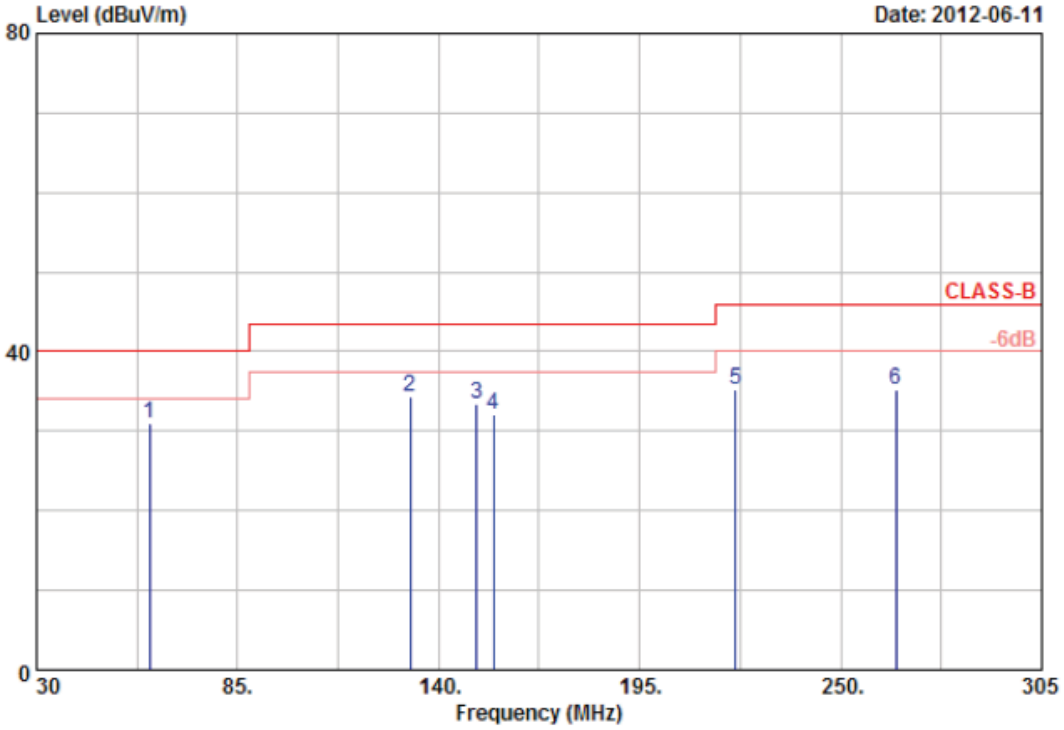
Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

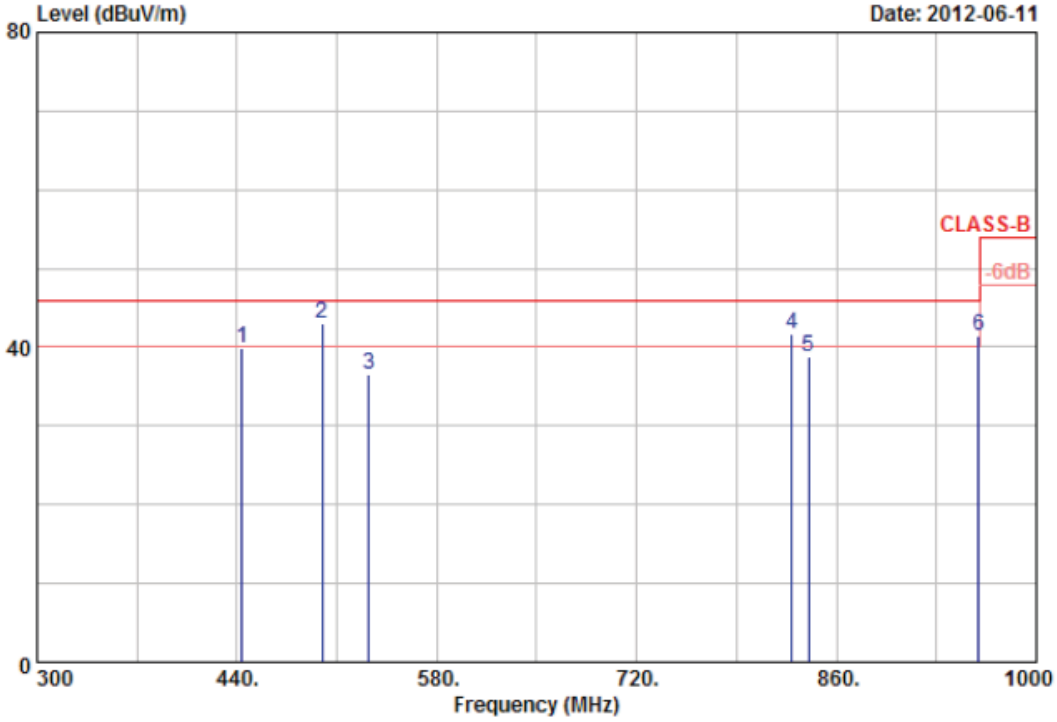


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	60.80	48.70	-17.63	31.07	40.00	-8.93	Peak	100	0
2	132.30	50.71	-16.28	34.43	43.50	-9.07	Peak	100	0
3	150.45	48.11	-14.79	33.32	43.50	-10.18	Peak	100	0
4	155.13	47.83	-15.63	32.20	43.50	-11.30	Peak	100	0
5	221.13	50.65	-15.53	35.12	46.00	-10.88	Peak	100	0
6	265.13	49.06	-13.87	35.19	46.00	-10.81	Peak	100	0

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. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

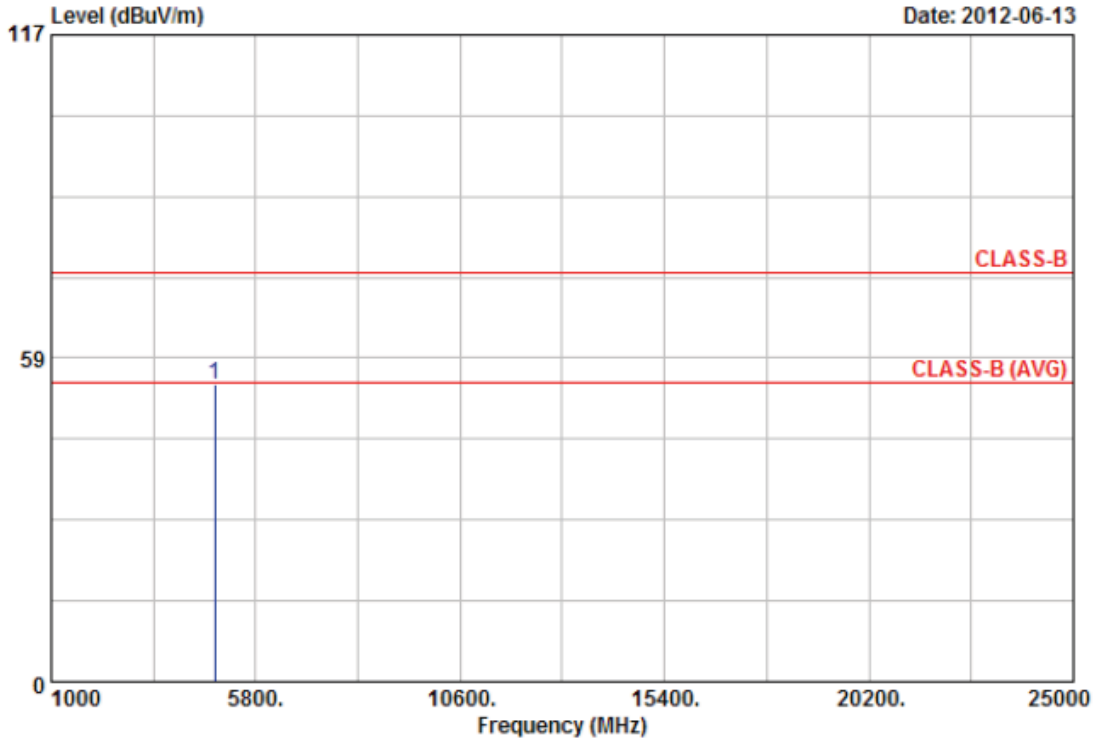


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	443.50	45.47	-5.56	39.91	46.00	-6.09	Peak	100	0
2	499.50	43.16	-0.22	42.94	46.00	-3.06	QP	100	0
3	532.40	34.54	2.00	36.54	46.00	-9.46	Peak	100	0
4	828.50	33.30	8.34	41.64	46.00	-4.36	QP	100	0
5	840.40	30.36	8.52	38.88	46.00	-7.12	Peak	100	0
6	959.40	33.41	7.97	41.38	46.00	-4.62	QP	100	0

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. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.

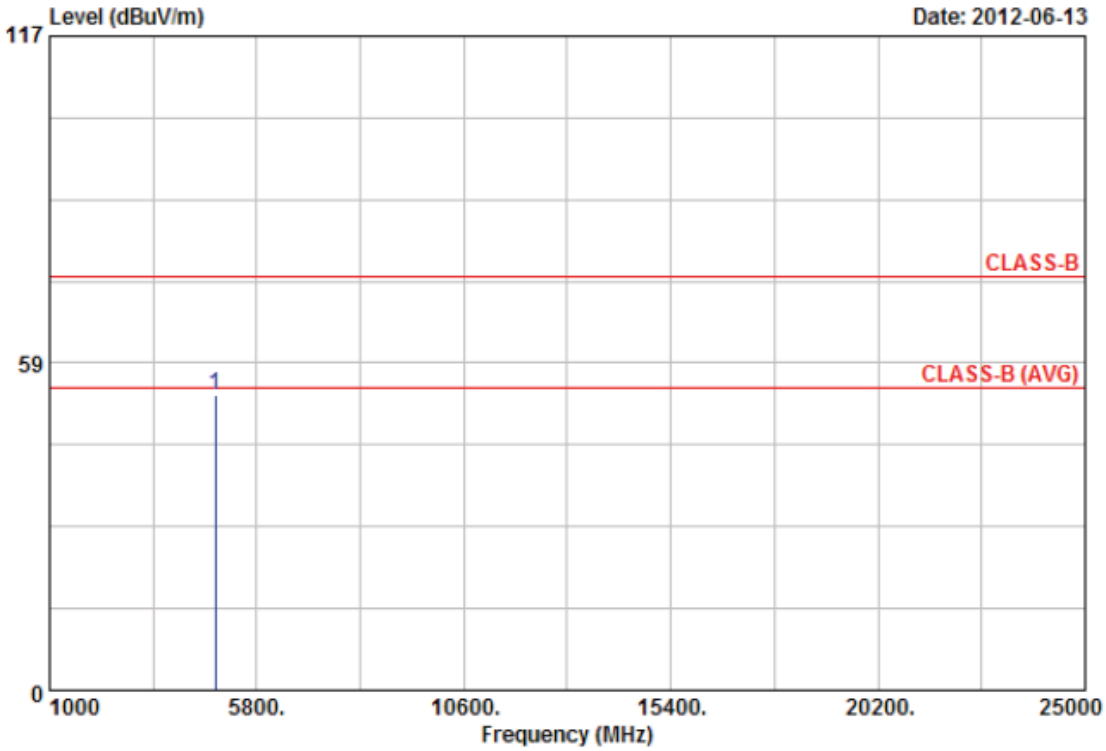
Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.25	47.91	6.01	53.92	74.00	-20.08	Peak	100	196

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	22 °C
Memo	:		Humidity	:	65 %

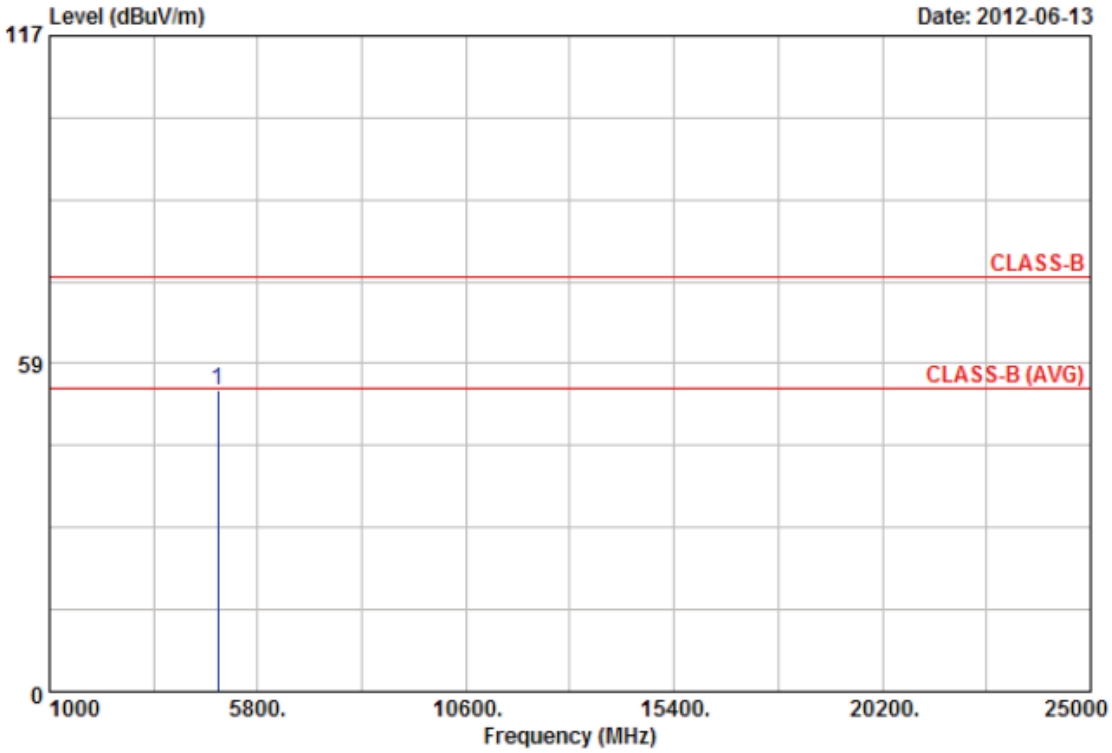


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.83	48.63	4.27	52.90	74.00	-21.10	Peak	100	196

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH6	Temperature	:	22 °C
Memo	:		Humidity	:	65 %

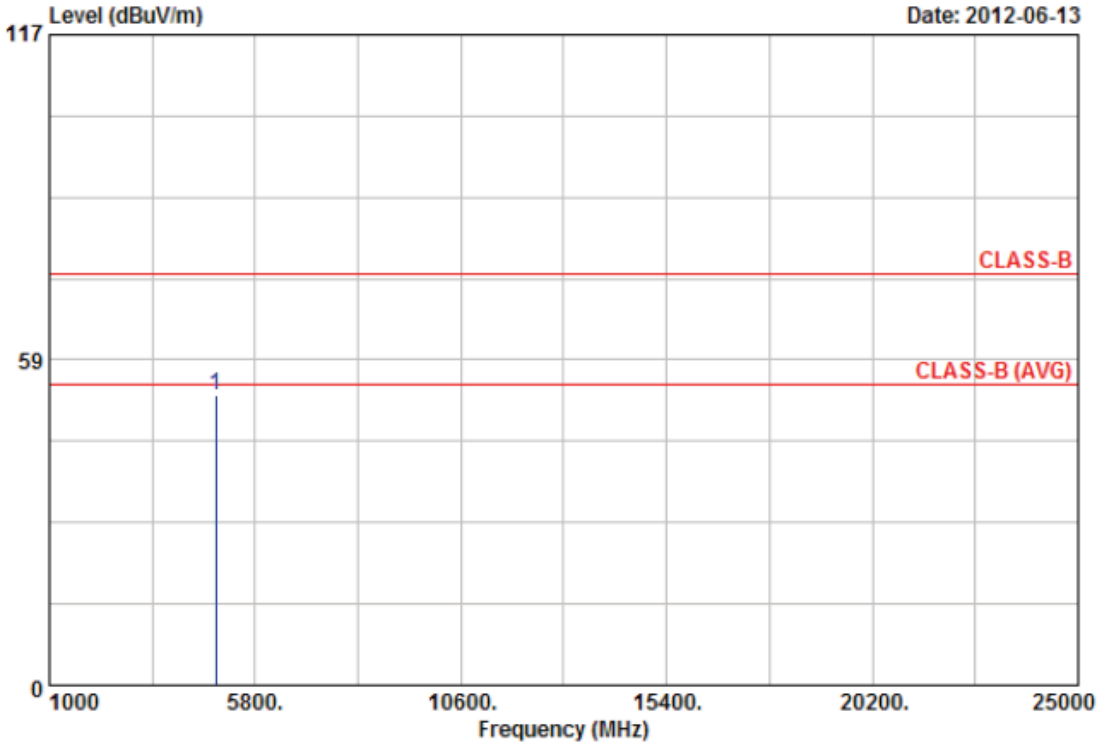


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	47.26	6.59	53.85	74.00	-20.15	Peak	100	196

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH6	Temperature	:	22 °C
Memo	:		Humidity	:	65 %

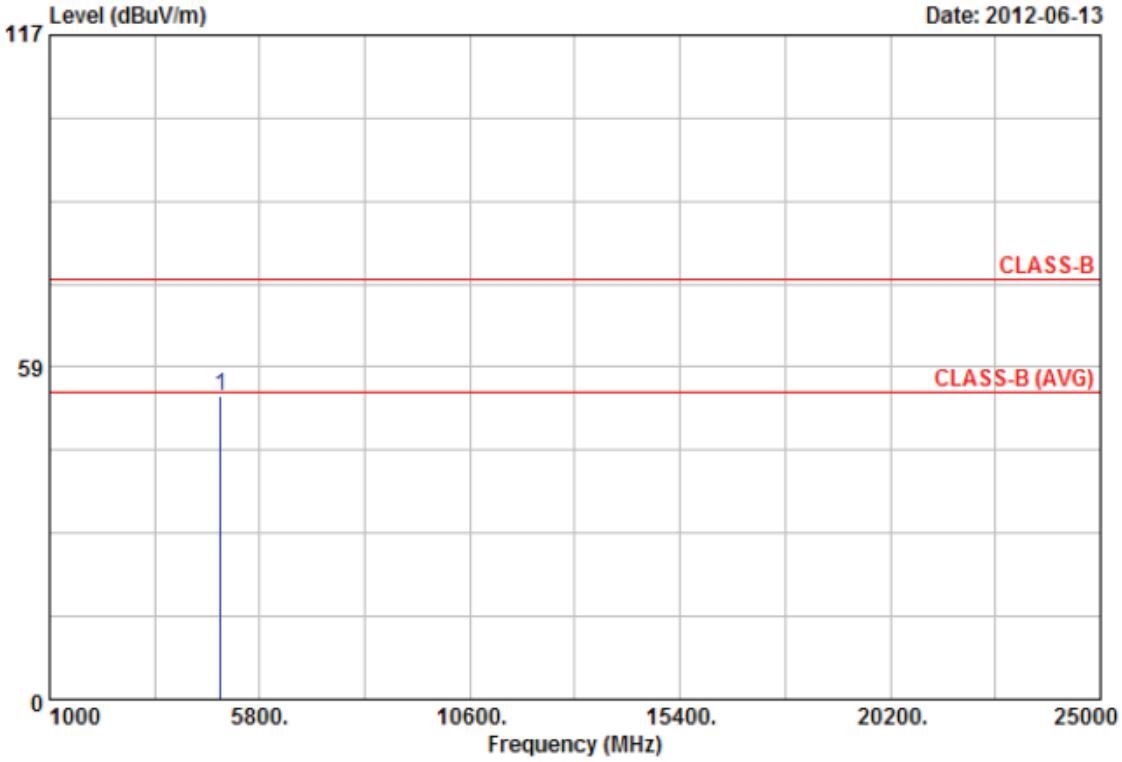


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.10	47.56	4.73	52.29	74.00	-21.71	Peak	100	196

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH9	Temperature	:	22 °C
Memo	:		Humidity	:	65 %

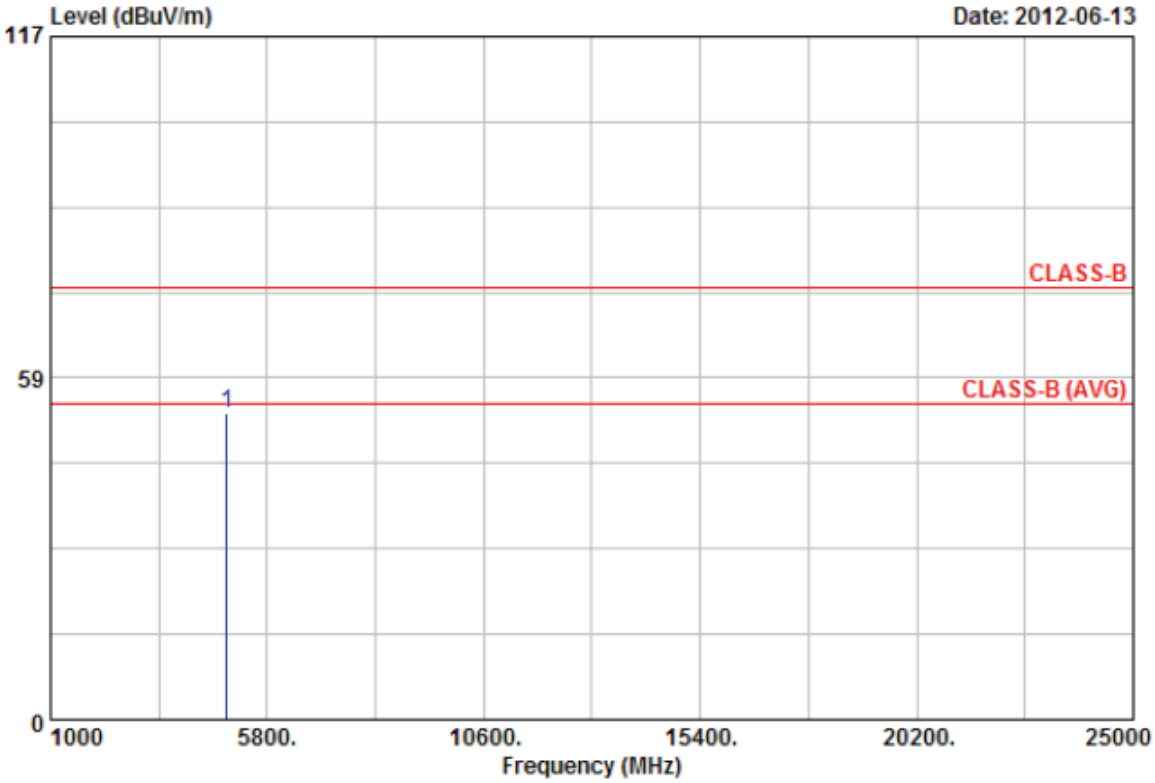


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.80	46.43	7.12	53.55	74.00	-20.45	Peak	100	196

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH9	Temperature	:	22 °C
Memo	:		Humidity	:	65 %

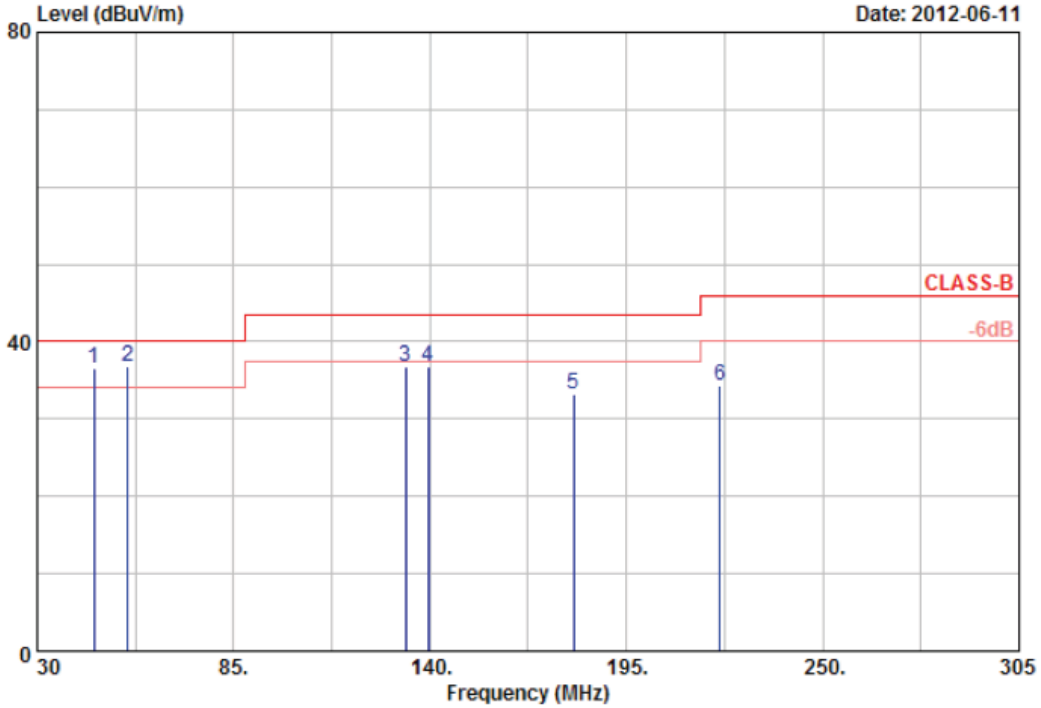


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4905.18	47.41	5.14	52.55	74.00	-21.45	Peak	100	196

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11a, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

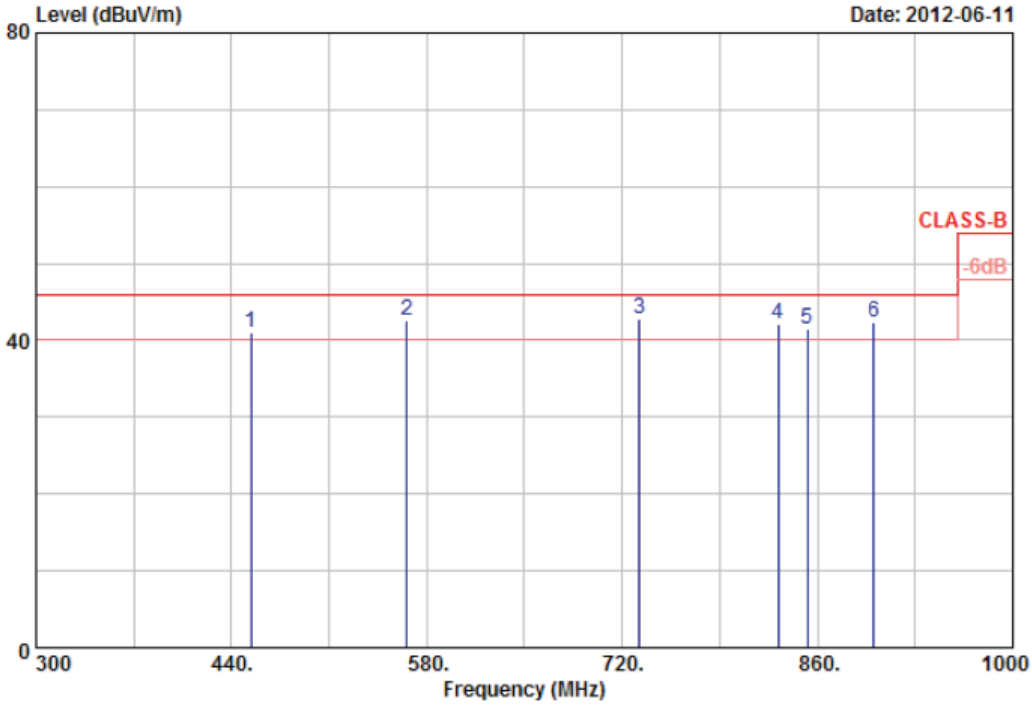


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	45.95	38.72	-2.20	36.52	40.00	-3.48	QP	100	0
2	55.30	49.27	-12.41	36.86	40.00	-3.14	QP	100	0
3	133.13	43.59	-6.90	36.69	43.50	-6.81	Peak	100	0
4	139.45	44.08	-7.40	36.68	43.50	-6.82	Peak	100	0
5	180.15	38.37	-5.15	33.22	43.50	-10.28	Peak	100	0
6	221.13	40.57	-6.18	34.39	46.00	-11.61	Peak	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11a, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

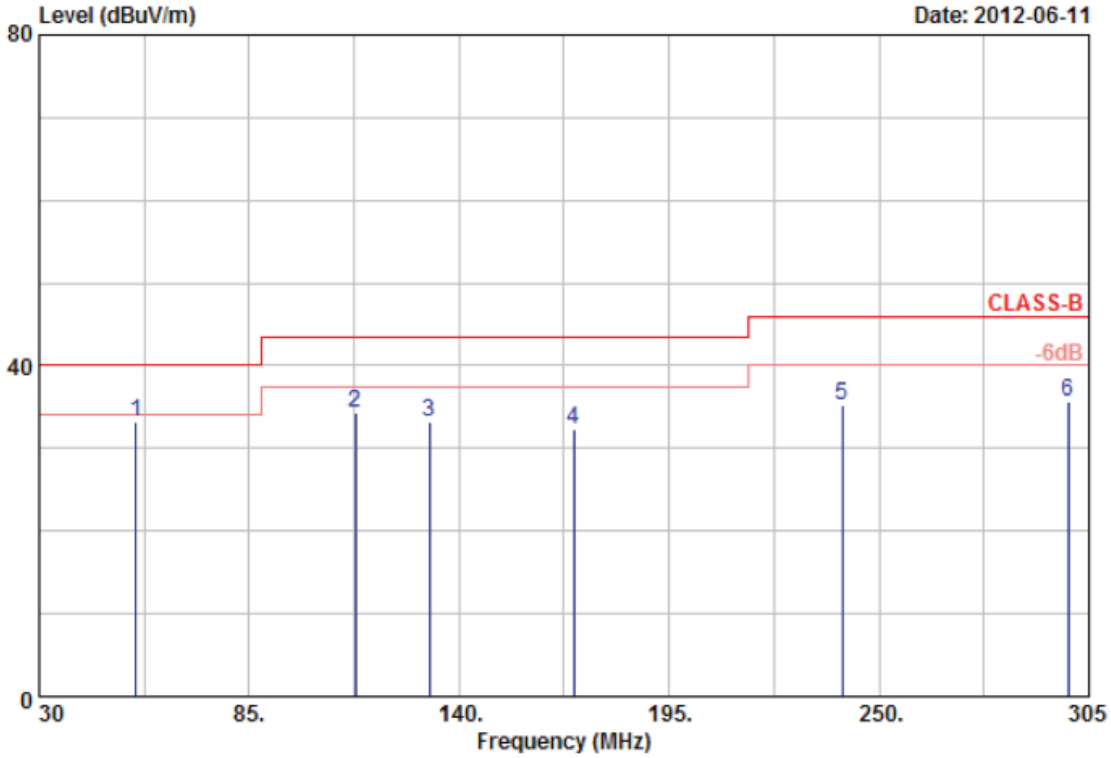


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	454.00	49.19	-8.08	41.11	46.00	-4.89	QP	100	0
2	566.00	35.73	6.78	42.51	46.00	-3.49	QP	100	0
3	732.60	35.84	7.02	42.86	46.00	-3.14	QP	100	0
4	832.00	34.65	7.49	42.14	46.00	-3.86	QP	100	0
5	853.00	31.89	9.53	41.42	46.00	-4.58	QP	100	0
6	900.60	33.19	9.19	42.38	46.00	-3.62	QP	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11a, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

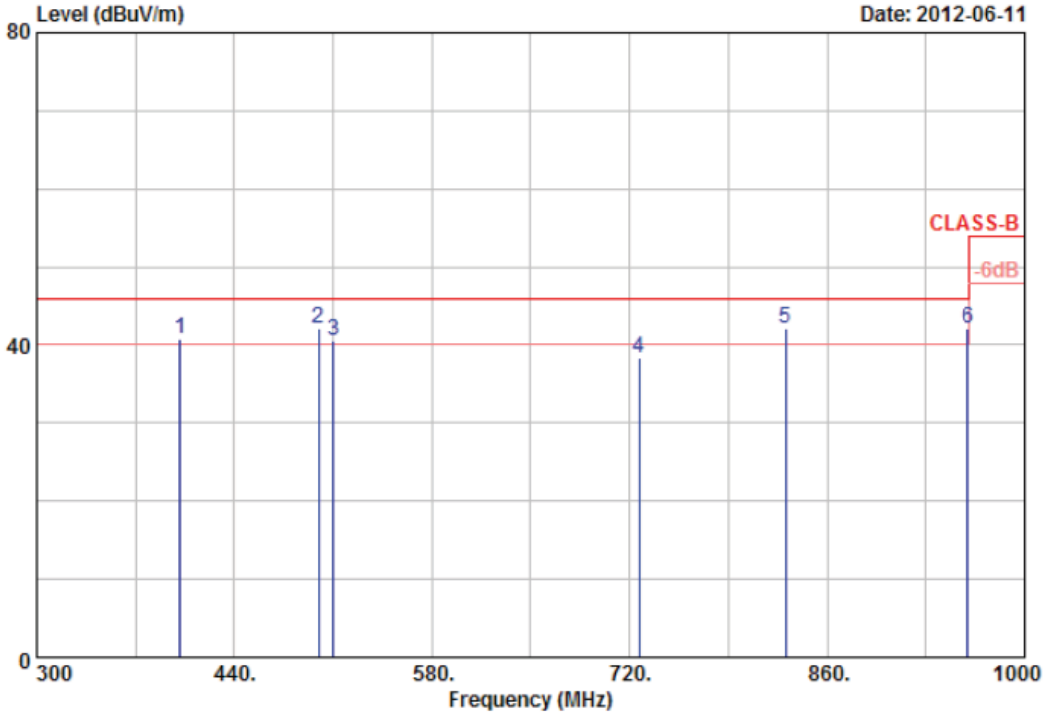


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	55.30	45.33	-12.06	33.27	40.00	-6.73	Peak	100	0
2	112.78	53.21	-18.99	34.22	43.50	-9.28	Peak	100	0
3	132.30	49.49	-16.28	33.21	43.50	-10.29	Peak	100	0
4	169.98	43.31	-10.97	32.34	43.50	-11.16	Peak	100	0
5	240.38	49.25	-13.99	35.26	46.00	-10.74	Peak	100	0
6	299.50	47.81	-12.09	35.72	46.00	-10.28	Peak	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11a, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

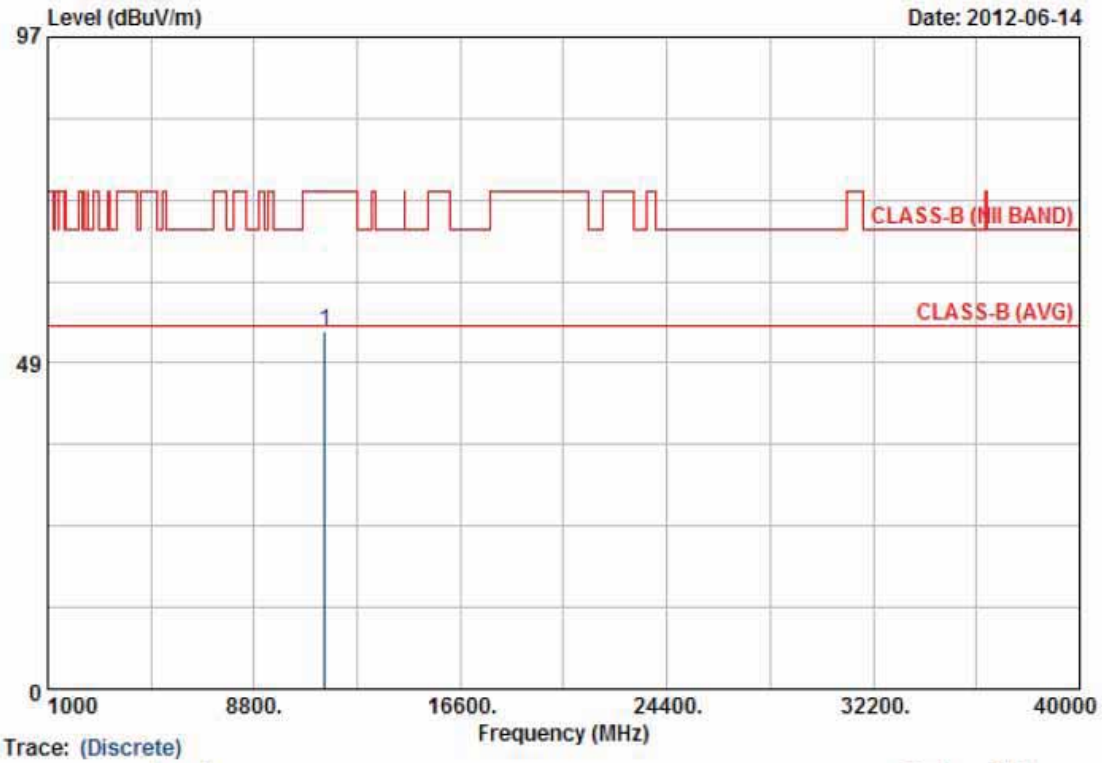


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	401.50	49.84	-9.02	40.82	46.00	-5.18	QP	100	0
2	499.50	42.40	-0.22	42.18	46.00	-3.82	QP	100	0
3	510.00	39.38	1.22	40.60	46.00	-5.40	QP	100	0
4	727.00	34.48	3.77	38.25	46.00	-7.75	Peak	100	0
5	830.60	33.59	8.59	42.18	46.00	-3.82	QP	100	0
6	959.40	34.11	7.97	42.08	46.00	-3.92	QP	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11a, CH149	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



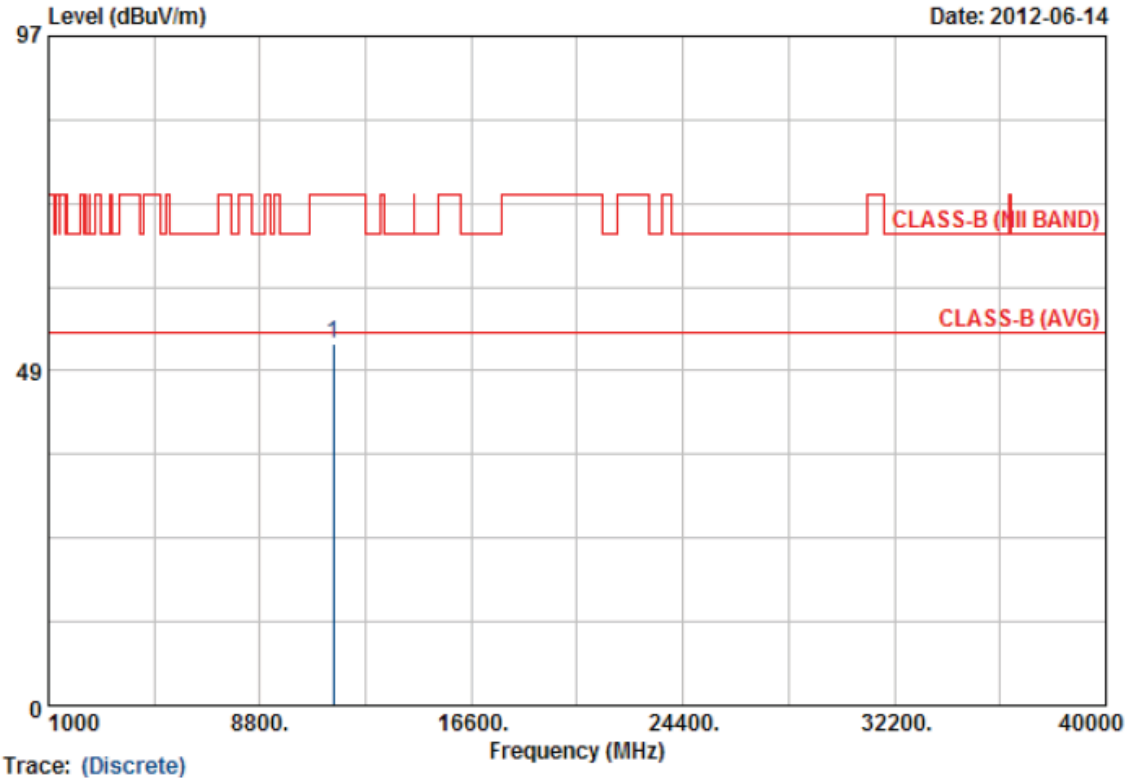
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11488.56	45.56	7.71	53.27	74.00	-20.73	Peak	100	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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11a, CH149	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



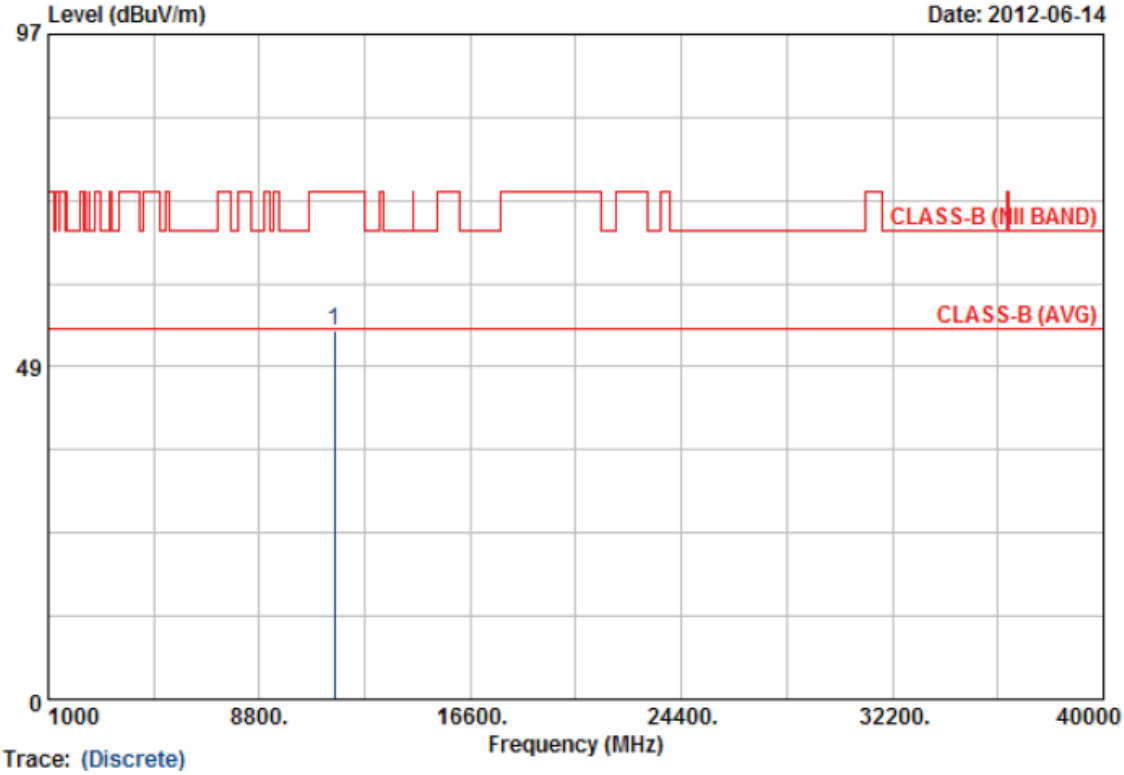
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11493.44	42.26	10.03	52.29	74.00	-21.71	Peak	100	122

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11a, CH157	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



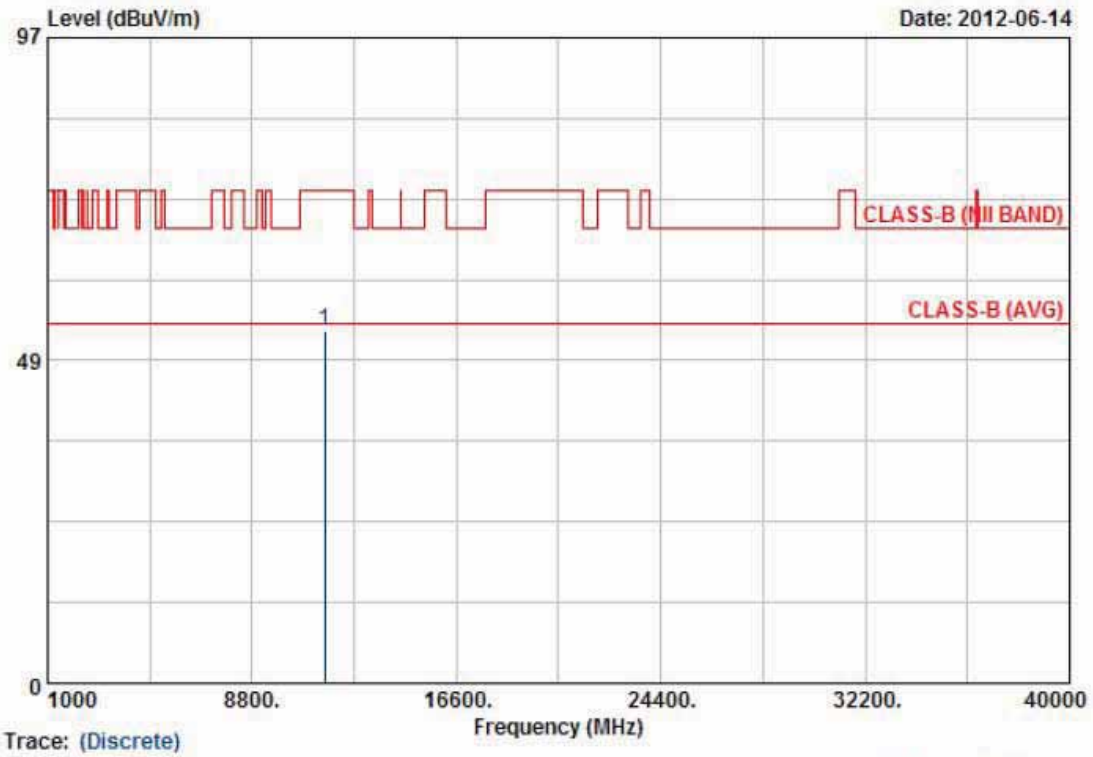
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.96	46.28	7.51	53.79	74.00	-20.21	Peak	100	258

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11a, CH157	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



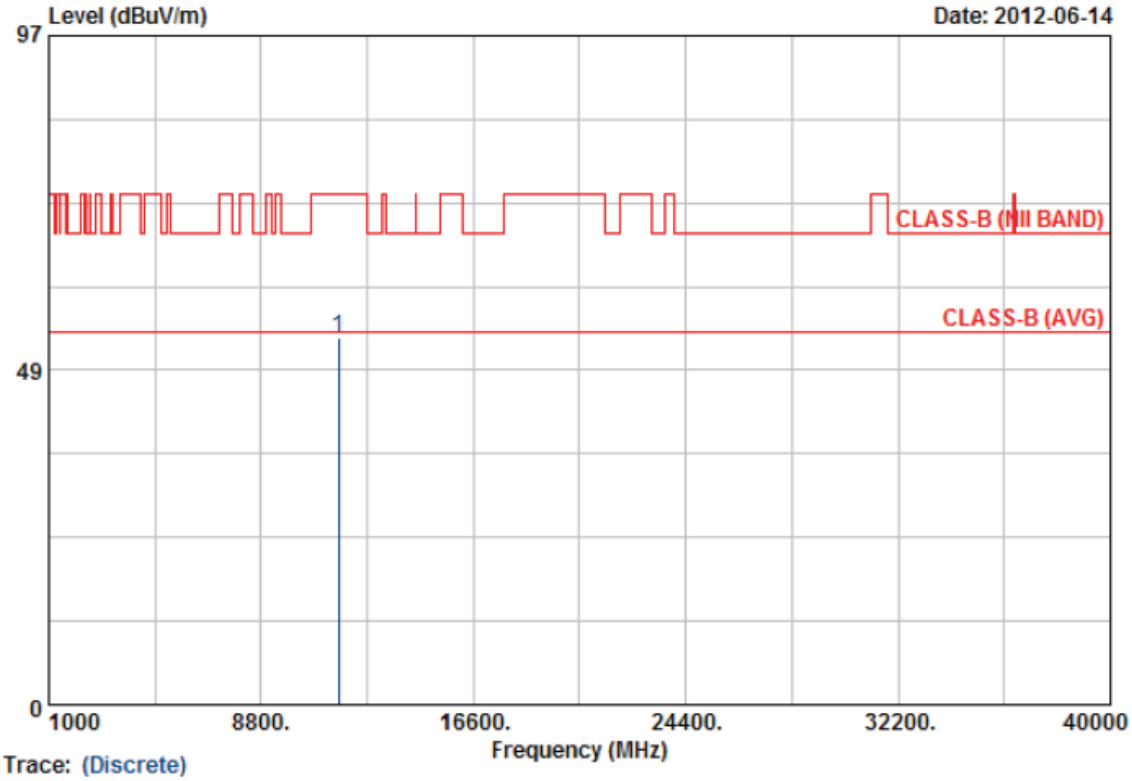
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11570.83	43.63	9.31	52.94	74.00	-21.06	Peak	100	129

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11a, CH165	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



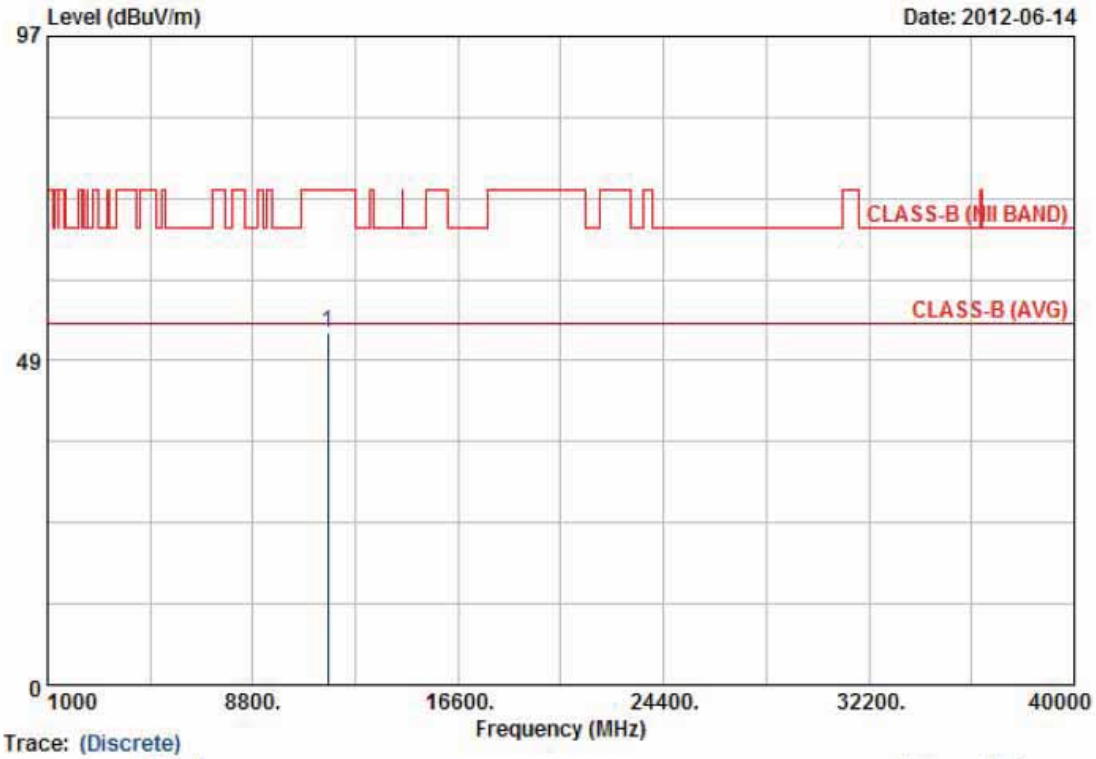
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11647.86	45.89	7.24	53.13	74.00	-20.87	Peak	100	124

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11a, CH165	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



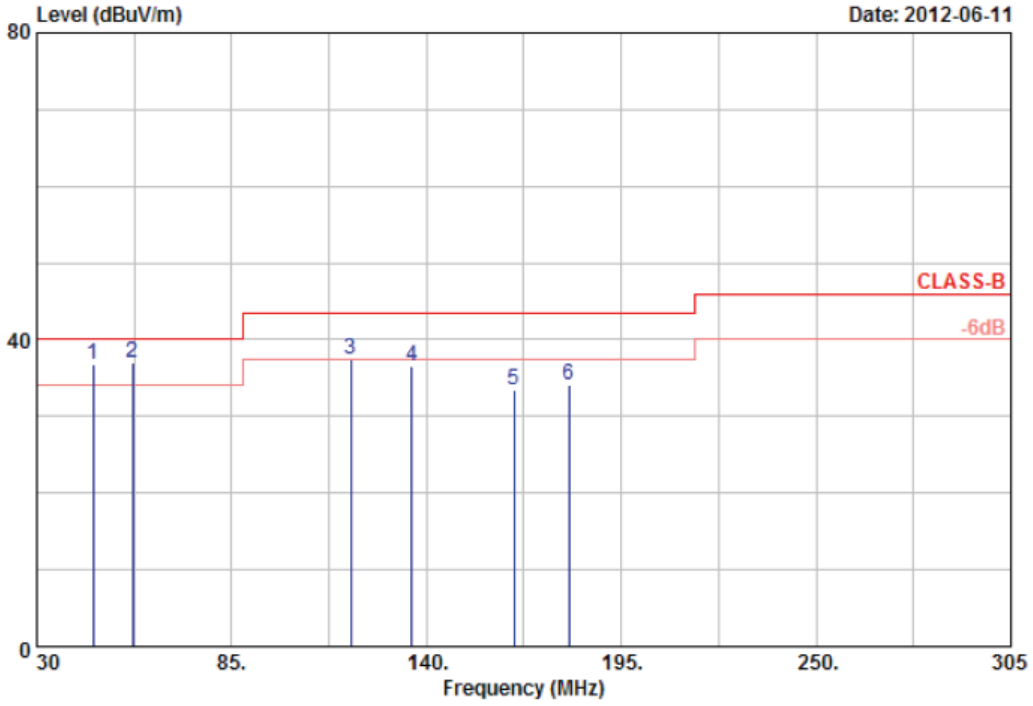
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11650.00	43.86	8.82	52.68	74.00	-21.32	Peak	100	242

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11an HT20, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

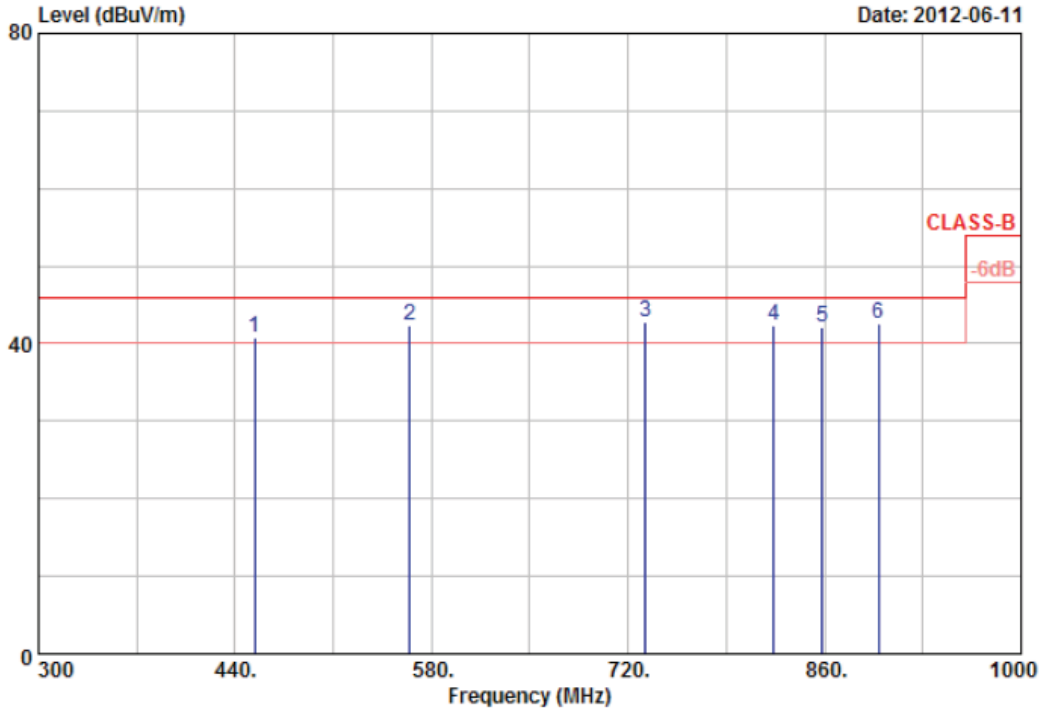


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	45.95	38.97	-2.20	36.77	40.00	-3.23	QP	100	0
2	56.95	48.84	-11.85	36.99	40.00	-3.01	QP	100	0
3	118.55	42.64	-5.29	37.35	43.50	-6.15	Peak	100	0
4	135.88	42.97	-6.38	36.59	43.50	-6.91	Peak	100	0
5	164.75	42.88	-9.40	33.48	43.50	-10.02	Peak	100	0
6	180.15	39.26	-5.15	34.11	43.50	-9.39	Peak	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11an HT20, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

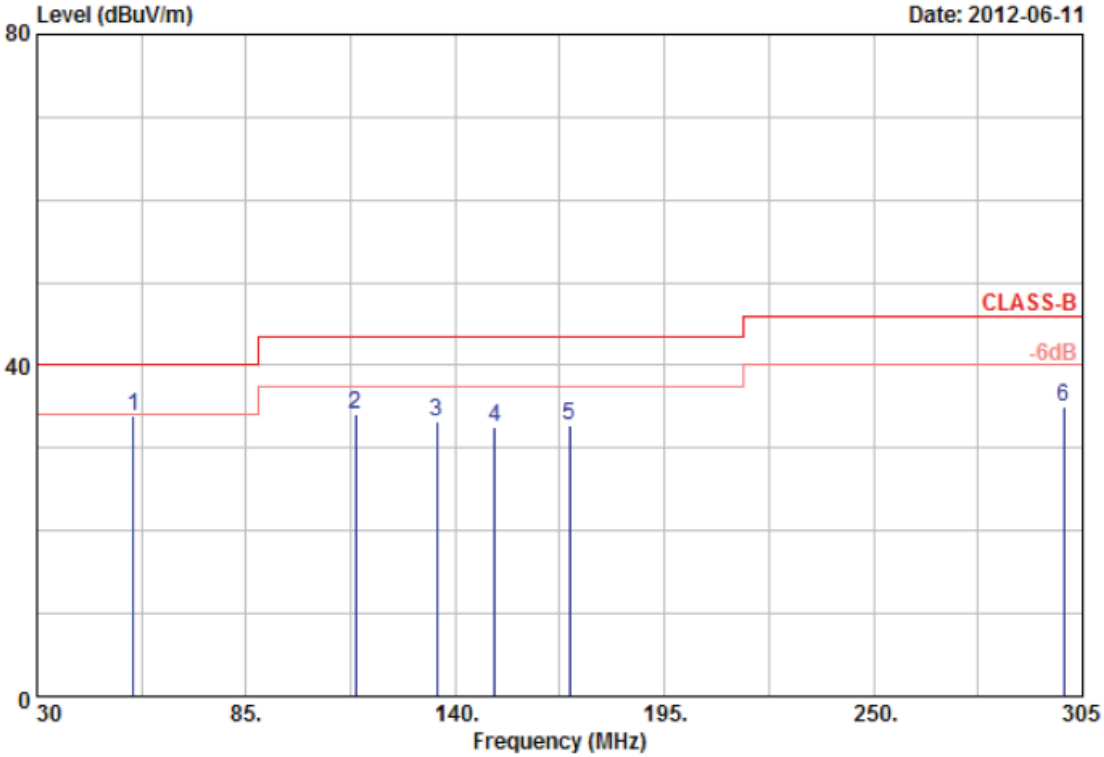


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	454.00	48.87	-8.08	40.79	46.00	-5.21	QP	100	0
2	564.60	35.78	6.59	42.37	46.00	-3.63	QP	100	0
3	732.60	35.82	7.02	42.84	46.00	-3.16	QP	100	0
4	823.60	35.63	6.62	42.25	46.00	-3.75	QP	100	0
5	858.60	32.97	9.06	42.03	46.00	-3.97	QP	100	0
6	898.50	33.45	9.19	42.64	46.00	-3.36	QP	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11an HT20, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

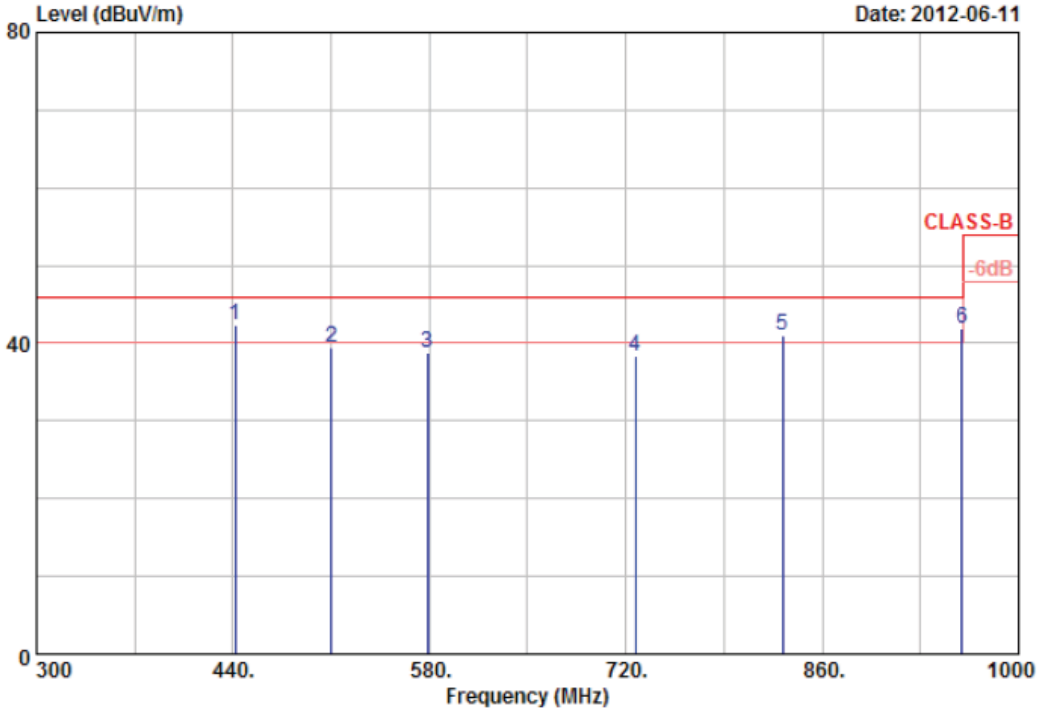


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	55.30	45.91	-12.06	33.85	40.00	-6.15	Peak	100	0
2	113.88	53.08	-19.01	34.07	43.50	-9.43	Peak	100	0
3	135.05	47.89	-14.68	33.21	43.50	-10.29	Peak	100	0
4	150.45	47.23	-14.79	32.44	43.50	-11.06	Peak	100	0
5	169.98	43.73	-10.97	32.76	43.50	-10.74	Peak	100	0
6	300.05	47.09	-12.08	35.01	46.00	-10.99	Peak	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11an HT20, CH149	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

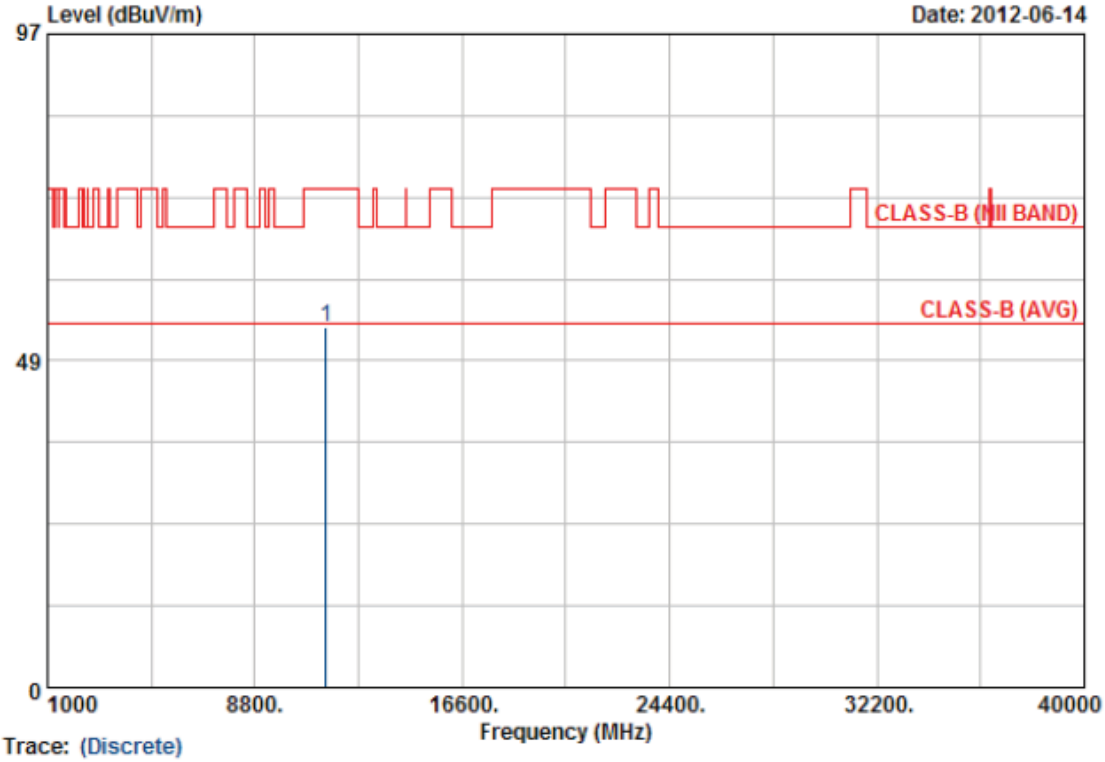


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	441.40	48.24	-5.91	42.33	46.00	-3.67	QP	100	0
2	510.00	38.22	1.22	39.44	46.00	-6.56	Peak	100	0
3	578.60	36.36	2.49	38.85	46.00	-7.15	Peak	100	0
4	727.00	34.45	3.77	38.22	46.00	-7.78	Peak	100	0
5	832.00	32.38	8.70	41.08	46.00	-4.92	QP	100	0
6	959.40	33.89	7.97	41.86	46.00	-4.14	QP	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11an HT20, CH149	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



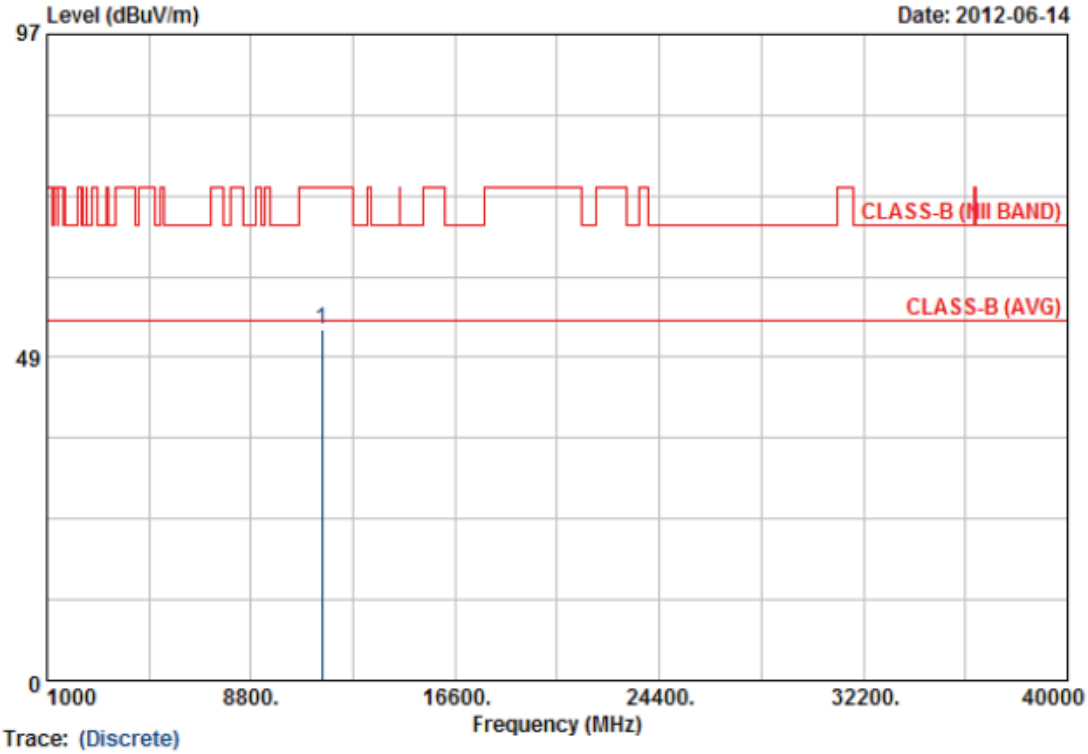
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11489.18	45.69	7.71	53.40	74.00	-20.60	Peak	100	216

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11an HT20, CH149	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



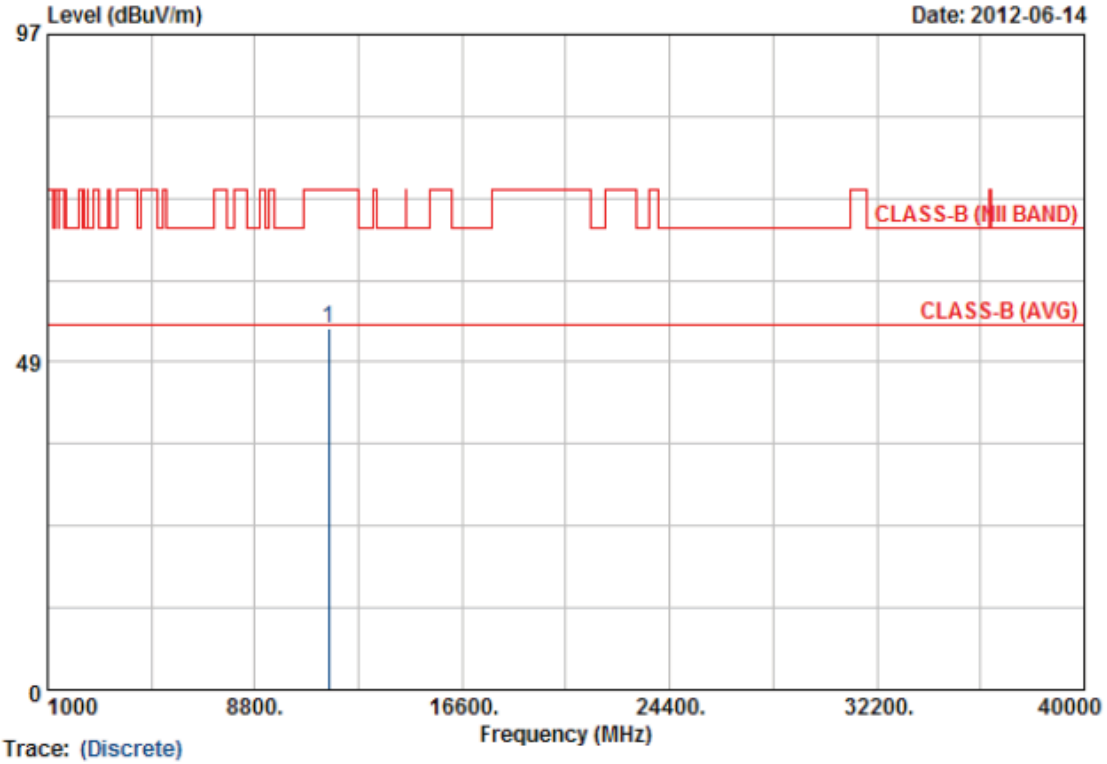
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11492.58	42.67	10.03	52.70	74.00	-21.30	Peak	100	208

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11an HT20, CH157	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



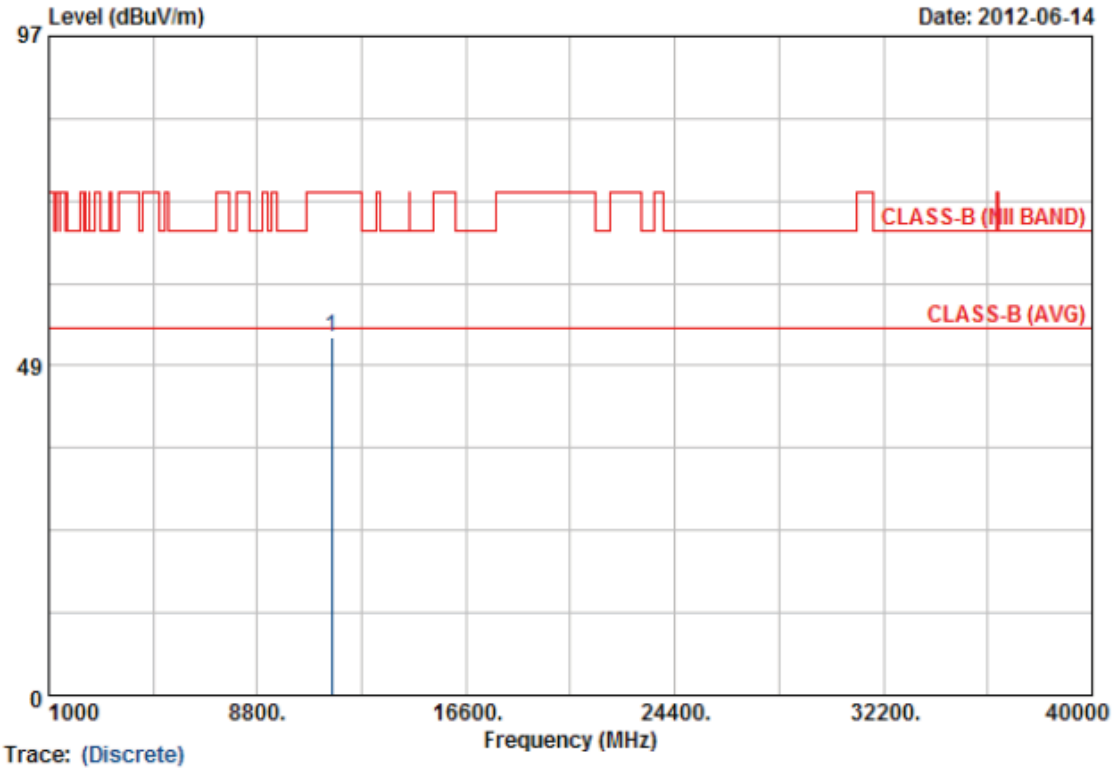
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.47	45.90	7.52	53.42	74.00	-20.58	Peak	100	250

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11an HT20, CH157	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



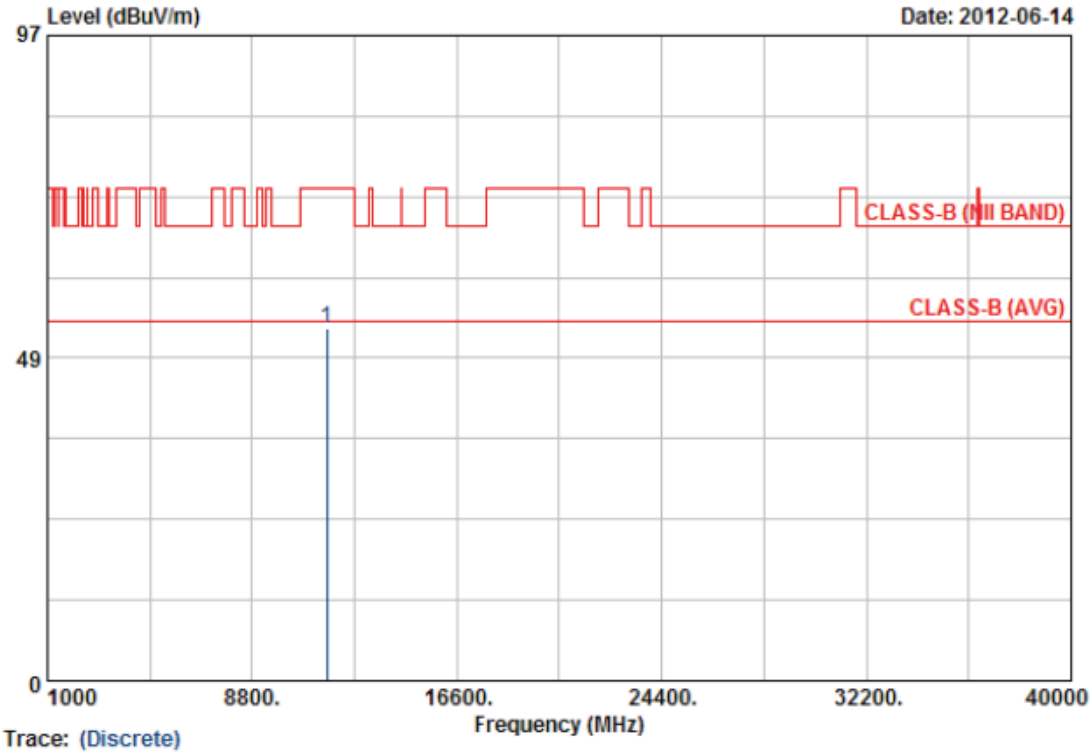
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.79	43.46	9.29	52.75	74.00	-21.25	Peak	100	162

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11an HT20, CH165	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



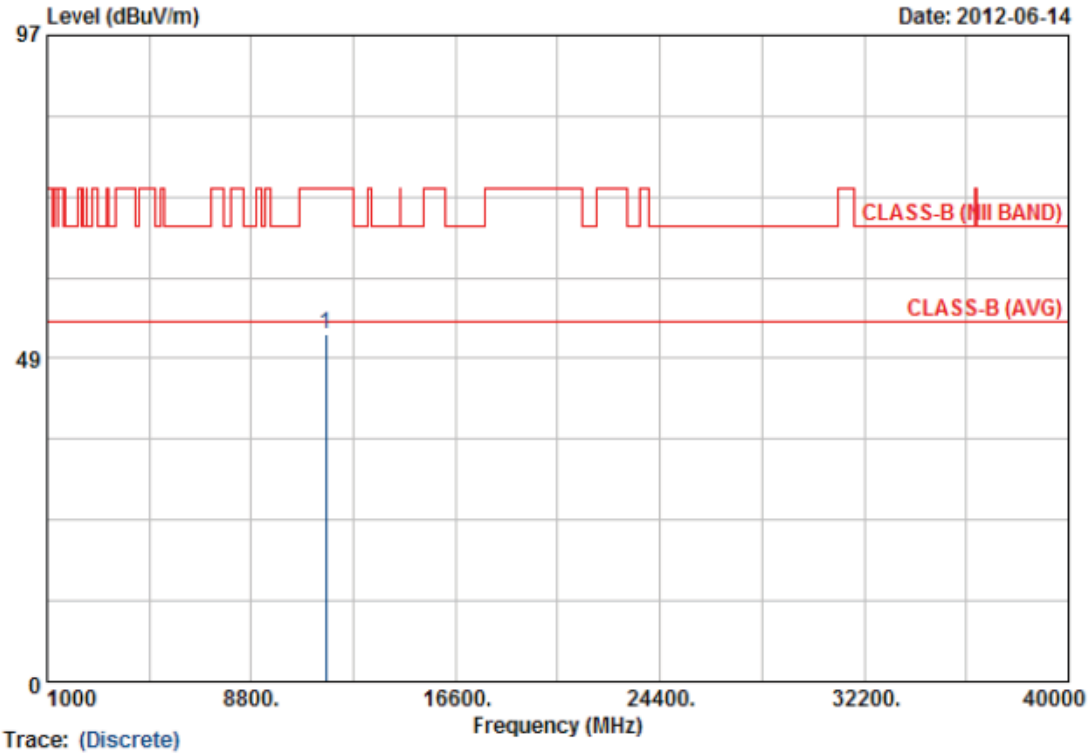
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11652.98	45.82	7.21	53.03	74.00	-20.97	Peak	100	232

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11an HT20, CH165	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



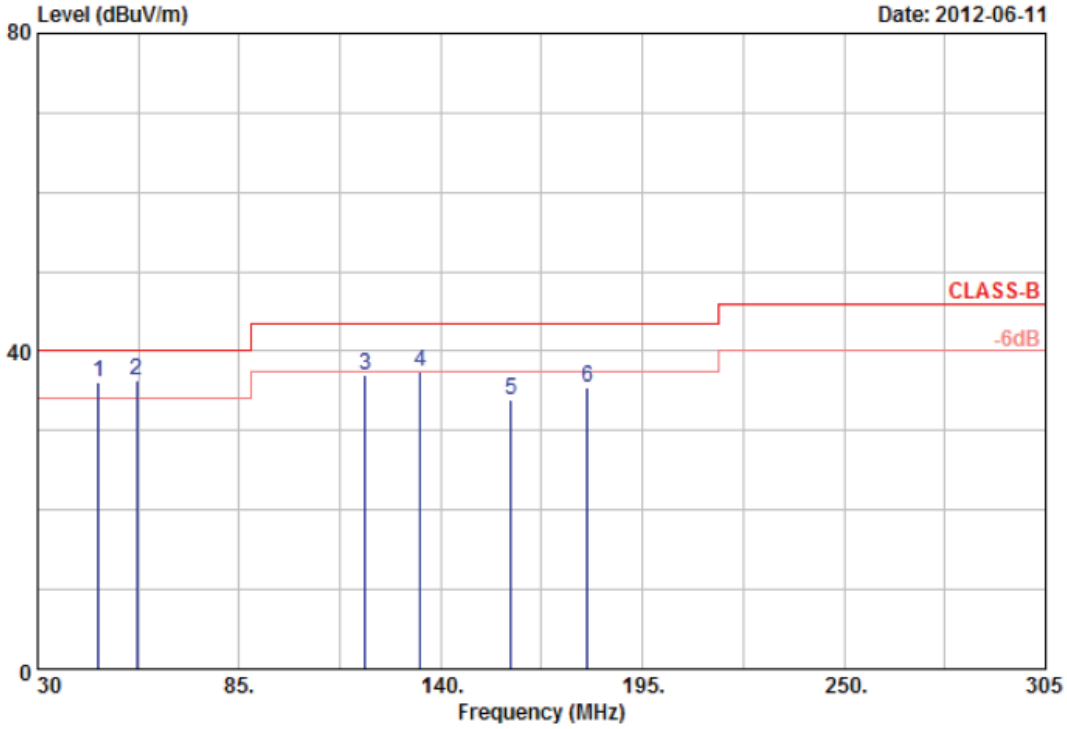
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11645.02	43.39	8.85	52.24	74.00	-21.76	Peak	100	282

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11an HT40, CH151	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

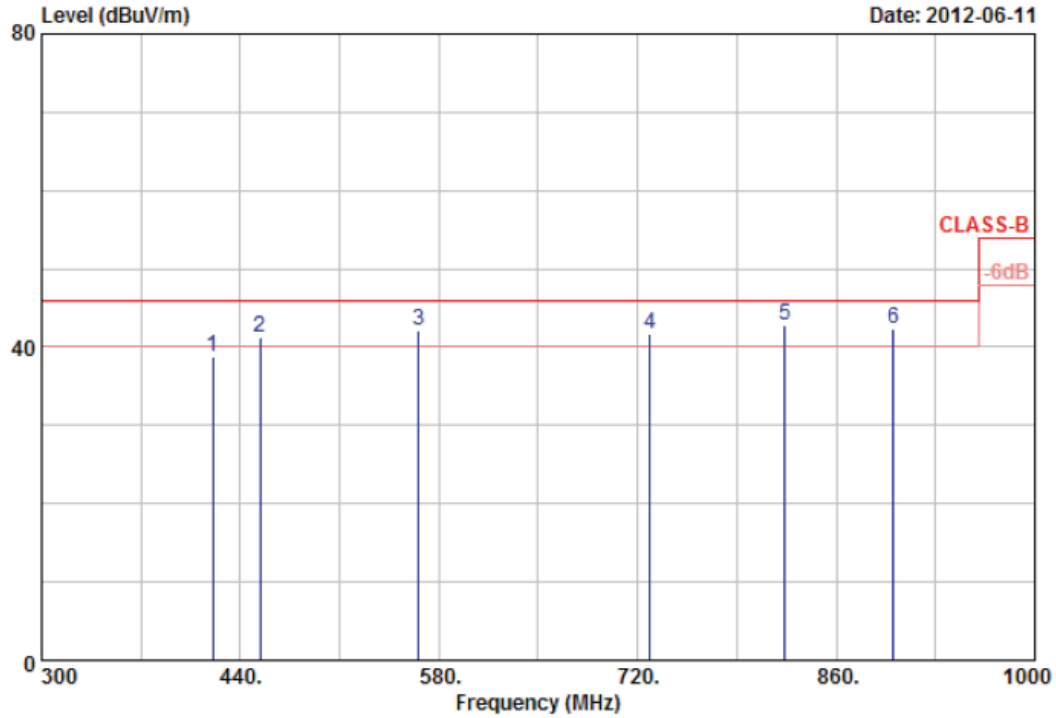


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	46.50	38.92	-2.83	36.09	40.00	-3.91	QP	100	0
2	56.95	48.26	-11.85	36.41	40.00	-3.59	QP	100	0
3	119.38	41.84	-4.92	36.92	43.50	-6.58	Peak	100	0
4	134.50	43.82	-6.34	37.48	43.50	-6.02	Peak	100	0
5	159.25	45.13	-11.15	33.98	43.50	-9.52	Peak	100	0
6	179.88	40.45	-5.06	35.39	43.50	-8.11	Peak	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11an HT40, CH151	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

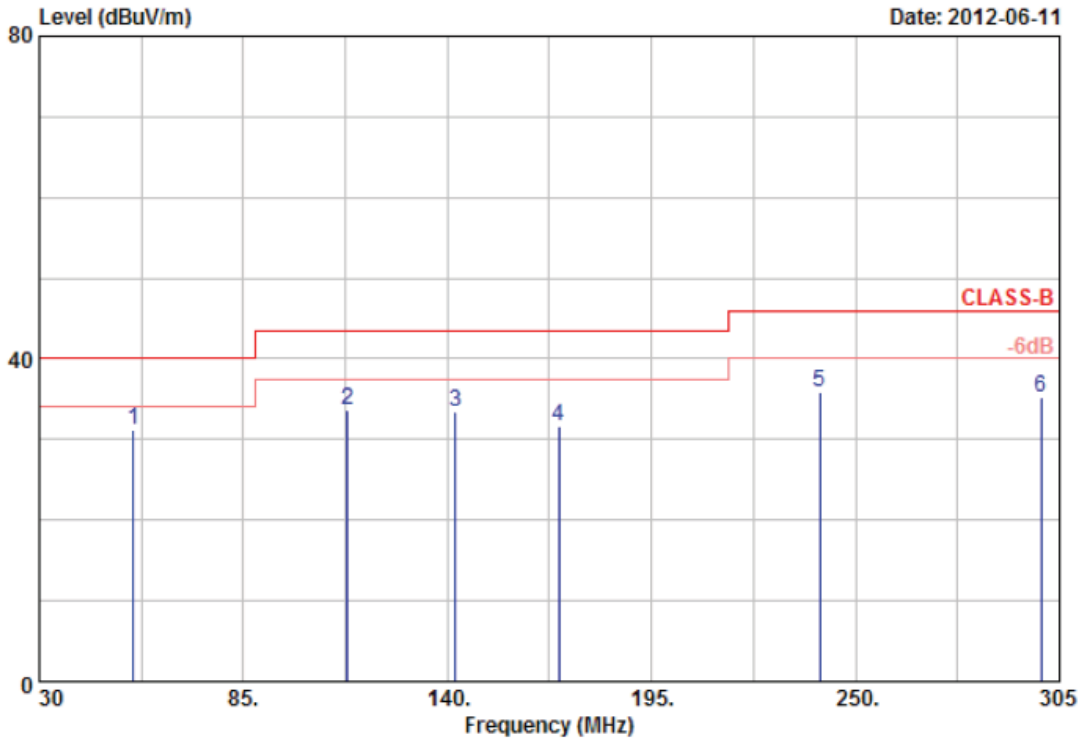


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	420.40	44.24	-5.52	38.72	46.00	-7.28	Peak	100	0
2	454.00	49.40	-8.08	41.32	46.00	-4.68	QP	100	0
3	566.00	35.26	6.78	42.04	46.00	-3.96	QP	100	0
4	728.40	34.91	6.82	41.73	46.00	-4.27	QP	100	0
5	823.60	36.13	6.62	42.75	46.00	-3.25	QP	100	0
6	900.60	33.24	9.19	42.43	46.00	-3.57	QP	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11an HT40, CH151	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

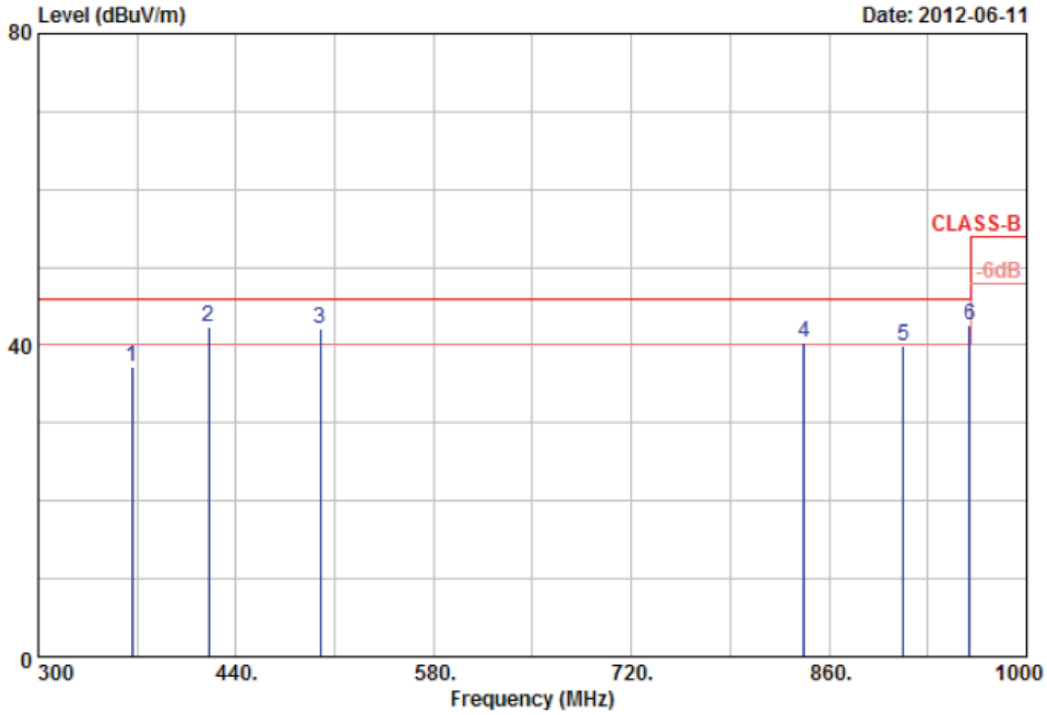


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	55.30	43.30	-12.06	31.24	40.00	-8.76	Peak	100	0
2	113.05	52.60	-18.99	33.61	43.50	-9.89	Peak	100	0
3	142.20	48.03	-14.65	33.38	43.50	-10.12	Peak	100	0
4	169.98	42.54	-10.97	31.57	43.50	-11.93	Peak	100	0
5	240.38	49.90	-13.99	35.91	46.00	-10.09	Peak	100	0
6	300.05	47.20	-12.08	35.12	46.00	-10.88	Peak	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11an HT40, CH151	Temperature	:	25 °C
Memo	:		Humidity	:	65 %

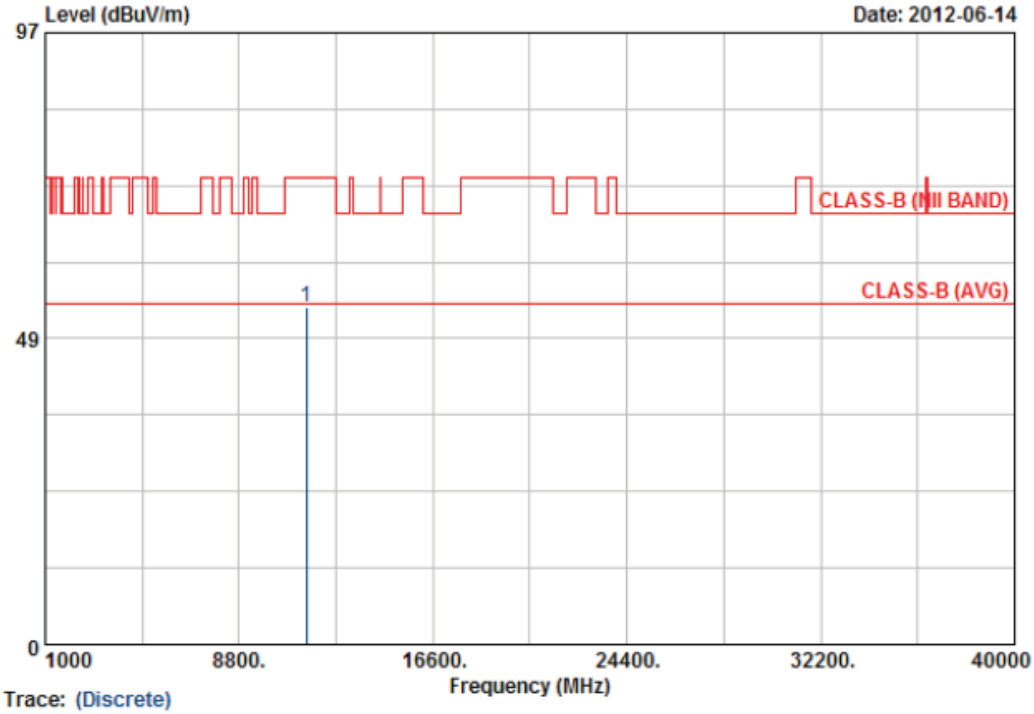


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	366.50	48.71	-11.46	37.25	46.00	-8.75	Peak	100	0
2	420.40	50.70	-8.38	42.32	46.00	-3.68	QP	100	0
3	499.50	42.27	-0.22	42.05	46.00	-3.95	QP	100	0
4	842.50	32.15	8.13	40.28	46.00	-5.72	QP	100	0
5	912.50	34.21	5.74	39.95	46.00	-6.05	Peak	100	0
6	959.40	34.51	7.97	42.48	46.00	-3.52	QP	100	0

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 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11an HT40, CH151	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



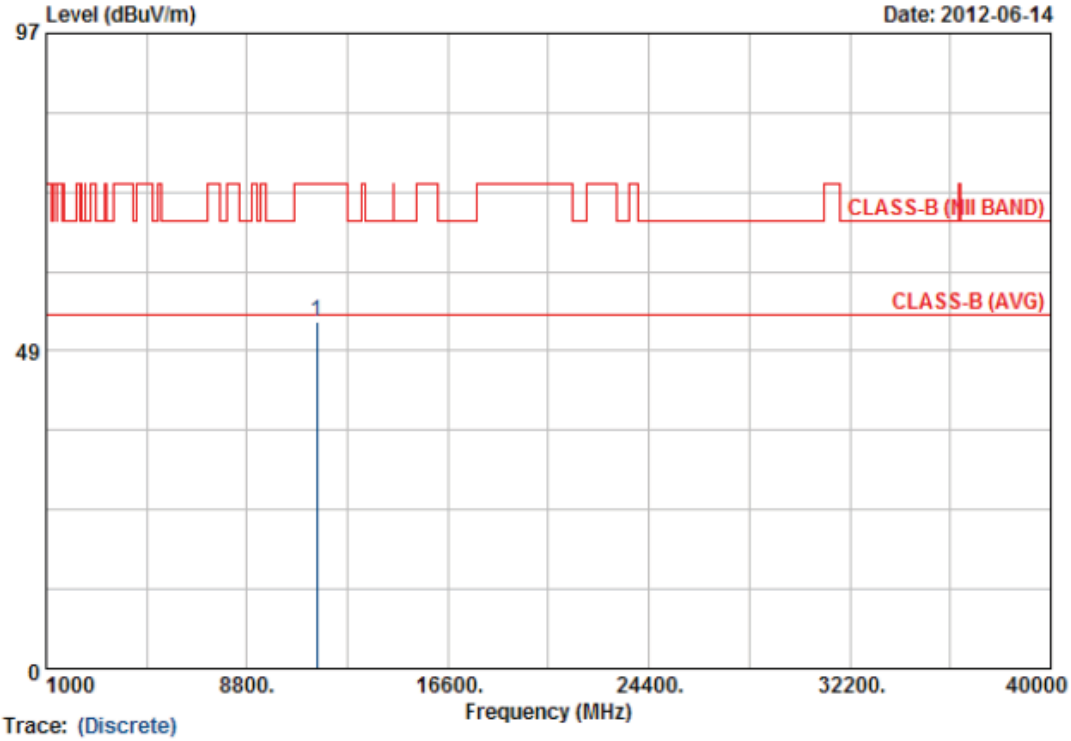
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11511.20	45.89	7.73	53.62	74.00	-20.38	Peak	100	251

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11an HT40, CH151	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



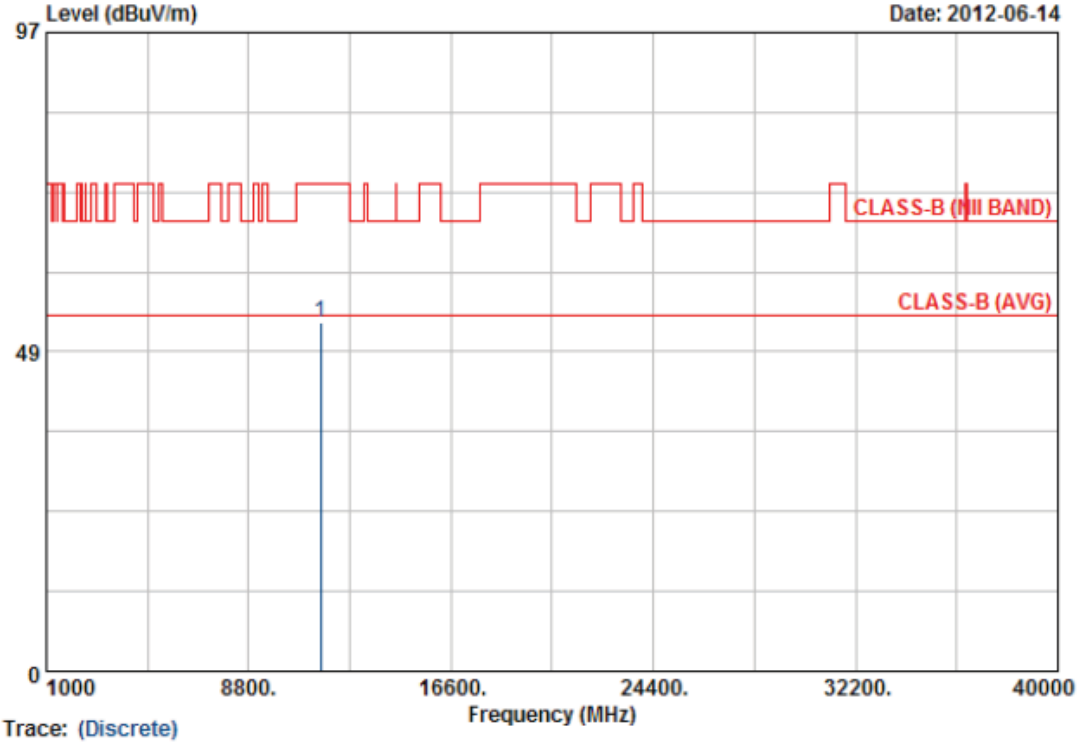
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11510.50	42.98	9.92	52.90	74.00	-21.10	Peak	100	203

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11an HT40, CH159	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



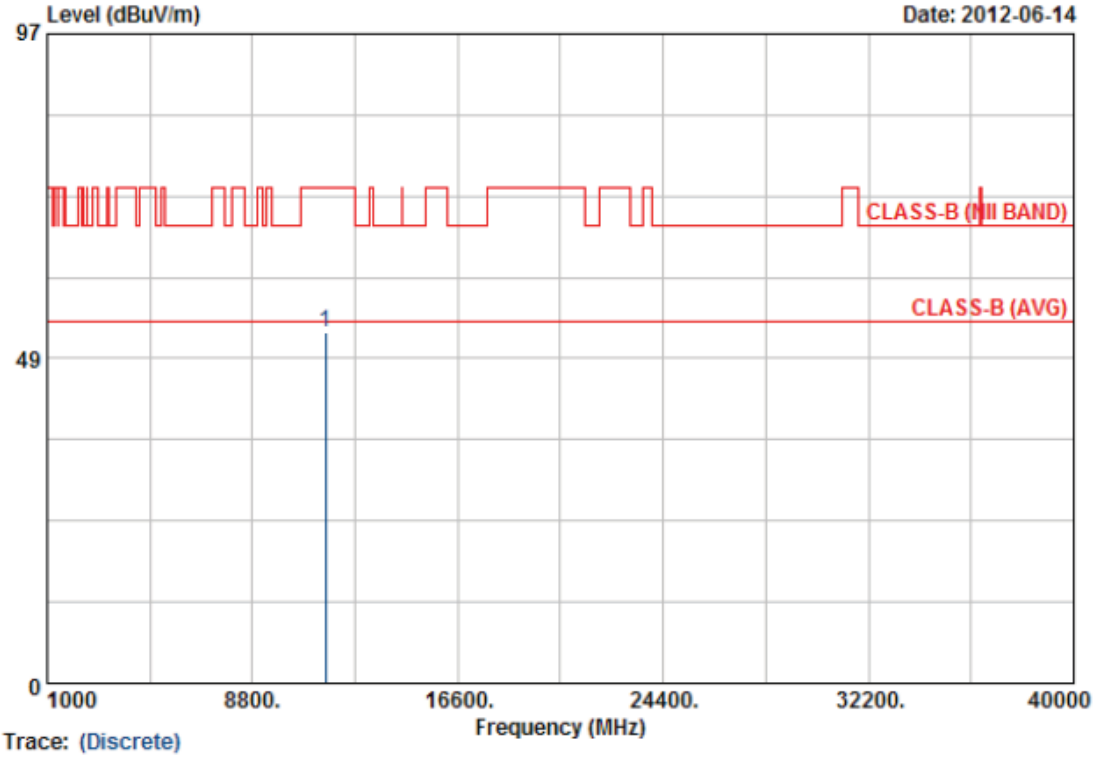
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11586.49	45.63	7.46	53.09	74.00	-20.91	Peak	100	251

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	From System	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11an HT40, CH159	Temperature	:	22 °C
Memo	:		Humidity	:	65 %



Trace: (Discrete)

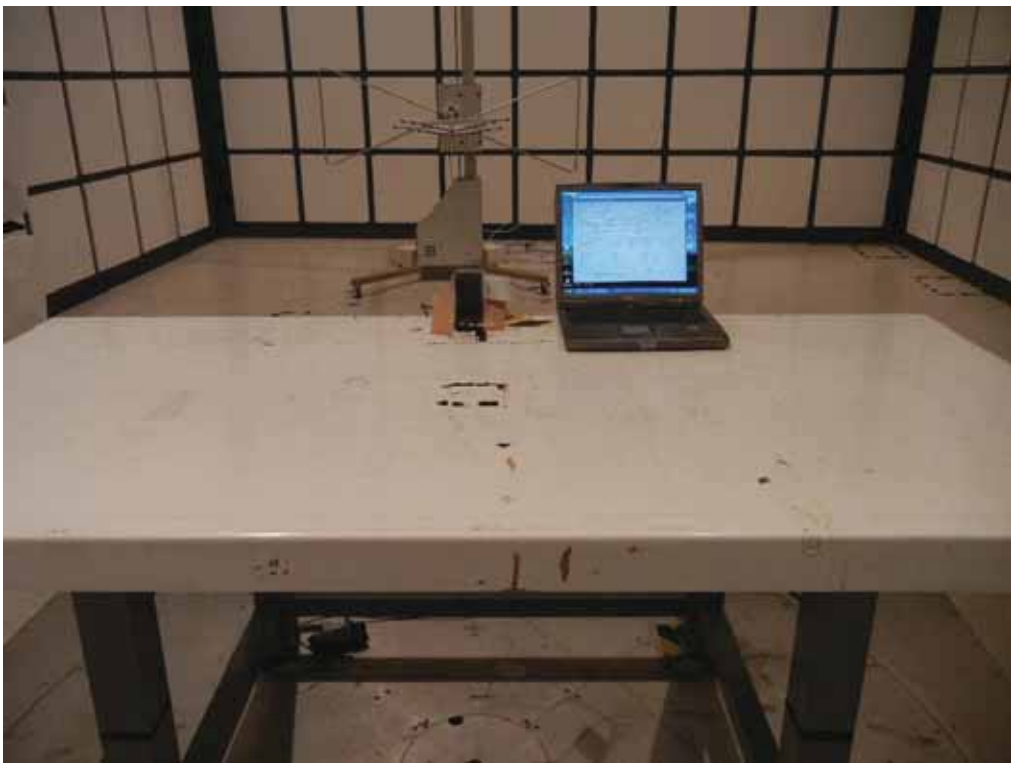
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11590.16	43.23	9.10	52.33	74.00	-21.67	Peak	100	203

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 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

5.6 Test Photographs (30MHz~1000MHz)

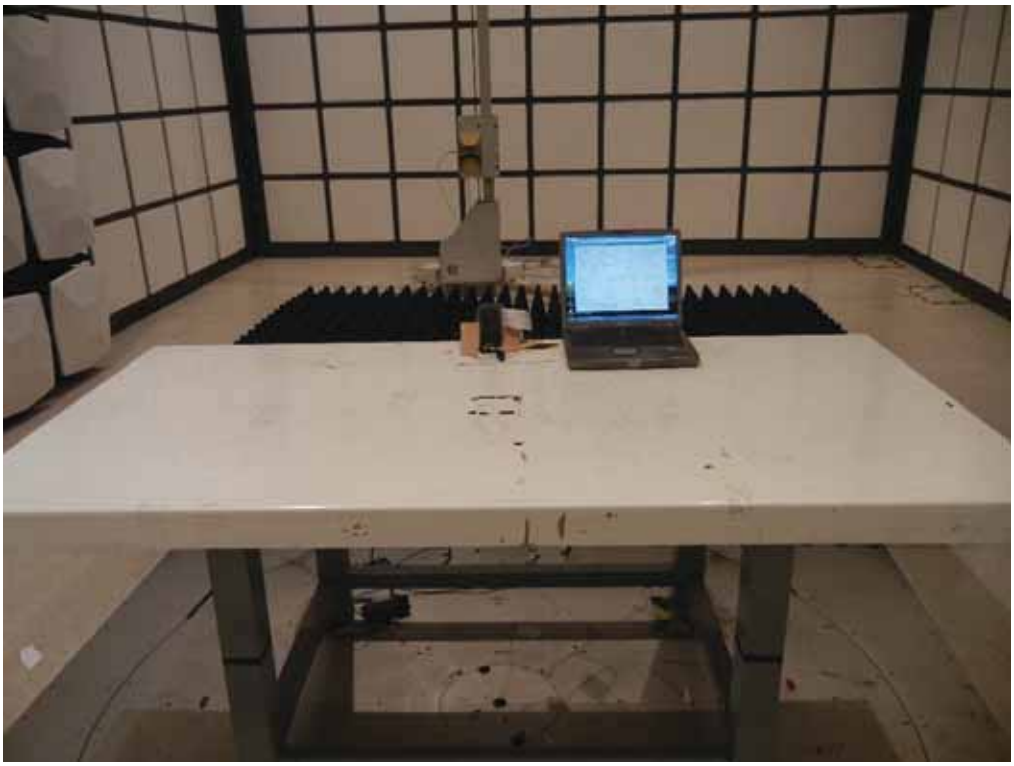
Front View



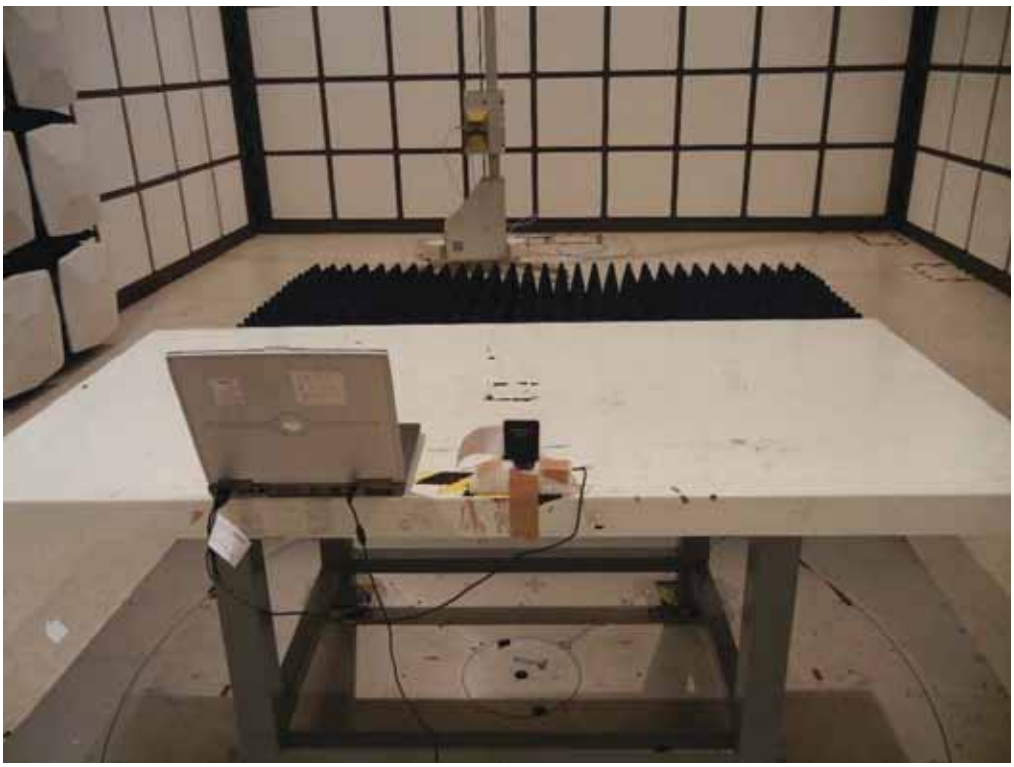
Rear View

5.7 Test Photographs (1000MHz~40000MHz)

Front View



Rear View



6. 6dB Bandwidth Measurement Data

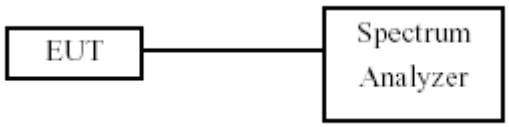
6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

6.2 Test Procedures

a. The transmitter output was connected to the spectrum analyzer.
b. Set RBW of spectrum analyzer to 1~5% of the emission bandwidth and VBW ≥ 3x RBW.
c. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.
d. The 6dB Bandwidth was measured and recorded.

6.3 Test Setup Layout



6.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100219	2011/11/24	2012/11/23

6.5 Test Result and Data

Test Date: Jun. 01, 2012 Temperature: 25℃

Atmospheric pressure: 1020 hPa Humidity: 65%

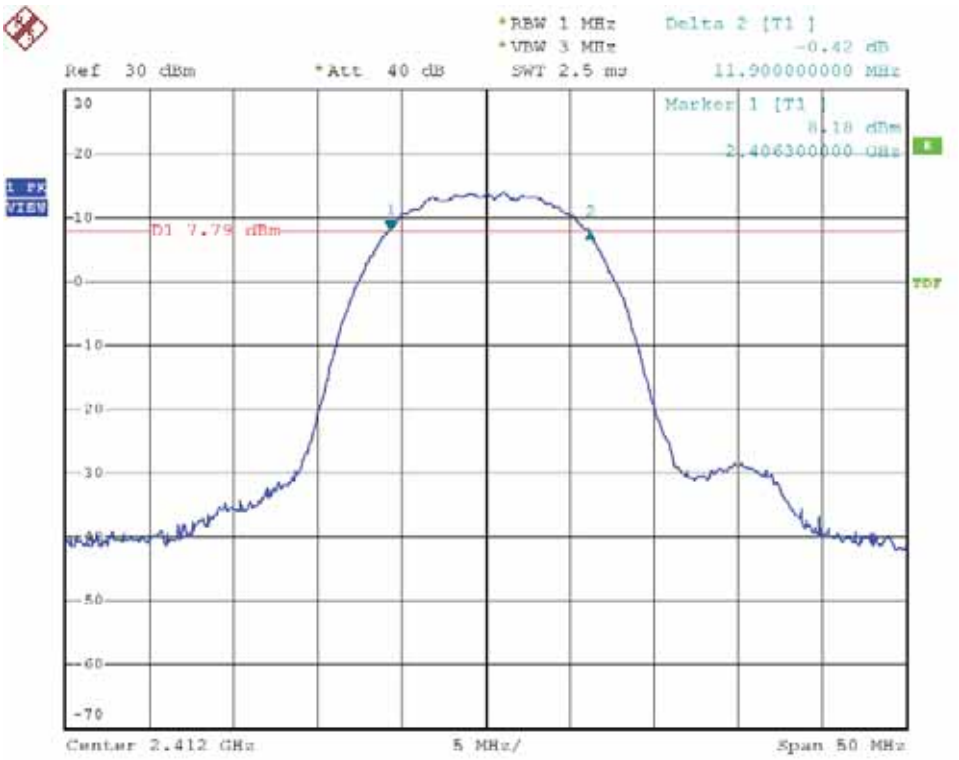
Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			ANT R	ANT L
802.11b (11Mbps)	01	2412	11.9	12.0
	06	2437	12.0	12.0
	11	2462	12.0	12.0
802.11g (54Mbps)	01	2412	16.6	16.4
	06	2437	16.3	16.4
	11	2462	16.4	16.4
802.11n HT20 (130Mbps)	01	2412	17.8	17.6
	06	2437	17.6	17.6
	11	2462	17.7	17.5
802.11n HT40 (270Mbps)	03	2422	36.0	36.0
	06	2437	36.0	35.6
	09	2452	36.0	36.0

Test Date: Jun. 05, 2012 Temperature: 25℃

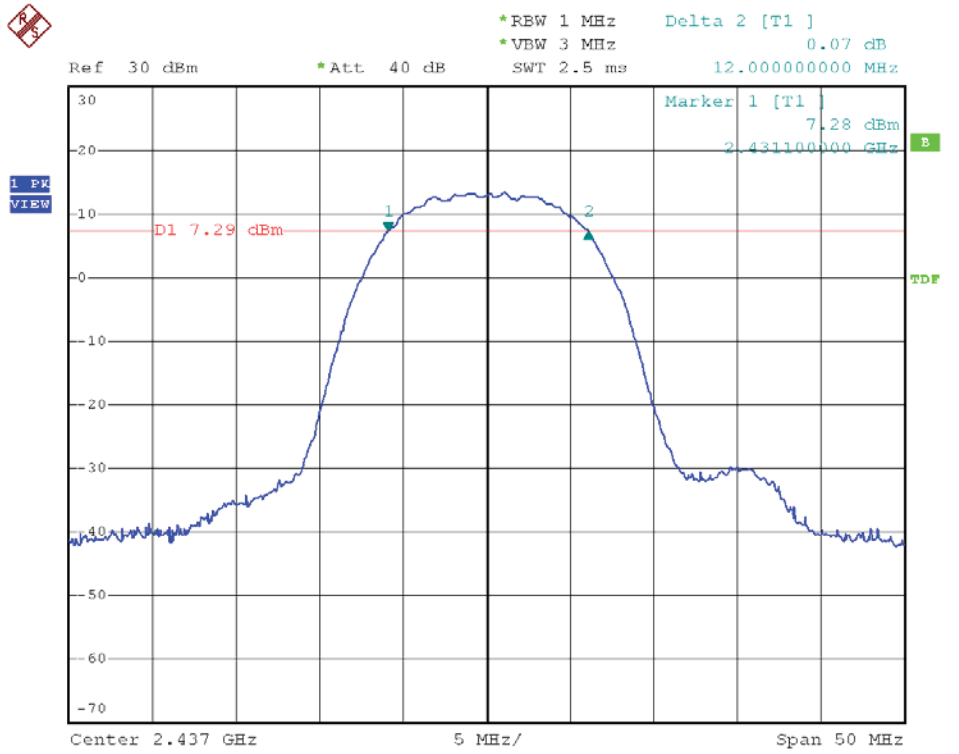
Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			ANT R	ANT L
802.11a (54Mbps)	149	5745	16.4	16.4
	157	5785	16.6	16.3
	165	5825	16.6	16.5
802.11an HT20 (130Mbps)	149	5745	17.6	17.6
	157	5785	17.5	17.5
	165	5825	17.5	17.6
802.11n HT40 (270Mbps)	151	5755	36.0	36.3
	159	5795	35.8	36.0

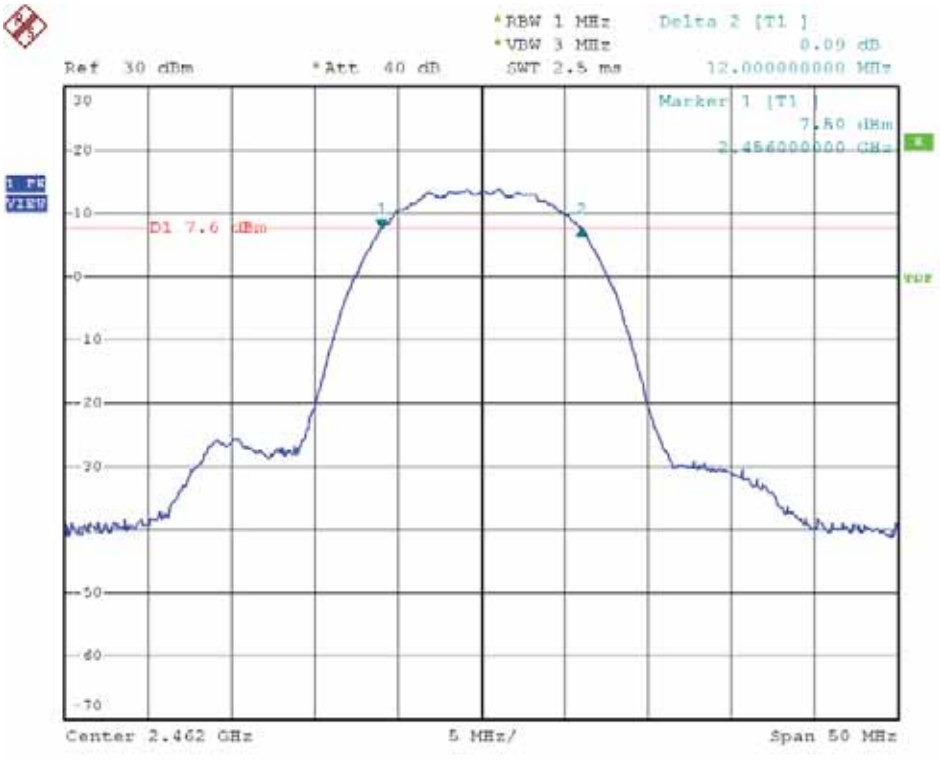
Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 01



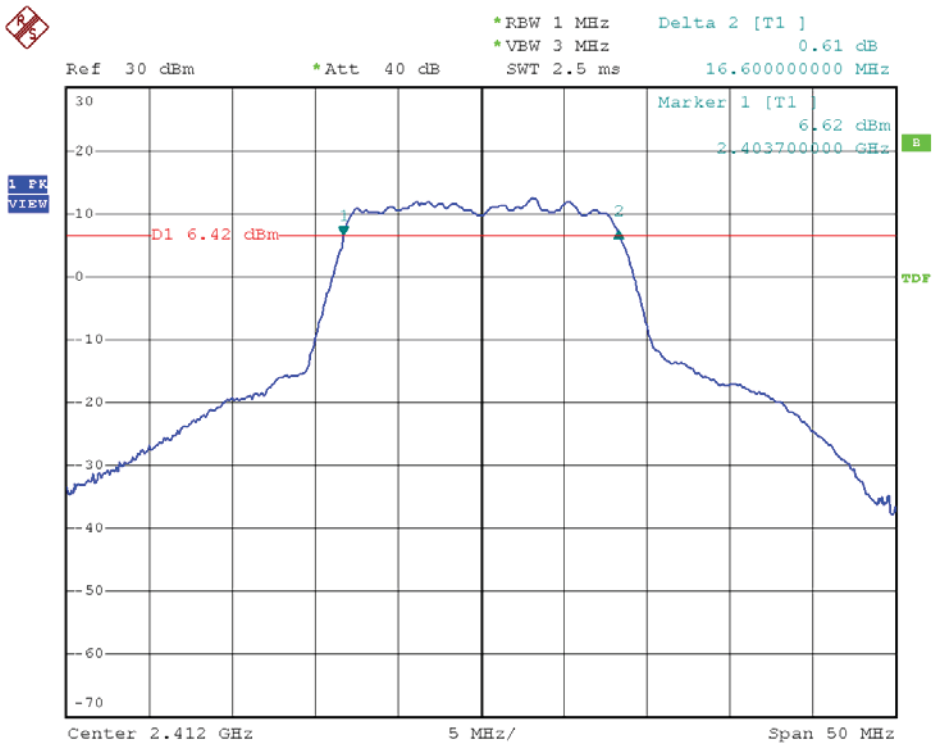
Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 06



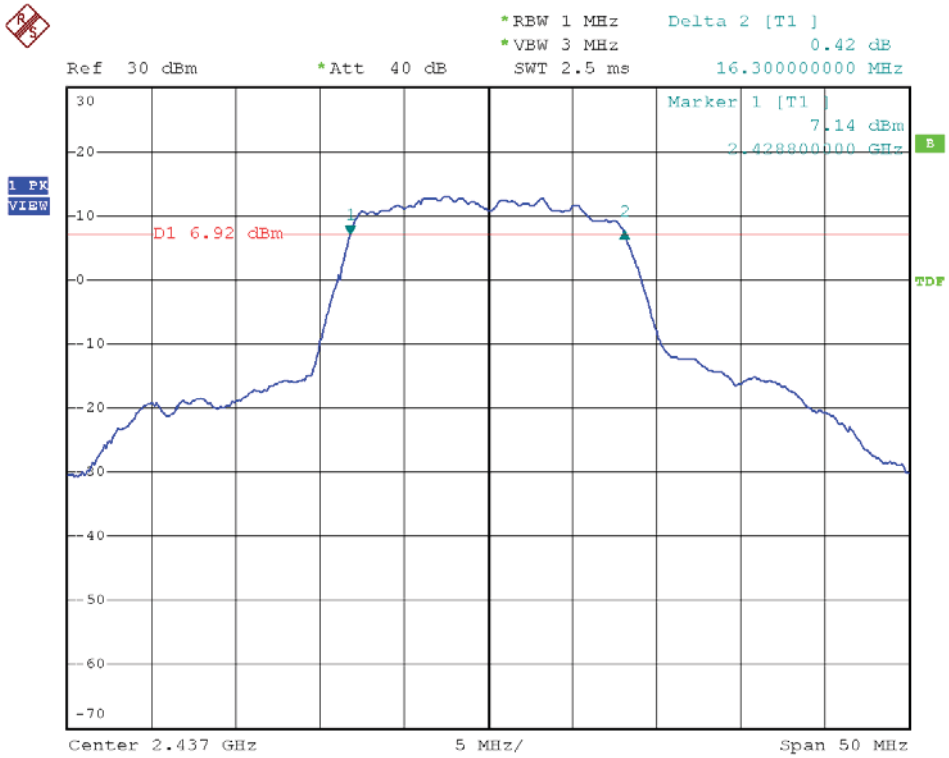
Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 11



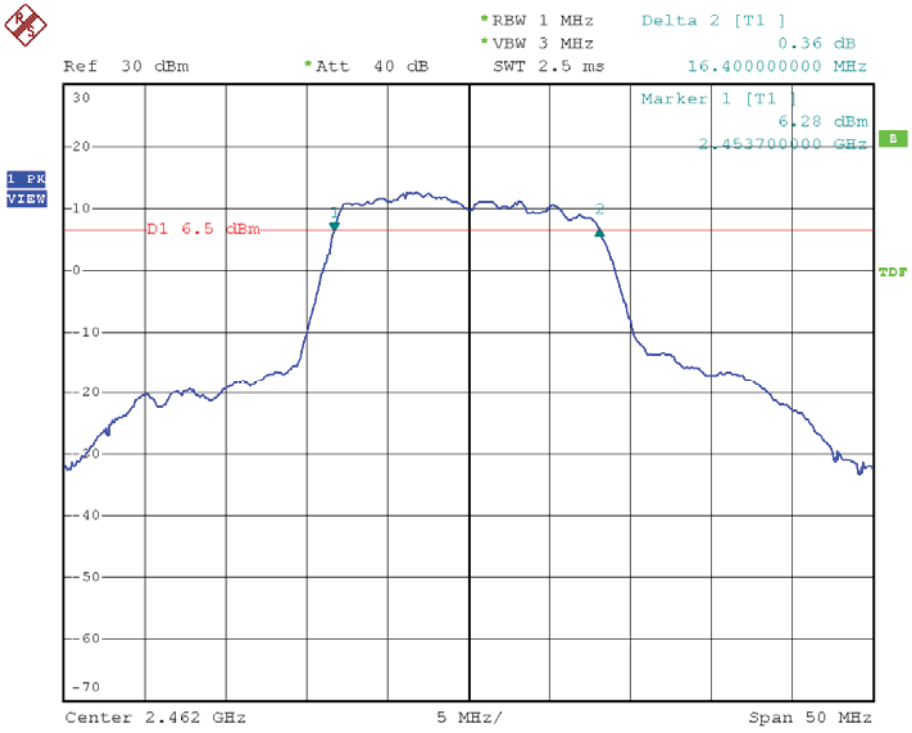
Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 01



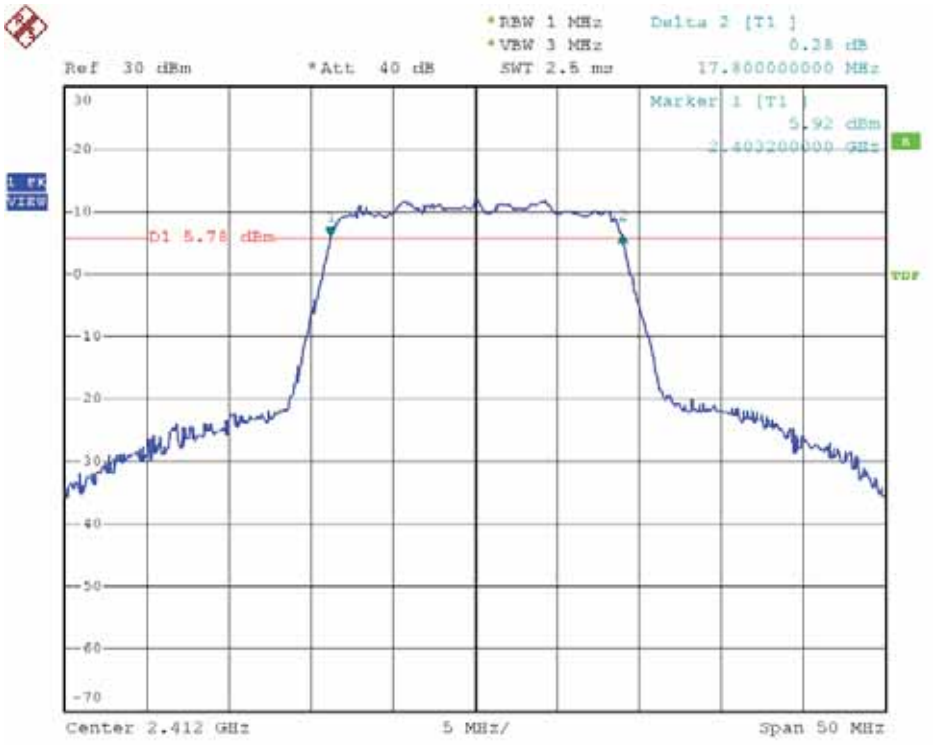
Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 06



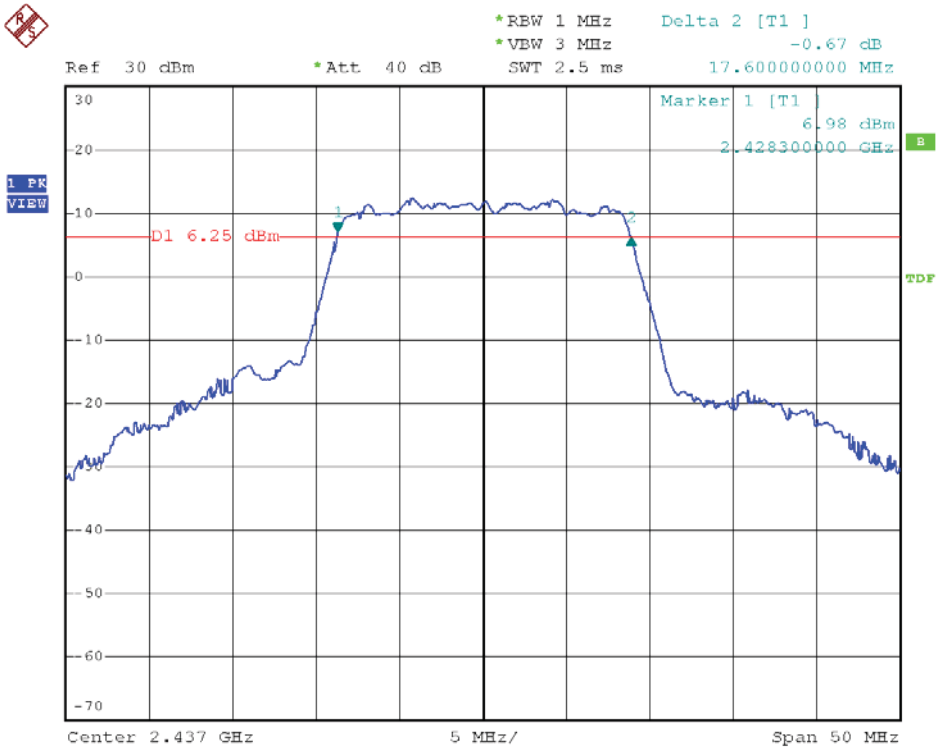
Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 11



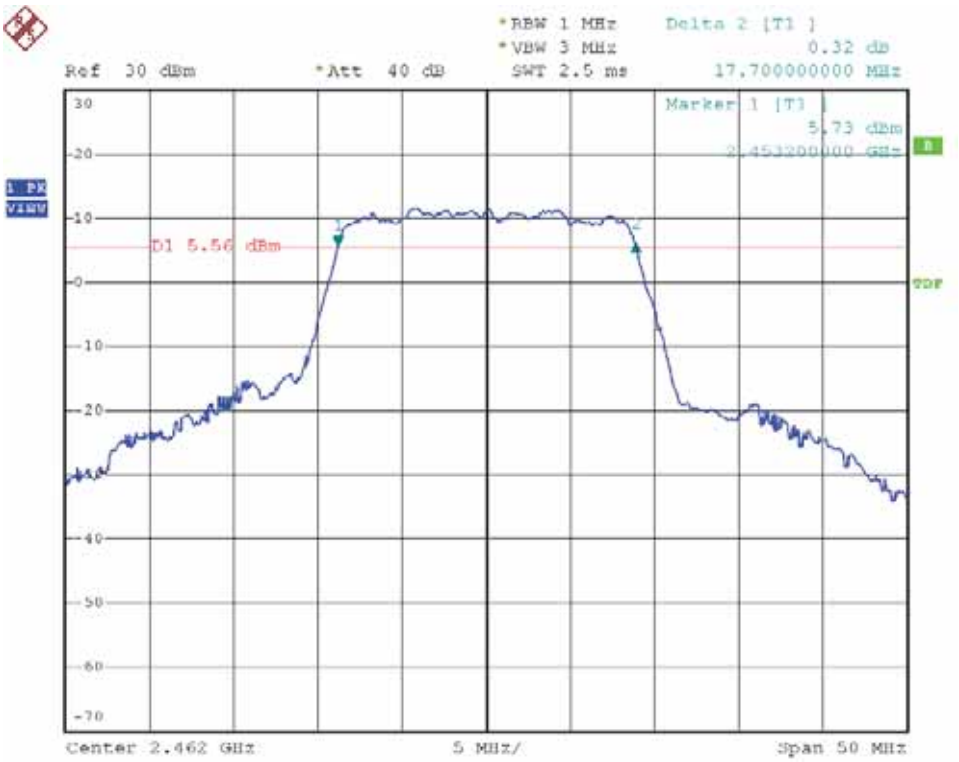
Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 01



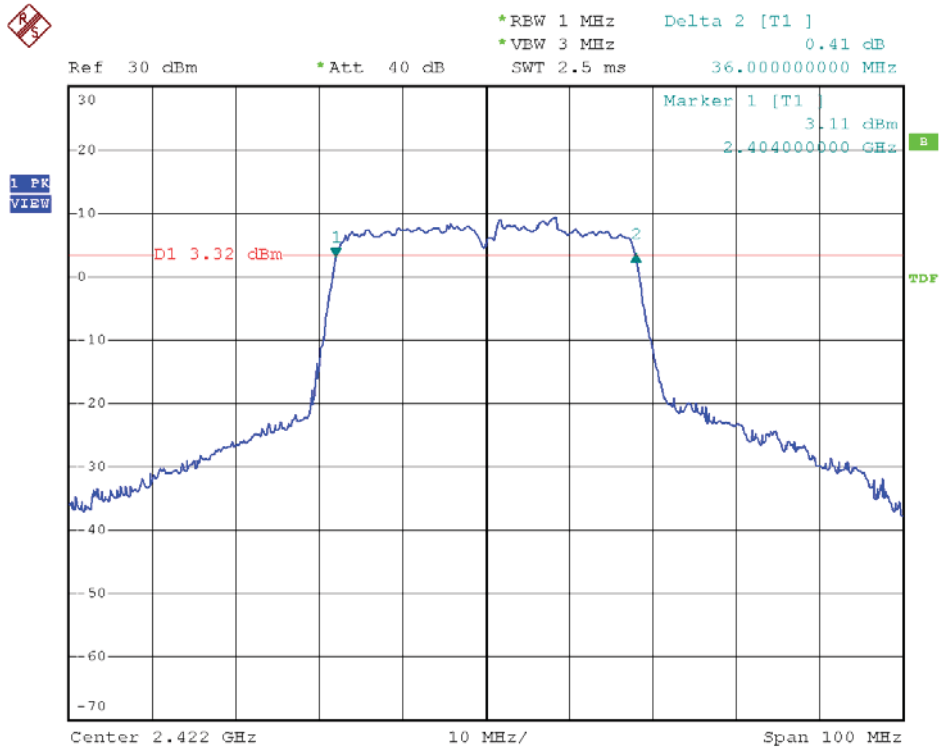
Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 06



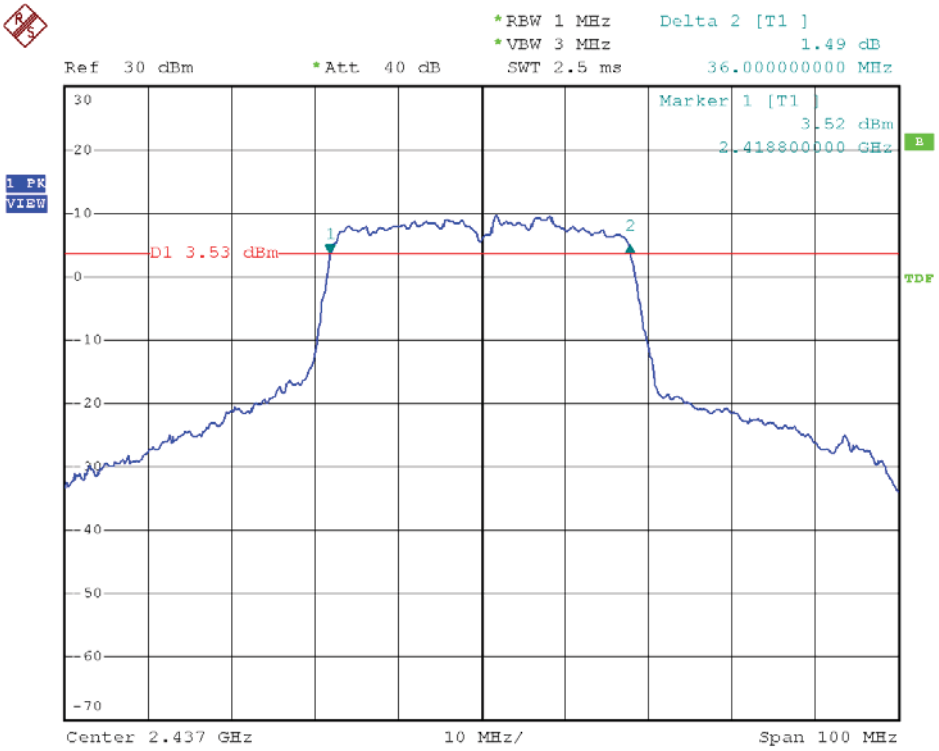
Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 11



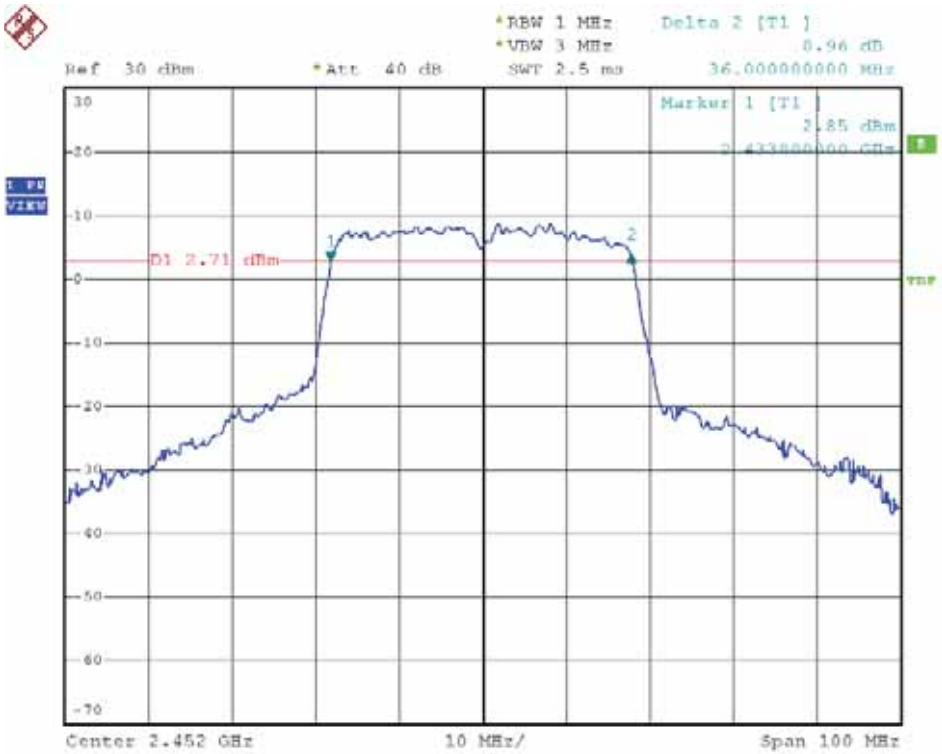
Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 03



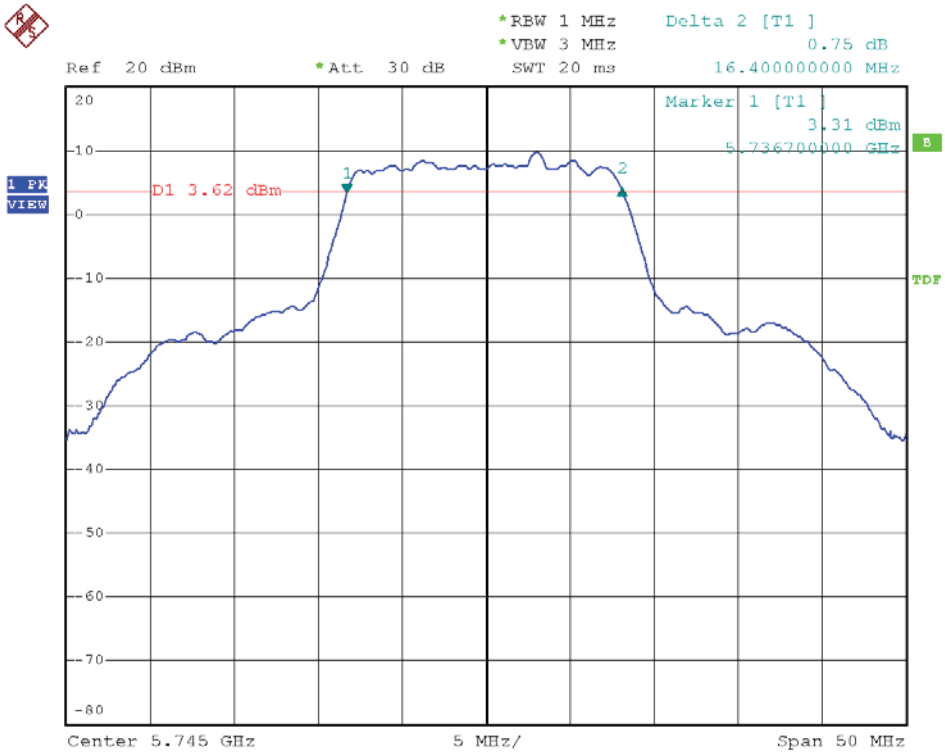
Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 06



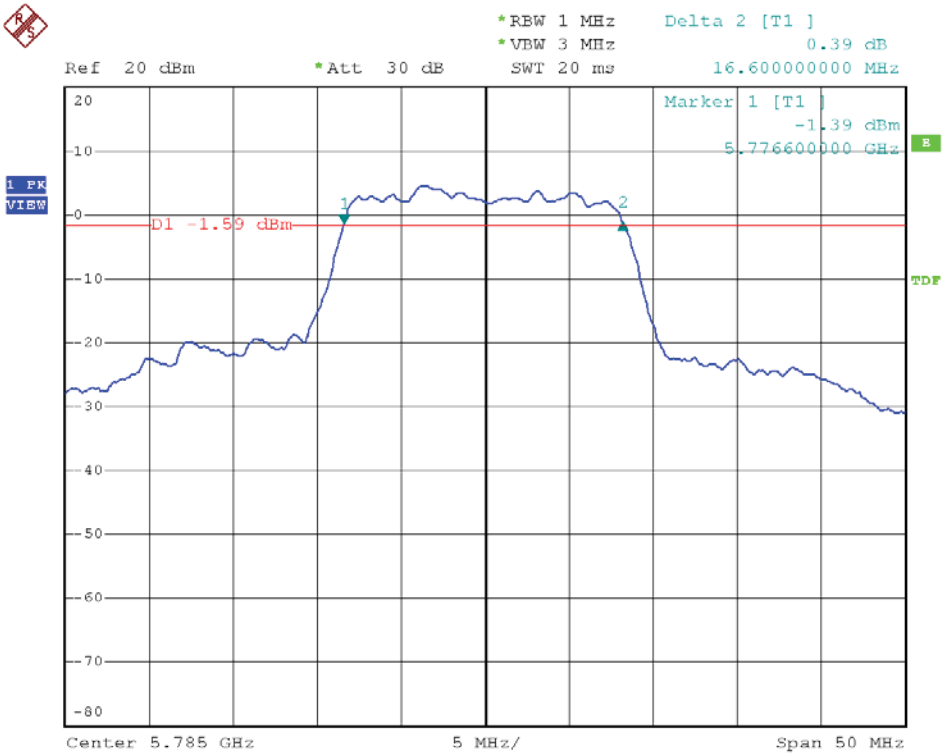
Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 09



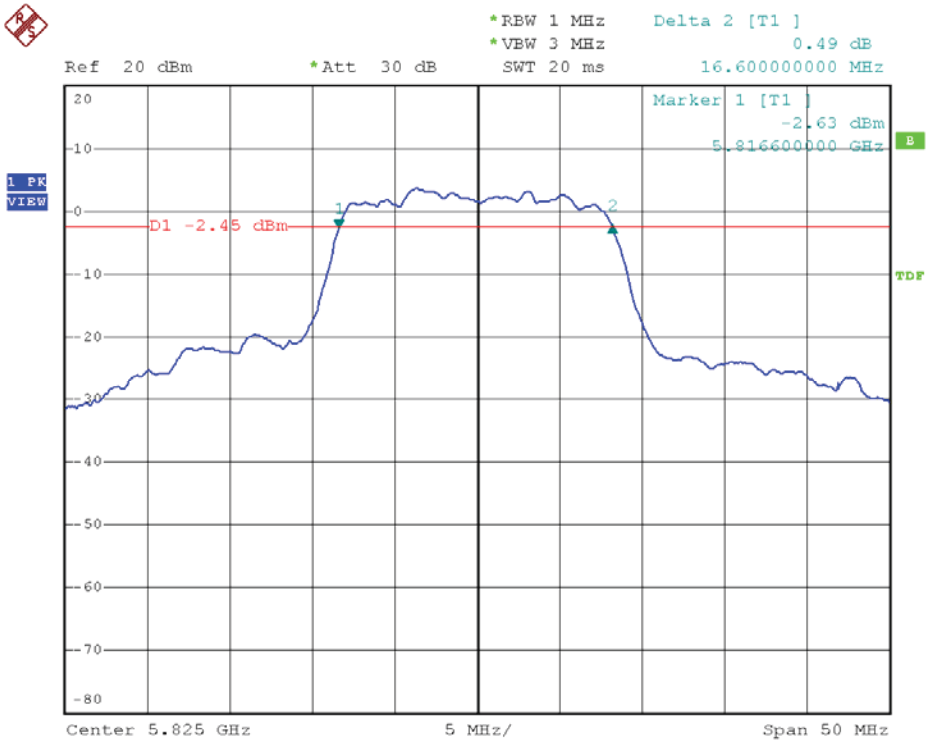
Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 149



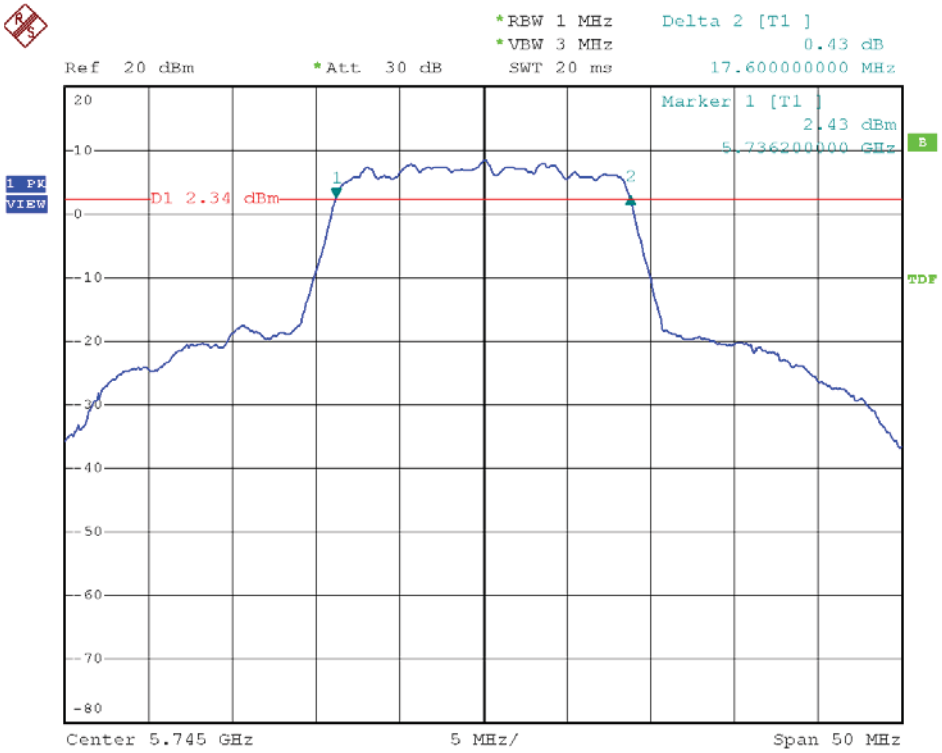
Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 157



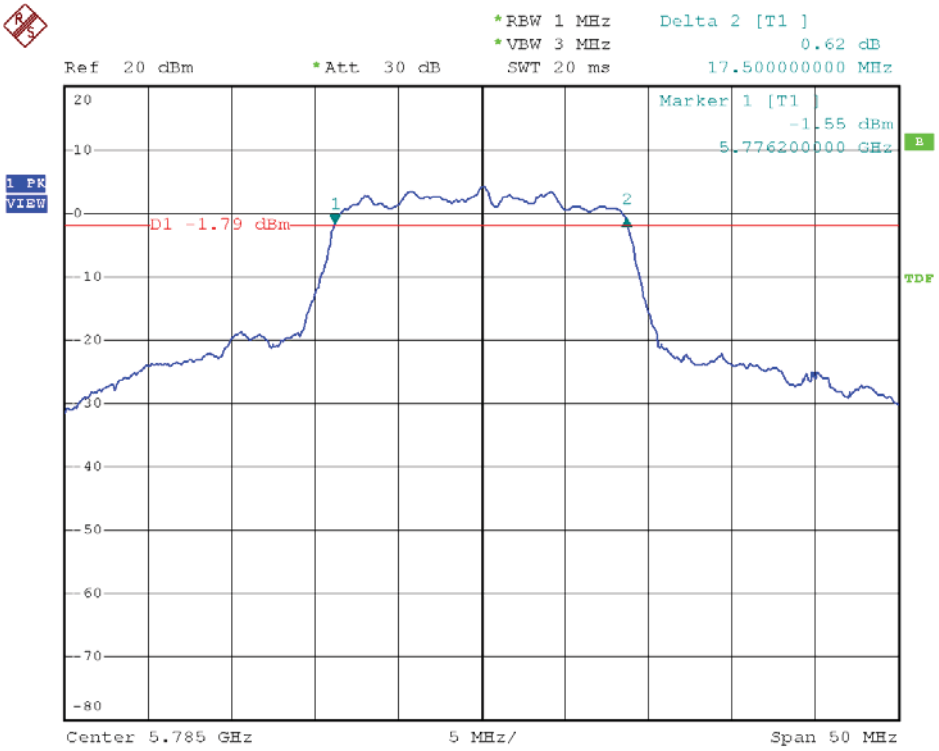
Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 165



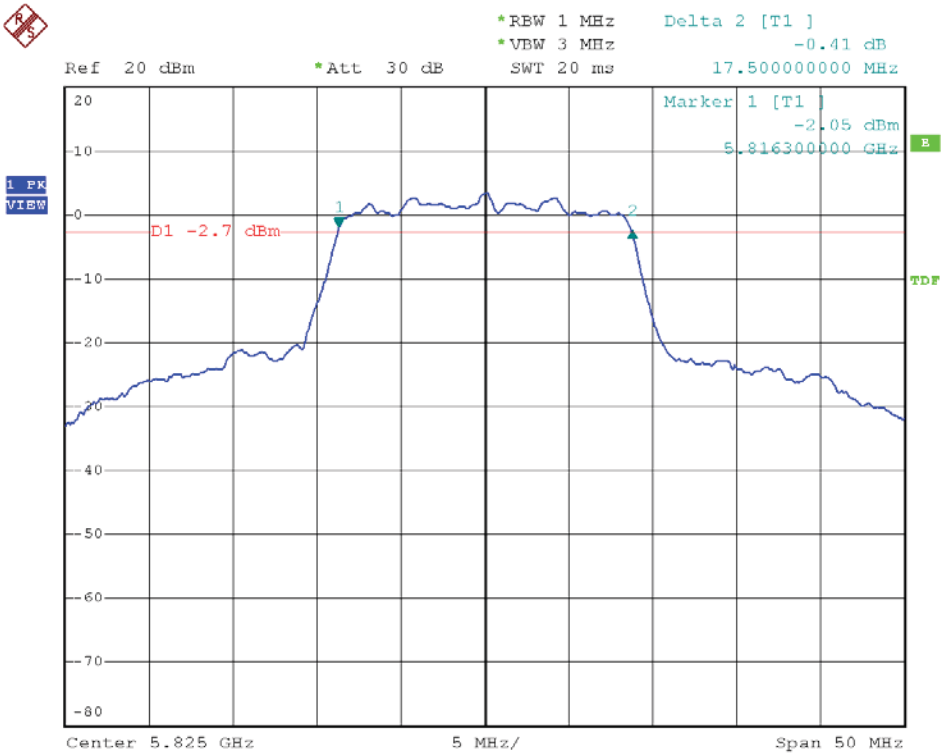
Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 149



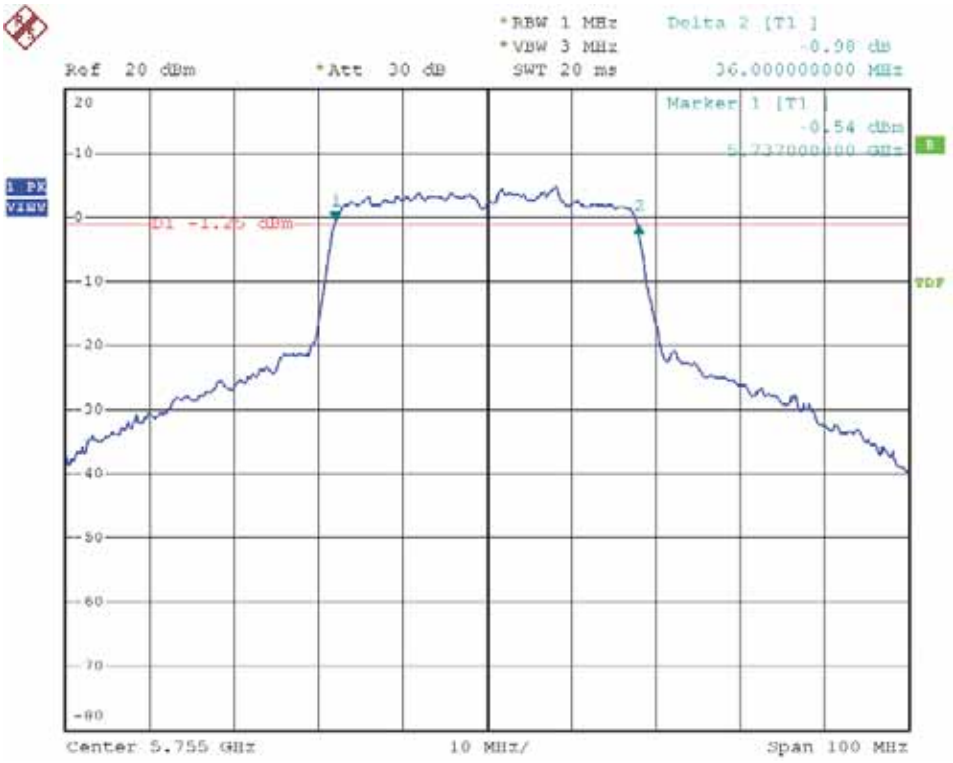
Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 157



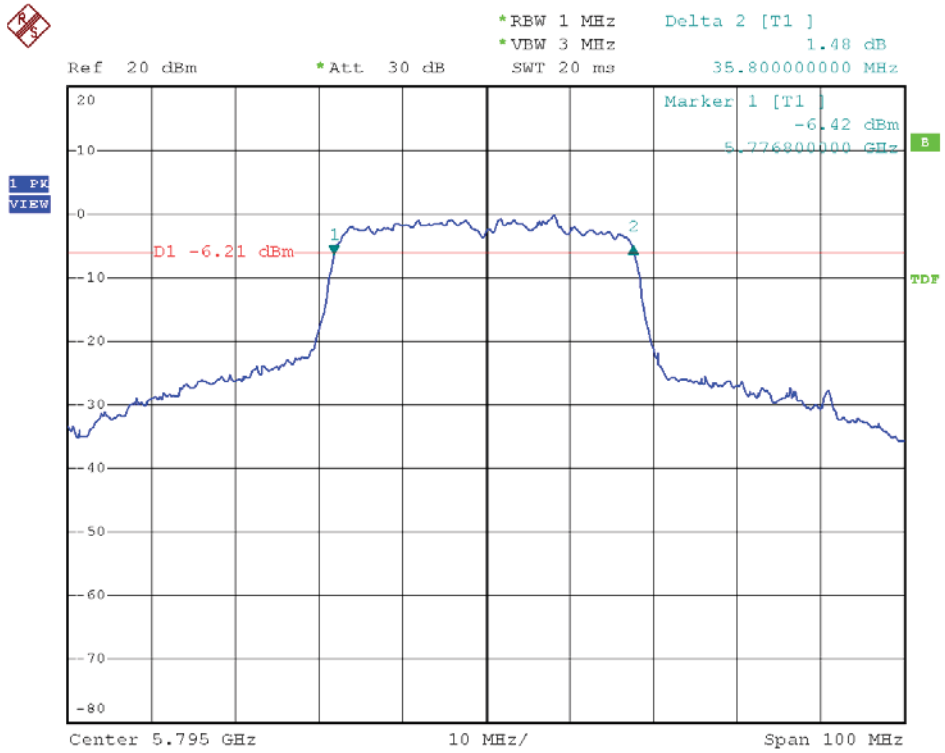
Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 165



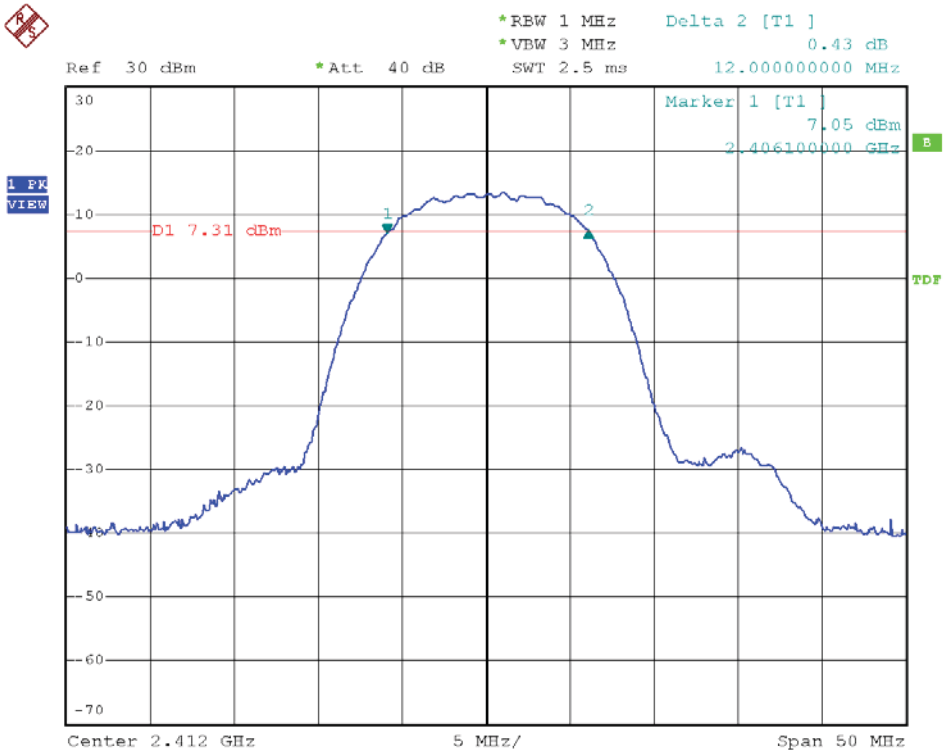
Modulation Standard: 802.11an HT40 (270Mbps), ANT R
Channel: 151



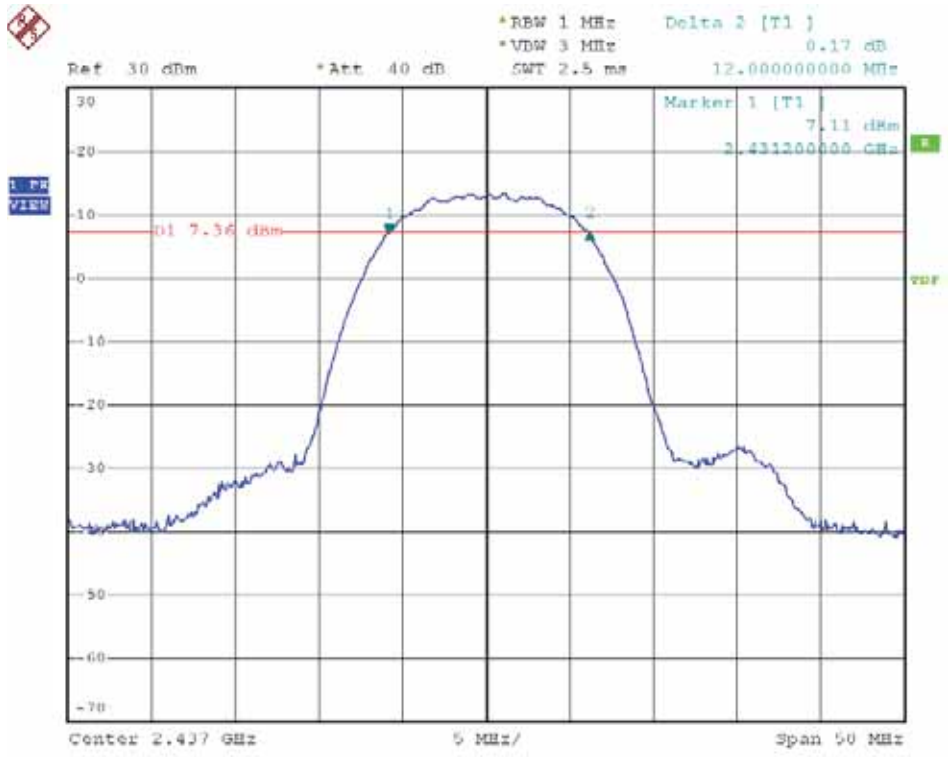
Modulation Standard: 802.11an HT40 (270Mbps), ANT R
Channel: 159



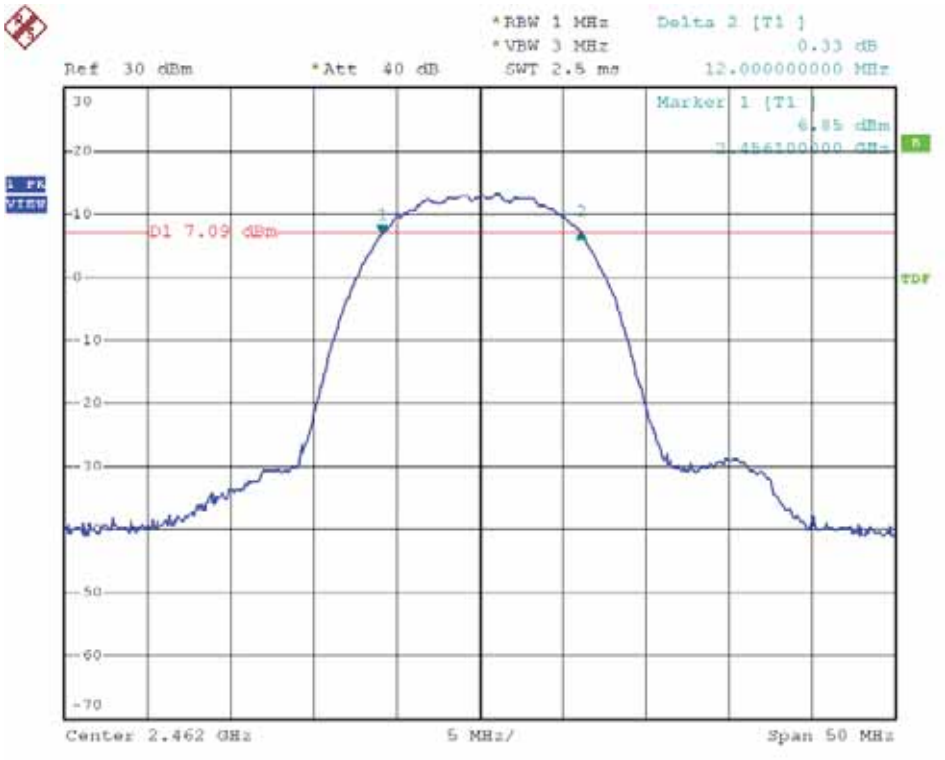
Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 01



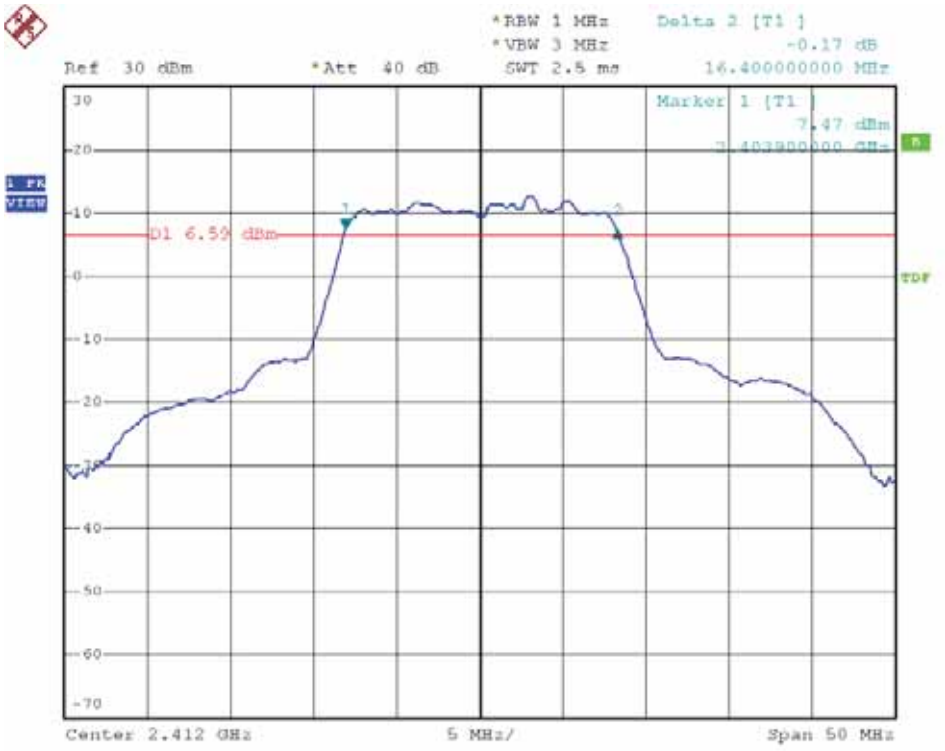
Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 06



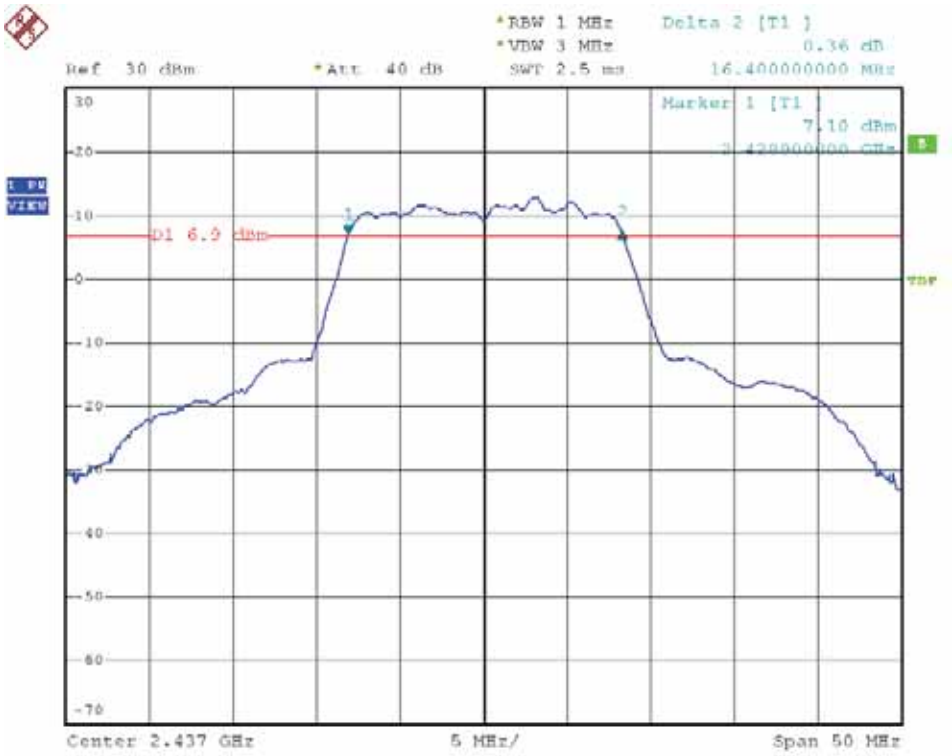
Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 11



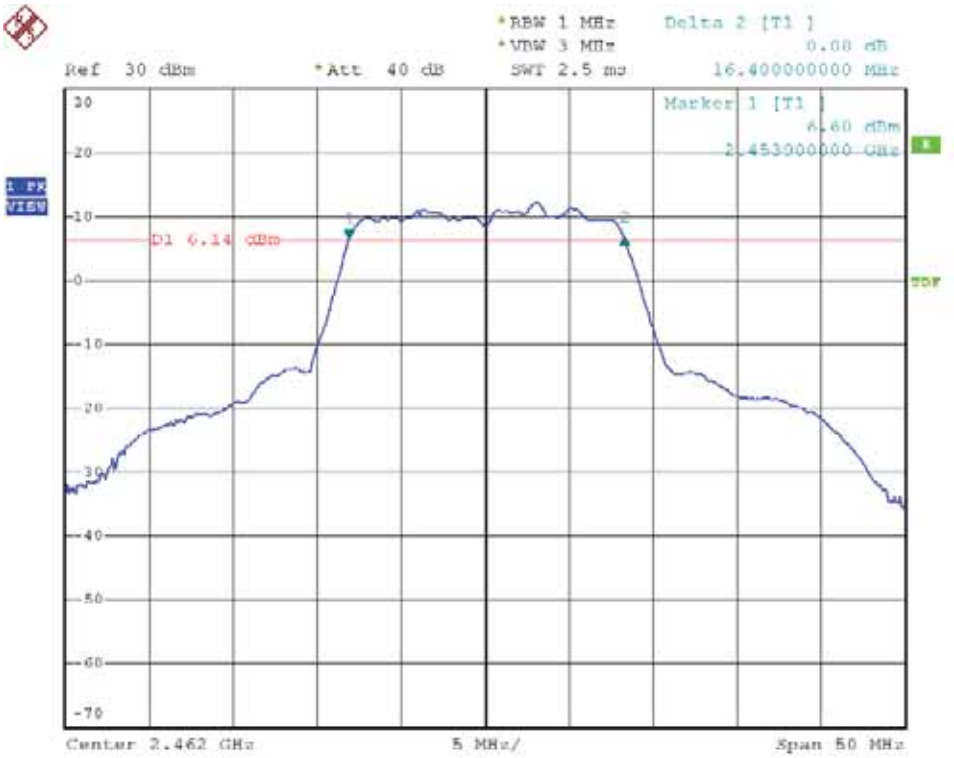
Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 01



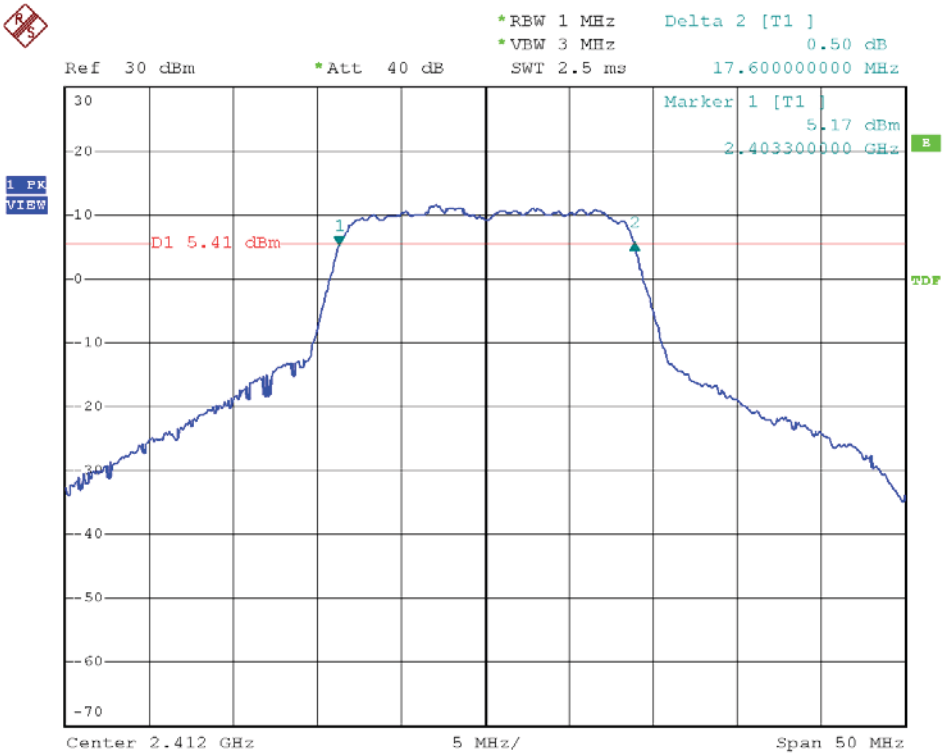
Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 06



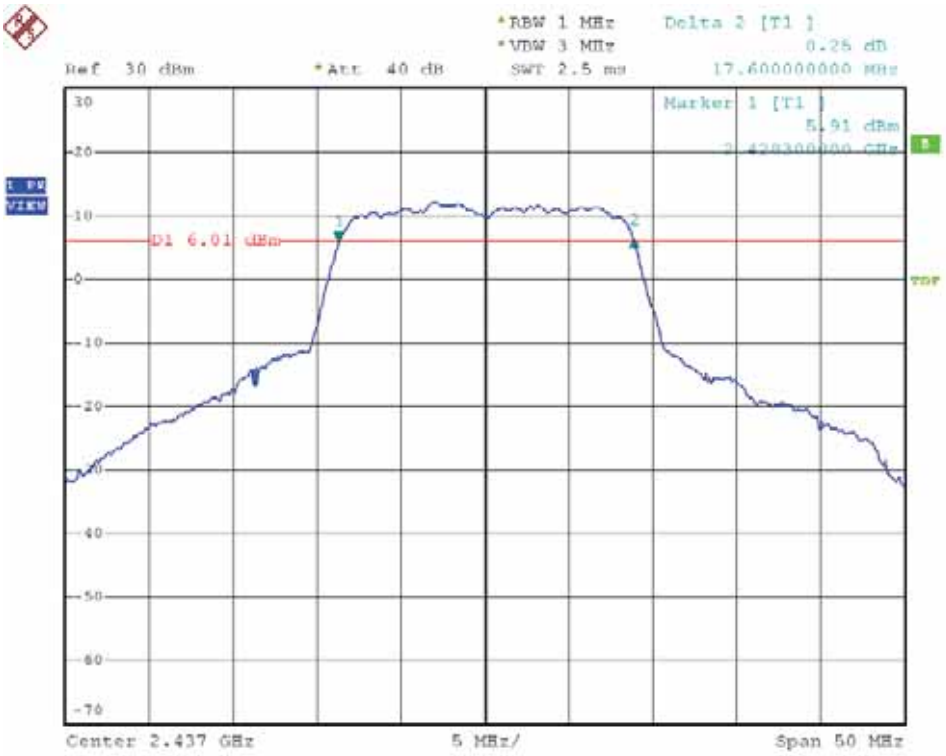
Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 11



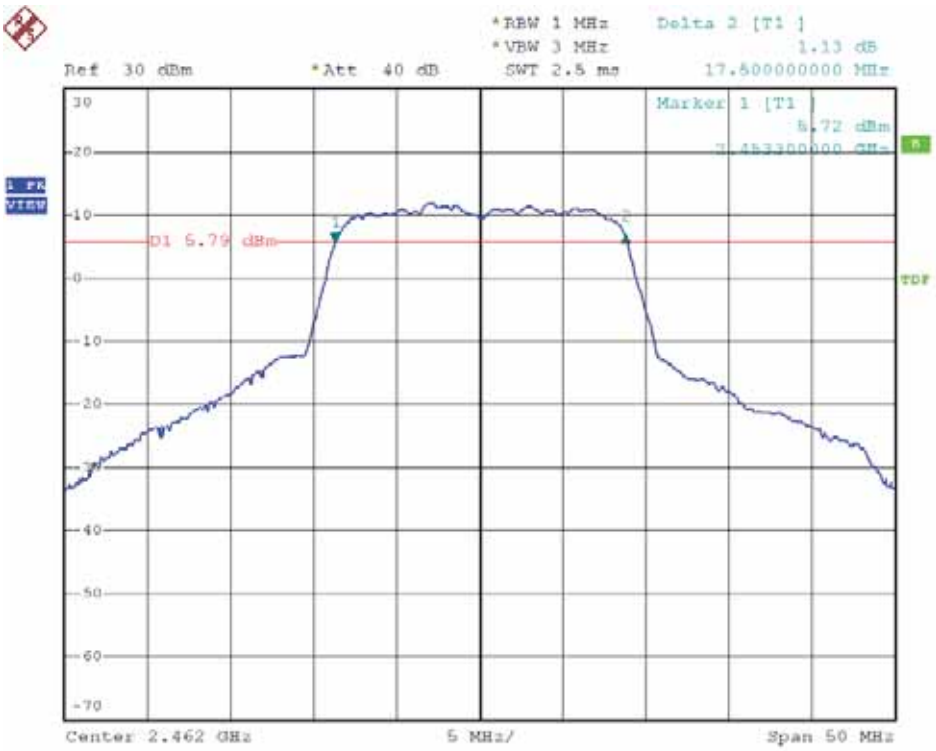
Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 01



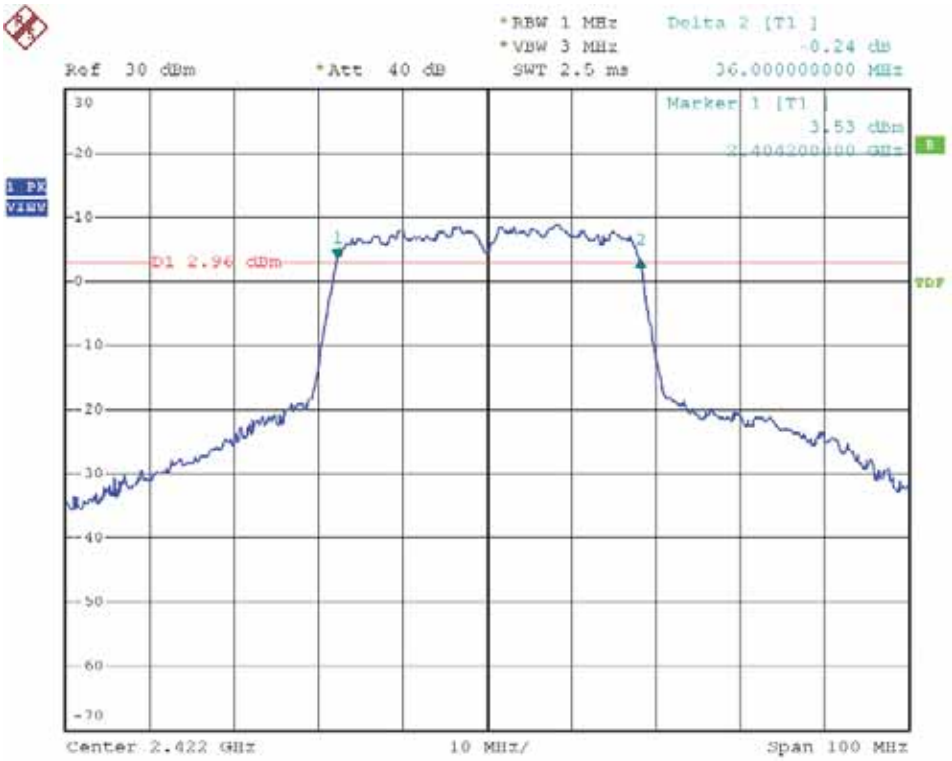
Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 06



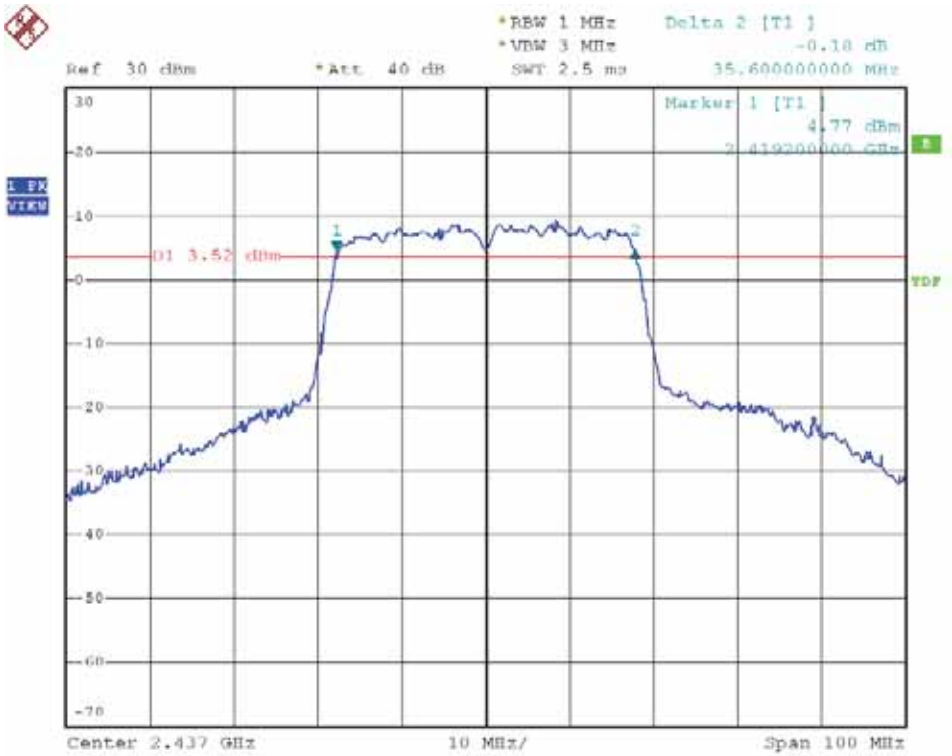
Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 11



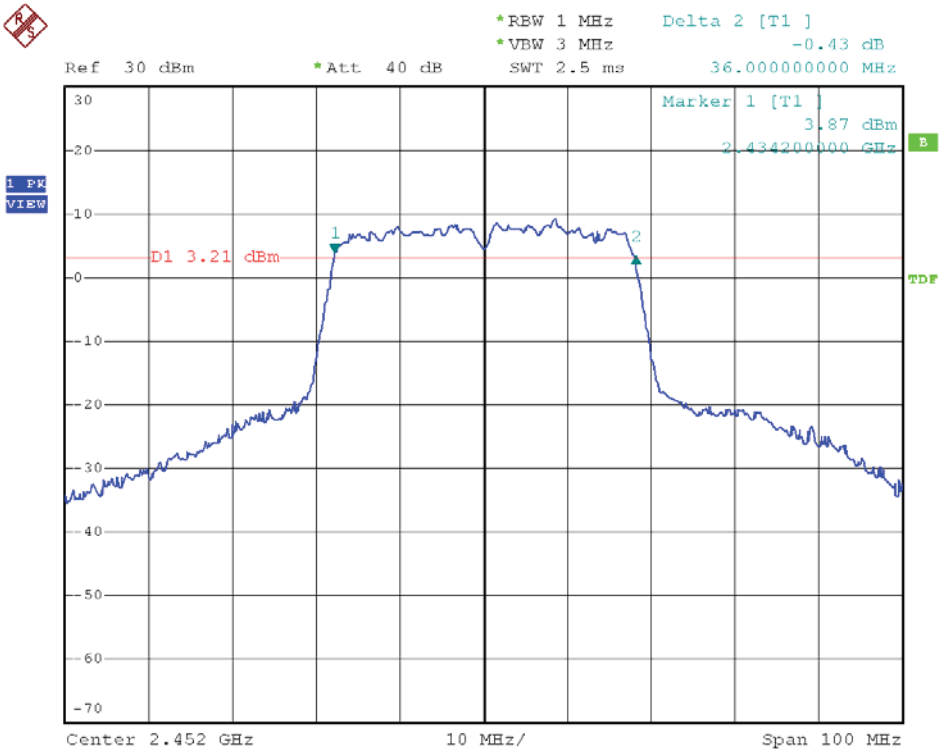
Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 03



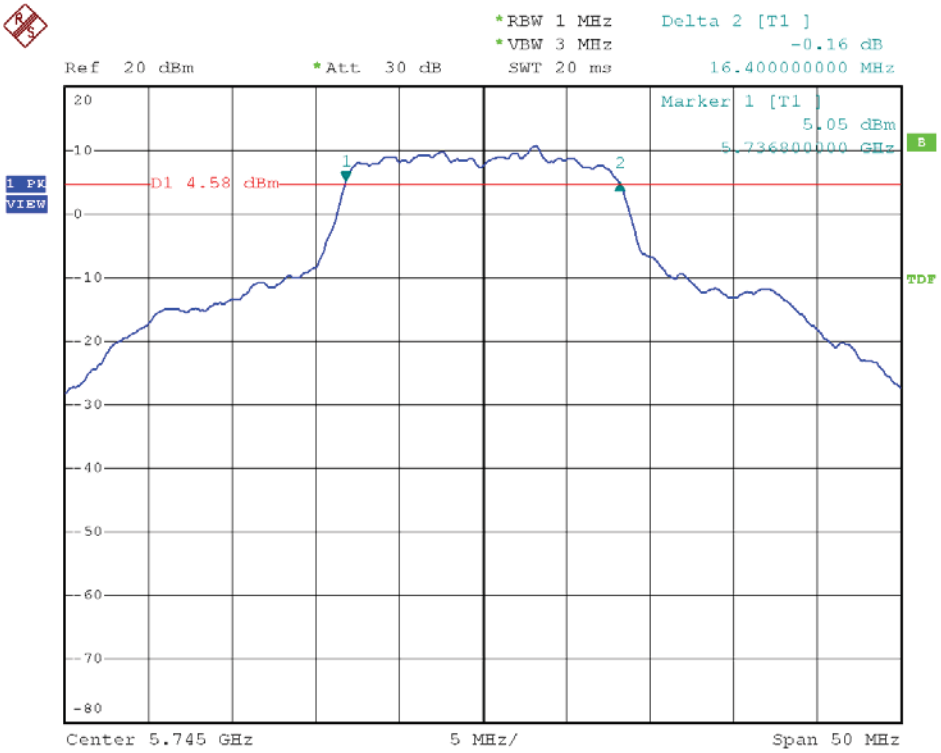
Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 06



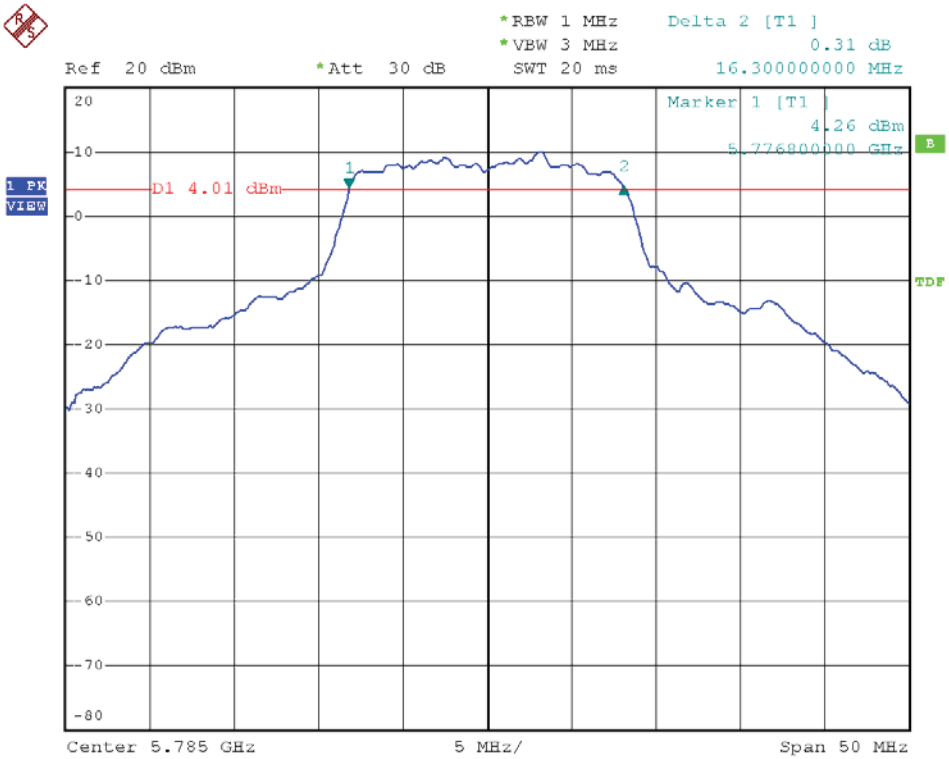
Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 09



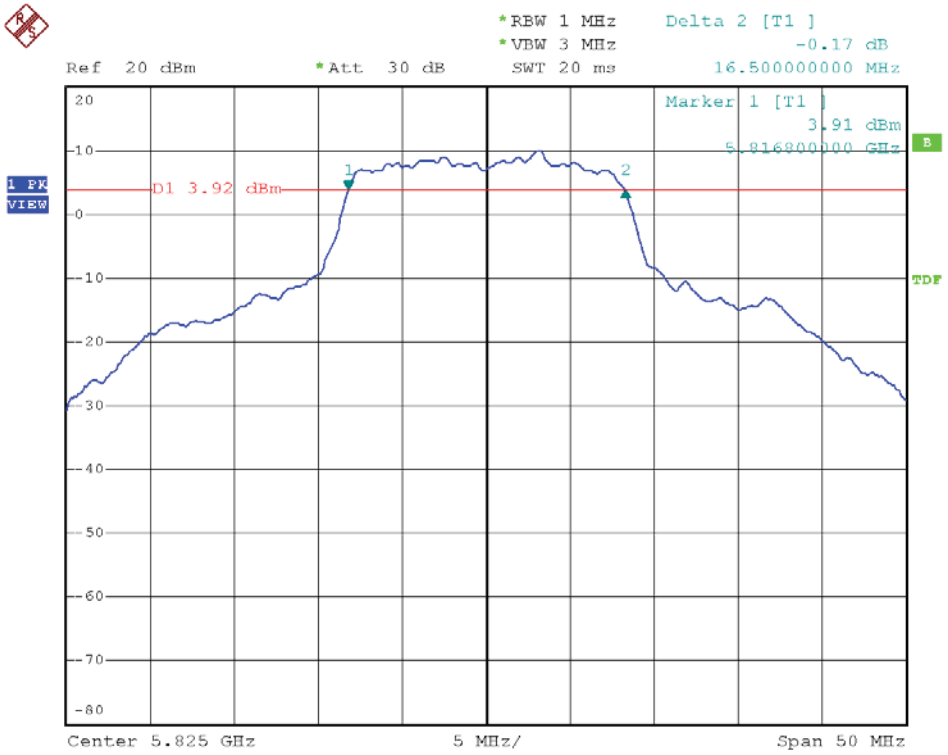
Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 149



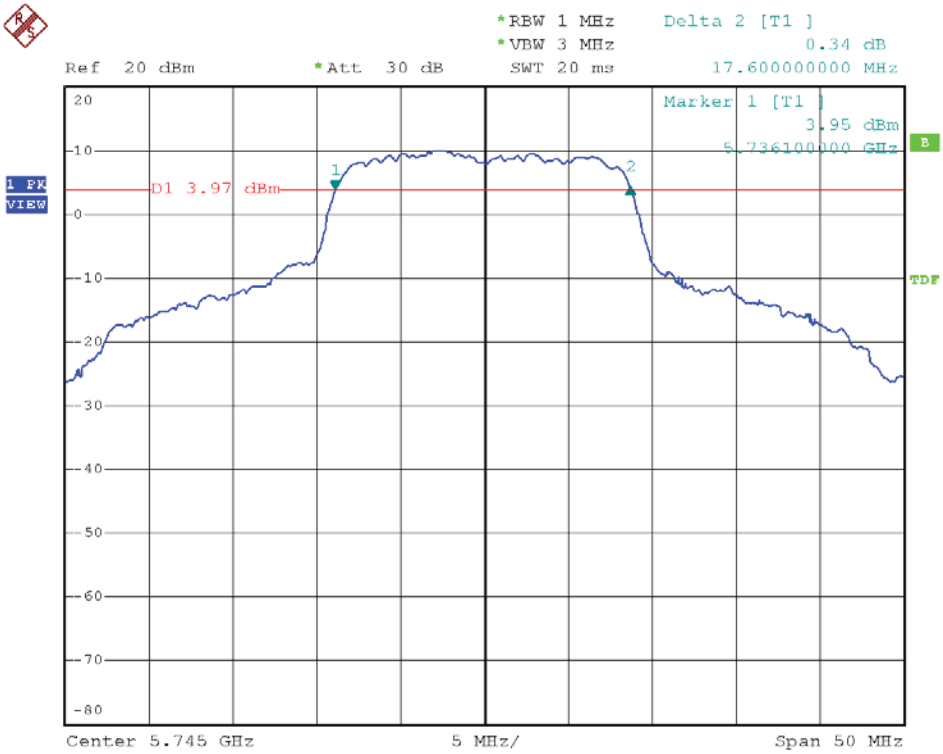
Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 157



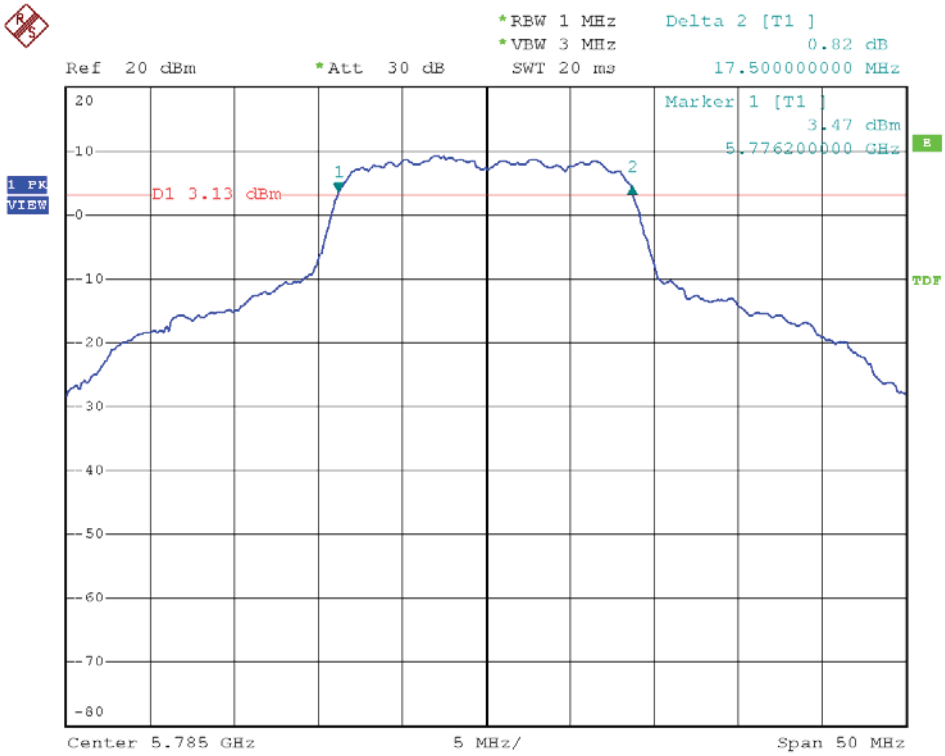
Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 165



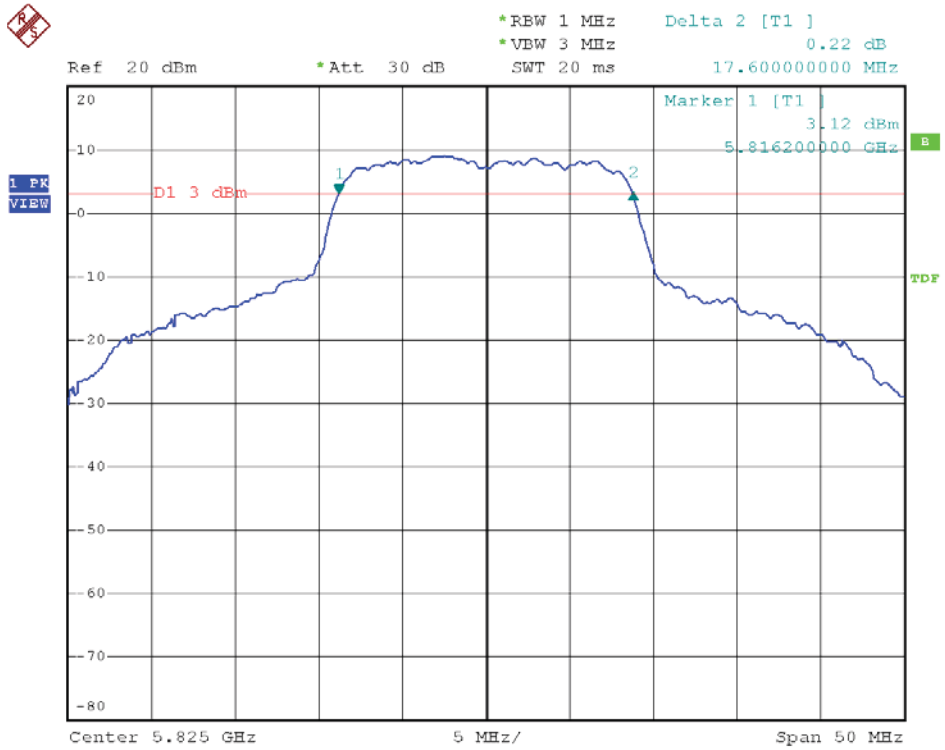
Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 149



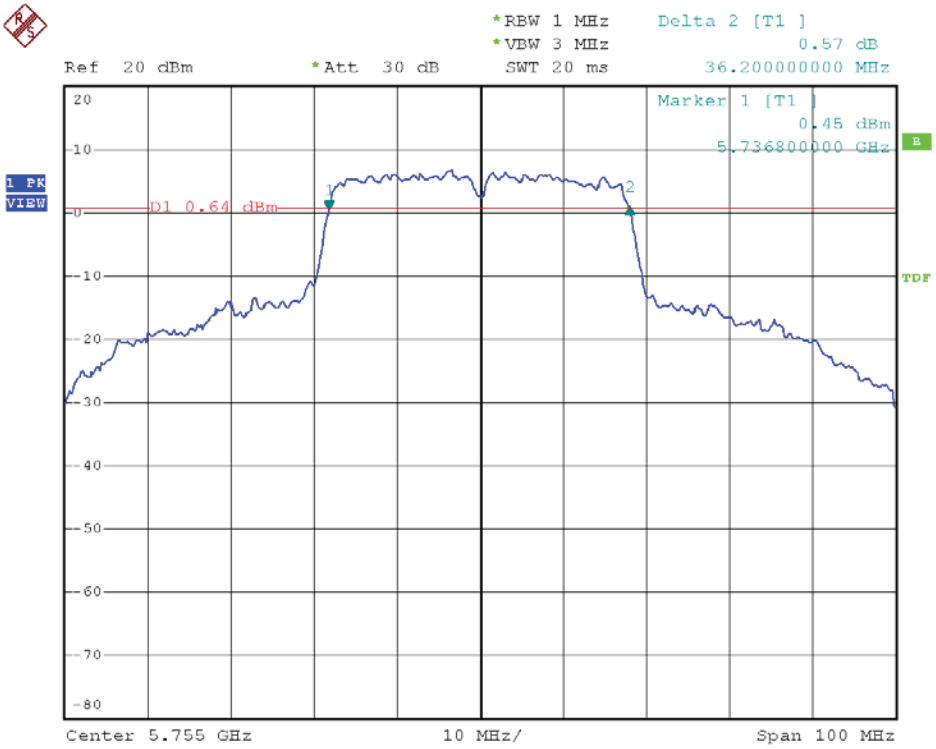
Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 157



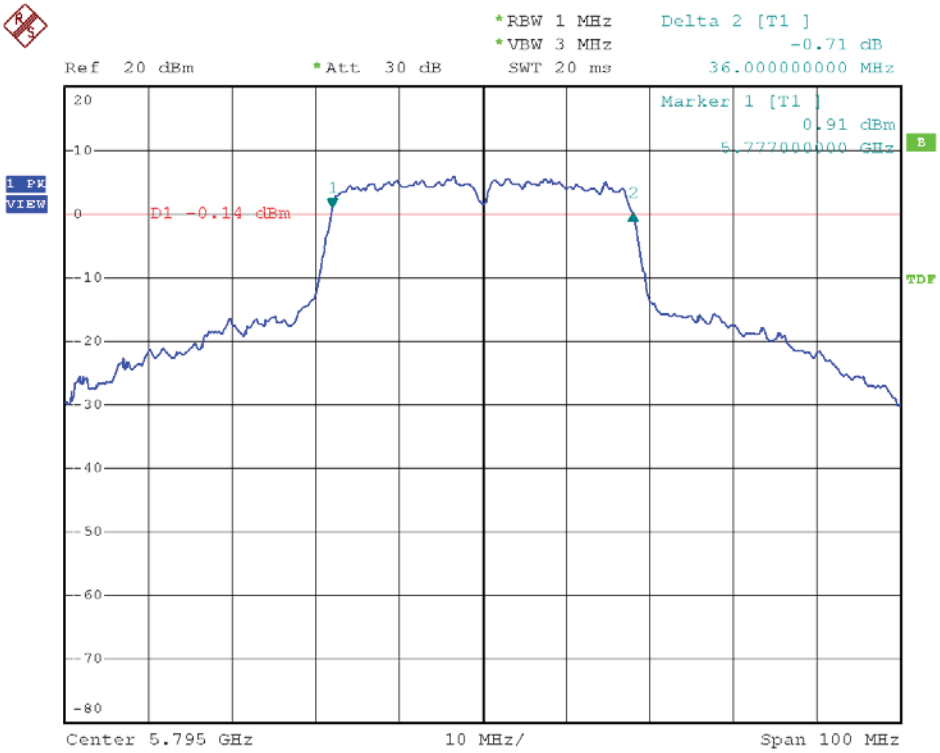
Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 165



Modulation Standard: 802.11an HT40 (270Mbps), ANT L
Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT L
Channel: 159



7. Maximum Peak and Average Output Power

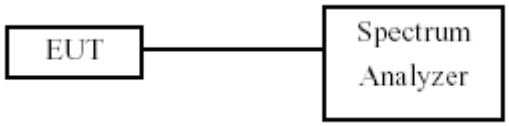
7.1 Test Limit

The Maximum Peak Output Power Measurement is 28.99dBm(2.4GHz) and 26.99dBm(5GHz).

7.2 Test Procedures

a. The transmitter output was connected to the spectrum analyzer.
b. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz.
c. Set detector mode to peak (for peak output power) or set detector mode to RMS (for average output power).
d. Use the spectrum analyzer's integrated band power measurement function with band limits set equal to the EBW band edges.
e. The maximum peak and average output power was measured and recorded.

7.3 Test Setup Layout



7.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100219	2011/11/24	2012/11/23

7.5 Test Result and Data

Test Date: Jun. 01, 2012 Temperature: 25℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)		Peak Power Output (mW)	
			ANT R	ANT L	ANT R	ANT L
802.11b (11Mbps)	01	2412	22.50	22.60	177.8	182.0
	06	2437	22.86	22.78	193.2	189.7
	11	2462	22.48	22.44	177.0	175.4
802.11g (54Mbps)	01	2412	22.36	22.59	172.2	181.6
	06	2437	22.86	22.86	193.2	193.2
	11	2462	22.24	22.32	167.5	170.6

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT R	ANT L	R+L	R+L
802.11n HT20 (130Mbps)	01	2412	22.35	22.42	25.40	346.37
	06	2437	22.85	22.87	25.87	386.39
	11	2462	22.27	22.47	25.38	345.26
802.11n HT40 (270Mbps)	03	2422	22.35	22.44	25.41	347.18
	06	2437	22.88	22.84	25.87	386.40
	09	2452	22.21	22.42	25.33	340.92

Test Date: Jun. 05, 2012 Temperature: 25℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)		Peak Power Output (mW)	
			ANT R	ANT L	ANT R	ANT L
802.11a (54Mbps)	149	5745	19.66	20.41	92.5	109.9
	157	5785	14.90	19.96	30.9	99.1
	165	5825	14.02	20.05	25.2	101.2

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT R	ANT L	R+L	R+L
802.11an HT20 (130Mbps)	149	5745	19.61	20.32	22.99	199.06
	157	5785	14.87	19.75	20.97	125.10
	165	5825	13.90	19.84	20.83	120.93
802.11an HT40 (270Mbps)	151	5755	19.02	20.23	22.68	185.24
	159	5795	14.07	19.68	20.73	118.42

Test Date: Jun. 01, 2012 Temperature: 25℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)		Average Power Output (mW)	
			ANT R	ANT L	ANT R	ANT L
802.11b (11Mbps)	01	2412	18.03	18.35	63.5	68.4
	06	2437	18.36	18.53	68.5	71.3
	11	2462	17.87	18.18	61.2	65.8
802.11g (54Mbps)	01	2412	16.16	16.46	41.3	44.3
	06	2437	16.81	16.77	48.0	47.5
	11	2462	16.05	16.04	40.3	40.2

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)			Average Power Output (mW)
			ANT R	ANT L	R+L	R+L
802.11n HT20 (130Mbps)	01	2412	16.12	16.23	19.19	82.90
	06	2437	16.53	16.76	19.66	92.40
	11	2462	15.88	16.44	19.18	82.78
802.11n HT40 (270Mbps)	03	2422	16.23	16.25	19.25	84.15
	06	2437	16.78	16.51	19.66	92.41
	09	2452	16.19	16.20	19.21	83.28

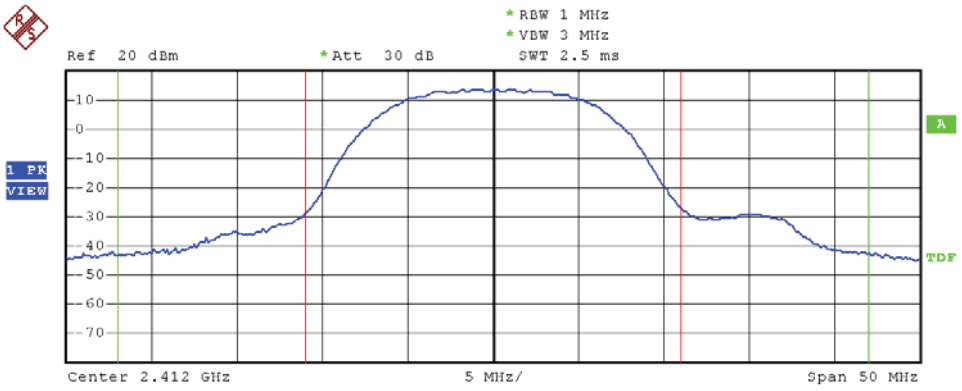
Test Date: Jun. 05, 2012 Temperature: 25℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)		Average Power Output (mW)	
			ANT R	ANT L	ANT R	ANT L
802.11a (54Mbps)	149	5745	11.44	12.32	13.9	17.1
	157	5785	6.71	11.88	4.7	15.4
	165	5825	5.67	11.93	3.7	15.6

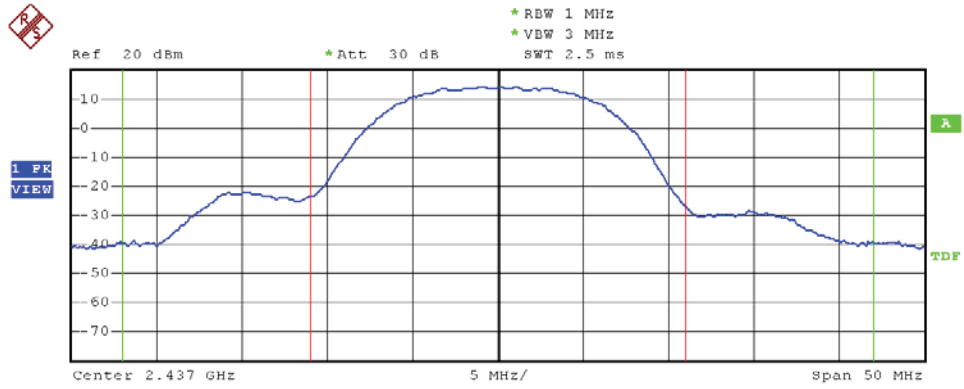
Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)			Average Power Output (mW)
			ANT R	ANT L	R+L	R+L
802.11an HT20 (130Mbps)	149	5745	11.40	12.30	14.88	30.79
	157	5785	6.49	11.79	12.91	19.56
	165	5825	5.53	11.88	12.79	18.99
802.11an HT40 (270Mbps)	151	5755	7.62	11.53	13.01	20.00
	159	5795	6.13	11.61	12.69	18.59

Modulation Standard: 802.11b (11Mbps), ANT R, Peak Power Output
Channel: 01



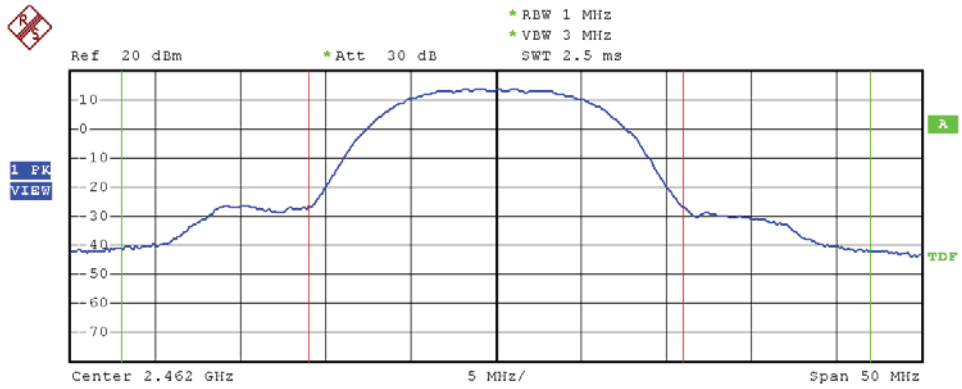
Tx Channel			
Bandwidth	22 MHz	Power	22.50 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-48.83 dB
Spacing	16.5 MHz	Upper	-44.78 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11b (11Mbps), ANT R, Peak Power Output
Channel: 06



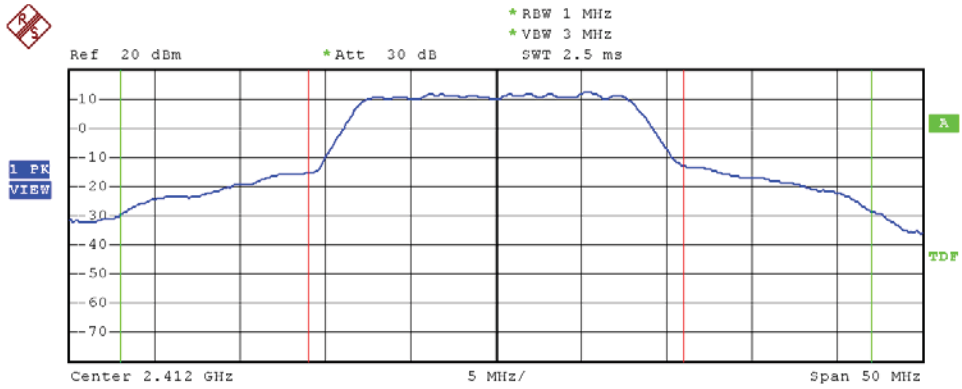
Tx Channel			
Bandwidth	22 MHz	Power	22.86 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-38.96 dB
Spacing	16.5 MHz	Upper	-44.70 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11b (11Mbps), ANT R, Peak Power Output
Channel: 11



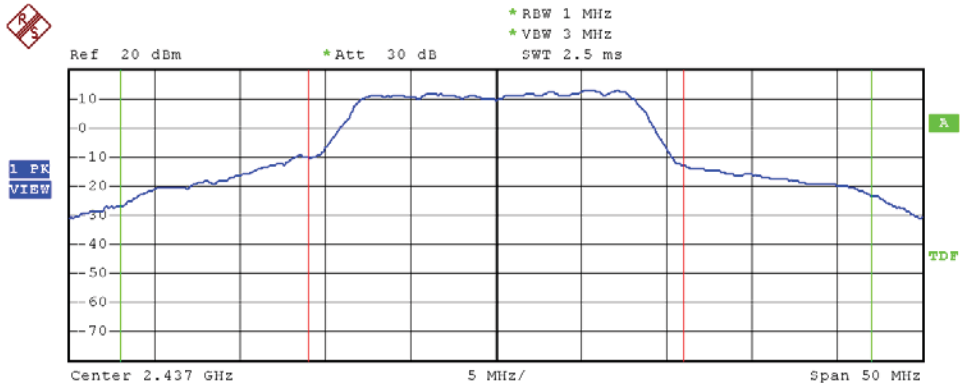
Tx Channel			
Bandwidth	22 MHz	Power	22.48 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-42.30 dB
Spacing	16.5 MHz	Upper	-45.02 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (54Mbps), ANT R, Peak Power Output
Channel: 01



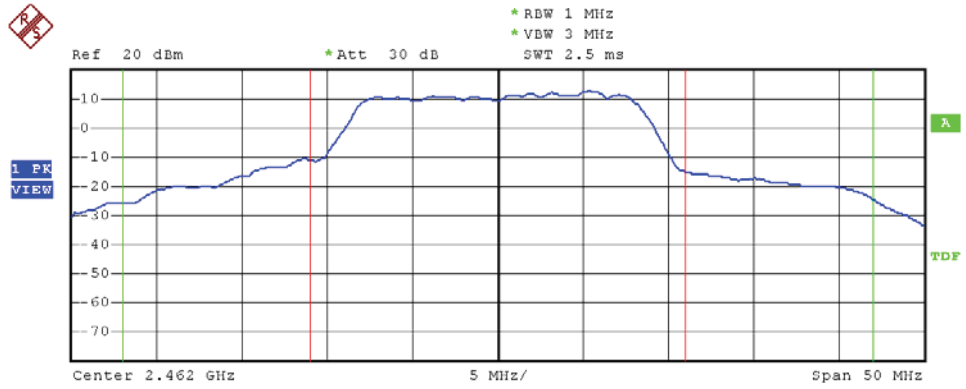
Tx Channel			
Bandwidth	22 MHz	Power	22.36 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-32.32 dB
Spacing	16.5 MHz	Upper	-30.13 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (54Mbps), ANT R, Peak Power Output
Channel: 06



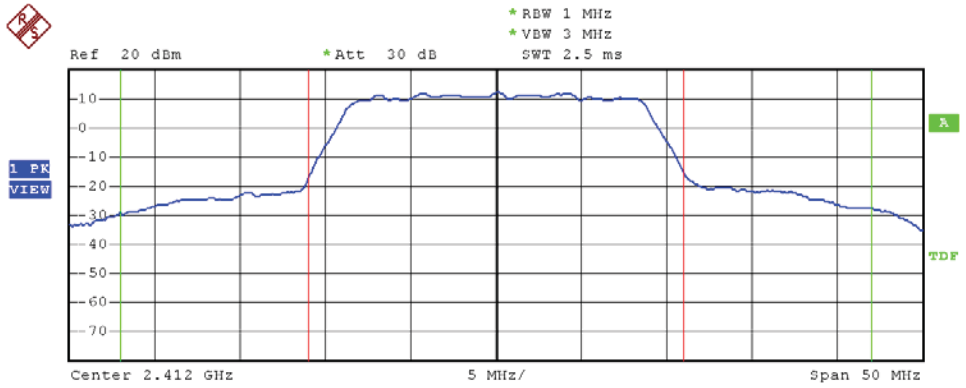
Tx Channel			
Bandwidth	22 MHz	Power	22.86 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-28.68 dB
Spacing	16.5 MHz	Upper	-30.09 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (54Mbps), ANT R, Peak Power Output
Channel: 11



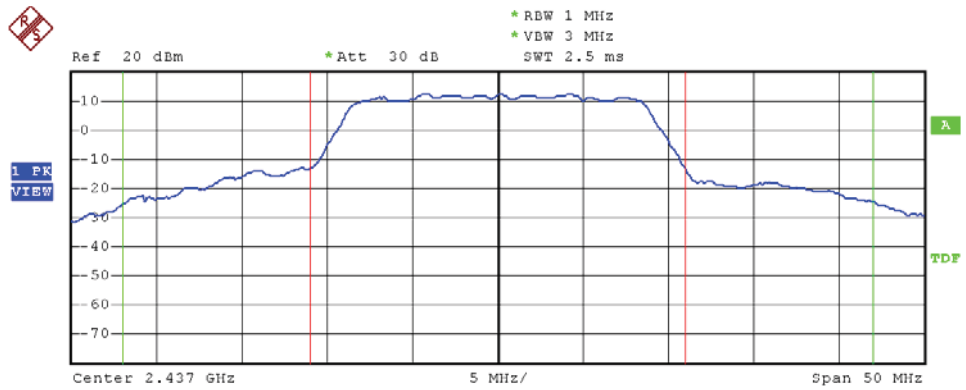
Tx Channel			
Bandwidth	22 MHz	Power	22.24 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-28.78 dB
Spacing	16.5 MHz	Upper	-30.84 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Peak Power Output
Channel: 01



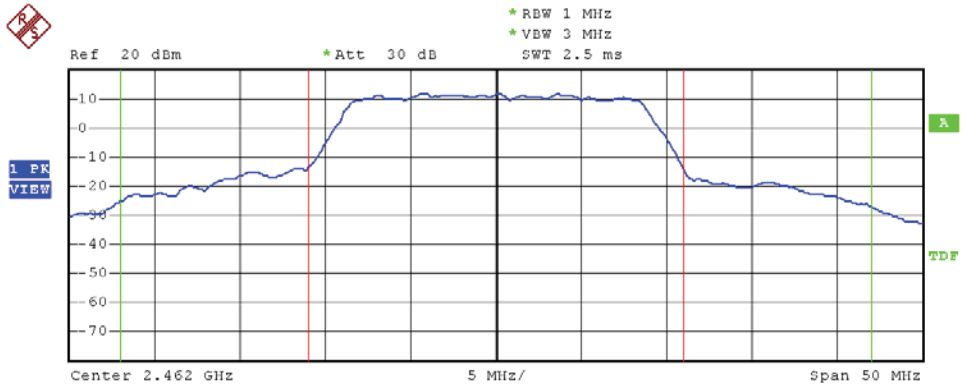
Tx Channel			
Bandwidth	22 MHz	Power	22.35 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-36.58 dB
Spacing	16.5 MHz	Upper	-34.65 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Peak Power Output
Channel: 06



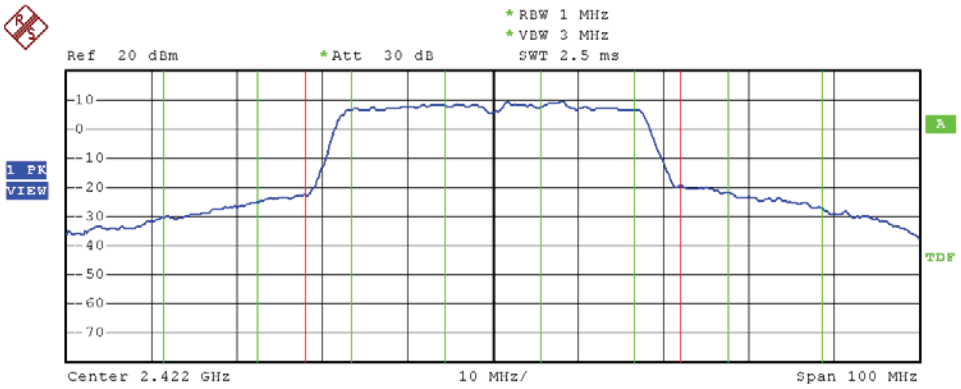
Tx Channel			
Bandwidth	22 MHz	Power	22.85 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-30.21 dB
Spacing	16.5 MHz	Upper	-32.60 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Peak Power Output
Channel: 11



Tx Channel			
Bandwidth	22 MHz	Power	22.27 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-30.48 dB
Spacing	16.5 MHz	Upper	-32.91 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Peak Power Output
Channel: 03



Tx Channel			
Bandwidth	44 MHz	Power	22.35 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.84 dB
Spacing	16.5 MHz	Upper	-4.66 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-14.94 dB
Spacing	27.5 MHz	Upper	-14.82 dB