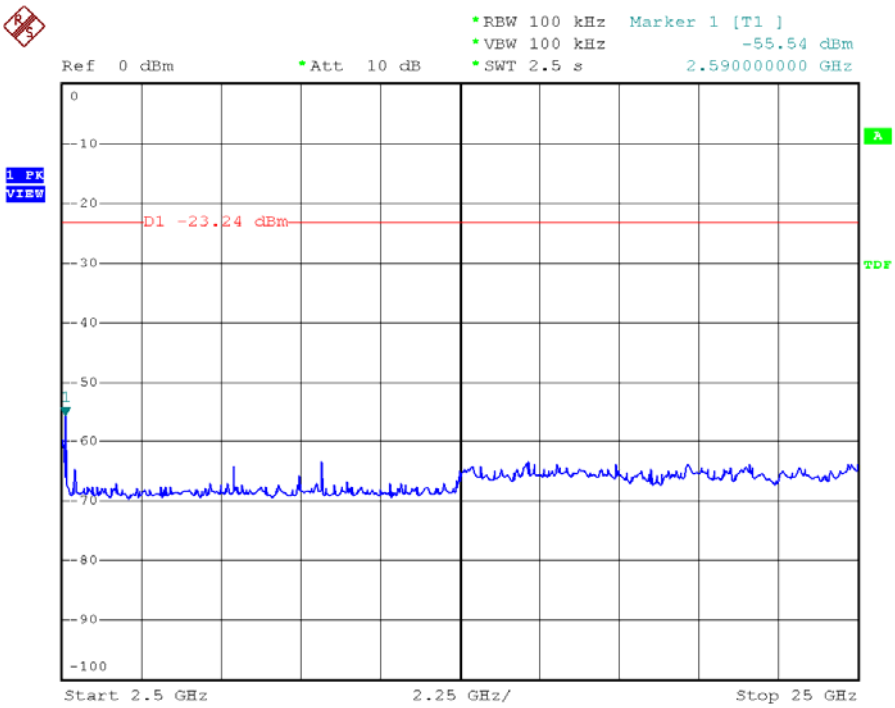
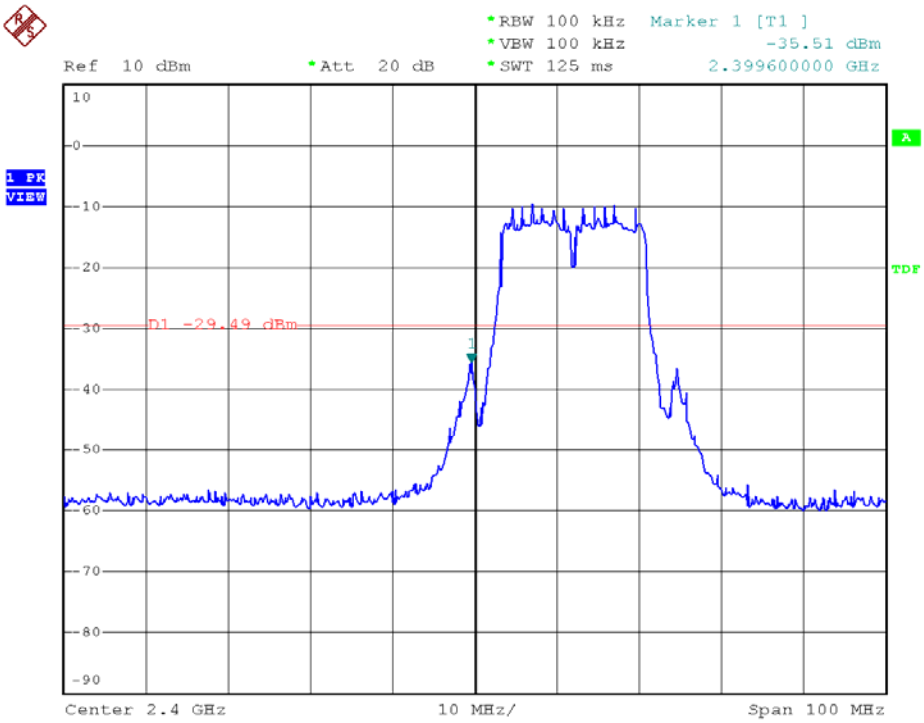
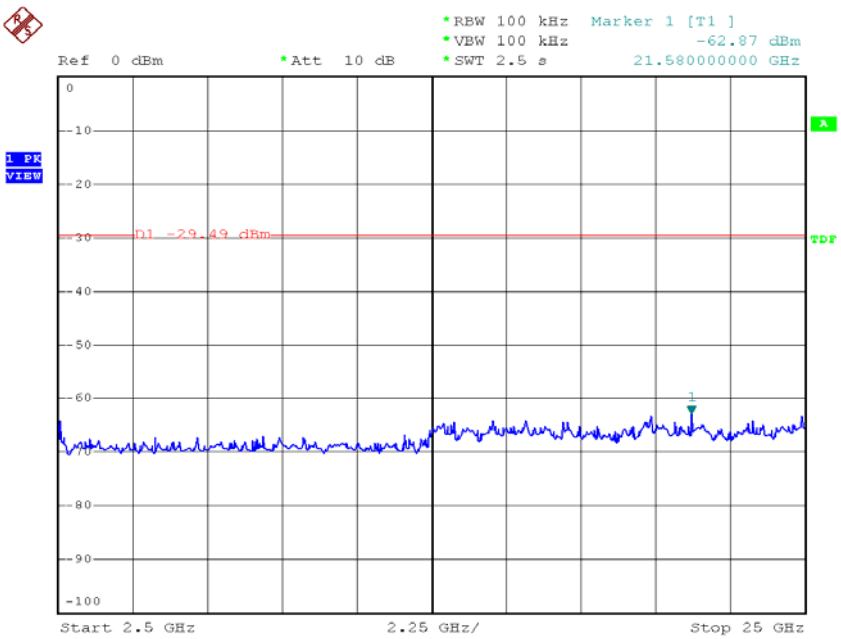


Date: 4.NOV.2008 18:16:40

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 01

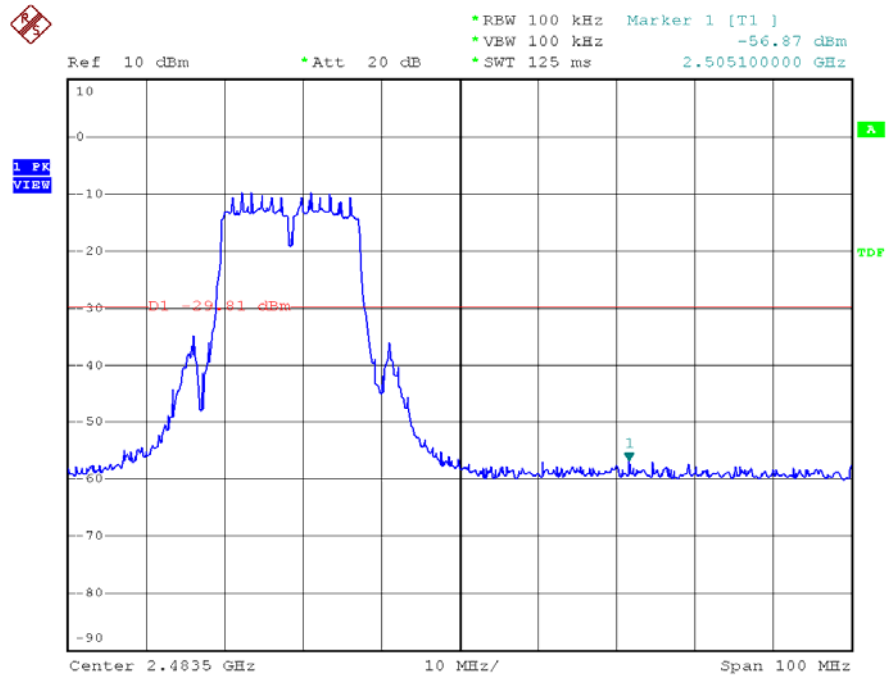


Date: 5.NOV.2008 15:24:41

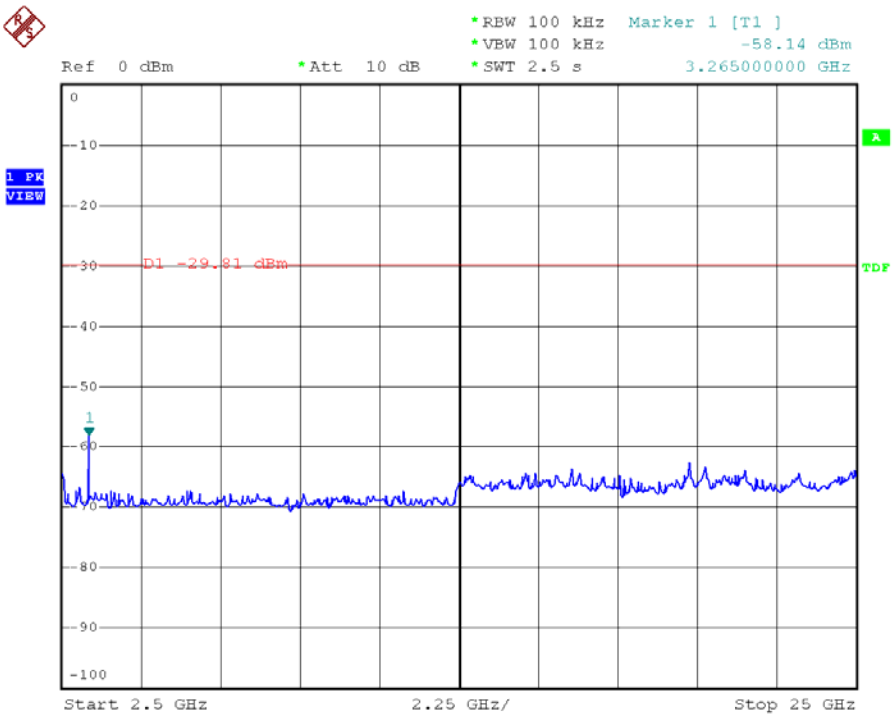


Date: 5.NOV.2008 15:25:13

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX0
Channel: 11

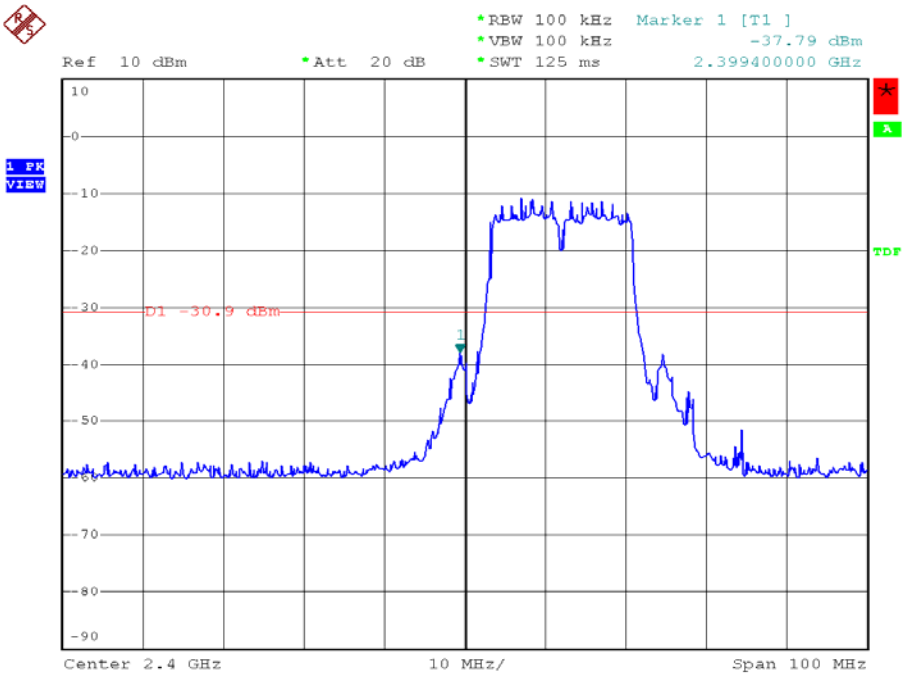


Date: 5.NOV.2008 15:28:27

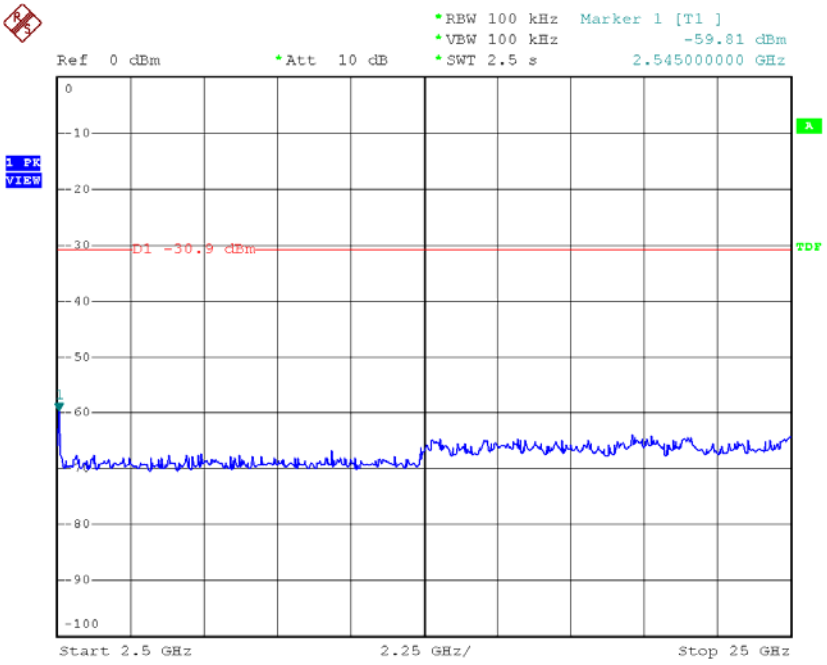


Date: 5.NOV.2008 15:29:01

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 01

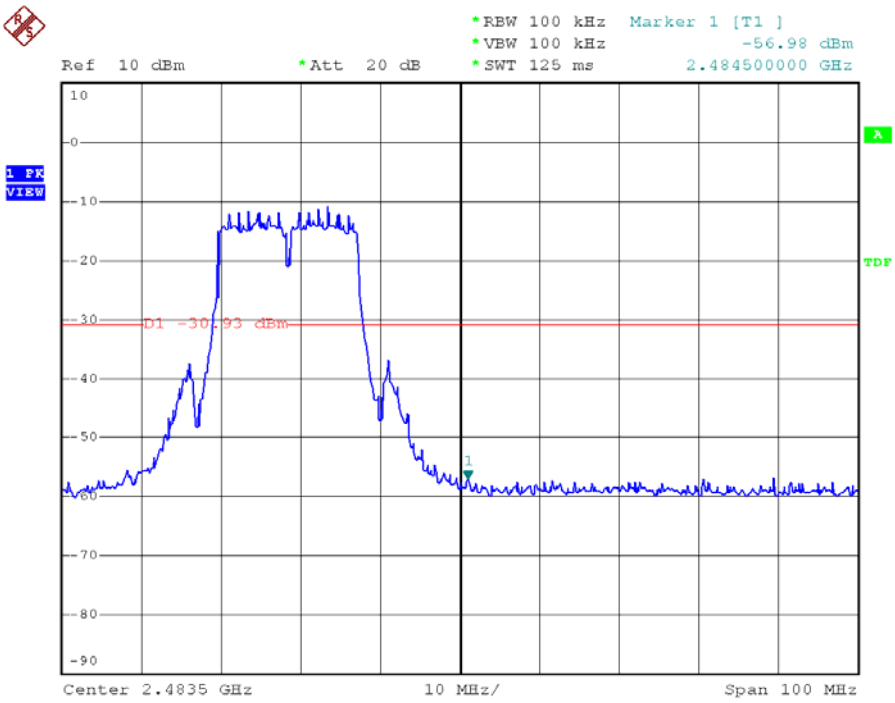


Date: 5.NOV.2008 15:26:23

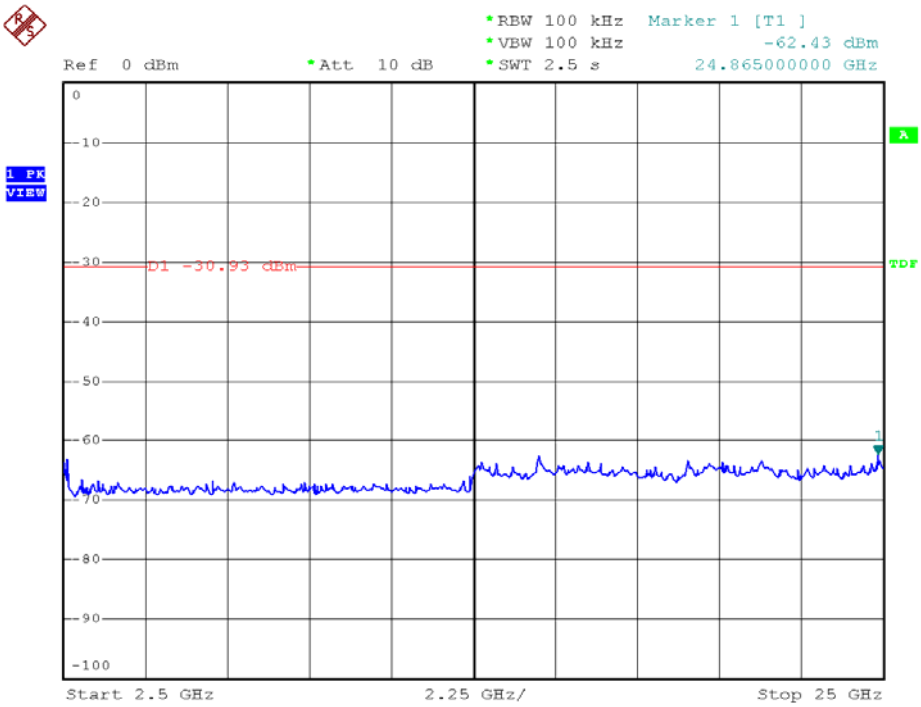


Date: 5.NOV.2008 15:26:51

Model No.: IP1006GB, Modulation Standard: 802.11n HT20 (130Mbps), TX1
Channel: 11

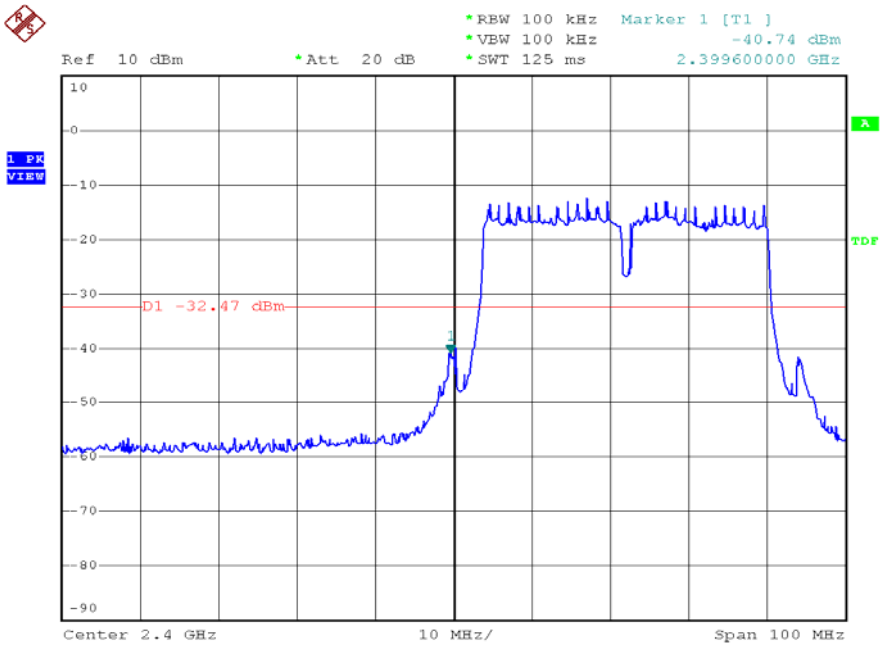


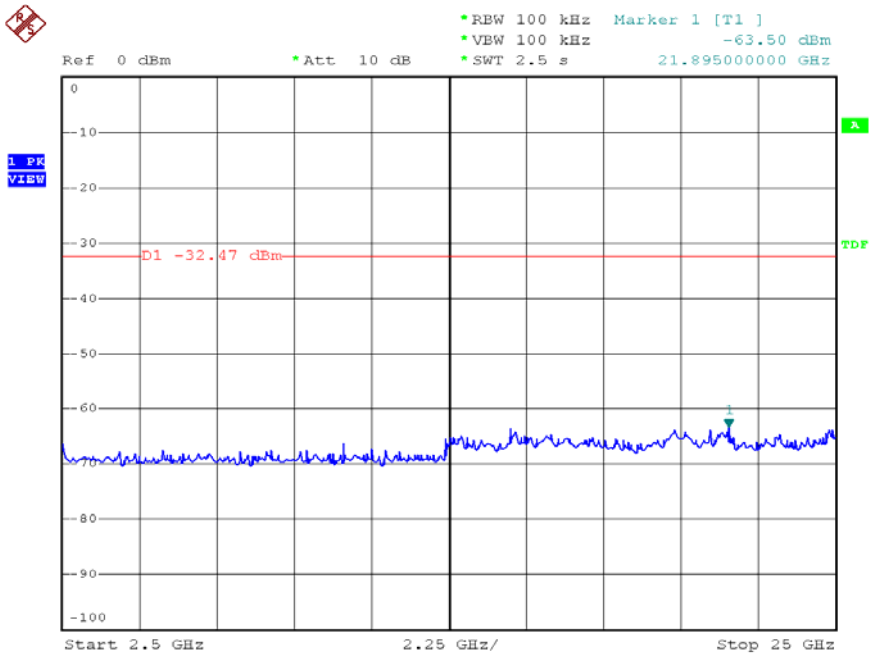
Date: 5.NOV.2008 15:30:25



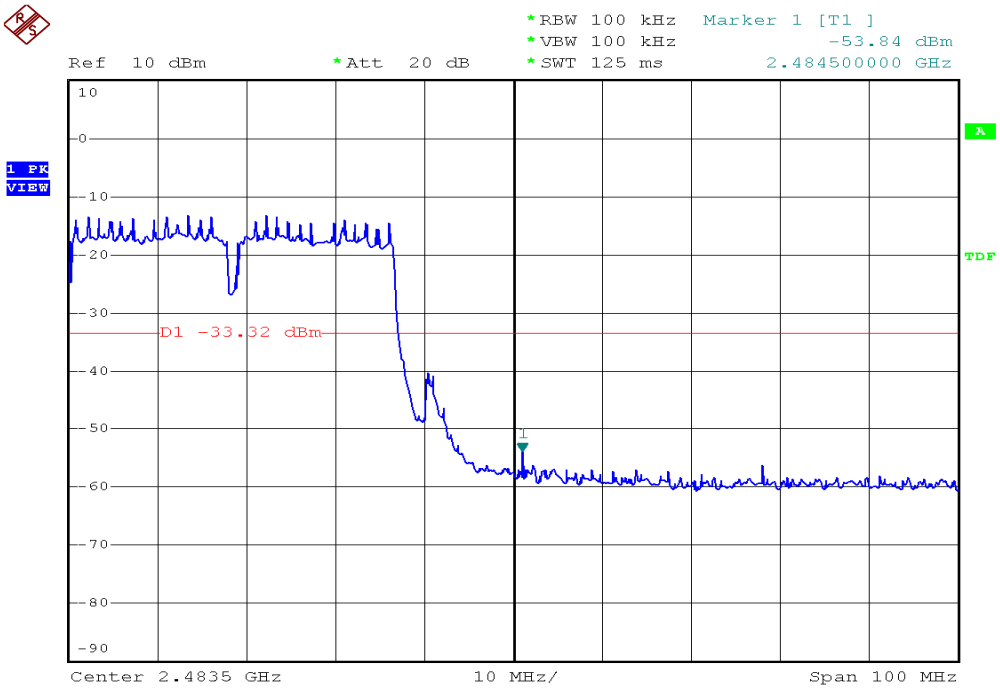
Date: 5.NOV.2008 15:33:12

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 03





Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX0
Channel: 09



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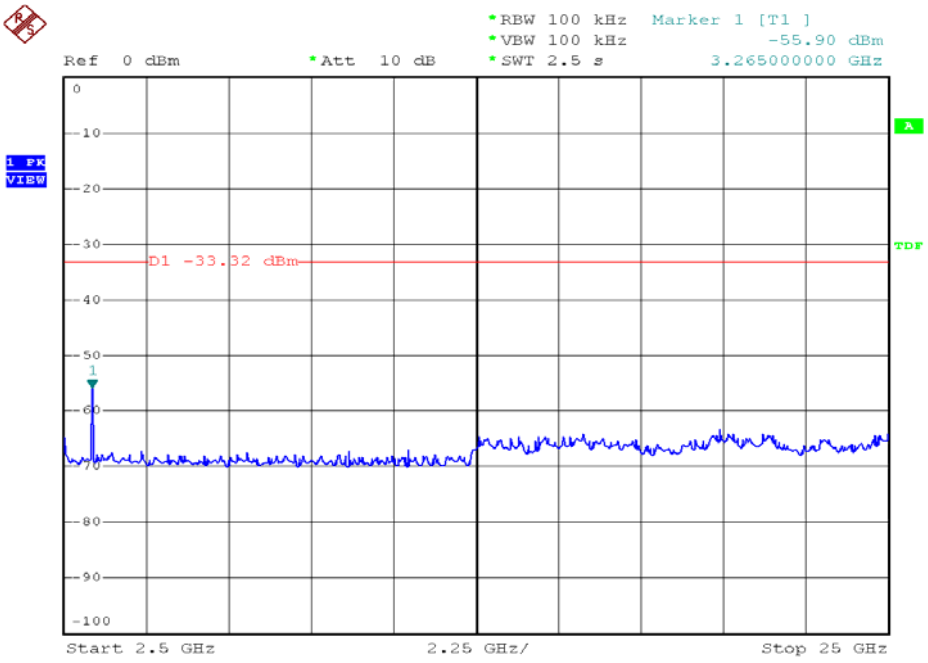
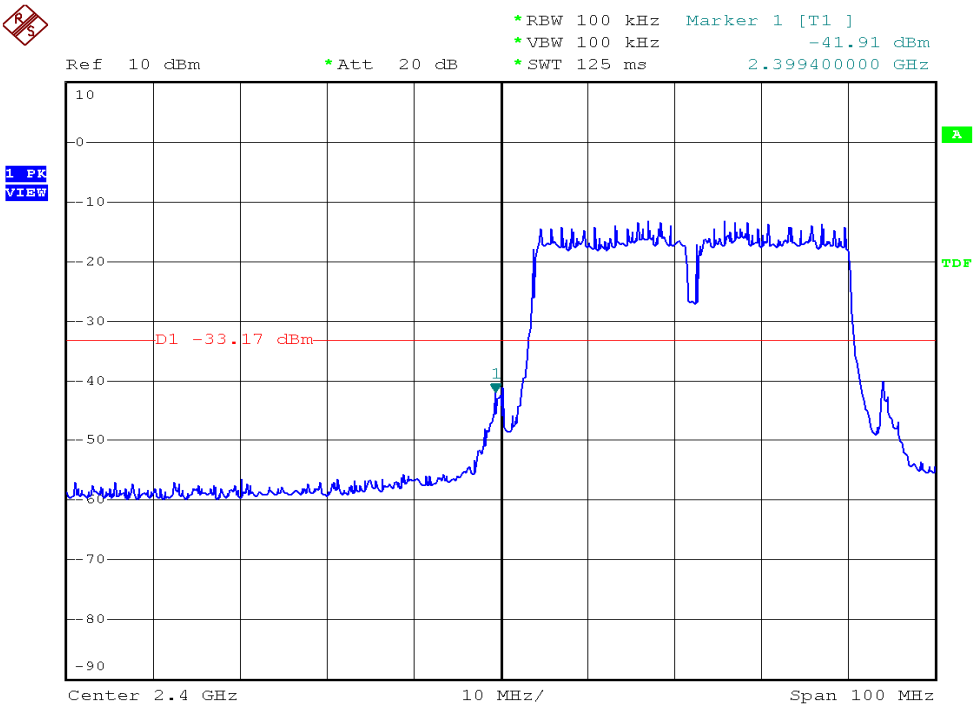
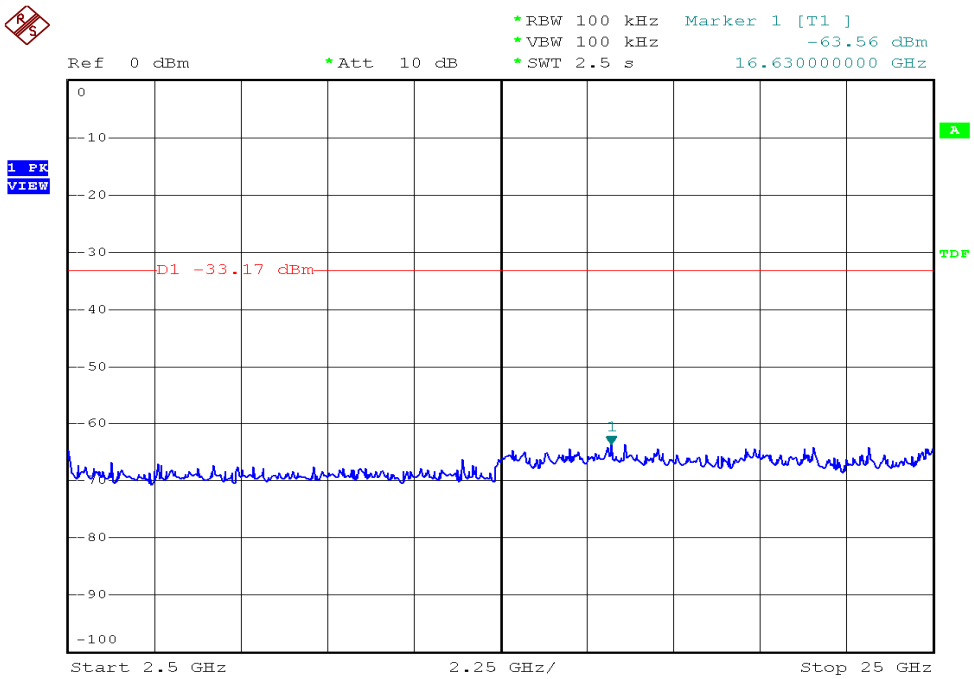


Date: 5.NOV.2008 15:50:18

Model No.: IP1006GA, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 03

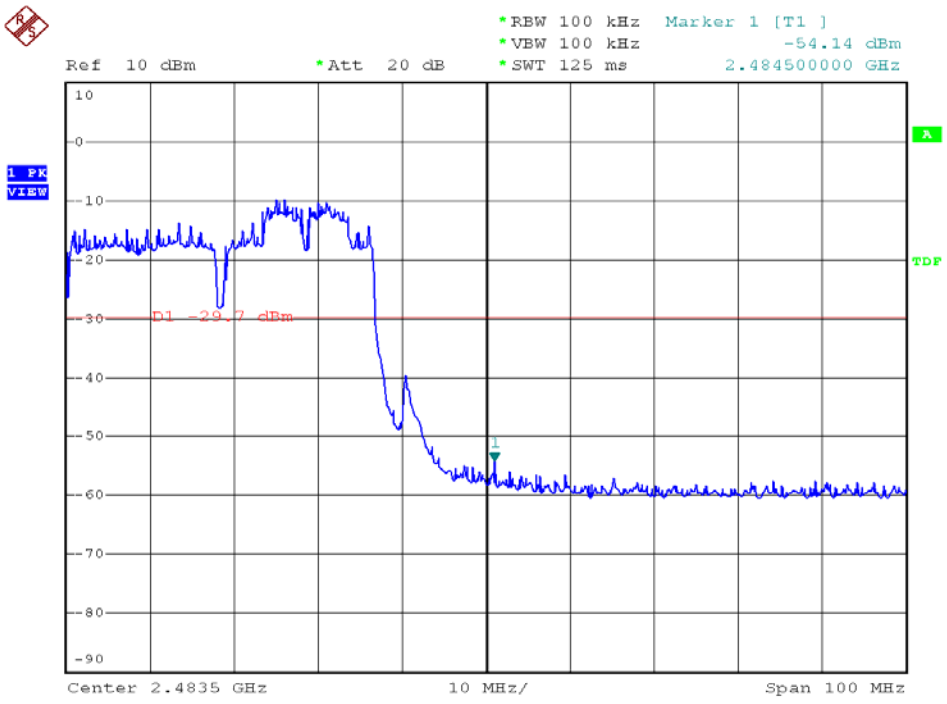


Date: 5.NOV.2008 15:44:03

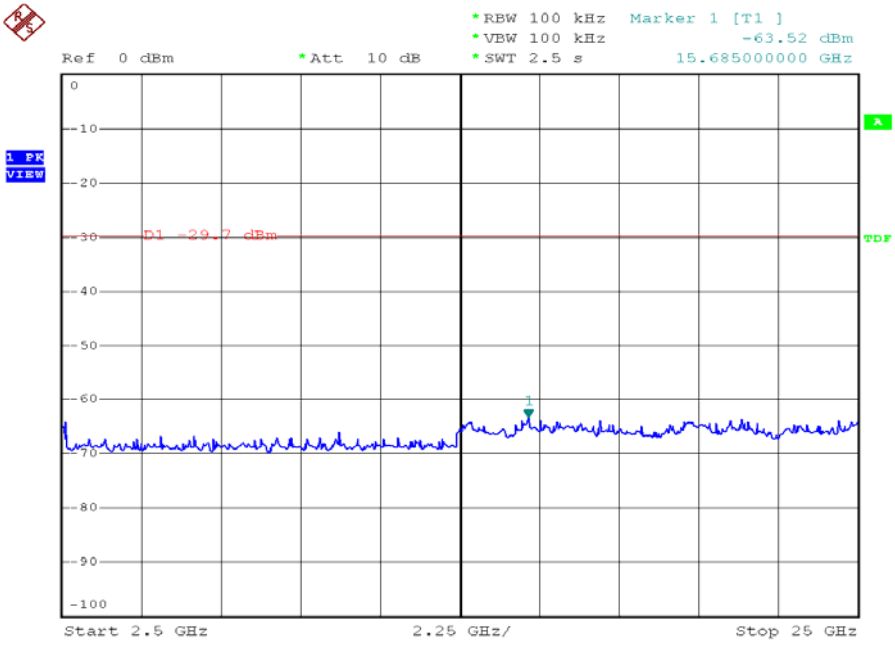


Date: 5.NOV.2008 15:44:39

Model No.: IP1006GB, Modulation Standard: 802.11n HT40 (270Mbps), TX1
Channel: 09



Date: 5.NOV.2008 15:46:45



Date: 5.NOV.2008 15:47:31

8.6 Restrict Band Emission Measurement Data

Test Date	:	Nov. 07, 2008
Temperature	:	26℃
Humidity	:	65%
Atmospheric Pressure	:	1007 hPa
Test Mode	:	IP1006GA

Modulation Standard: IEEE 802.11b (11Mbps), Adapter: Leader \ MT12-Y120100-A1

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.76	H	60.82	-3.50	57.32	Peak	74	54	-16.68	200	1.10
2334.38	H	47.87	-3.70	44.17	Ave	74	54	-9.83	200	1.10
2363.24	V	60.47	-3.59	56.88	Peak	74	54	-17.12	192	1.00
2389.97	V	47.92	-3.50	44.43	Ave	74	54	-9.57	192	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2483.81	H	58.11	-3.16	54.95	Peak	74	54	-19.05	231	1.15
2499.32	H	46.97	-3.10	43.87	Ave	74	54	-10.13	231	1.15
2483.51	V	61.11	-3.16	57.95	Peak	74	54	-16.05	173	1.00
2483.51	V	49.34	-3.16	46.18	Ave	74	54	-7.82	173	1.00

Modulation Standard: IEEE 802.11g (54Mbps), Adapter: Leader \ MT12-Y120100-A1

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2371.91	H	58.33	-3.56	54.77	Peak	74	54	-19.23	226	1.15
2389.97	H	46.56	-3.50	43.06	Ave	74	54	-10.94	226	1.15
2389.46	V	58.75	-3.50	55.25	Peak	74	54	-18.75	190	1.00
2389.97	V	46.79	-3.50	43.30	Ave	74	54	-10.70	190	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2496.85	H	58.65	-3.11	55.54	Peak	74	54	-18.46	240	1.15
2495.40	H	46.88	-3.12	43.77	Ave	74	54	-10.23	240	1.15
2486.21	V	58.92	-3.15	55.77	Peak	74	54	-18.23	174	1.00
2483.51	V	47.43	-3.16	44.27	Ave	74	54	-9.73	174	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz

Test Date	:	Nov. 07, 2008
Temperature	:	26℃
Humidity	:	65%
Atmospheric Pressure	:	1007 hPa
Test Mode	:	IP1006GA

Modulation Standard: IEEE 802.11n HT20 (130Mbps), Adapter: Leader \ MT12-Y120100-A1

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2326.22	H	58.60	-3.73	54.87	Peak	74	54	-19.13	240	1.26
2389.97	H	46.50	-3.50	43.00	Ave	74	54	-11.00	240	1.26
2333.15	V	60.24	-3.70	56.54	Peak	74	54	-17.46	206	1.00
2328.26	V	47.21	-3.72	43.49	Ave	74	54	-10.51	206	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2494.45	H	58.42	-3.12	55.30	Peak	74	54	-18.70	240	1.17
2499.32	H	46.83	-3.10	43.73	Ave	74	54	-10.27	240	1.17
2494.83	V	58.32	-3.12	55.20	Peak	74	54	-18.80	177	1.00
2499.58	V	46.85	-3.10	43.75	Ave	74	54	-10.25	177	1.00

Modulation Standard: IEEE 802.11n HT40 (270Mbps), Adapter: Leader \ MT12-Y120100-A1

Channel 3										Fundamental Frequency: 2422 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2356.31	H	58.42	-3.62	54.80	Peak	74	54	-19.20	240	1.16
2389.97	H	46.49	-3.50	42.99	Ave	74	54	-11.01	240	1.16
2384.87	V	62.15	-3.51	58.63	Peak	74	54	-15.37	160	1.00
2389.76	V	46.86	-3.50	43.36	Ave	74	54	-10.64	160	1.00
Channel 9										Fundamental Frequency: 2452 MHz
2498.06	H	58.08	-3.11	54.98	Peak	74	54	-19.02	240	1.18
2499.77	H	46.78	-3.10	43.68	Ave	74	54	-10.32	240	1.18
2489.13	V	59.83	-3.14	56.69	Peak	74	54	-17.31	185	1.00
2485.45	V	47.04	-3.15	43.89	Ave	74	54	-10.11	185	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz

Test Date	:	Nov. 07, 2008
Temperature	:	26℃
Humidity	:	65%
Atmospheric Pressure	:	1007 hPa
Test Mode	:	IP1006GA

Modulation Standard: IEEE 802.11b (11Mbps), Adapter: Sunny \ SYS1381-1212-W2

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.76	H	61.21	-3.50	57.71	Peak	74	54	-16.29	200	1.10
2334.38	H	48.46	-3.70	44.76	Ave	74	54	-9.24	200	1.10
2363.24	V	60.44	-3.59	56.85	Peak	74	54	-17.15	192	1.00
2389.97	V	47.87	-3.50	44.37	Ave	74	54	-9.63	192	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2483.81	H	58.57	-3.16	55.41	Peak	74	54	-18.59	231	1.15
2499.32	H	47.75	-3.10	44.65	Ave	74	54	-9.35	231	1.15
2483.51	V	60.51	-3.16	57.35	Peak	74	54	-16.65	173	1.00
2483.51	V	48.93	-3.16	45.77	Ave	74	54	-8.23	173	1.00

Modulation Standard: IEEE 802.11g (54Mbps), Adapter: Sunny \ SYS1381-1212-W2

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2371.91	H	58.58	-3.56	55.02	Peak	74	54	-18.98	226	1.15
2389.97	H	47.49	-3.50	43.99	Ave	74	54	-10.01	226	1.15
2389.46	V	58.54	-3.50	55.04	Peak	74	54	-18.96	190	1.00
2389.97	V	46.15	-3.50	42.65	Ave	74	54	-11.35	190	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2496.85	H	59.39	-3.11	56.28	Peak	74	54	-17.72	240	1.15
2495.40	H	47.40	-3.12	44.28	Ave	74	54	-9.72	240	1.15
2486.21	V	58.90	-3.15	55.75	Peak	74	54	-18.25	174	1.00
2483.51	V	46.67	-3.16	43.51	Ave	74	54	-10.49	174	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz

Test Date	:	Nov. 07, 2008
Temperature	:	26℃
Humidity	:	65%
Atmospheric Pressure	:	1007 hPa
Test Mode	:	IP1006GA

Modulation Standard: IEEE 802.11n HT20 (130Mbps), Adapter: Sunny \ SYS1381-1212-W2

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2326.22	H	58.70	-3.73	54.97	Peak	74	54	-19.03	240	1.26
2389.97	H	47.28	-3.50	43.78	Ave	74	54	-10.22	240	1.26
2333.15	V	60.07	-3.70	56.37	Peak	74	54	-17.63	206	1.00
2328.26	V	46.71	-3.72	42.99	Ave	74	54	-11.01	206	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2494.45	H	59.13	-3.12	56.01	Peak	74	54	-17.99	240	1.17
2499.32	H	47.23	-3.10	44.13	Ave	74	54	-9.87	240	1.17
2494.83	V	57.74	-3.12	54.62	Peak	74	54	-19.38	177	1.00
2499.58	V	46.38	-3.10	43.28	Ave	74	54	-10.72	177	1.00

Modulation Standard: IEEE 802.11n HT40 (270Mbps), Adapter: Sunny \ SYS1381-1212-W2

Channel 3										Fundamental Frequency: 2422 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2356.31	H	59.31	-3.62	55.69	Peak	74	54	-18.31	240	1.16
2389.97	H	47.41	-3.50	43.91	Ave	74	54	-10.09	240	1.16
2384.87	V	61.70	-3.51	58.19	Peak	74	54	-15.81	160	1.00
2389.76	V	46.63	-3.50	43.13	Ave	74	54	-10.87	160	1.00
Channel 9										Fundamental Frequency: 2452 MHz
2498.06	H	58.38	-3.11	55.27	Peak	74	54	-18.73	240	1.18
2499.77	H	47.73	-3.10	44.63	Ave	74	54	-9.37	240	1.18
2489.13	V	59.72	-3.14	56.58	Peak	74	54	-17.42	185	1.00
2485.45	V	46.96	-3.15	43.81	Ave	74	54	-10.19	185	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz

Test Date	:	Nov. 07, 2008
Temperature	:	26℃
Humidity	:	65%
Atmospheric Pressure	:	1007 hPa
Test Mode	:	IP1006GB

Modulation Standard: IEEE 802.11b (11Mbps), Adapter: Leader \ MT12-Y120100-A1

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.76	H	61.07	-3.50	57.57	Peak	74	54	-16.43	200	1.10
2334.38	H	48.32	-3.70	44.62	Ave	74	54	-9.38	200	1.10
2363.24	V	60.04	-3.59	56.45	Peak	74	54	-17.55	192	1.00
2389.97	V	47.30	-3.50	43.80	Ave	74	54	-10.20	192	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2483.81	H	58.79	-3.16	55.63	Peak	74	54	-18.37	231	1.15
2499.32	H	47.49	-3.10	44.39	Ave	74	54	-9.61	231	1.15
2483.51	V	60.53	-3.16	57.37	Peak	74	54	-16.63	173	1.00
2483.51	V	48.35	-3.16	45.19	Ave	74	54	-8.81	173	1.00

Modulation Standard: IEEE 802.11g (54Mbps), Adapter: Leader \ MT12-Y120100-A1

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2371.91	H	58.71	-3.56	55.15	Peak	74	54	-18.85	226	1.15
2389.97	H	46.75	-3.50	43.25	Ave	74	54	-10.75	226	1.15
2389.46	V	58.75	-3.50	55.25	Peak	74	54	-18.75	190	1.00
2389.97	V	46.08	-3.50	42.58	Ave	74	54	-11.42	190	1.00
Channel 11										Fundamental Frequency: 2462 MHz
2496.85	H	58.75	-3.11	55.64	Peak	74	54	-18.36	240	1.15
2495.40	H	47.05	-3.12	43.93	Ave	74	54	-10.07	240	1.15
2486.21	V	58.32	-3.15	55.17	Peak	74	54	-18.83	174	1.00
2483.51	V	47.16	-3.16	44.00	Ave	74	54	-10.00	174	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz