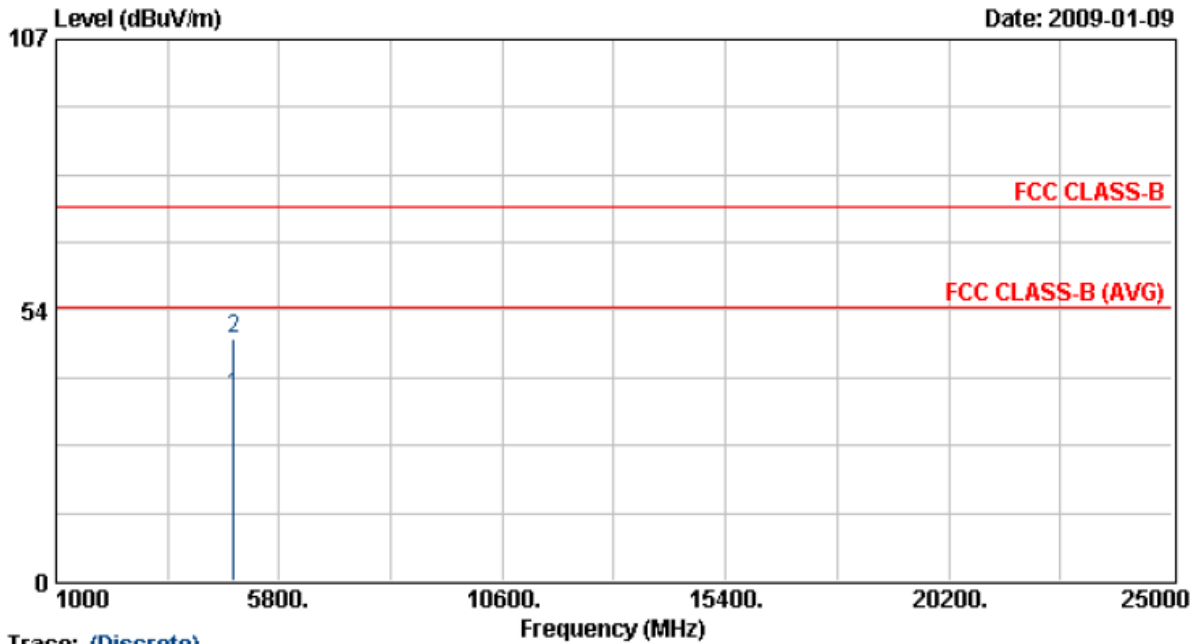




Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 11 Mbps



Trace: (Discrete)

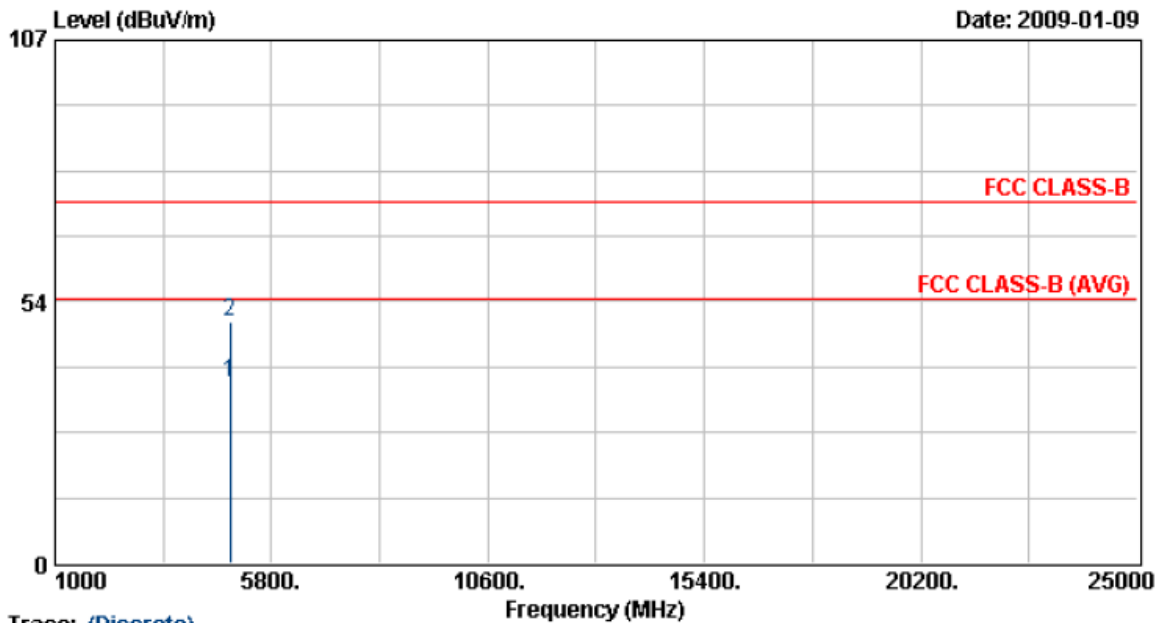
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	4824.03	30.76	5.67	36.43	54.00	-17.57	Average	124	286
2	4824.03	42.06	5.67	47.73	74.00	-26.27	Peak	124	286

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 11 Mbps



Trace: (Discrete)

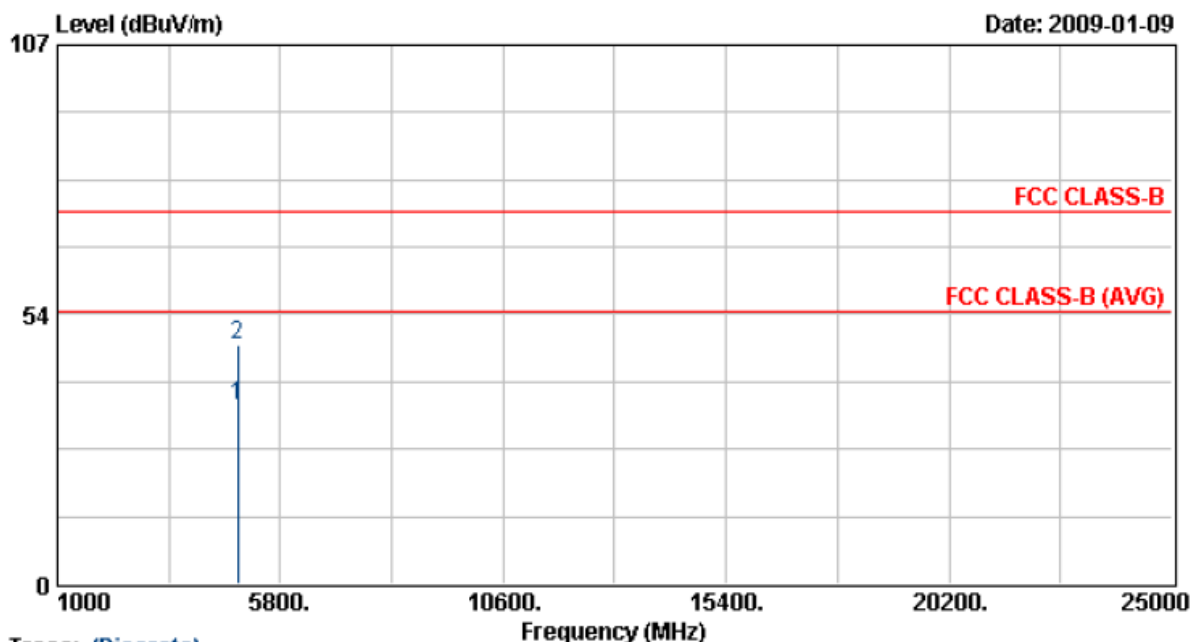
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	31.17	5.80	36.97	54.00	-17.03	Average	130	271
2	4874.03	43.67	5.80	49.47	74.00	-24.53	Peak	130	271

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 11 Mbps



Trace: (Discrete)

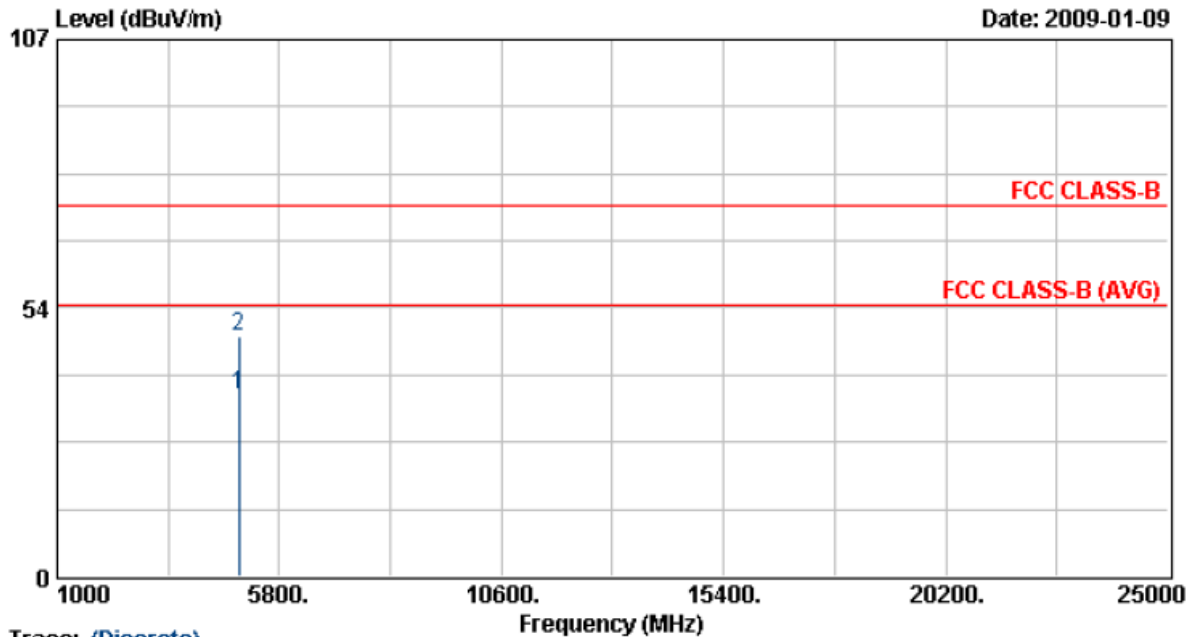
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	29.55	5.80	35.35	54.00	-18.65	Average	124	286
2	4874.00	41.84	5.80	47.64	74.00	-26.36	Peak	124	286

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 11 Mbps



Trace: (Discrete)

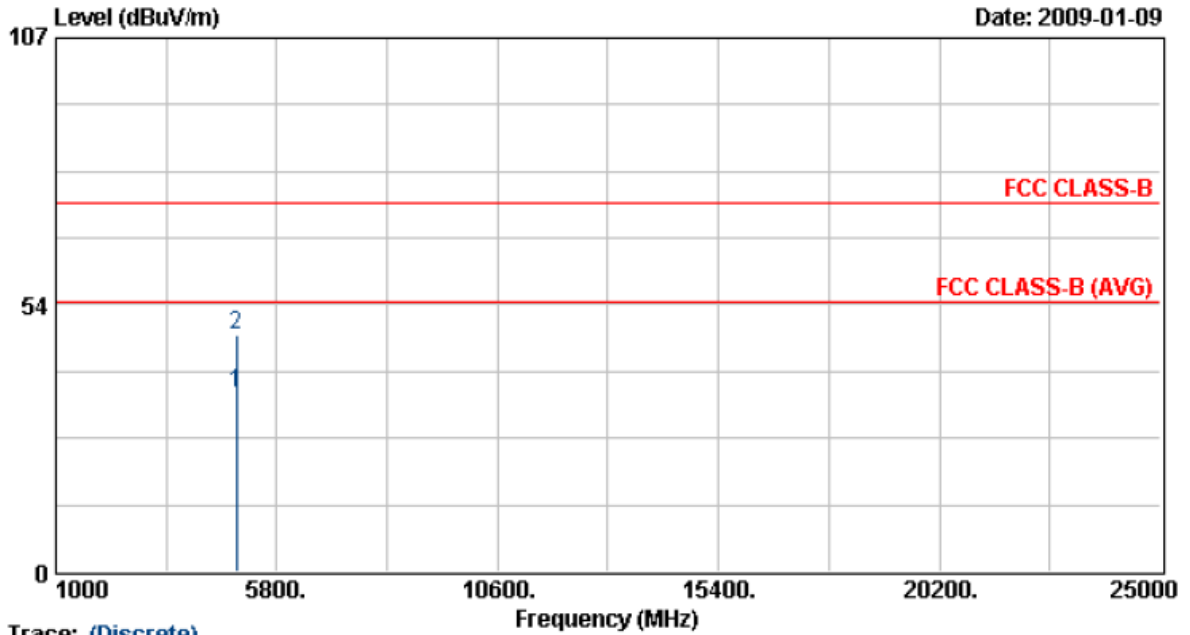
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.95	30.33	5.93	36.26	54.00	-17.74	Average	130	271
2	4923.95	41.87	5.93	47.80	74.00	-26.20	Peak	130	271

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 11 Mbps



Trace: (Discrete)

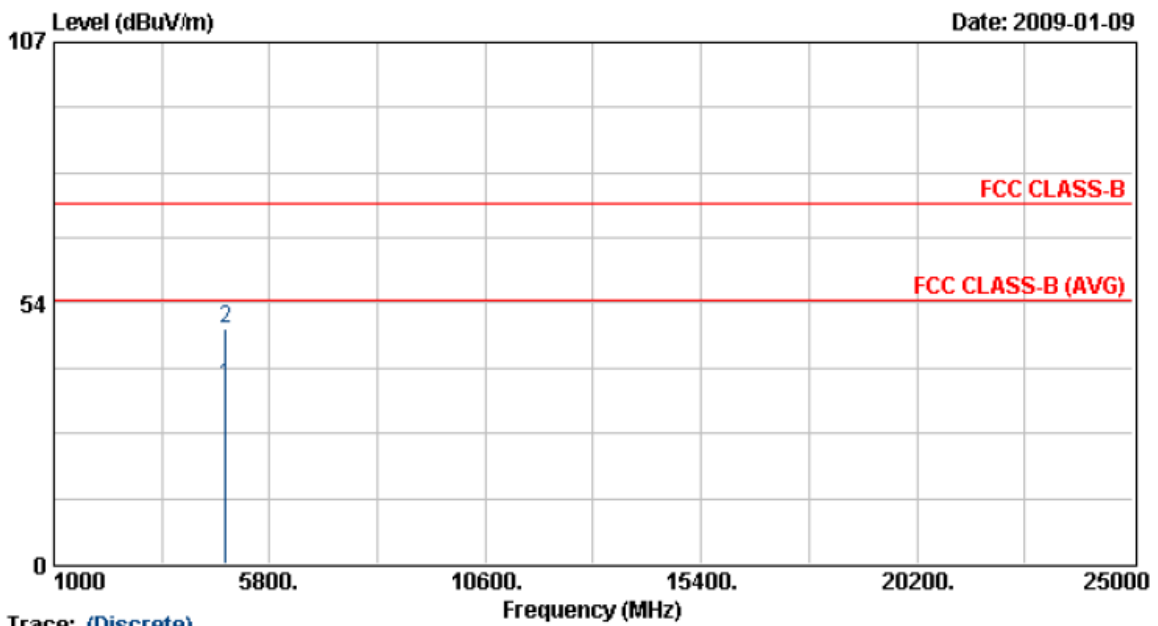
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.03	29.86	5.93	35.79	54.00	-18.21	Average	124	286
2	4924.03	41.66	5.93	47.59	74.00	-26.41	Peak	124	286

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6 Mbps



Trace: (Discrete)

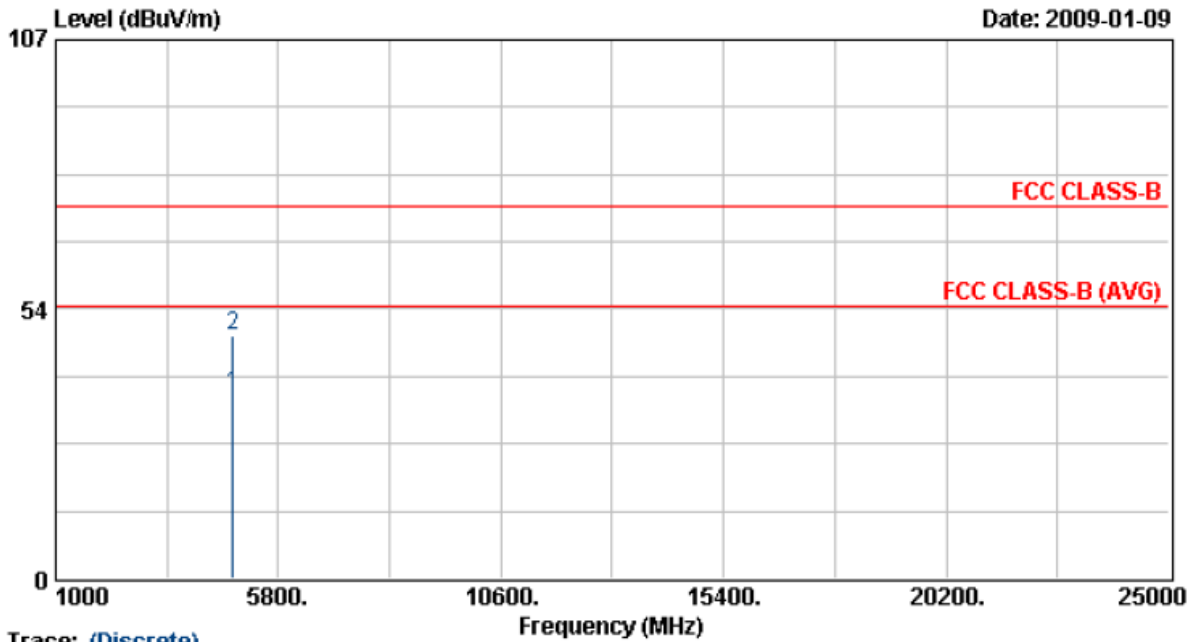
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	4824.05	30.86	5.67	36.53	54.00	-17.47	Average	130	271
2	4824.05	42.62	5.67	48.29	74.00	-25.71	Peak	130	271

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6 Mbps



Trace: (Discrete)

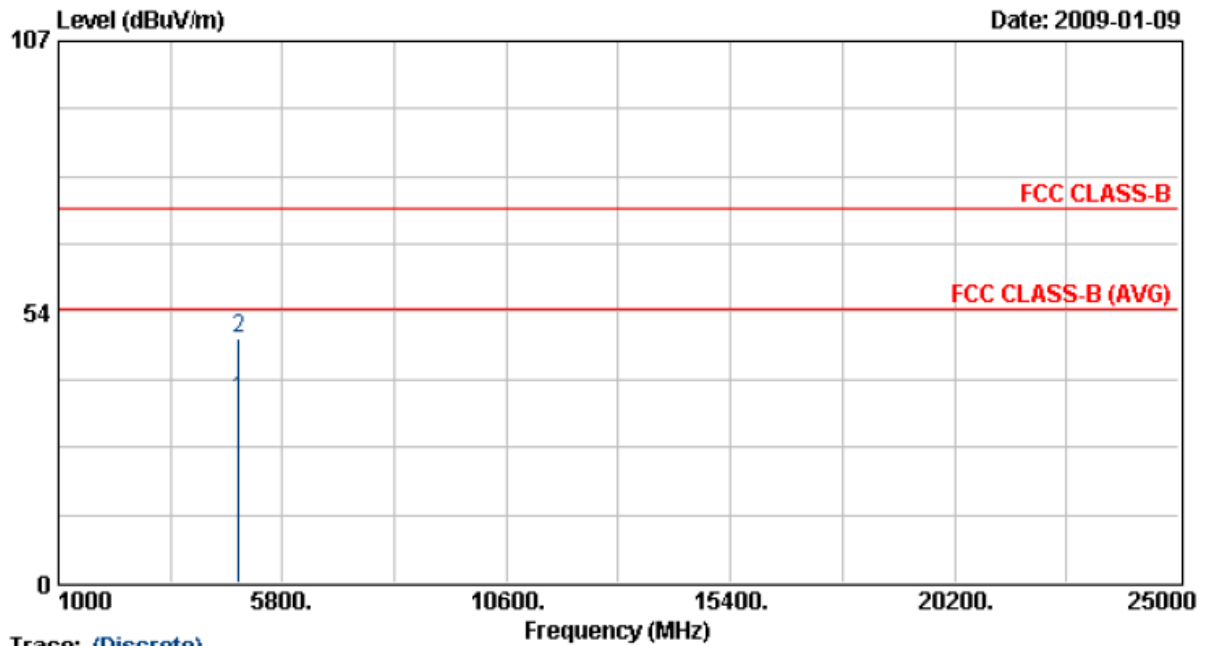
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.03	30.86	5.67	36.53	54.00	-17.47	Average	124	286
2	4824.03	42.40	5.67	48.07	74.00	-25.93	Peak	124	286

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6 Mbps



Trace: (Discrete)

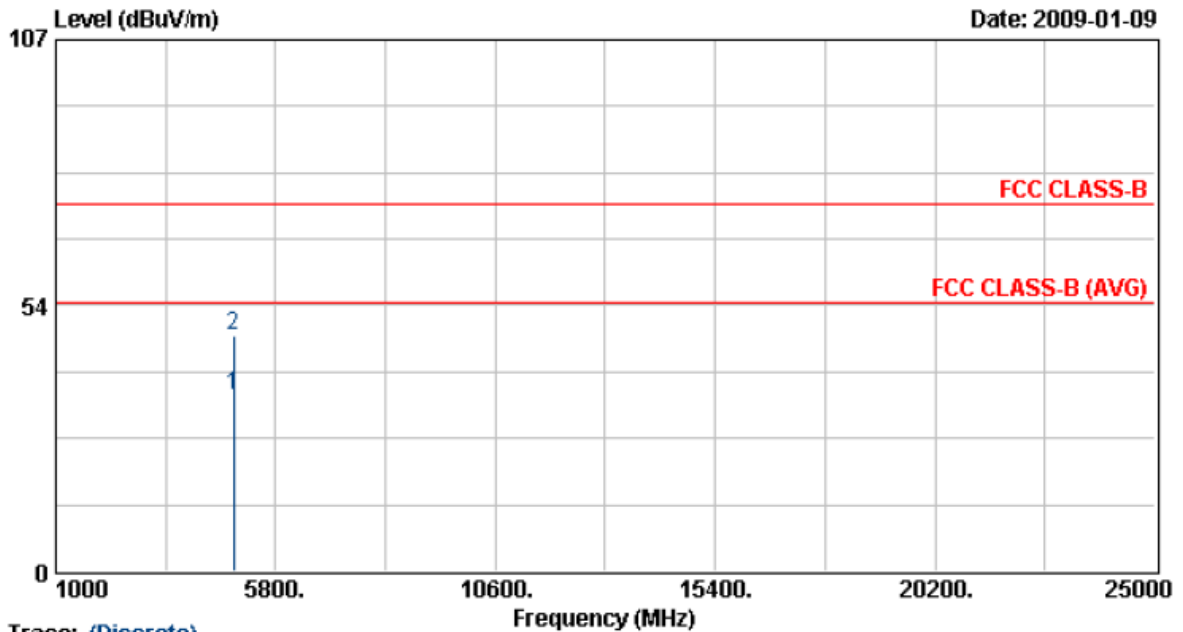
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4872.83	30.47	5.80	36.27	54.00	-17.73	Average	130	271
2	4872.83	42.55	5.80	48.35	74.00	-25.65	Peak	130	271

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6 Mbps



Trace: (Discrete)

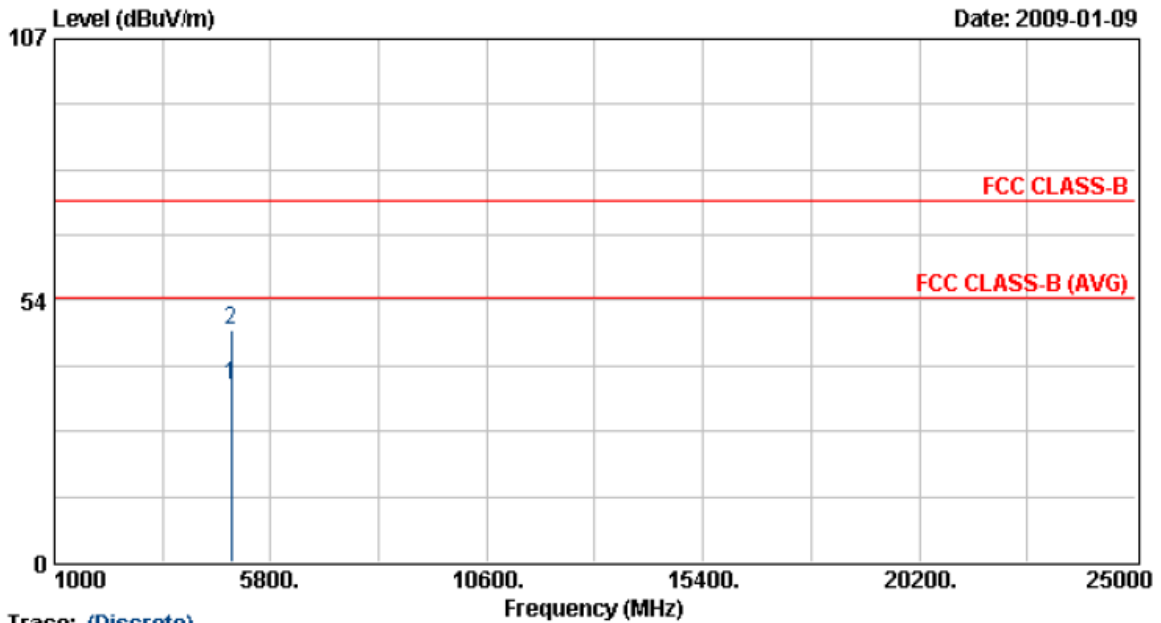
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.03	29.47	5.80	35.27	54.00	-18.73	Average	124	286
2	4873.03	41.64	5.80	47.44	74.00	-26.56	Peak	124	286

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6 Mbps



Trace: (Discrete)

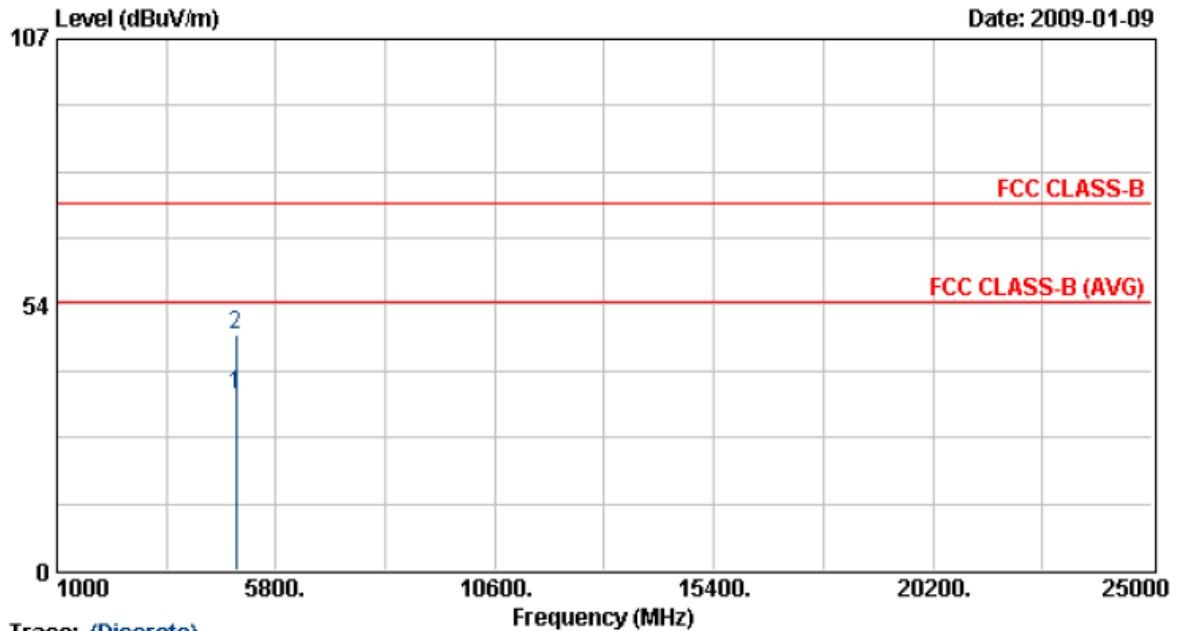
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4927.40	30.27	5.94	36.21	54.00	-17.79	Average	130	271
2	4927.40	41.69	5.94	47.63	74.00	-26.37	Peak	130	271

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 9	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6 Mbps



Trace: (Discrete)

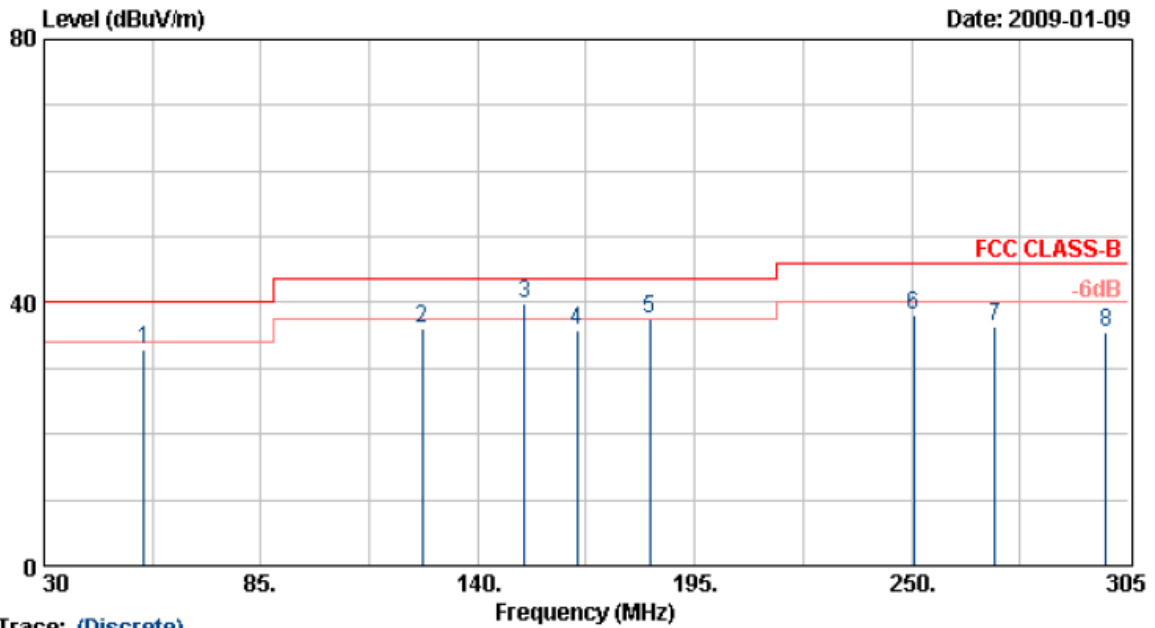
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	29.57	5.93	35.50	54.00	-18.50	Average	124	286
2	4923.88	41.57	5.93	47.50	74.00	-26.50	Peak	124	286

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 11	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

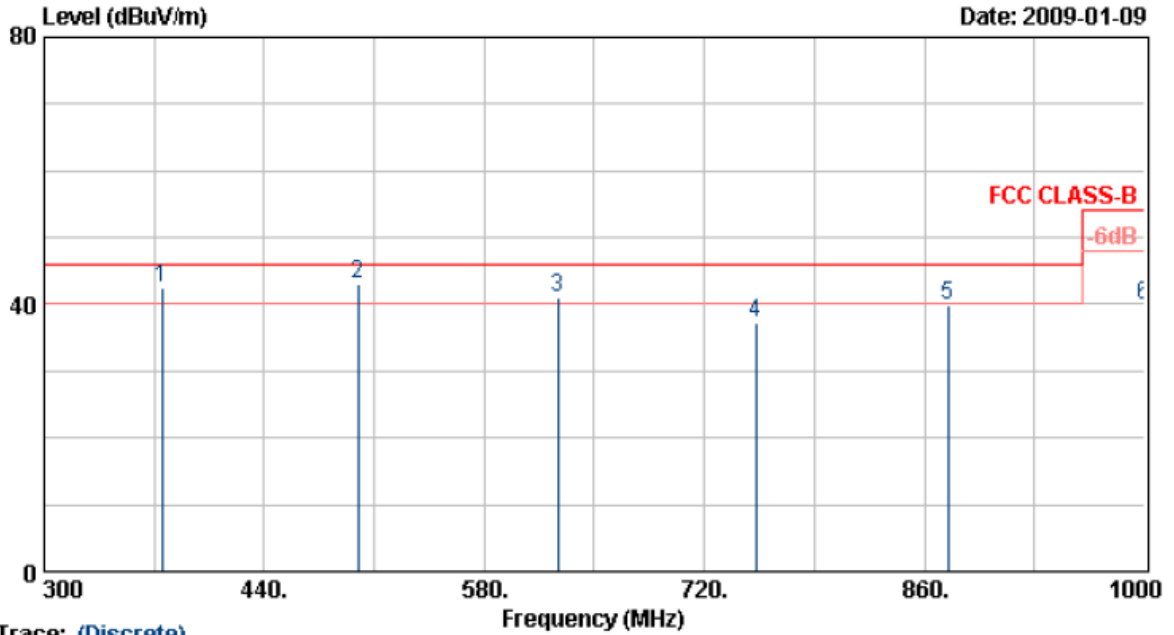
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	55.30	48.95	-15.95	33.00	40.00	-7.00	Peak	100	100
2	125.98	49.79	-13.65	36.14	43.50	-7.36	Peak	100	92
3	151.80	51.88	-12.14	39.73	43.50	-3.77	QP	100	92
4	165.30	48.90	-13.12	35.78	43.50	-7.72	Peak	100	120
5	183.73	46.99	-9.47	37.52	43.50	-5.98	QP	100	120
6	250.55	50.79	-12.68	38.10	46.00	-7.90	Peak	100	87
7	271.18	44.88	-8.39	36.49	46.00	-9.51	Peak	100	96
8	299.23	44.82	-9.25	35.57	46.00	-10.43	Peak	100	96

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 11	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

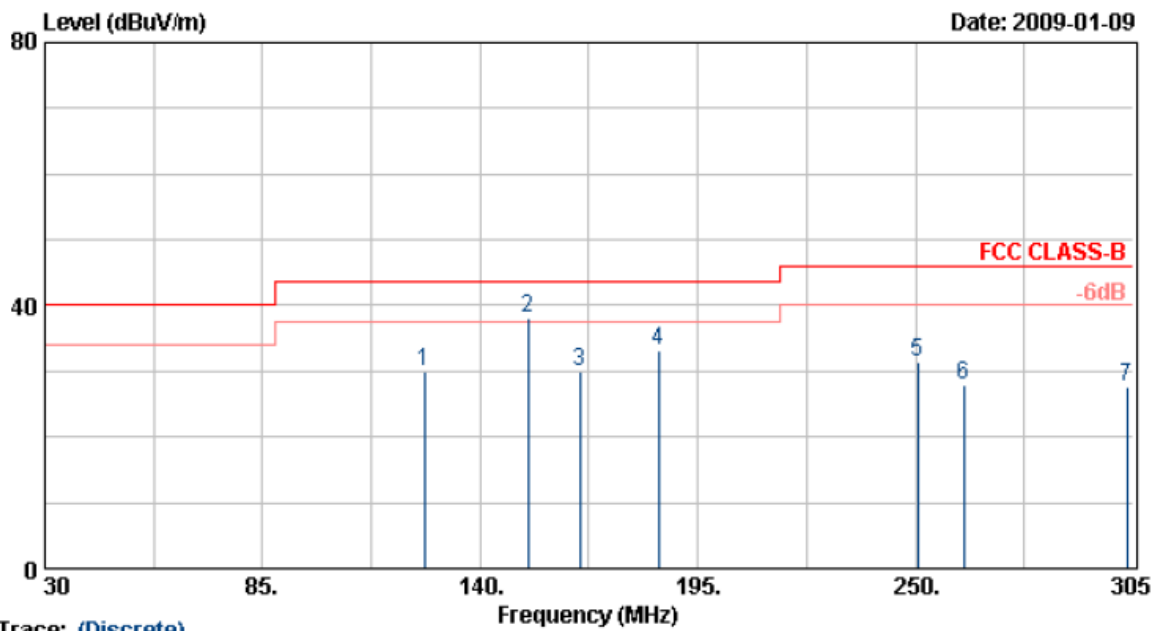
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	374.90	51.46	-8.87	42.58	46.00	-3.42	QP	100	77
2	499.98	47.80	-4.86	42.94	46.00	-3.06	QP	100	77
3	626.90	44.46	-3.58	40.88	46.00	-5.12	QP	100	97
4	752.90	36.72	0.38	37.10	46.00	-8.90	Peak	100	107
5	875.05	38.11	1.80	39.91	46.00	-6.09	Peak	100	107
6	999.99	38.54	1.42	39.96	54.00	-14.04	Peak	100	107

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 11	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

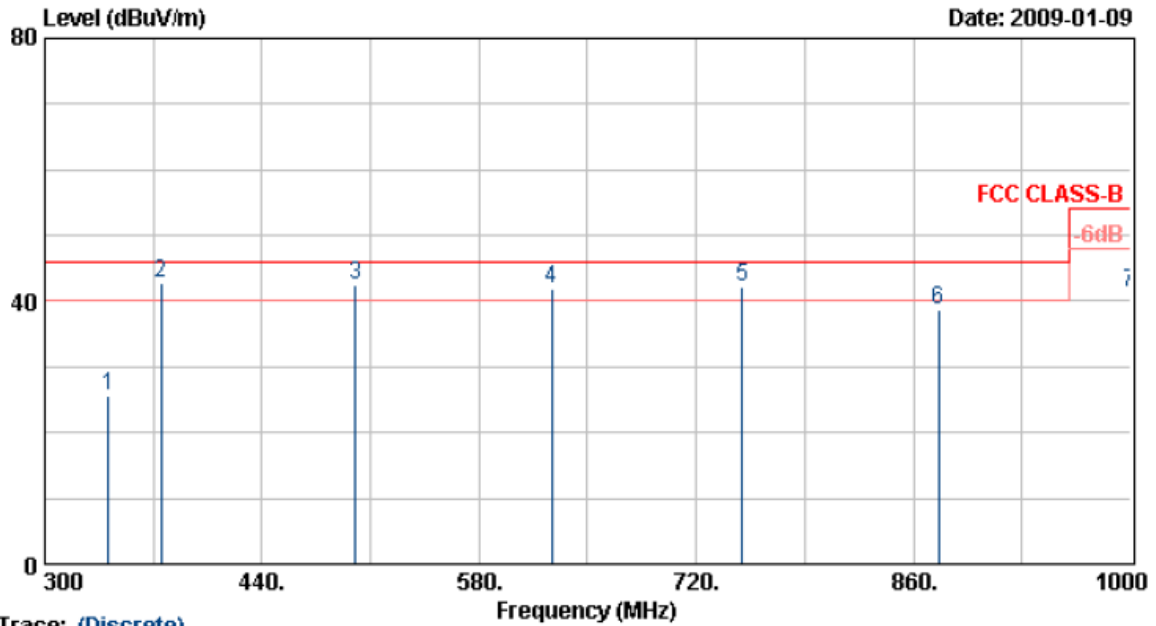
Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	125.98	49.65	-19.62	30.03	43.50	-13.47	Peak	100	50
2	152.10	55.60	-17.55	38.05	43.50	-5.45	QP	100	76
3	165.30	48.73	-18.88	29.85	43.50	-13.65	Peak	100	99
4	185.10	50.88	-17.81	33.06	43.50	-10.44	Peak	100	112
5	250.55	48.96	-17.50	31.46	46.00	-14.54	Peak	100	112
6	262.10	43.18	-15.20	27.98	46.00	-18.02	Peak	100	124
7	303.35	41.70	-14.09	27.61	46.00	-18.39	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. 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 11	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

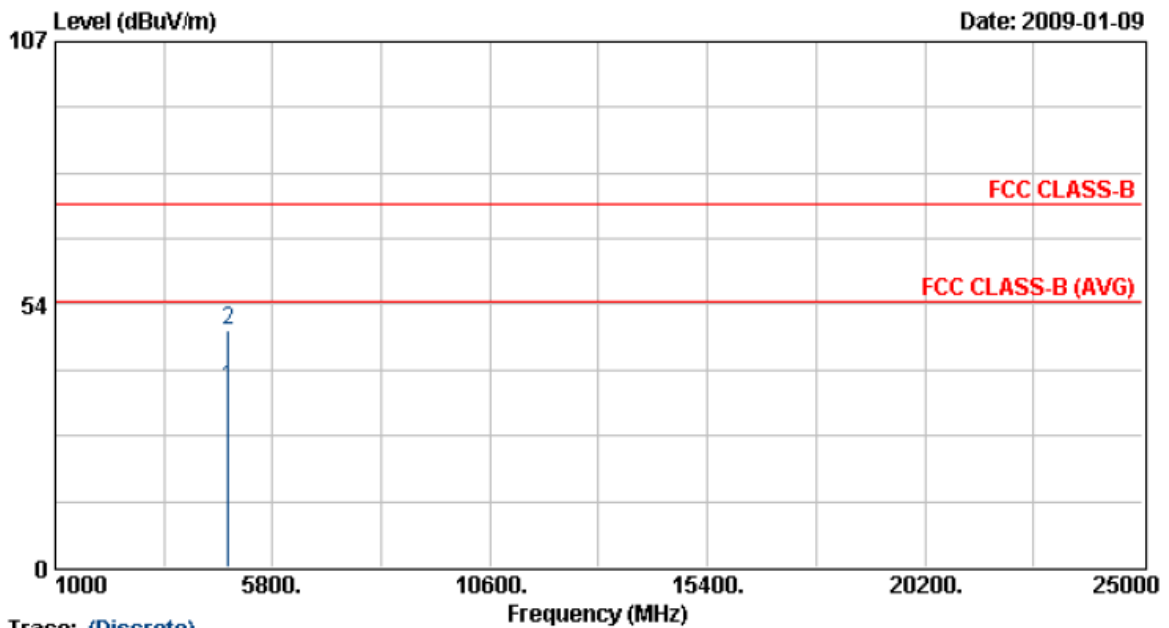
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	341.30	38.68	-13.02	25.66	46.00	-20.34	Peak	100	78
2	374.98	52.80	-10.16	42.64	46.00	-3.36	QP	100	49
3	500.00	46.73	-4.20	42.53	46.00	-3.47	QP	100	59
4	626.90	43.76	-1.84	41.92	46.00	-4.08	QP	100	59
5	749.99	41.76	0.32	42.08	46.00	-3.92	QP	100	98
6	876.10	34.69	3.87	38.56	46.00	-7.44	Peak	100	103
7	999.99	38.00	3.28	41.28	54.00	-12.72	Peak	100	80

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 11	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

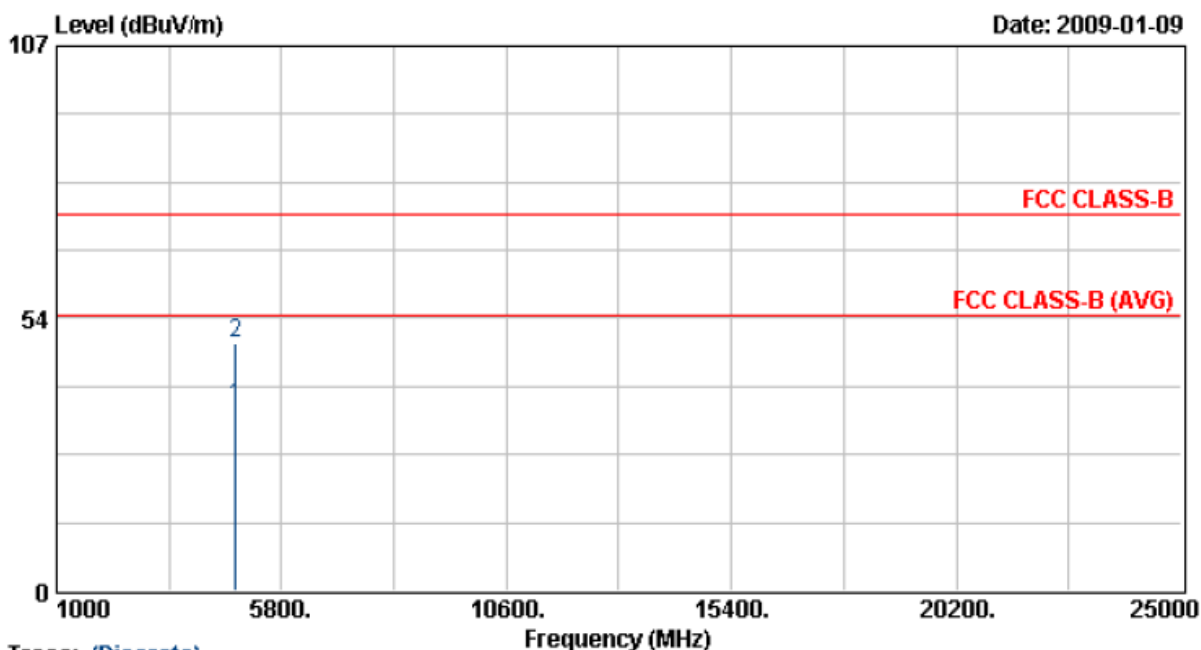
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	4824.83	30.77	5.67	36.44	54.00	-17.56	Average	130	271
2	4824.83	42.55	5.67	48.22	74.00	-25.78	Peak	130	271

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 11	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

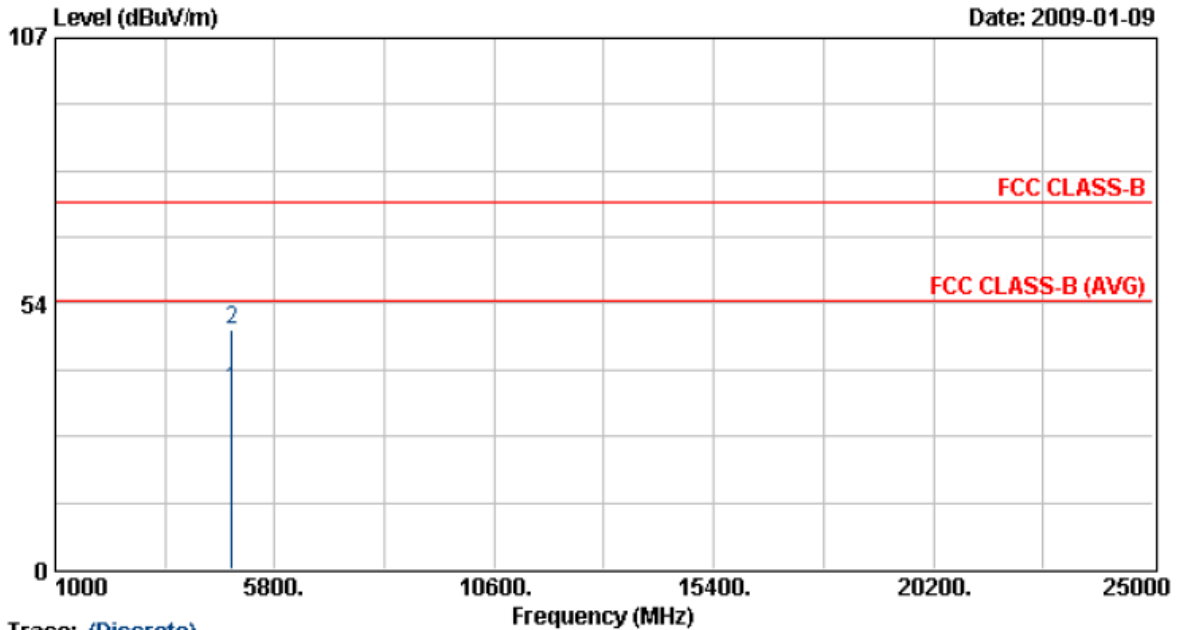
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.03	30.57	5.67	36.24	54.00	-17.76	Average	124	286
2	4824.03	42.90	5.67	48.57	74.00	-25.43	Peak	124	286

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 11	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

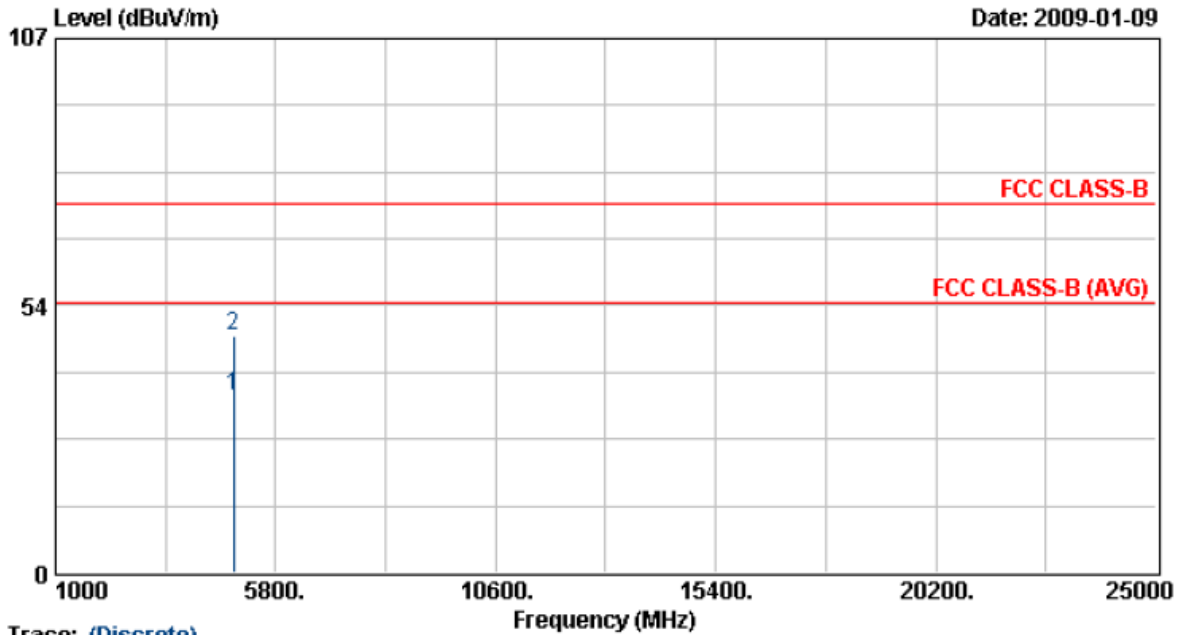
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4871.00	30.47	5.79	36.26	54.00	-17.74	Average	130	271
2	4871.00	42.43	5.79	48.22	74.00	-25.78	Peak	130	271

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 11	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

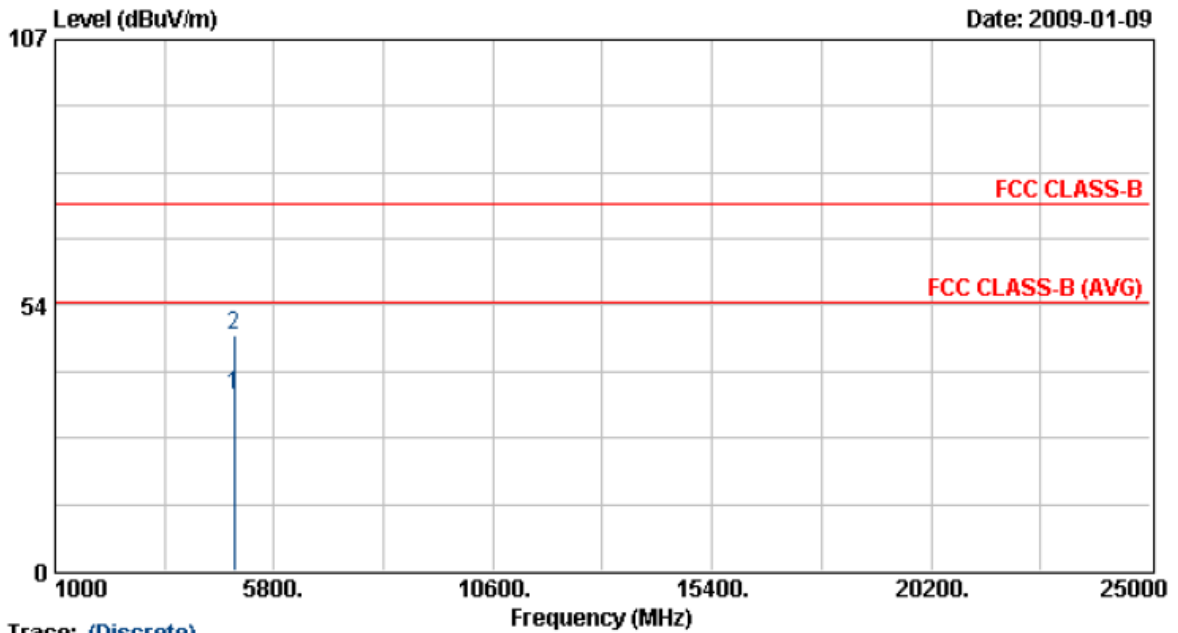
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.61	5.80	35.41	54.00	-18.59	Average	124	286
2	4873.98	41.51	5.80	47.31	74.00	-26.69	Peak	124	286

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 11	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

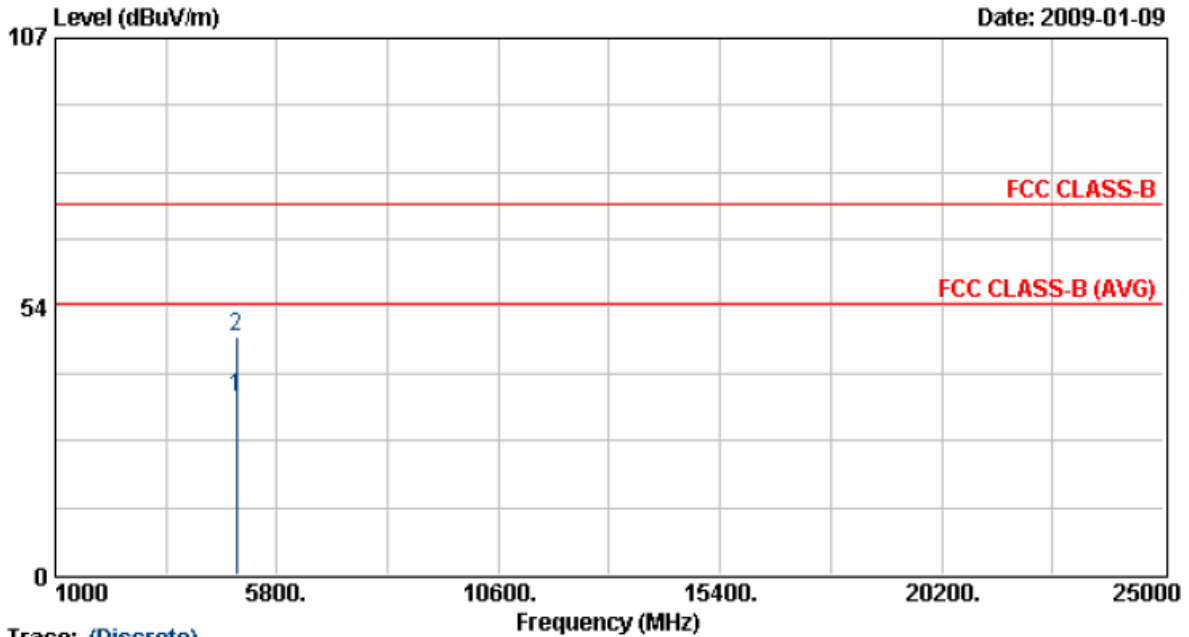
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4919.95	29.67	5.92	35.59	54.00	-18.41	Average	130	271
2	4919.95	41.57	5.92	47.49	74.00	-26.51	Peak	130	271

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 11	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 6.5 Mbps



Trace: (Discrete)

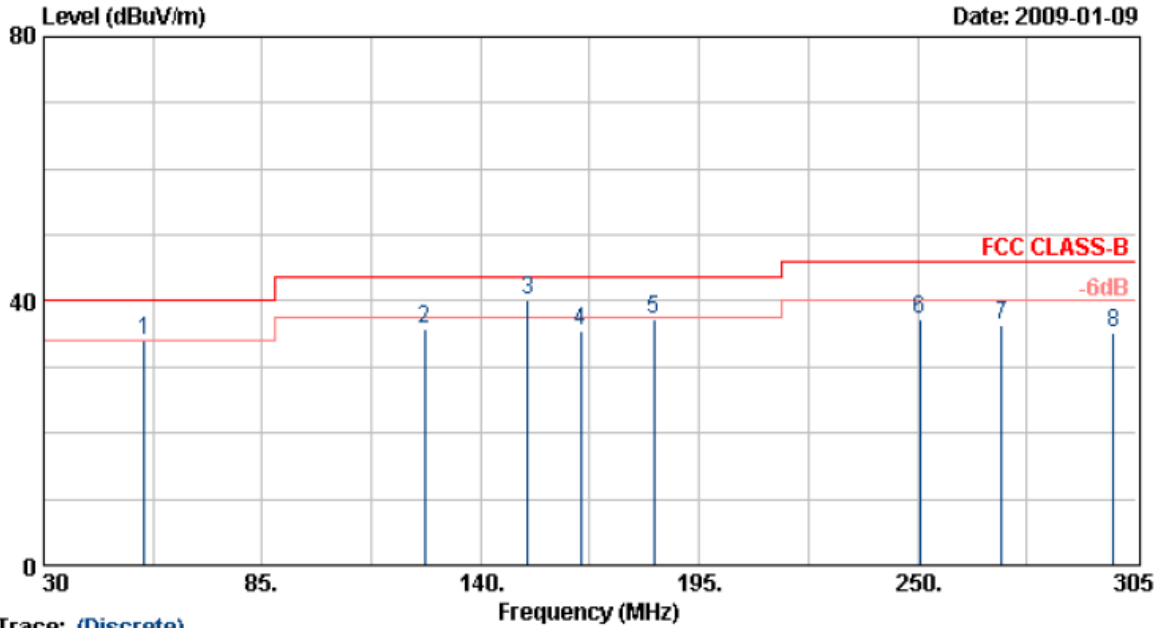
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.33	29.57	5.93	35.50	54.00	-18.50	Average	124	286
2	4924.33	41.47	5.93	47.40	74.00	-26.60	Peak	124	286

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 12	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

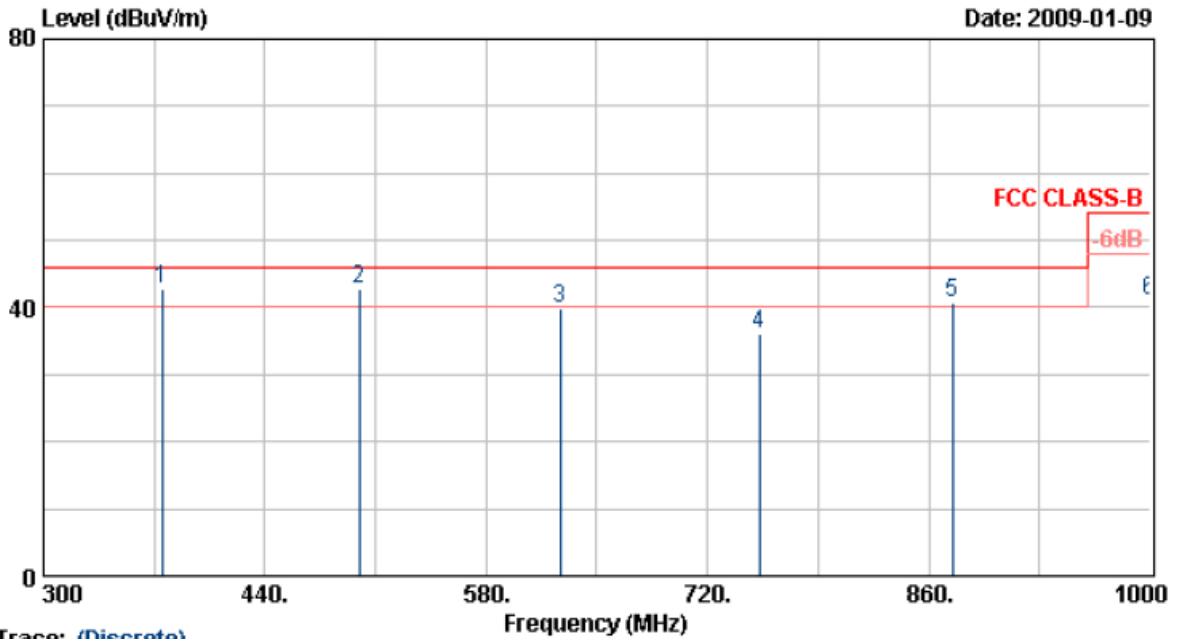
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	55.30	50.00	-15.95	34.05	40.00	-5.95	QP	100	100
2	125.98	49.47	-13.65	35.82	43.50	-7.68	Peak	100	92
3	151.80	52.22	-12.14	40.08	43.50	-3.42	QP	100	92
4	165.30	48.65	-13.12	35.53	43.50	-7.97	Peak	100	120
5	183.73	46.65	-9.47	37.18	43.50	-6.32	Peak	100	120
6	250.55	49.96	-12.68	37.28	46.00	-8.72	Peak	100	87
7	271.18	44.83	-8.39	36.44	46.00	-9.56	Peak	100	96
8	299.23	44.49	-9.25	35.24	46.00	-10.76	Peak	100	96

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 12	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

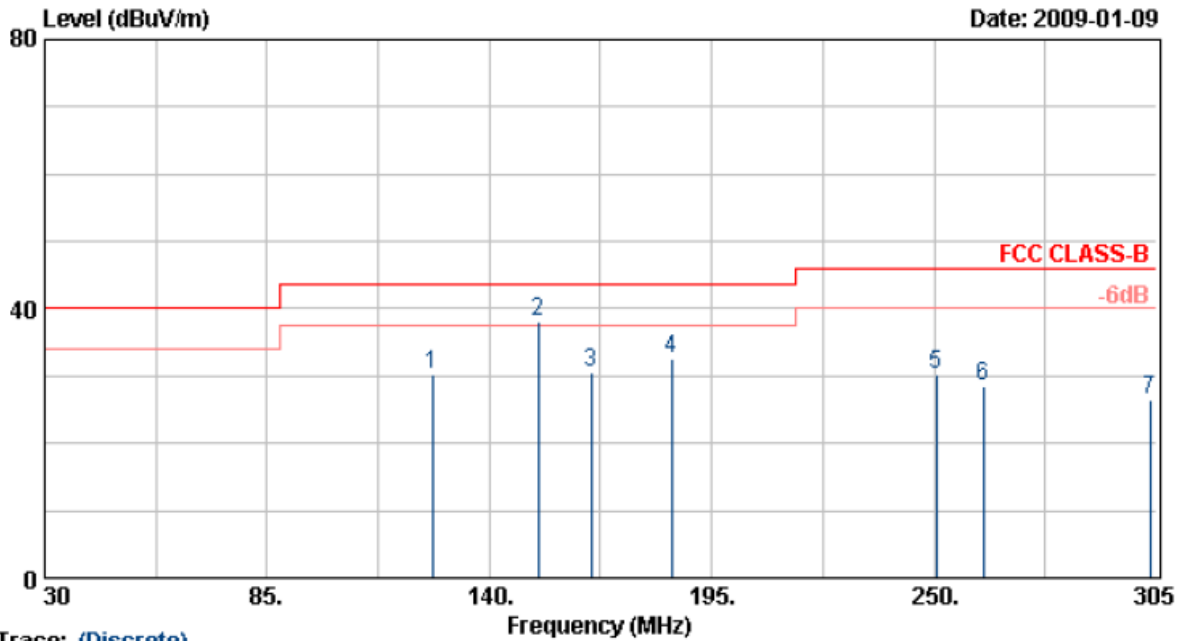
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	374.90	51.77	-8.87	42.89	46.00	-3.11	QP	100	77
2	499.98	47.65	-4.86	42.79	46.00	-3.21	QP	100	77
3	626.90	43.55	-3.58	39.97	46.00	-6.03	QP	100	97
4	752.90	35.76	0.38	36.14	46.00	-9.86	Peak	100	107
5	875.05	38.80	1.80	40.60	46.00	-5.40	QP	100	107
6	999.99	39.54	1.42	40.96	54.00	-13.04	Peak	100	107

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 12	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

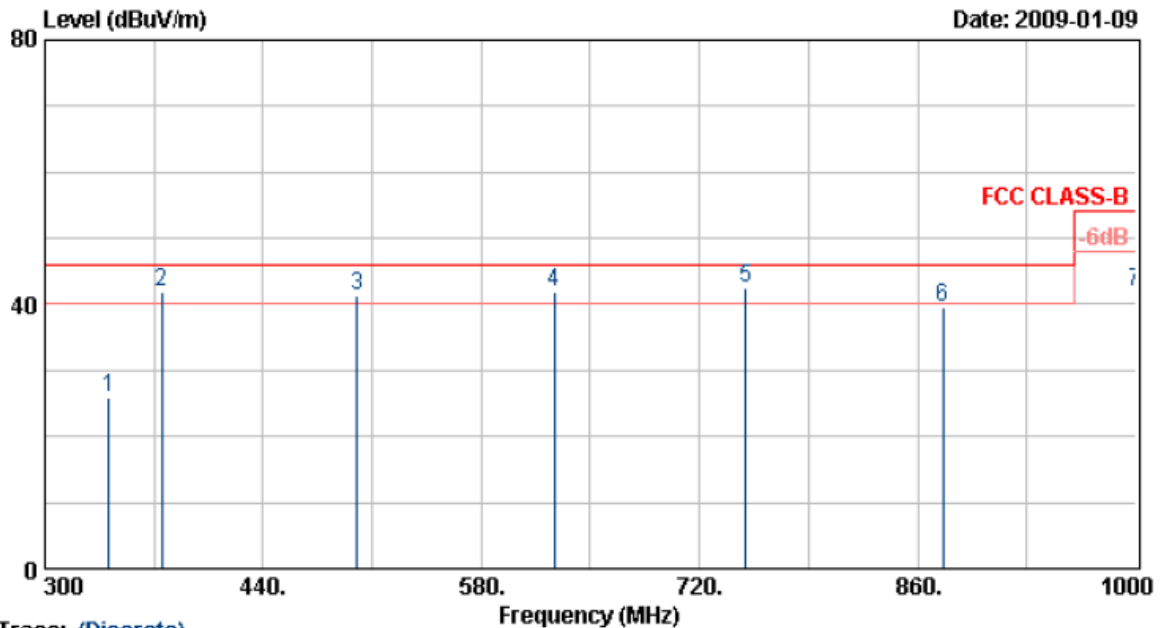
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	125.98	49.76	-19.62	30.14	43.50	-13.36	Peak	100	50
2	152.10	55.77	-17.55	38.21	43.50	-5.29	QP	100	76
3	165.30	49.52	-18.88	30.64	43.50	-12.86	Peak	100	99
4	185.10	50.47	-17.81	32.65	43.50	-10.85	Peak	100	112
5	250.55	47.76	-17.50	30.26	46.00	-15.74	Peak	100	112
6	262.10	43.76	-15.20	28.56	46.00	-17.44	Peak	100	124
7	303.35	40.56	-14.09	26.47	46.00	-19.53	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. 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 12	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

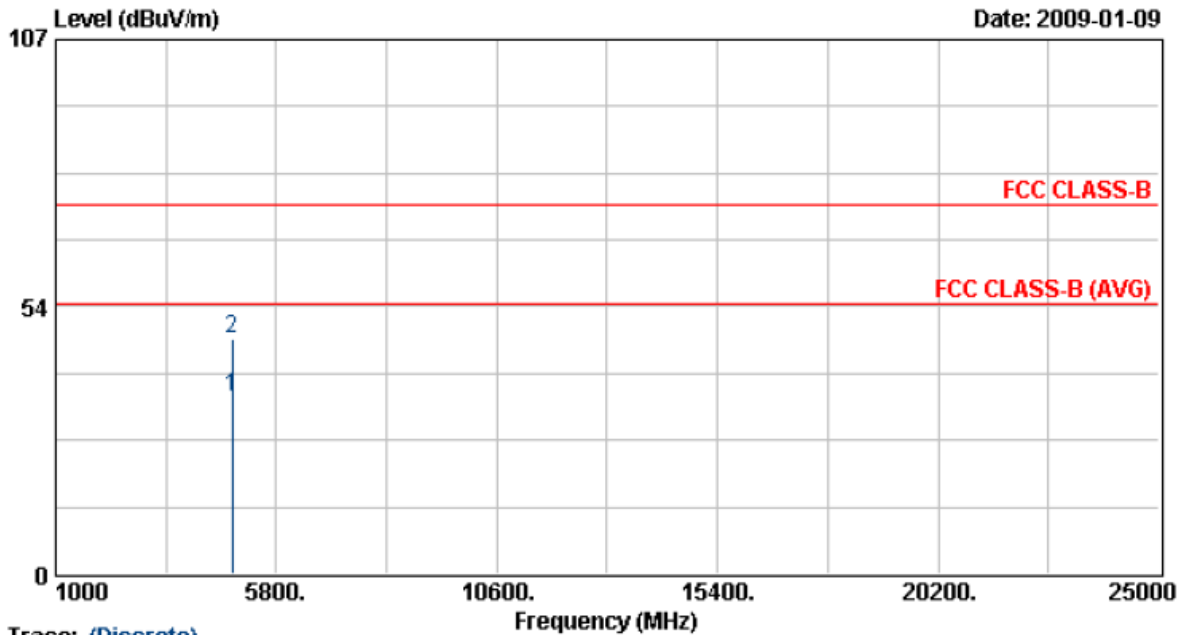
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	341.30	38.77	-13.02	25.75	46.00	-20.25	Peak	100	78
2	374.98	52.15	-10.16	41.99	46.00	-4.01	QP	100	49
3	500.00	45.48	-4.20	41.28	46.00	-4.72	QP	100	59
4	626.90	43.79	-1.84	41.95	46.00	-4.05	QP	100	59
5	749.99	42.21	0.32	42.53	46.00	-3.47	QP	100	98
6	876.10	35.65	3.87	39.52	46.00	-6.48	Peak	100	103
7	999.99	38.55	3.28	41.82	54.00	-12.18	Peak	100	80

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 12	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

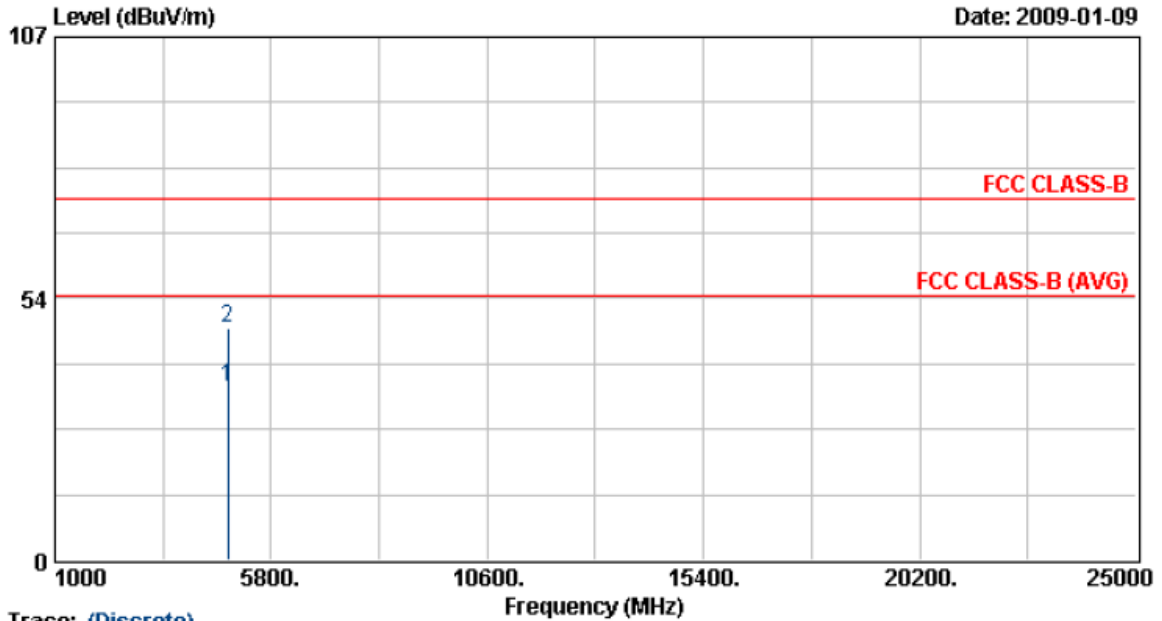
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4843.98	29.77	5.72	35.49	54.00	-18.51	Average	130	271
2	4843.98	41.46	5.72	47.18	74.00	-26.82	Peak	130	271

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 12	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

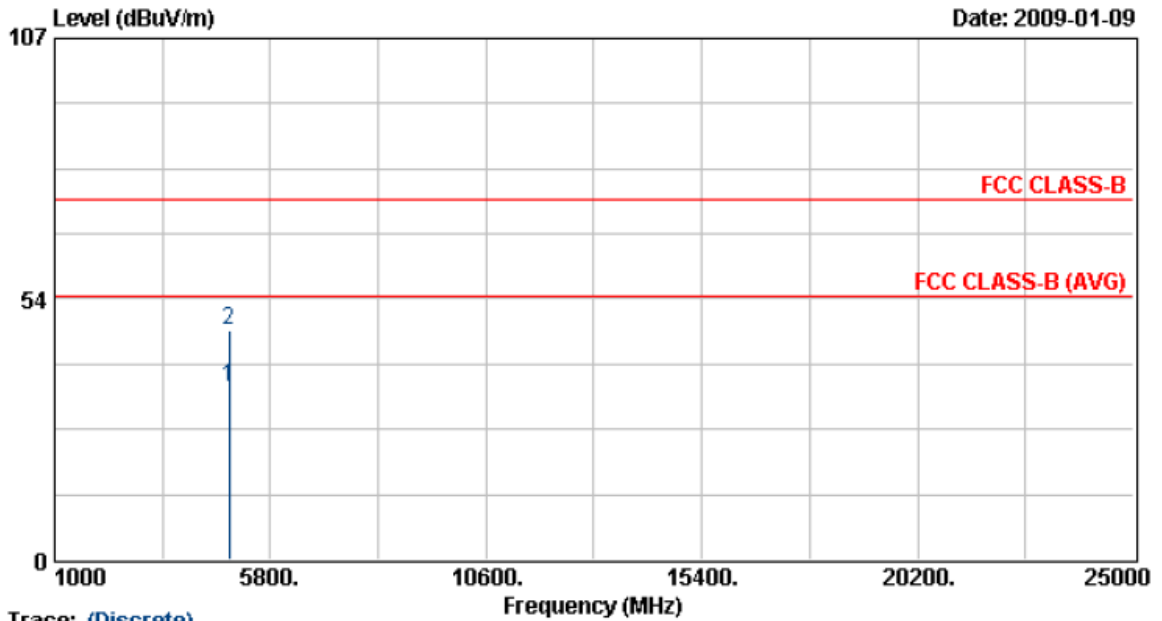
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4842.68	29.56	5.72	35.28	54.00	-18.72	Average	124	286
2	4842.68	41.63	5.72	47.35	74.00	-26.65	Peak	124	286

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 12	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

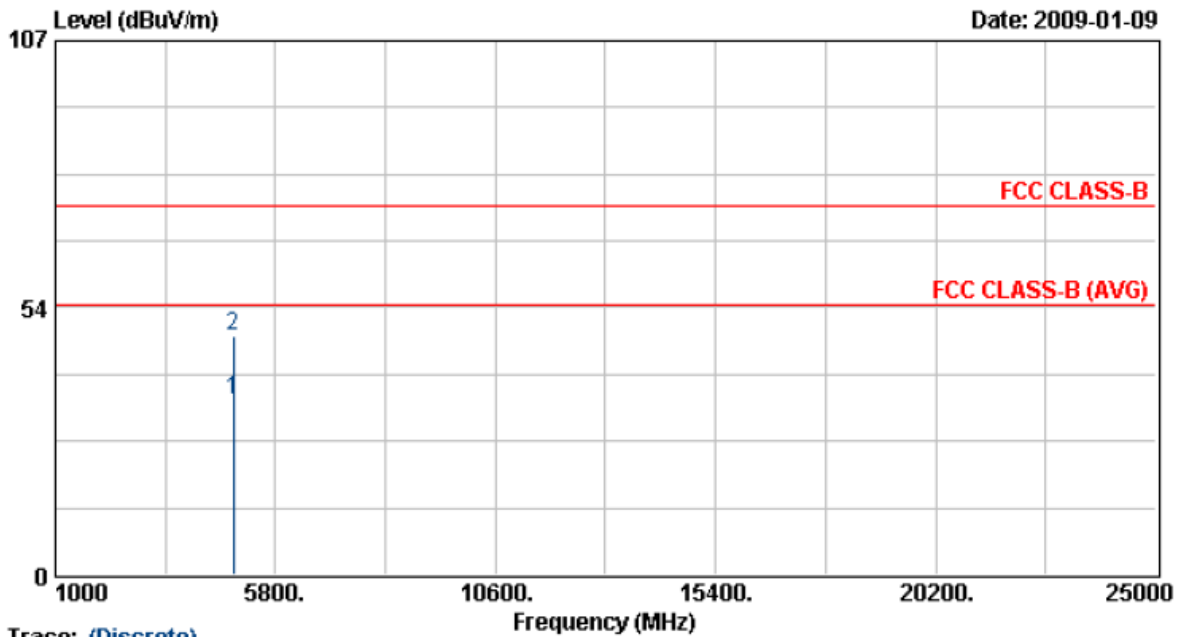
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.08	29.67	5.80	35.47	54.00	-18.53	Average	130	271
2	4874.08	41.34	5.80	47.14	74.00	-26.86	Peak	130	271

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 12	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

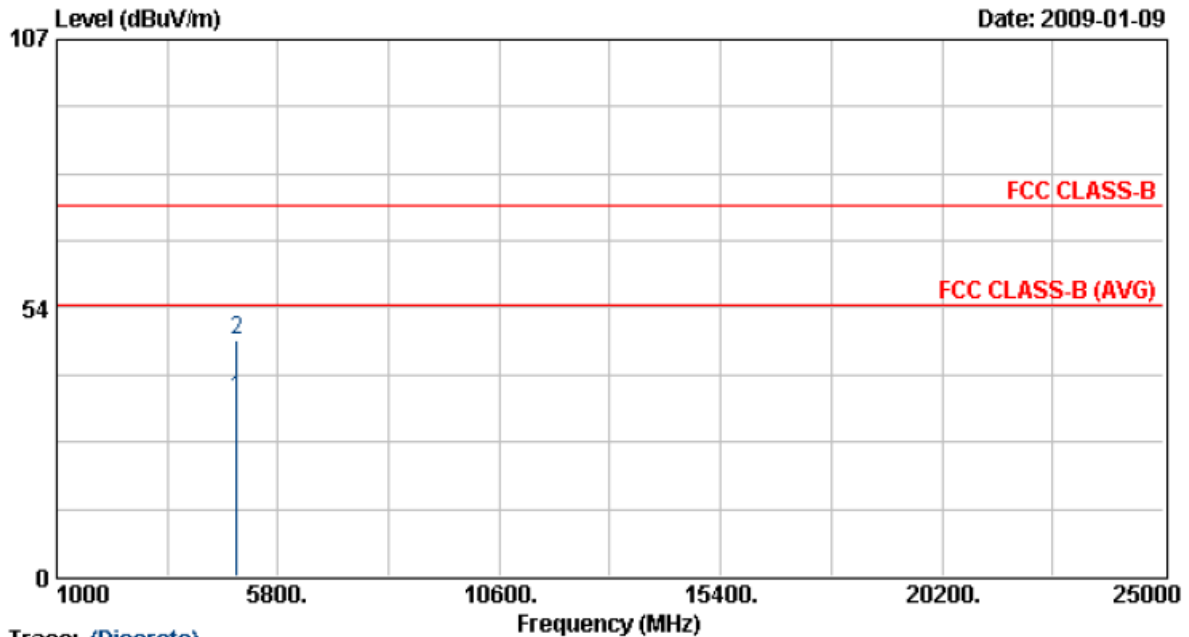
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.17	5.80	34.97	54.00	-19.03	Average	124	286
2	4873.98	42.19	5.80	47.99	74.00	-26.01	Peak	124	286

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 12	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 Mbps



Trace: (Discrete)

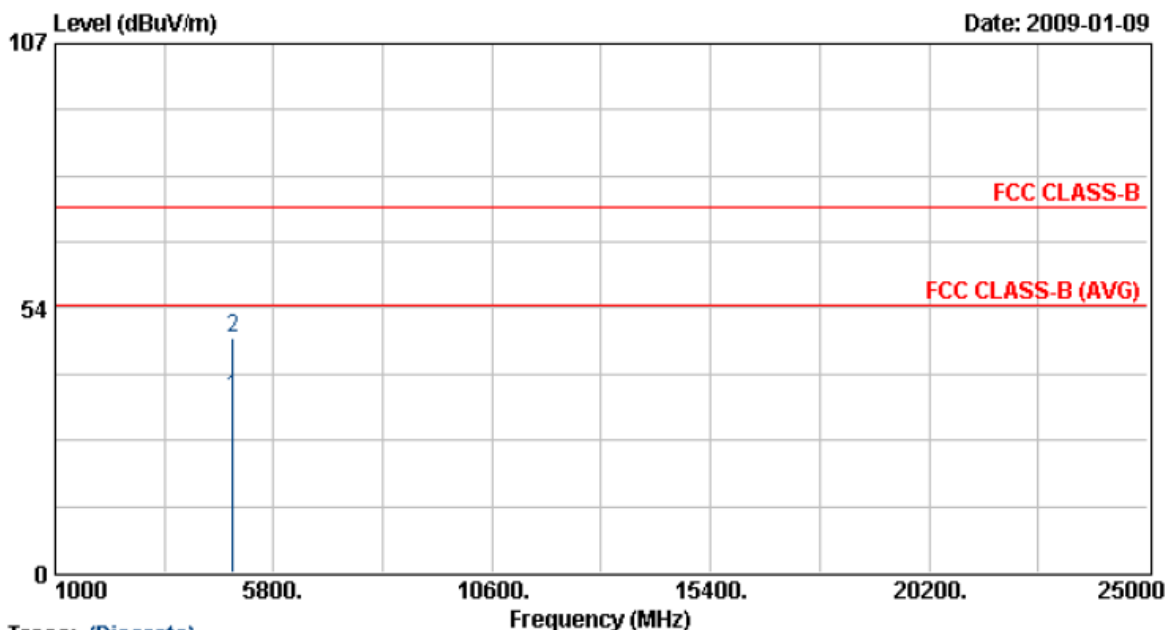
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.03	29.47	5.88	35.35	54.00	-18.65	Average	130	271
2	4904.03	41.25	5.88	47.13	74.00	-26.87	Peak	130	271

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 12	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11n HT40	Atmospheric Pressure	: 1020 hPa
Memo	: Power from POE	Rate	: 13.5 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	4904.03	29.37	5.88	35.25	54.00	-18.75	Average	124	286
2	4904.03	41.65	5.88	47.53	74.00	-26.47	Peak	124	286

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

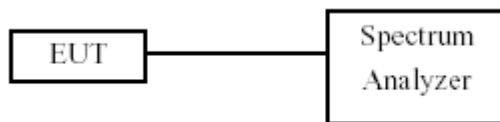
6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

6.2 Test Procedures

- The transmitter output was connected to the spectrum analyzer.
- Set RBW of spectrum analyzer to 100 KHz and VBW to 100 KHz.
- 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: Jan. 03, 2009

Temperature: 25°C

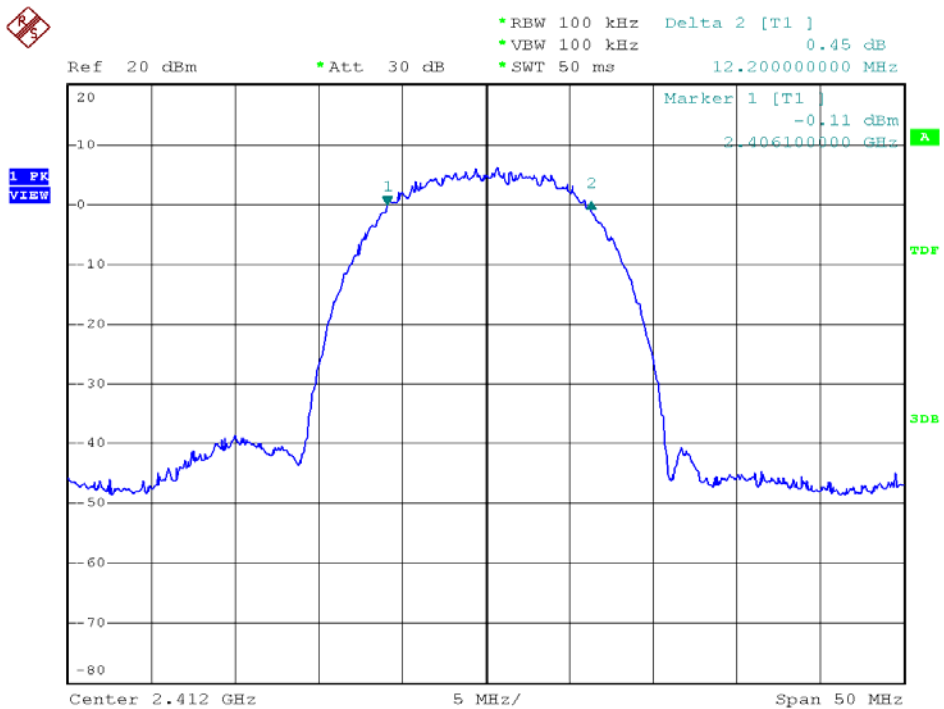
Atmospheric pressure: 1020 hPa

Humidity: 60%

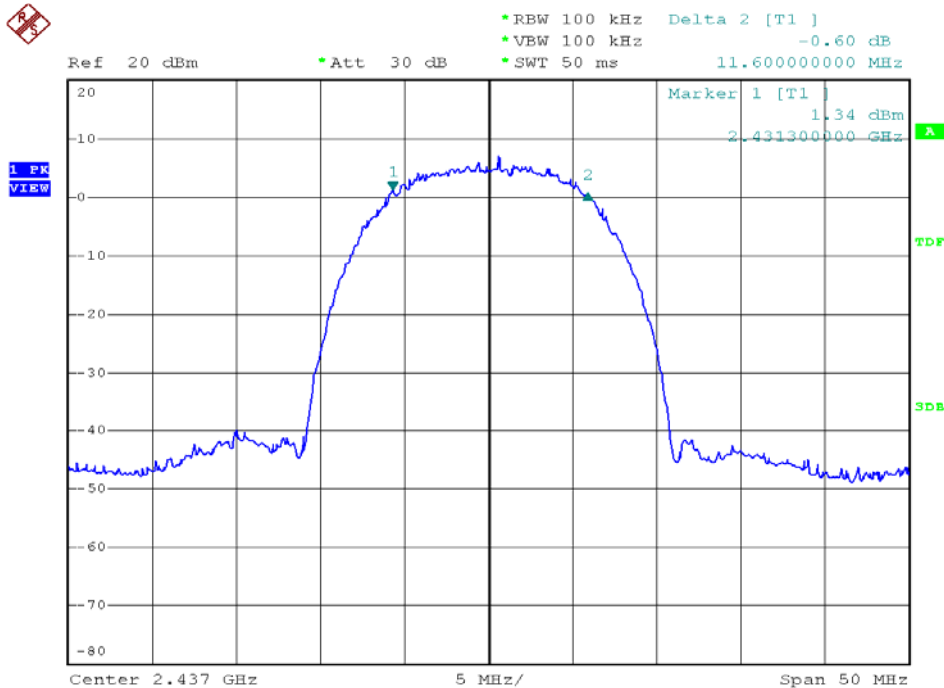
Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			ANT R	ANT L
802.11b (11Mbps)	01	2412	12.2	13.1
	06	2437	11.6	11.6
	11	2462	11.7	11.5
802.11g (6Mbps)	01	2412	16.3	16.3
	06	2437	16.4	16.4
	11	2462	16.4	16.4
802.11n HT20 (6.5Mbps)	01	2412	17.5	17.6
	06	2437	17.6	17.6
	11	2462	17.6	17.6
802.11n HT40 (13.5Mbps)	03	2422	36.4	36.4
	06	2437	36.4	36.4
	09	2452	36.4	36.4



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

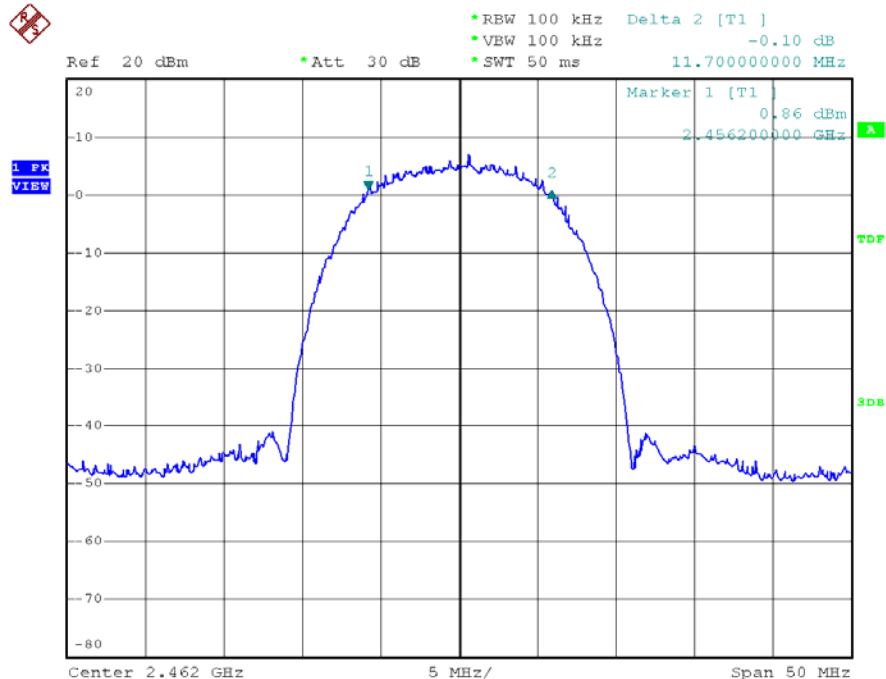


Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 06

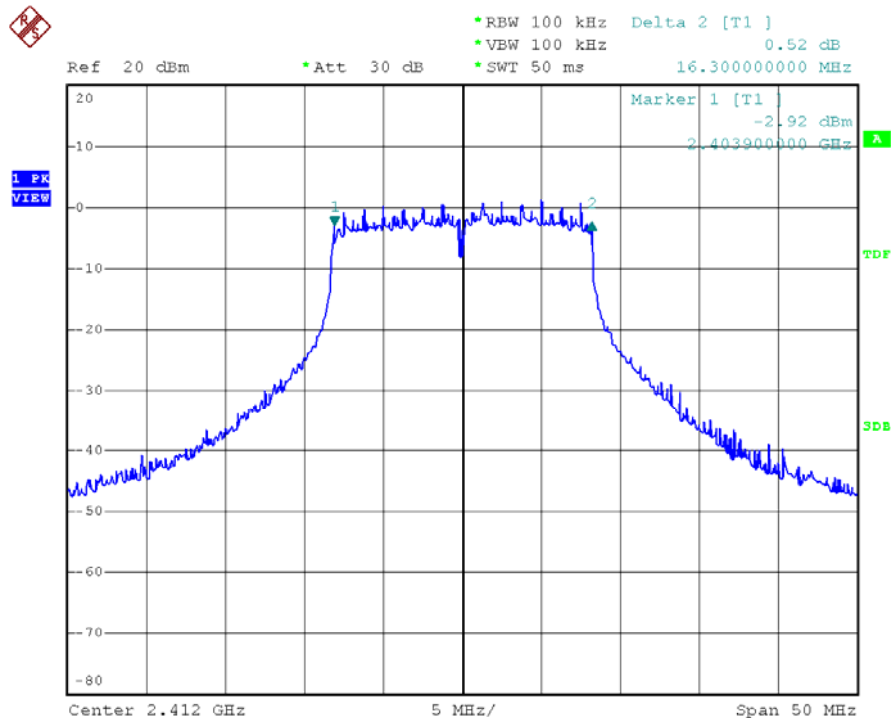




Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 11

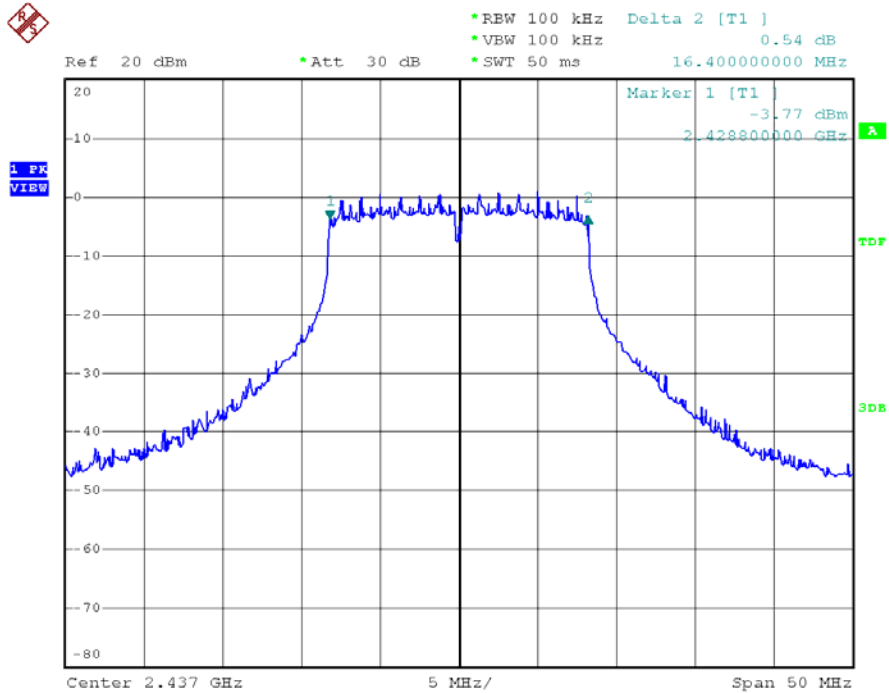


Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01

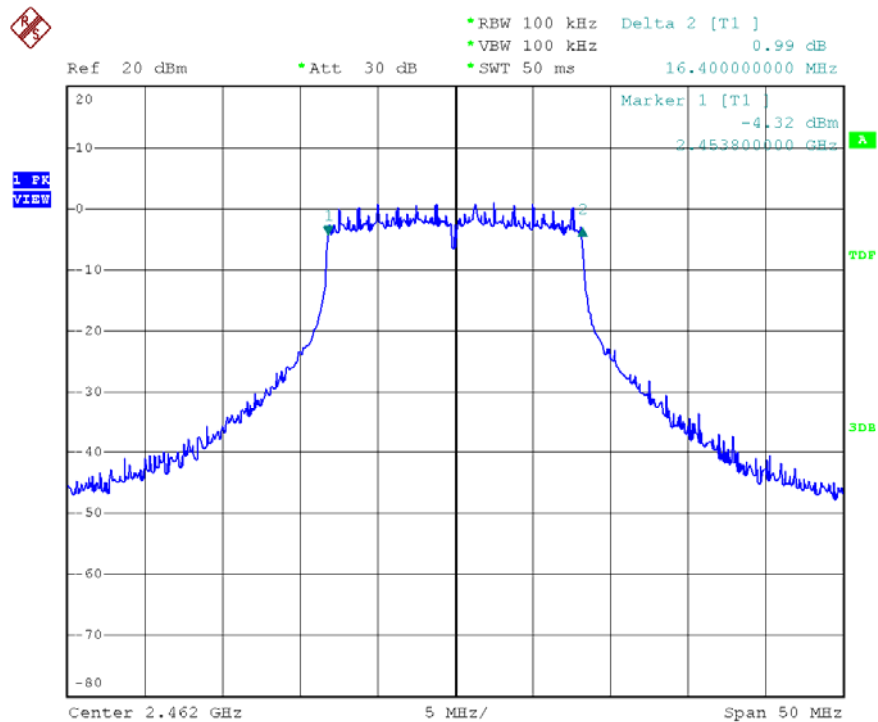




Modulation Standard: 802.11g (6Mbps) , ANT R
Channel: 06

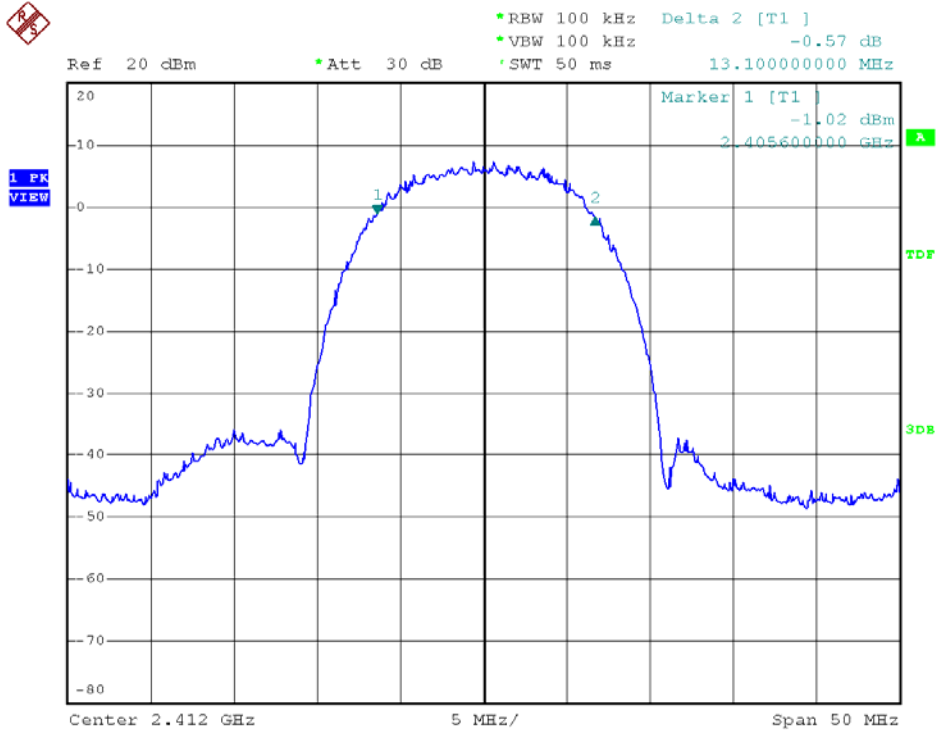


Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11

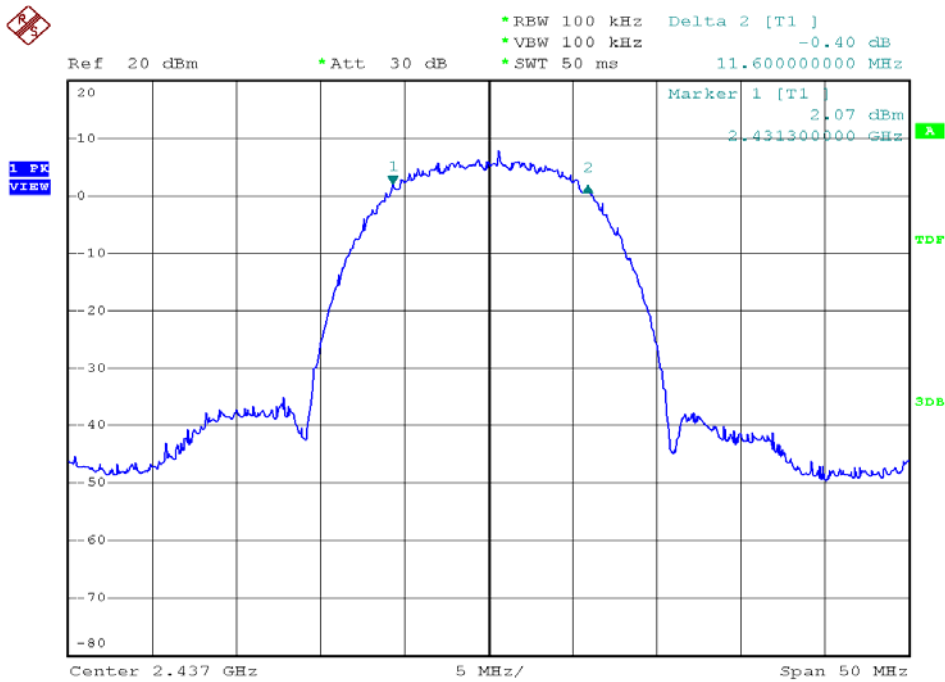




Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 01

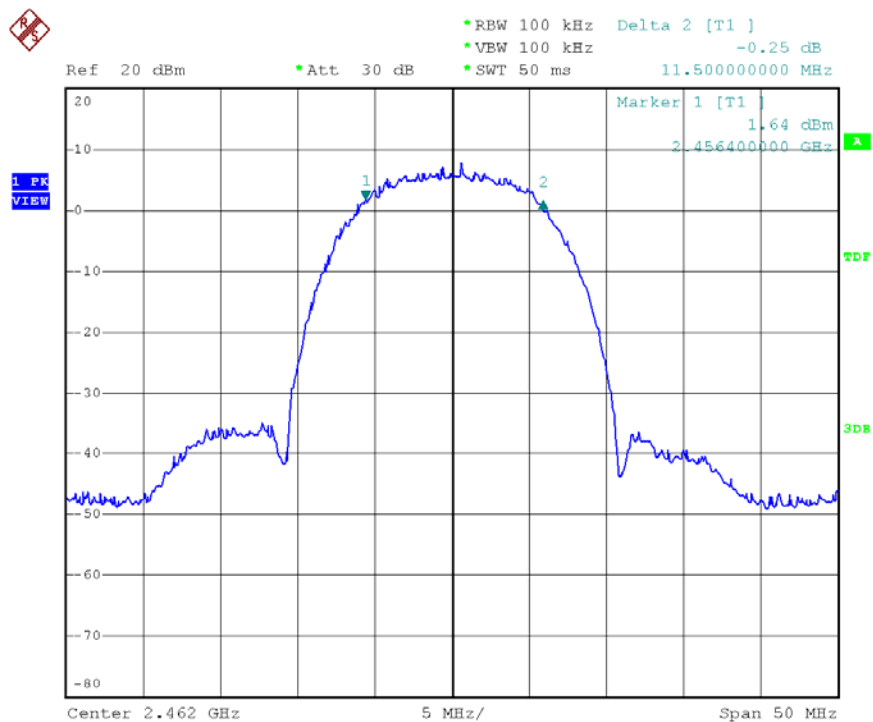


Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 06

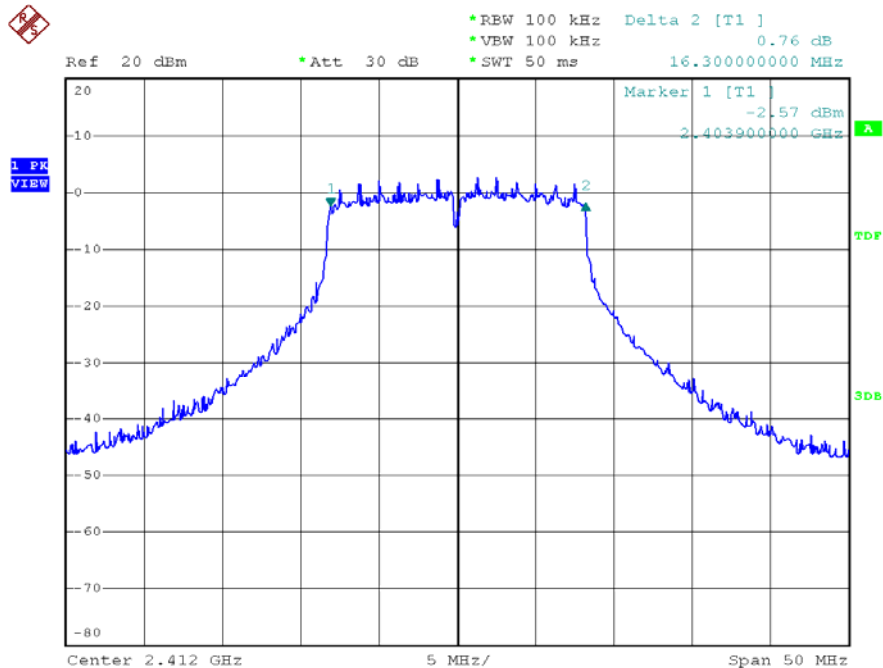




Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 11

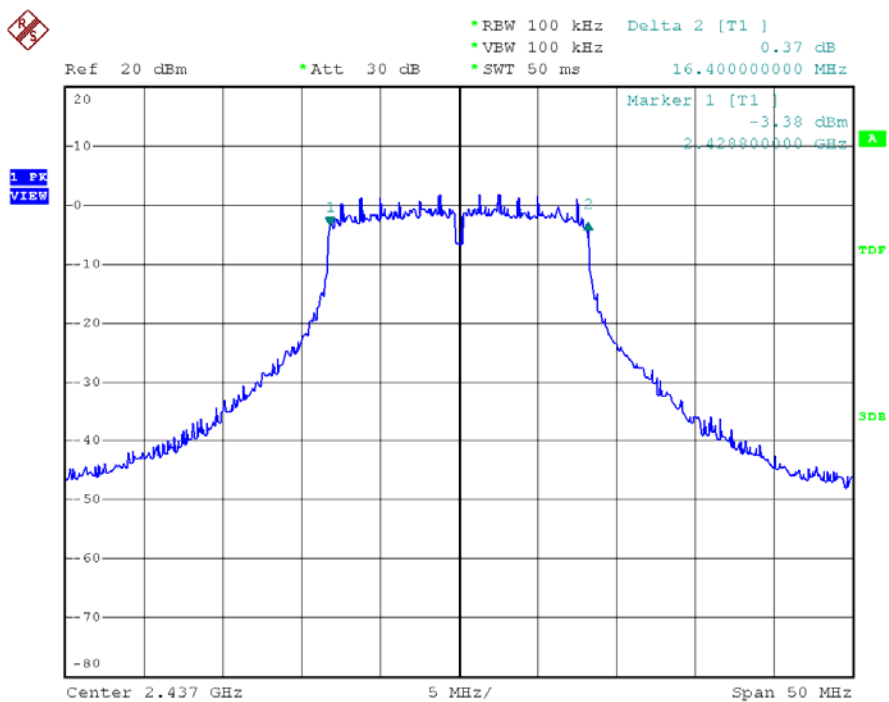


Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01

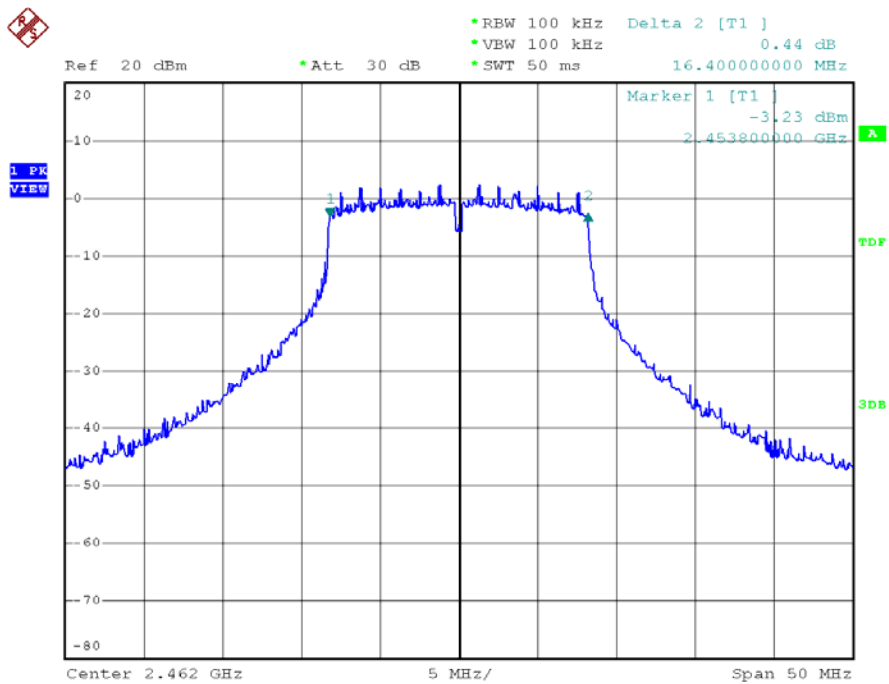




Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 06

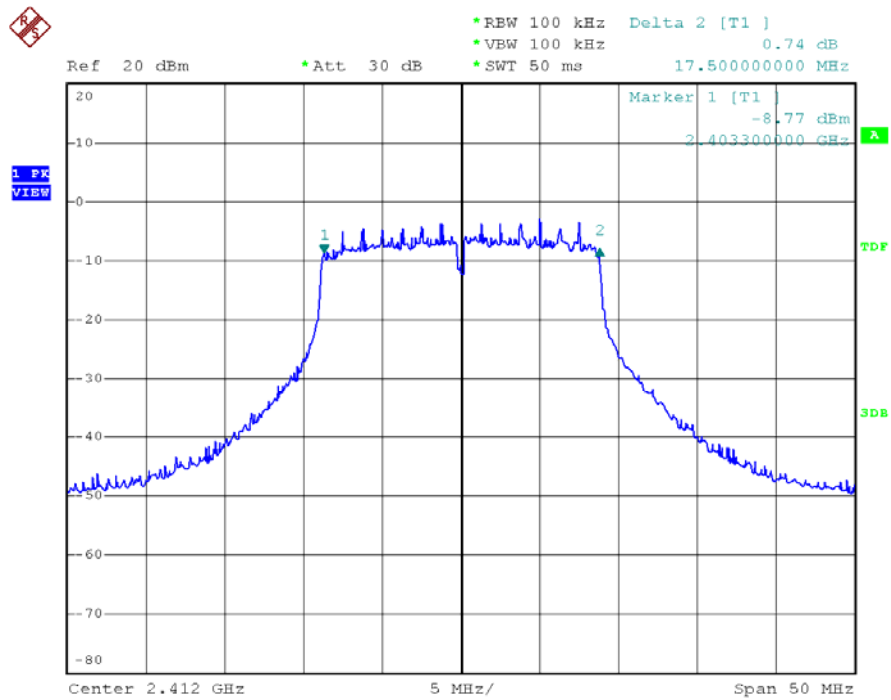


Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11

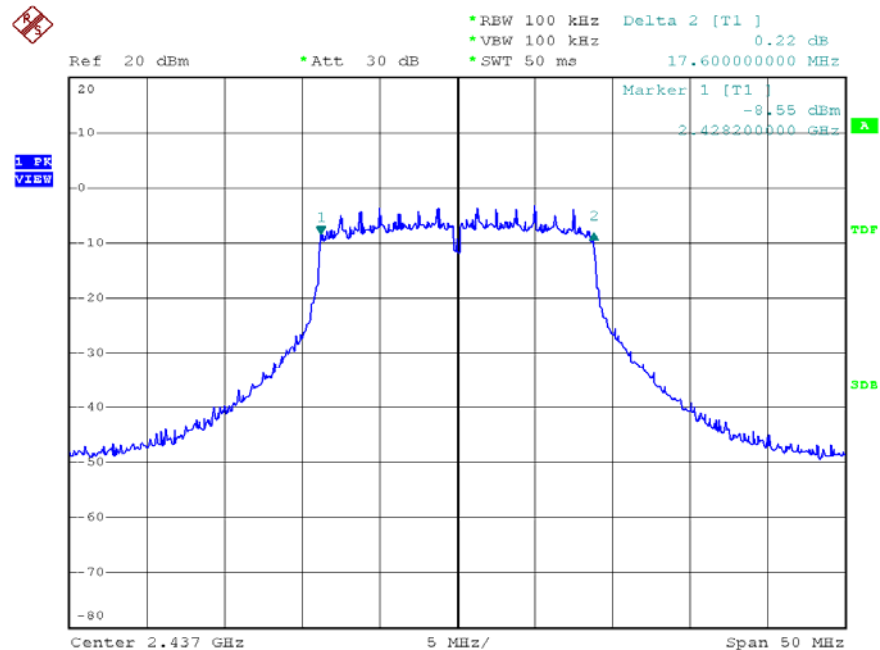




Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 01

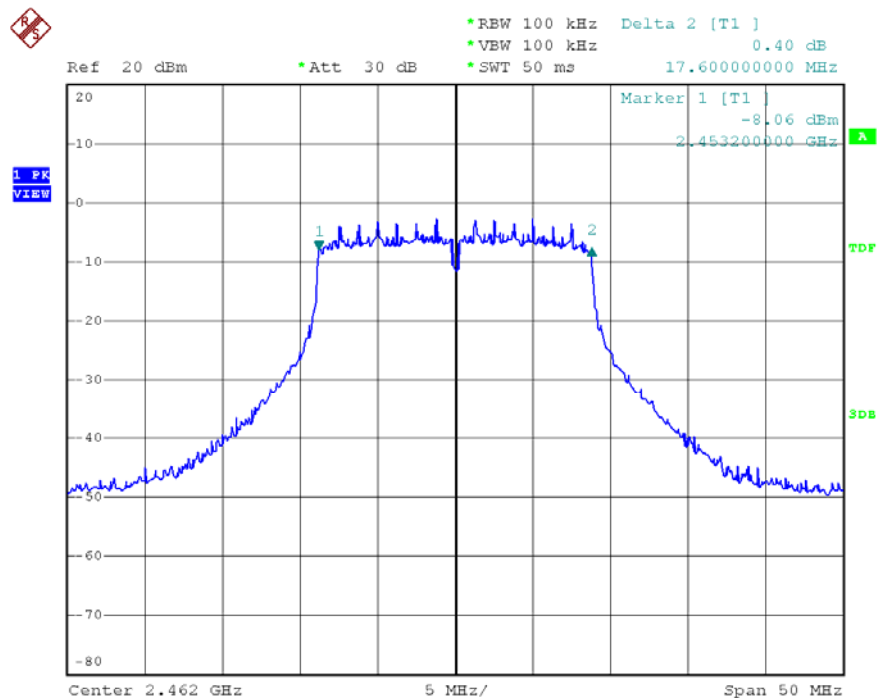


Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 06

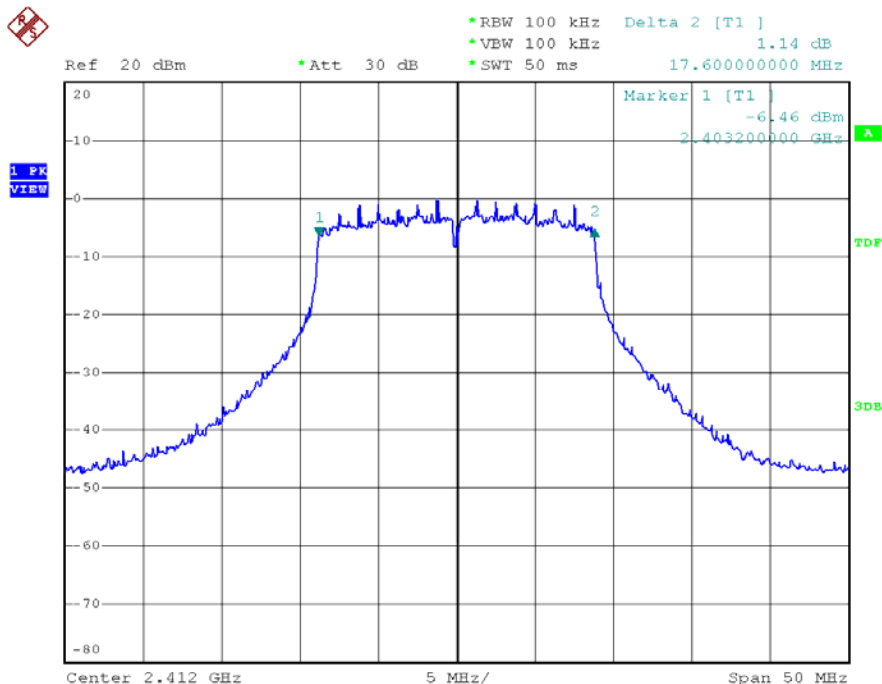




Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 11

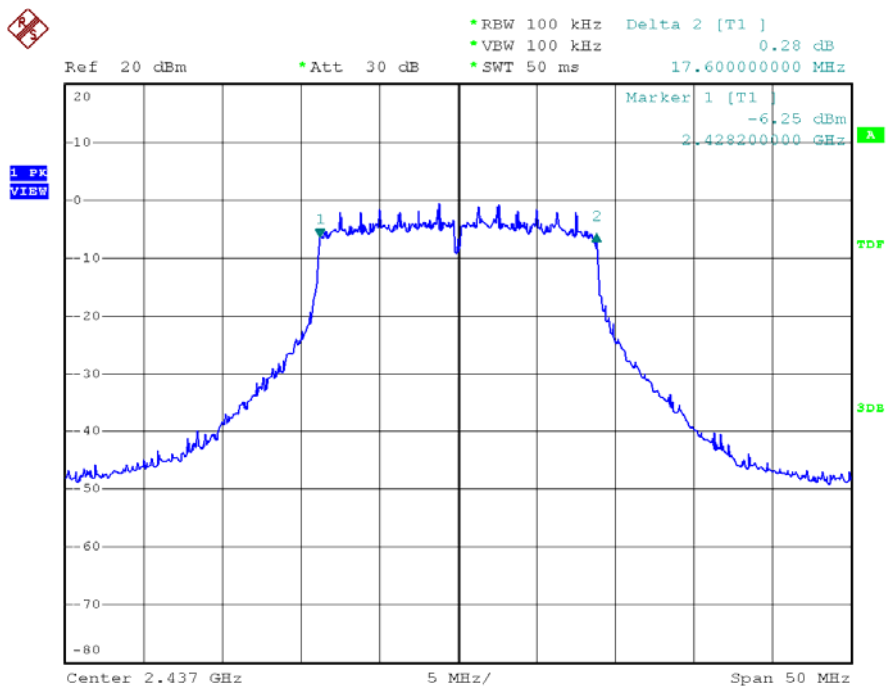


Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 01

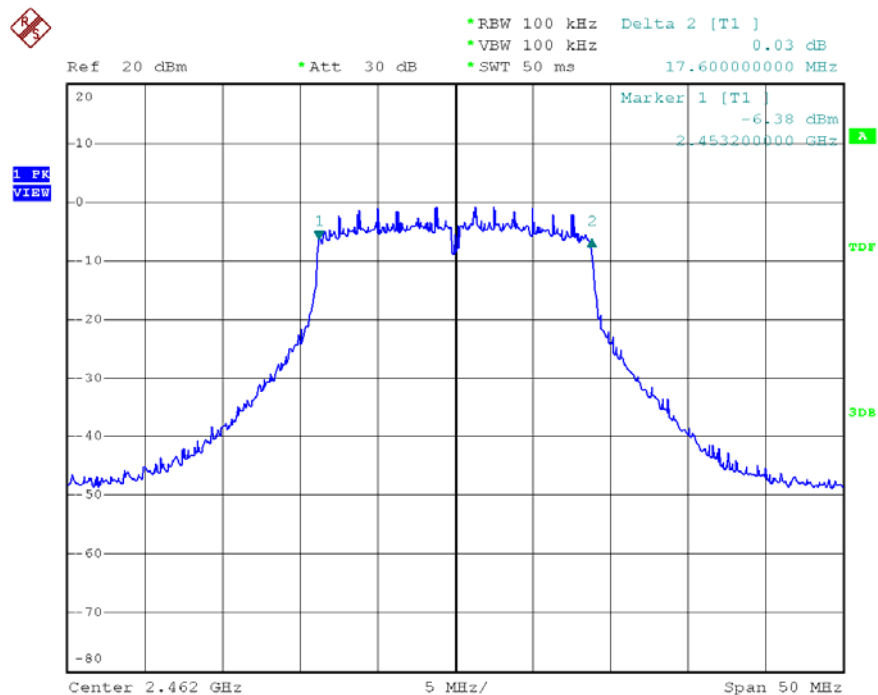




Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 06

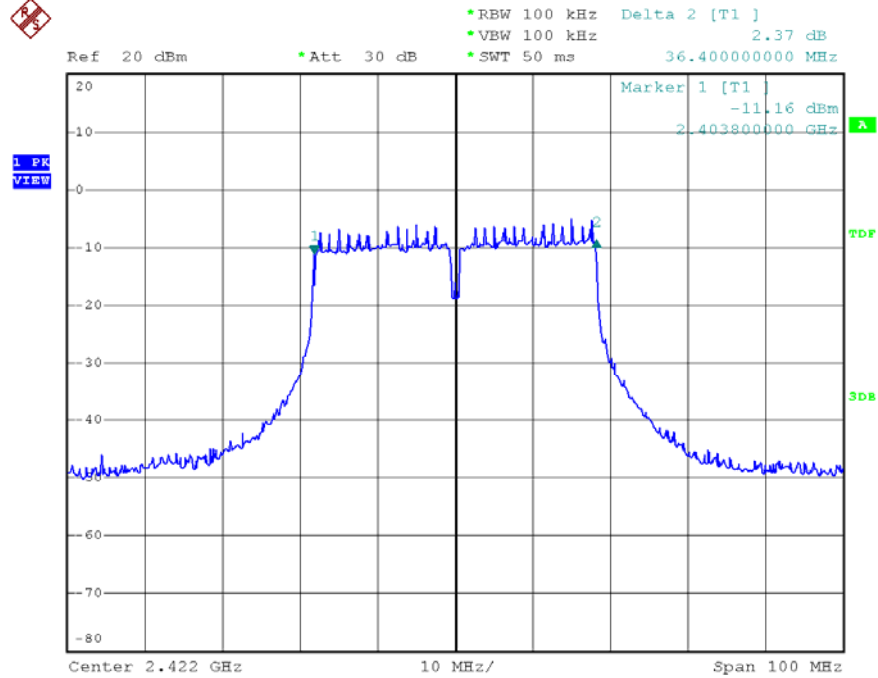


Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 11

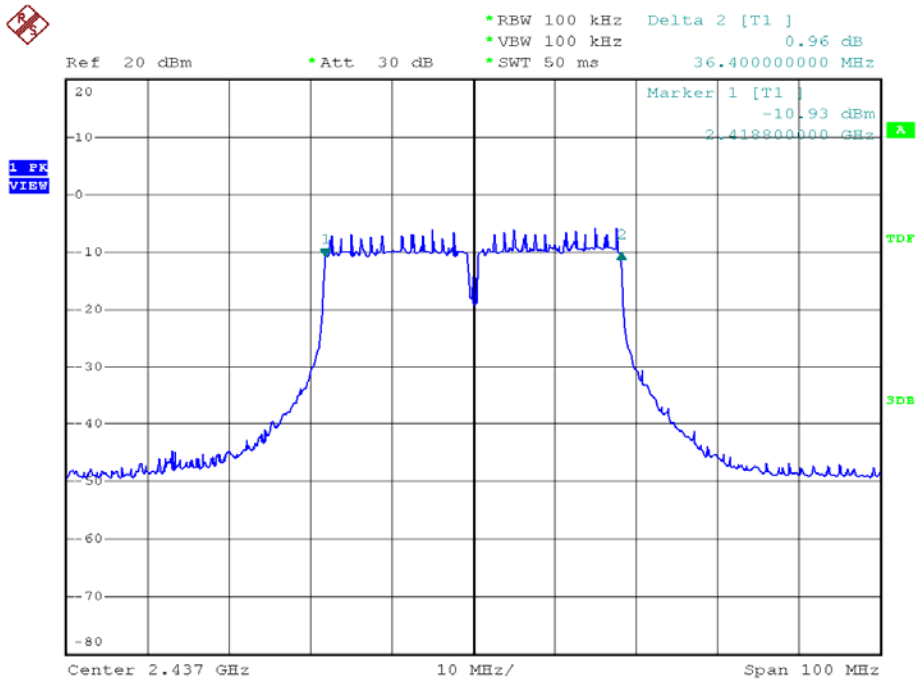




Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 03

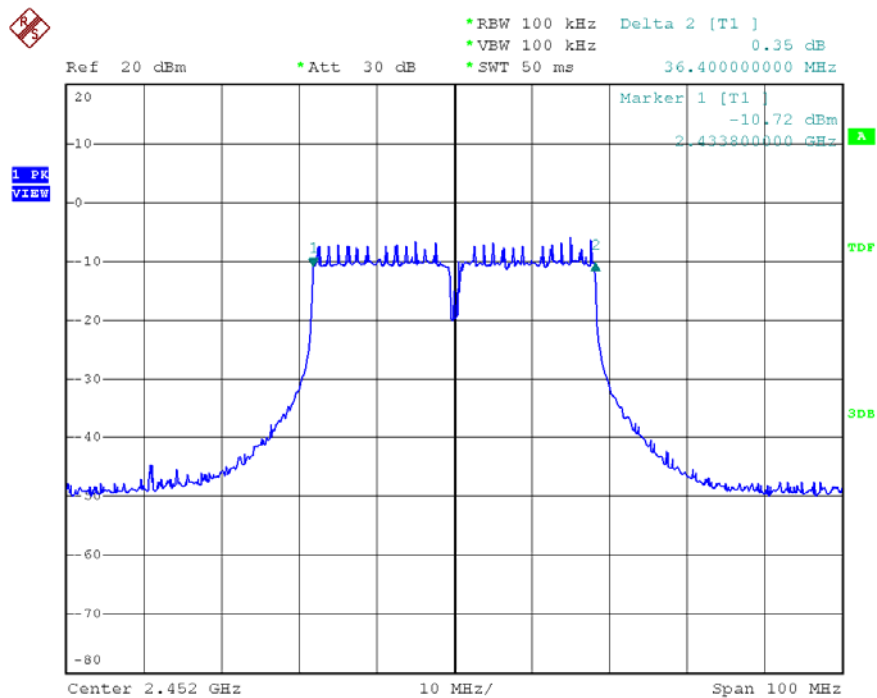


Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 06

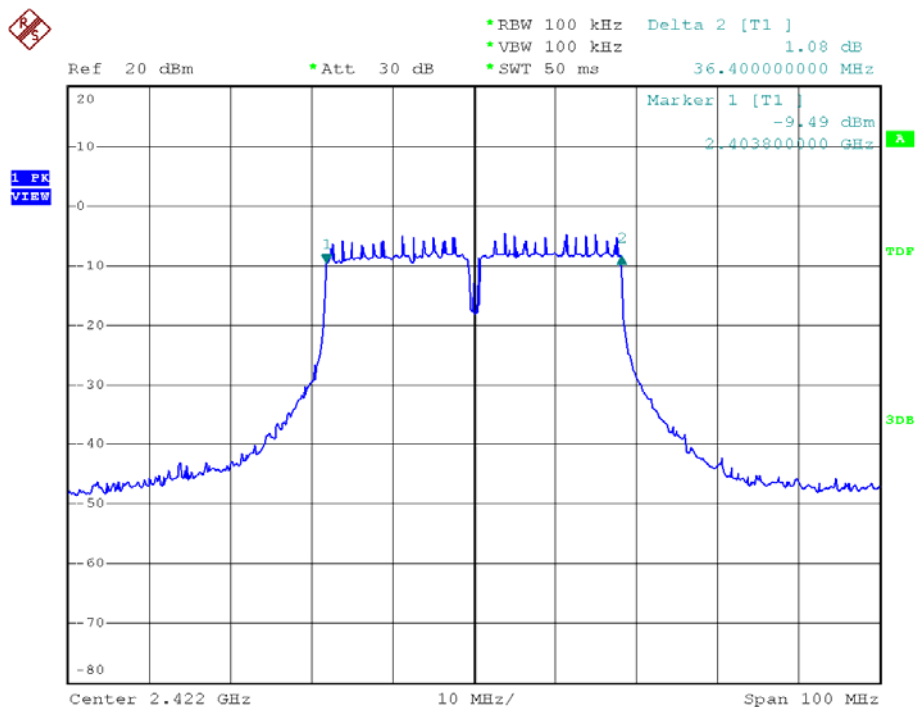




Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 09

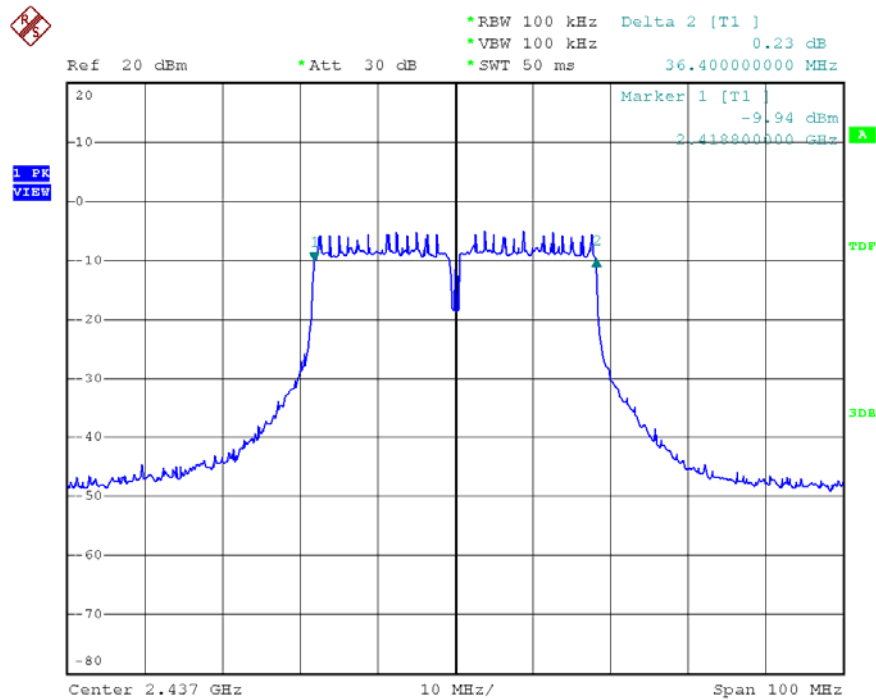


Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 03

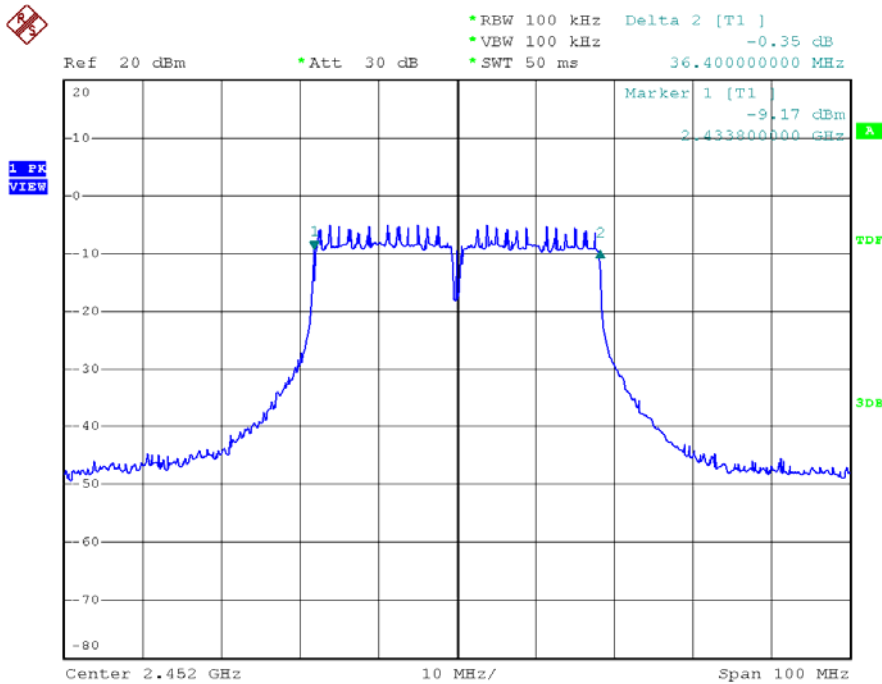




Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 06



Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 09





7. Maximum Peak Output Power

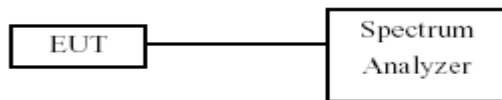
7.1 Test Limit

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: Jan. 03, 2009

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 60%

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	22.03	21.76	159.6	150.0
	06	2437	21.95	21.62	156.7	145.2
	11	2462	22.10	21.68	162.2	147.2
802.11g (6Mbps)	01	2412	21.14	21.06	130.0	127.6
	06	2437	21.13	21.06	129.7	127.6
	11	2462	21.08	21.20	128.2	131.8

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT R	ANT L	ANT R+L	ANT R+L
802.11n HT20 (6.5Mbps)	01	2412	18.02	18.20	21.12	129.46
	06	2437	18.01	18.01	21.02	126.48
	11	2462	18.10	18.02	21.07	127.95
802.11n HT40 (13.5Mbps)	03	2422	16.88	17.06	19.98	99.57
	06	2437	16.93	17.06	20.01	100.13
	09	2452	16.89	17.02	19.97	99.22