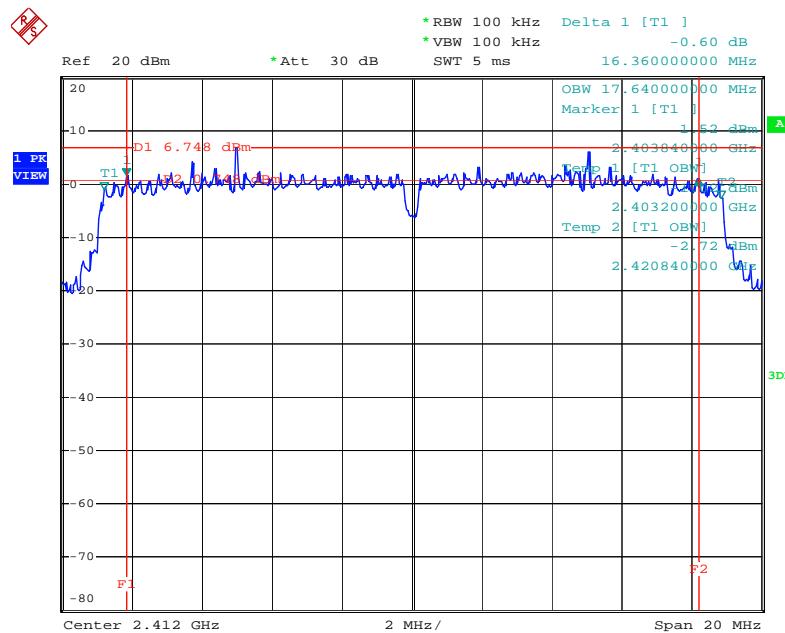


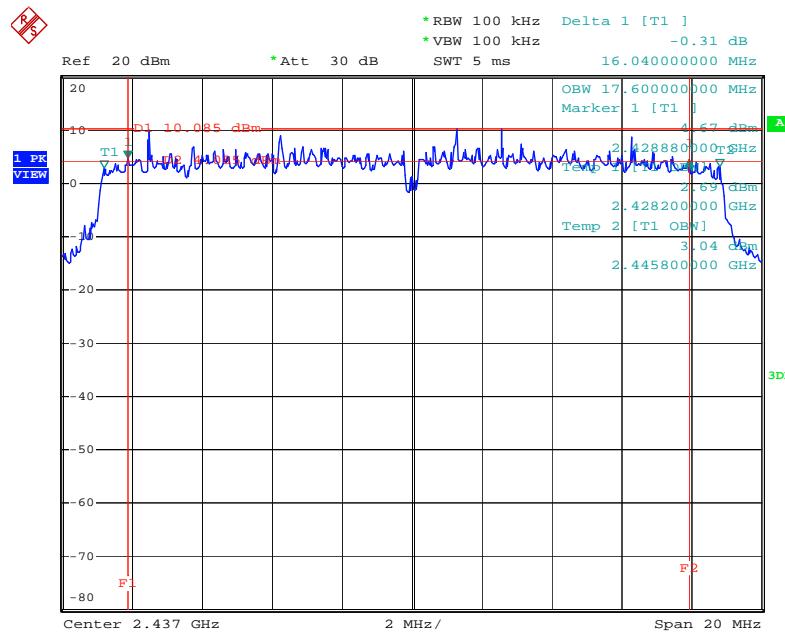
<For Antenna 1>:

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 1-1 + Ant. 1-3 / 2412 MHz



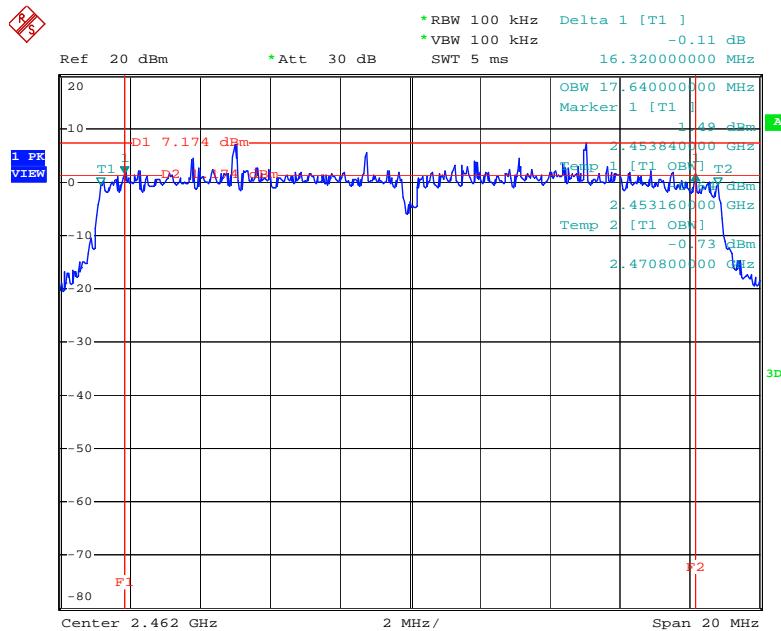
Date: 16.SEP.2009 10:18:19

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 1-1 + Ant. 1-3 / 2437 MHz



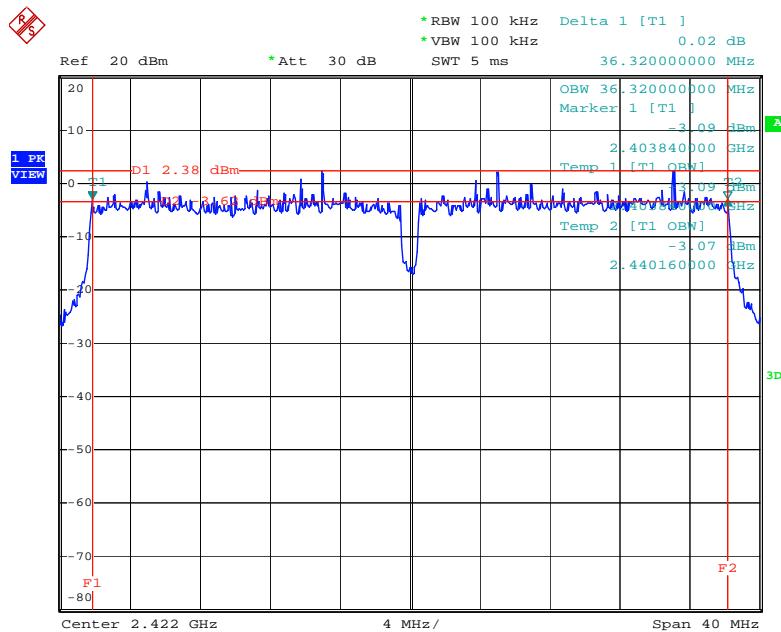
Date: 16.SEP.2009 10:20:28

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 1-1 + Ant. 1-3 / 2462 MHz



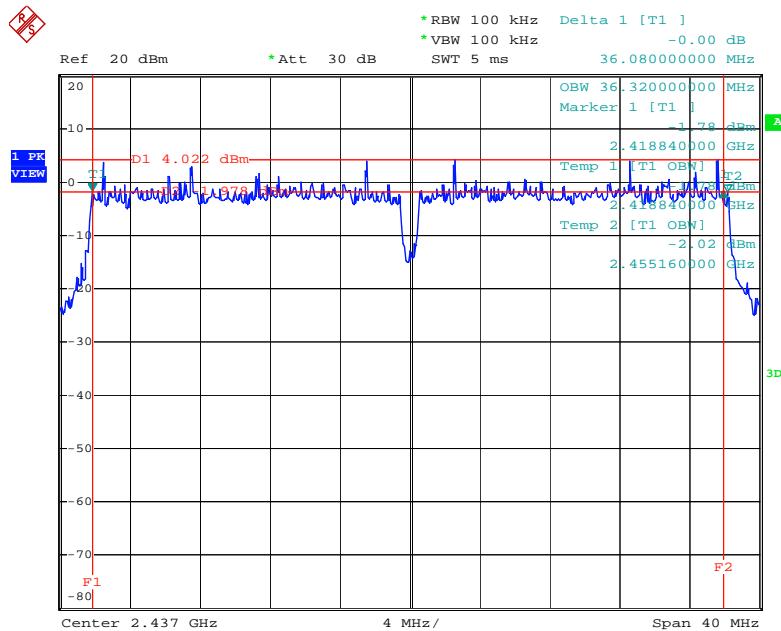
Date: 16.SEP.2009 10:26:33

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 1-1 + Ant. 1-3 / 2422 MHz



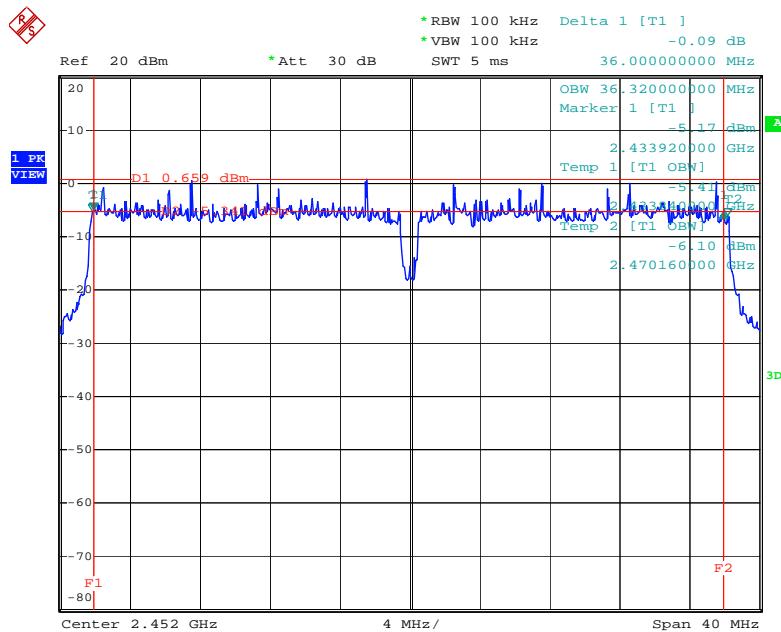
Date: 16.SEP.2009 10:52:51

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 1-1 + Ant. 1-3 / 2437 MHz



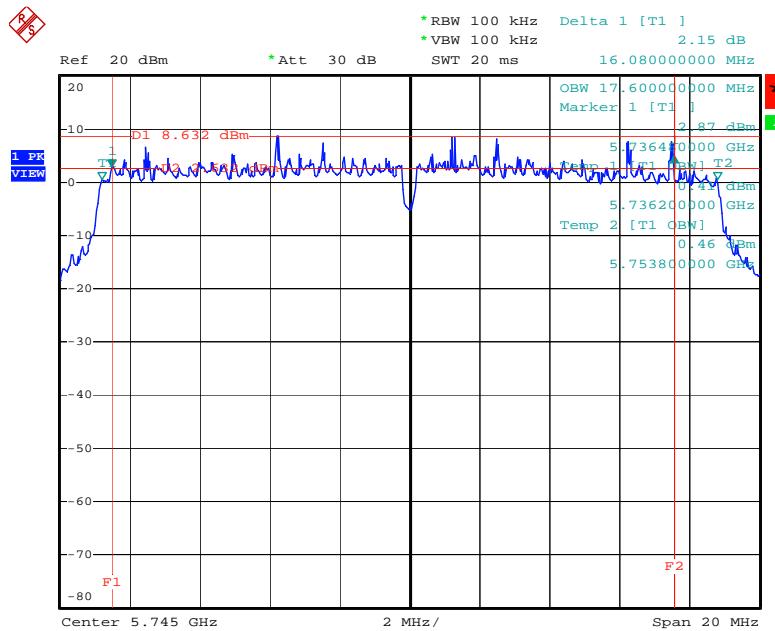
Date: 16.SEP.2009 10:43:19

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 1-1 + Ant. 1-3 / 2452 MHz



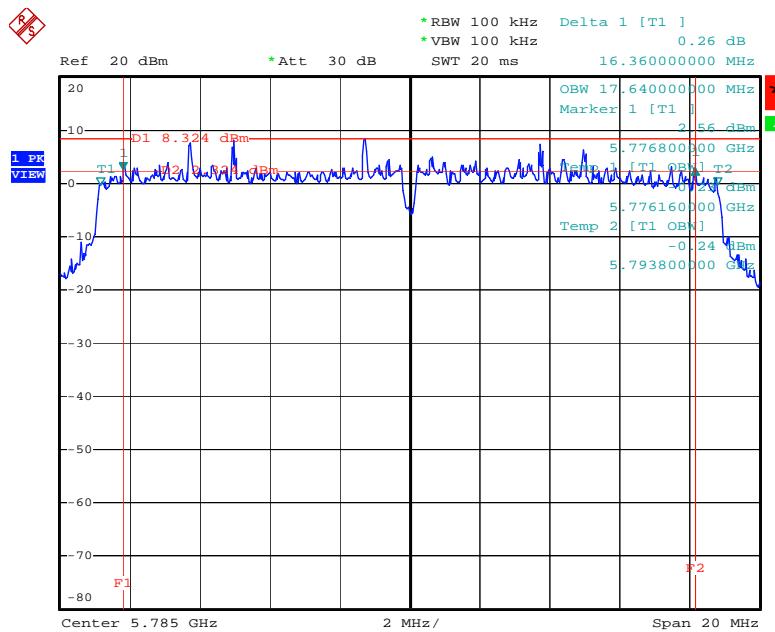
Date: 16.SEP.2009 10:35:00

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 1-1 + Ant. 1-3 / 5745 MHz



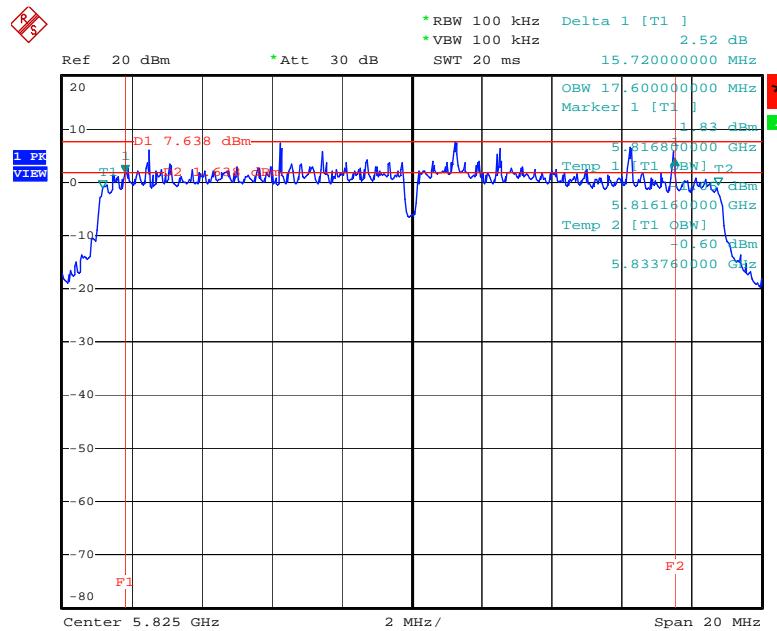
Date: 16.SEP.2009 18:16:56

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 1-1 + Ant. 1-3 / 5785MHz



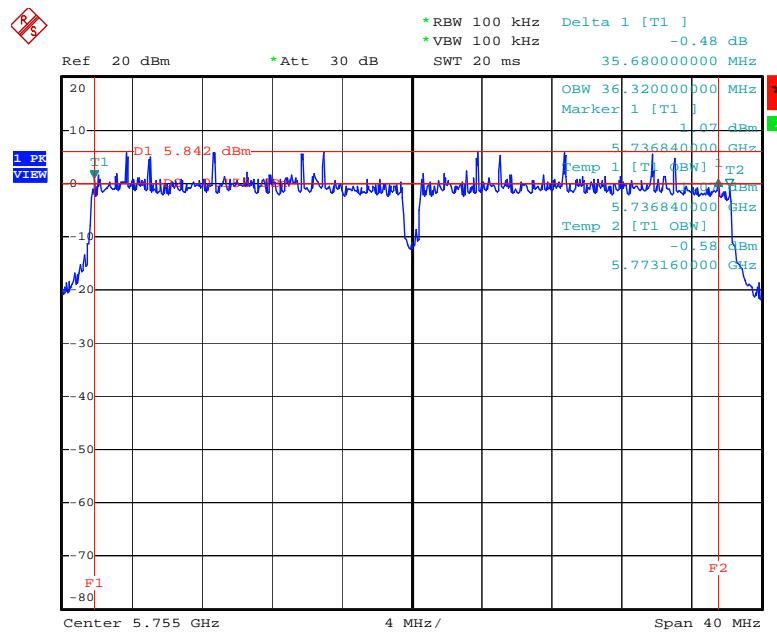
Date: 16.SEP.2009 18:14:20

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 1-1 + Ant. 1-3 / 5825 MHz



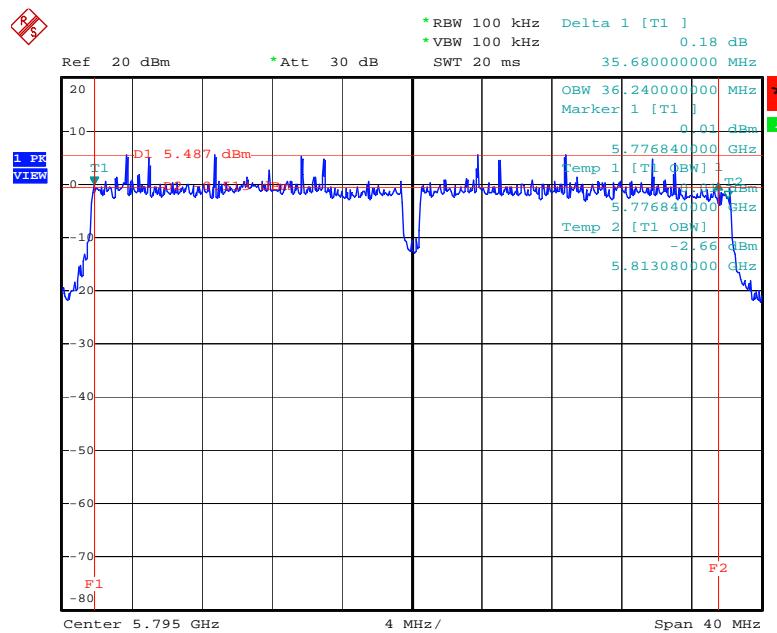
Date: 16.SEP.2009 18:12:07

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 1-1 + Ant. 1-3 / 5755MHz



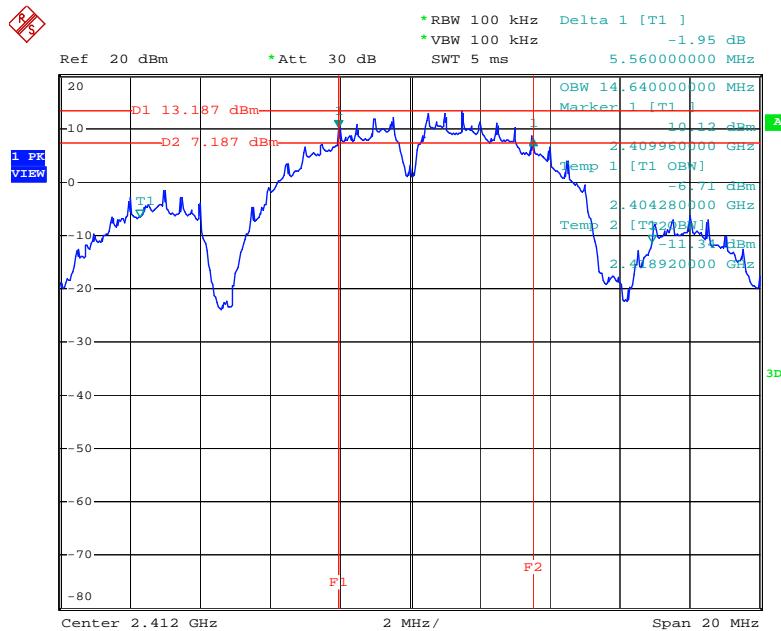
Date: 16.SEP.2009 19:18:54

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 1-1 + Ant. 1-3 / 5795 MHz



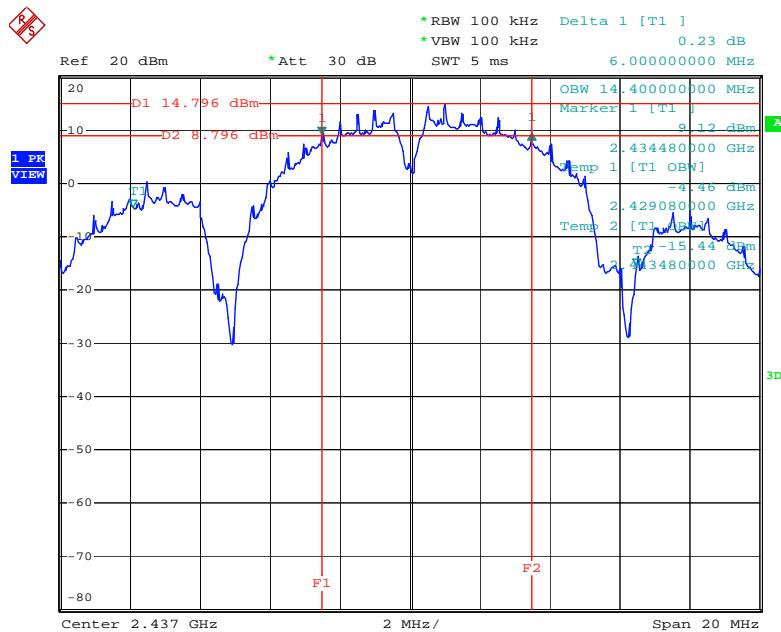
Date: 16.SEP.2009 19:22:20

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 1-1 + Ant. 1-3 / 2412 MHz



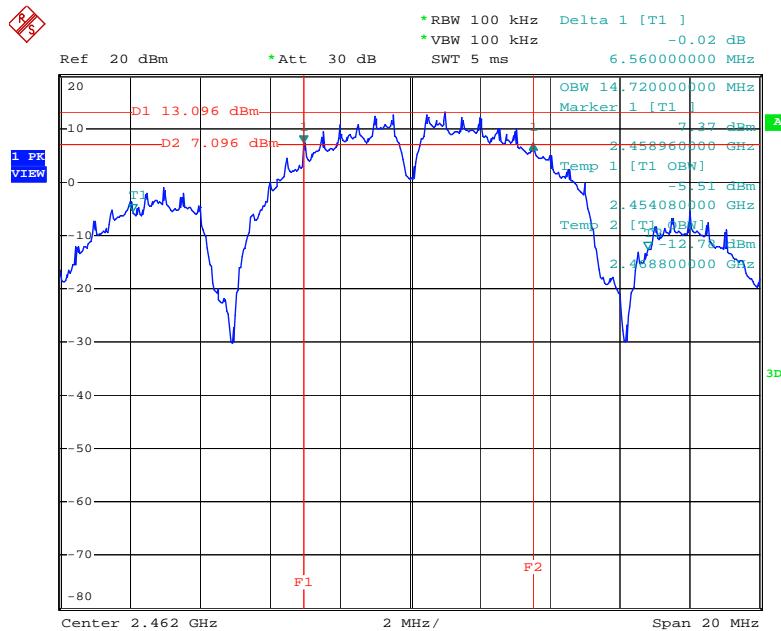
Date: 16.SEP.2009 09:19:05

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 1-1 + Ant. 1-3 / 2437 MHz



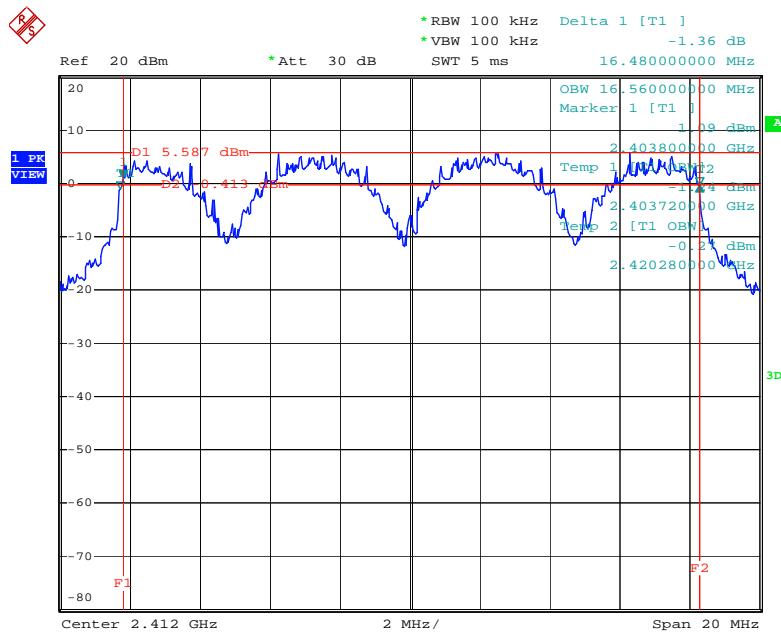
Date: 16.SEP.2009 09:34:02

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 1-1 + Ant. 1-3 / 2462 MHz



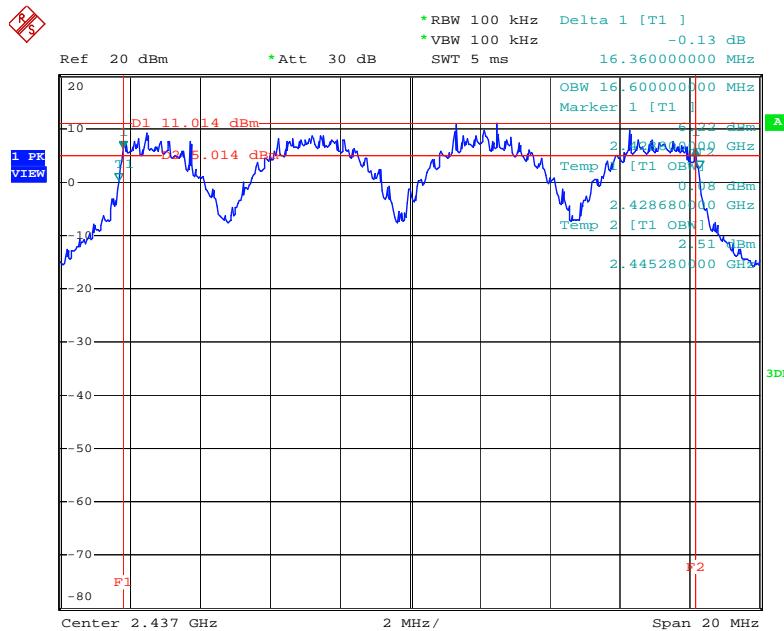
Date: 16.SEP.2009 09:39:42

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 1-1 + Ant. 1-3 / 2412 MHz



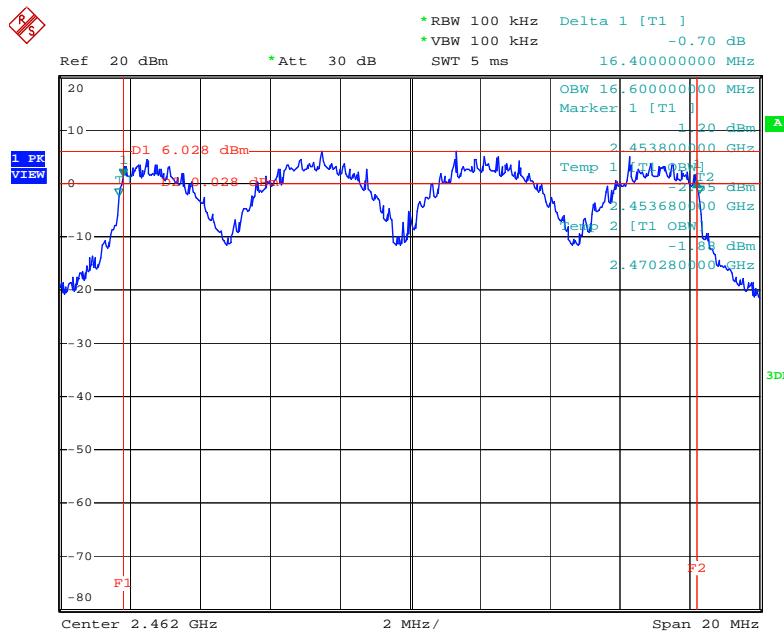
Date: 16.SEP.2009 10:03:56

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 1-1 + Ant. 1-3 / 2437 MHz



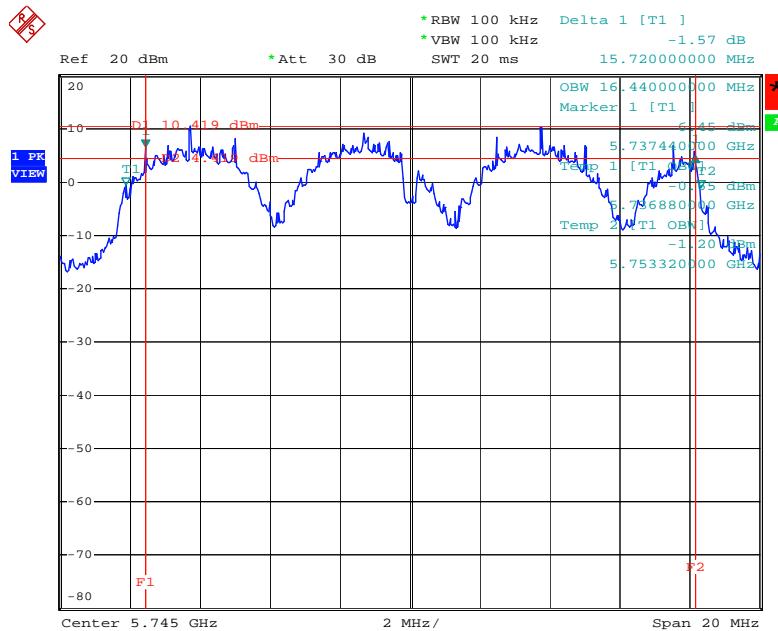
Date: 16.SEP.2009 09:56:45

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 1-1 + Ant. 1-3 / 2462 MHz



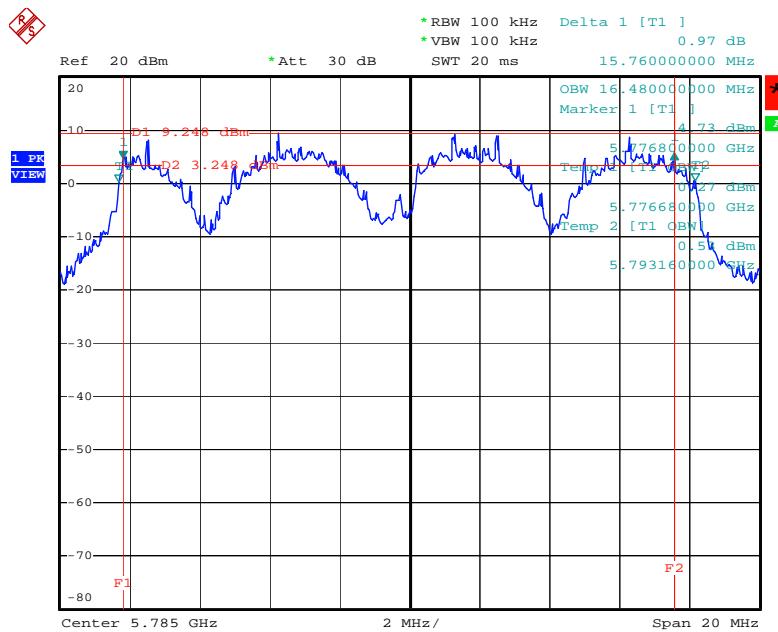
Date: 16.SEP.2009 09:49:51

6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 1-1 + Ant. 1-3 / 5745 MHz



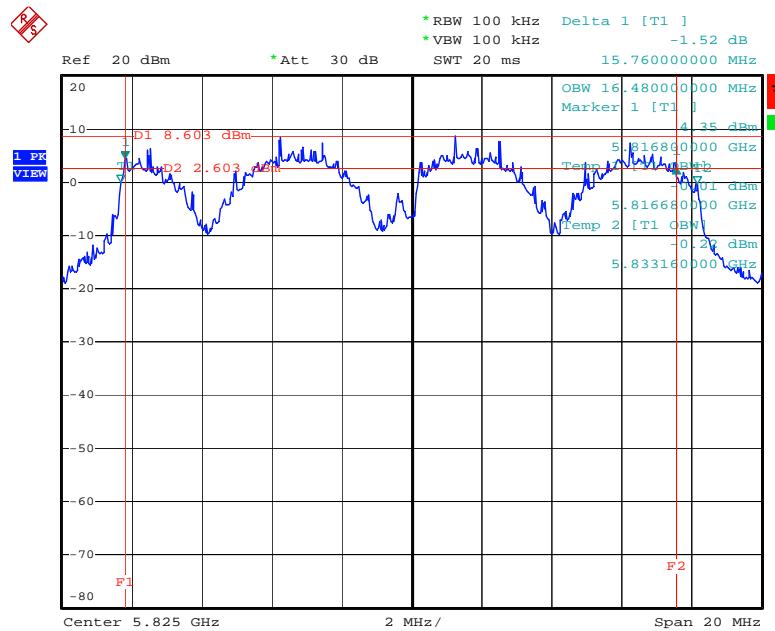
Date: 16.SEP.2009 22:24:30

6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 1-1 + Ant. 1-3 / 5785 MHz



Date: 16.SEP.2009 18:07:09

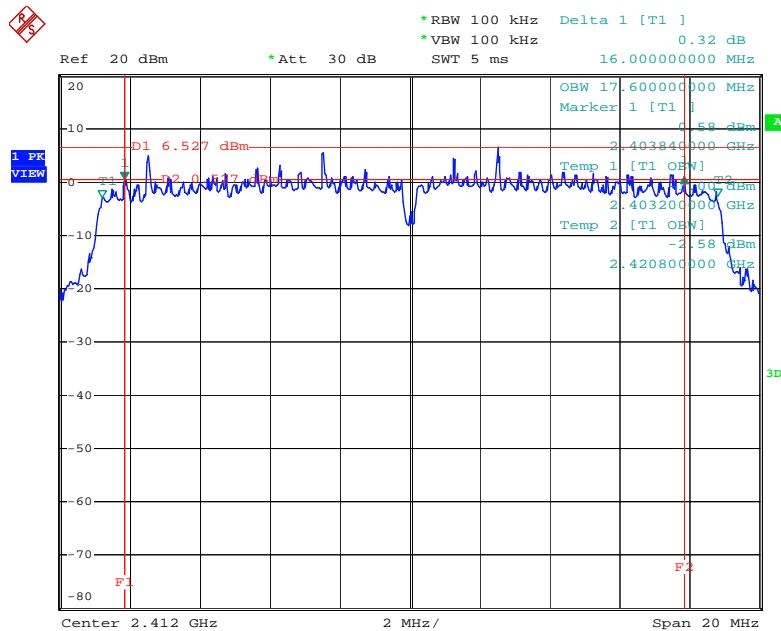
### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 1-1 + Ant. 1-3 / 5825 MHz



Date: 16.SEP.2009 18:09:00

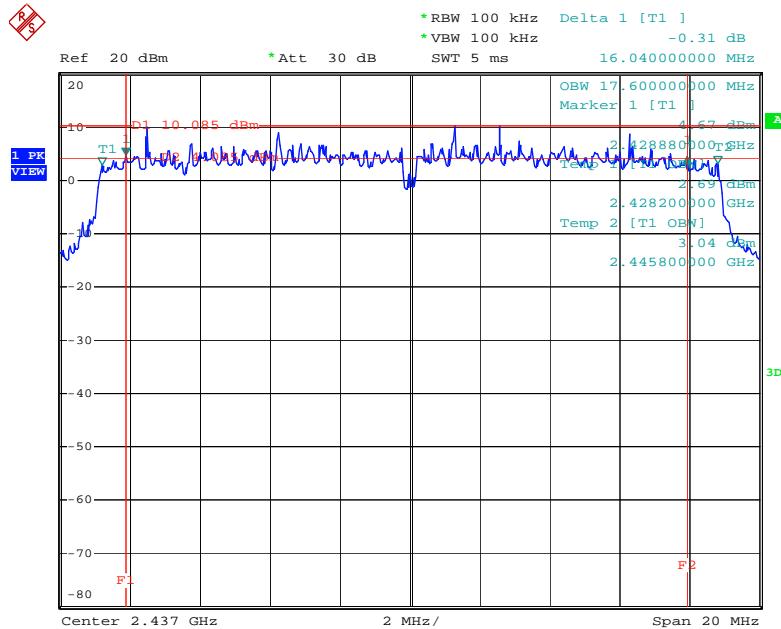
<For Antenna 2>:

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 2-1 + Ant. 2-3 / 2412 MHz



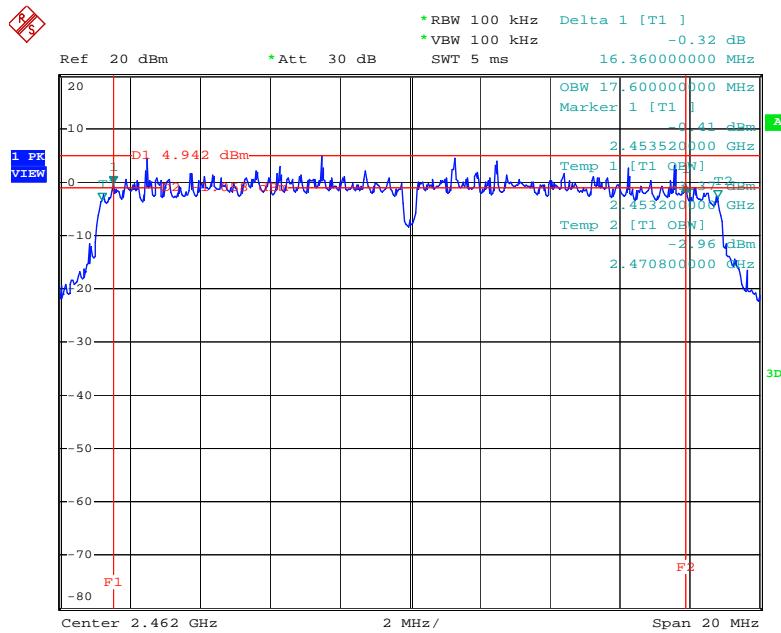
Date: 16.SEP.2009 10:16:25

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 2-1 + Ant. 2-3 / 2437 MHz



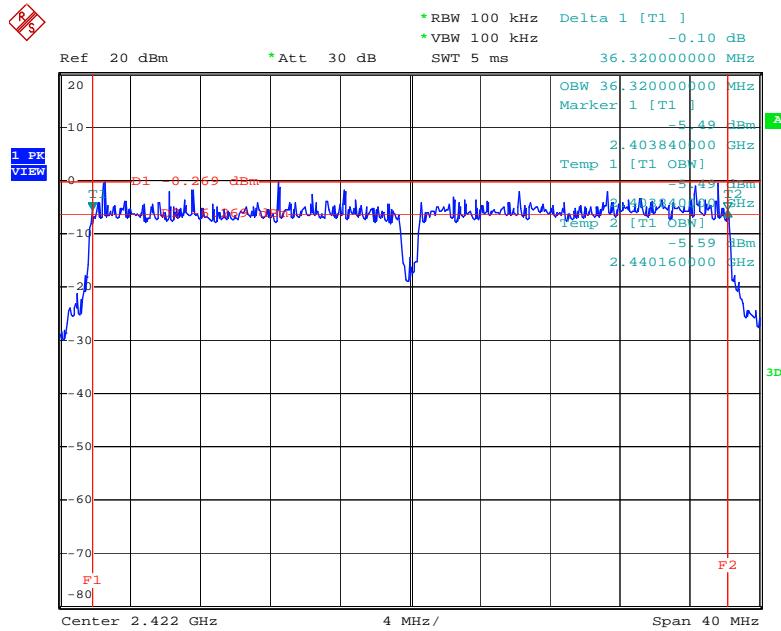
Date: 16.SEP.2009 10:20:28

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 2-1 + Ant. 2-3 / 2462 MHz



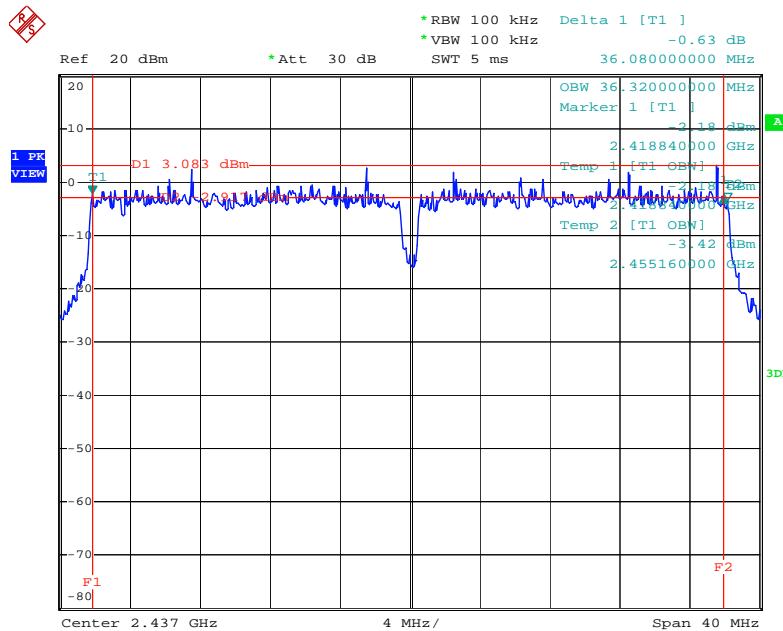
Date: 16.SEP.2009 10:27:30

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 2-1 + Ant. 2-3 / 2422 MHz



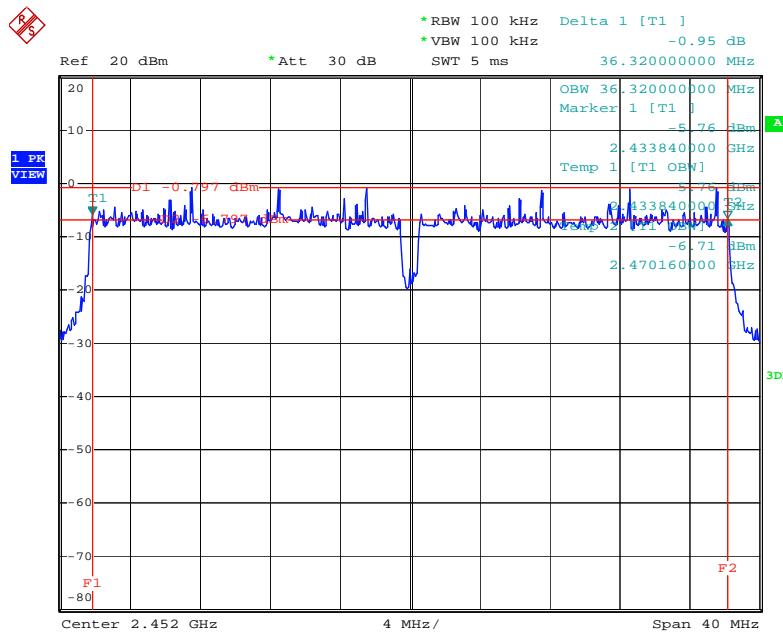
Date: 16.SEP.2009 10:54:04

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 2-1 + Ant. 2-3 / 2437 MHz



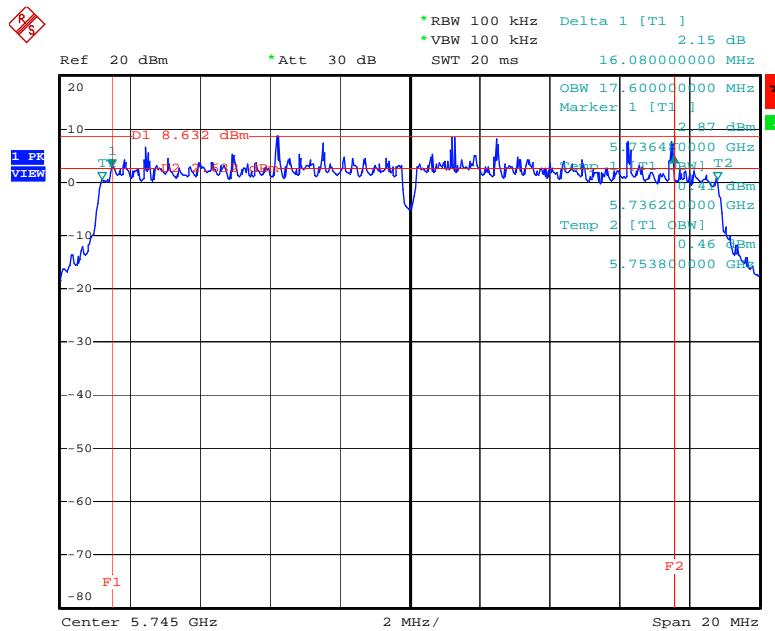
Date: 16.SEP.2009 10:45:33

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 2-1 + Ant. 2-3 / 2452 MHz



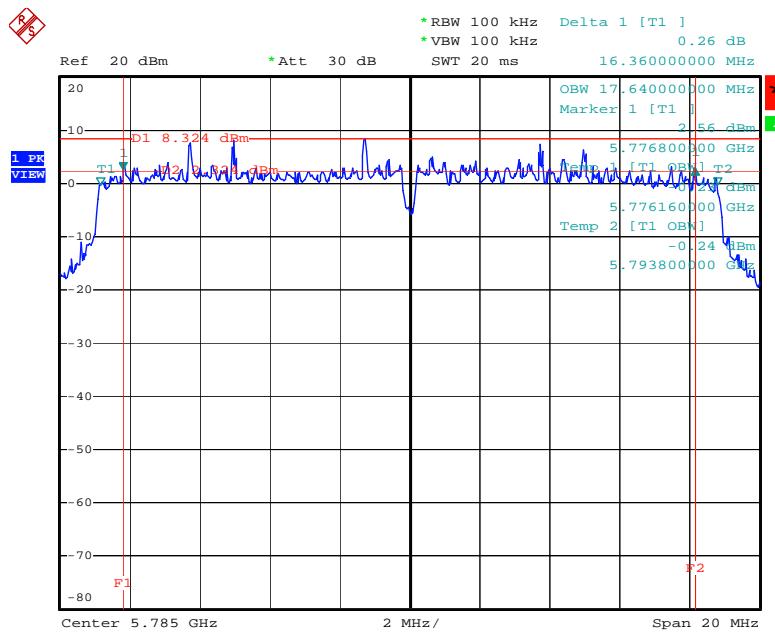
Date: 16.SEP.2009 10:36:44

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 2-1 + Ant. 2-3 / 5745 MHz



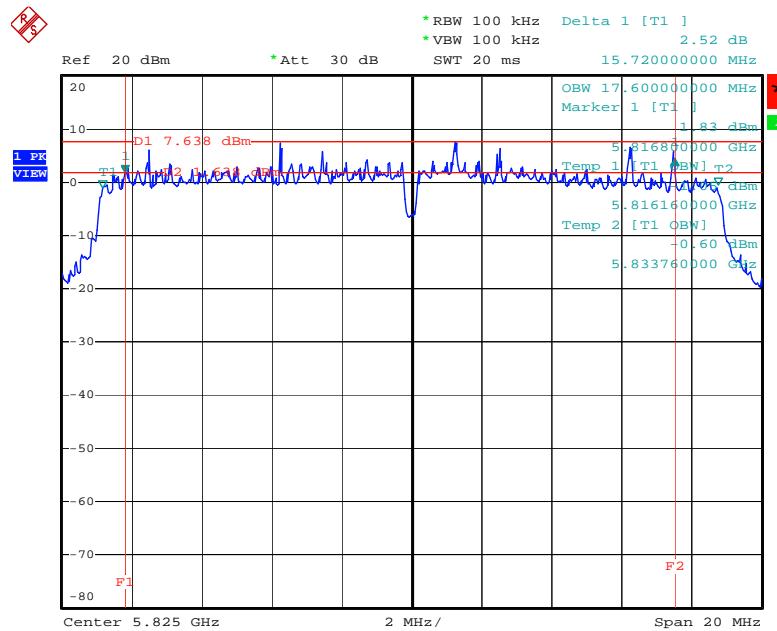
Date: 16.SEP.2009 18:16:56

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 2-1 + Ant. 2-3 / 5785MHz



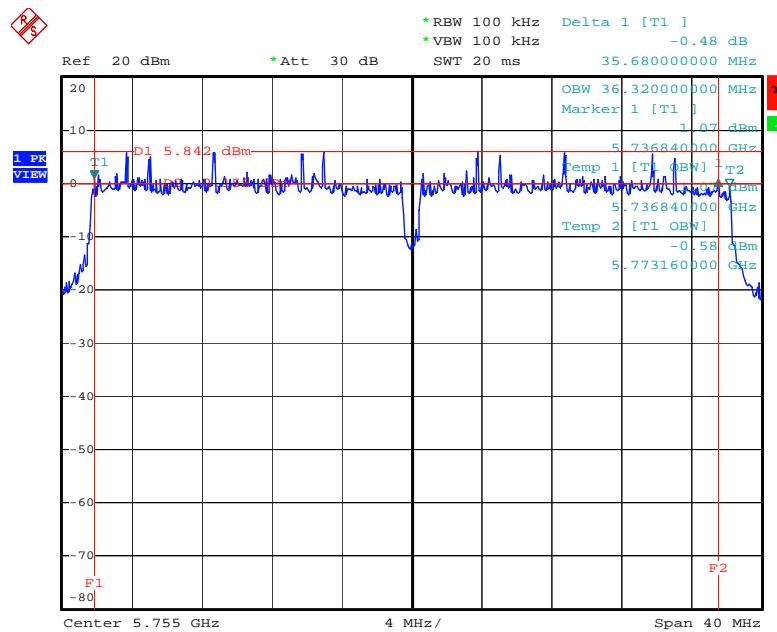
Date: 16.SEP.2009 18:14:20

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 2-1 + Ant. 2-3 / 5825 MHz



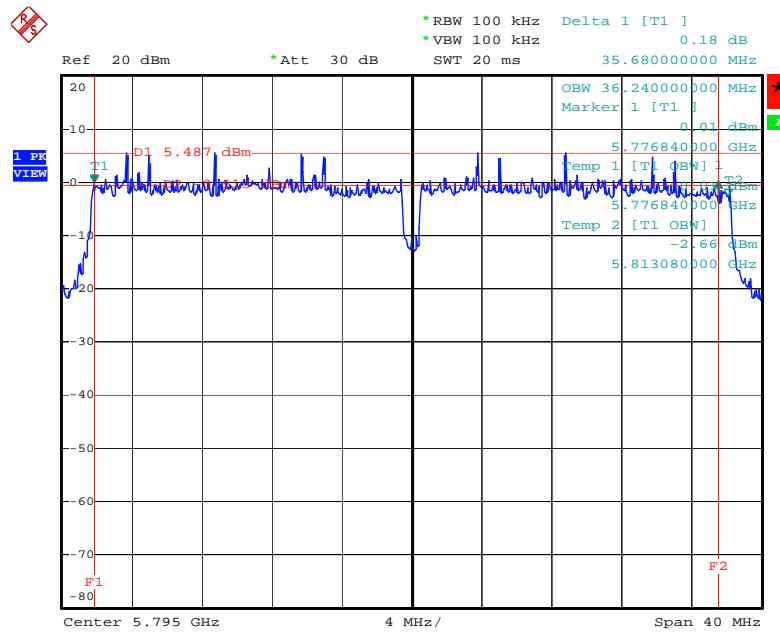
Date: 16.SEP.2009 18:12:07

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 2-1 + Ant. 2-3 / 5755MHz



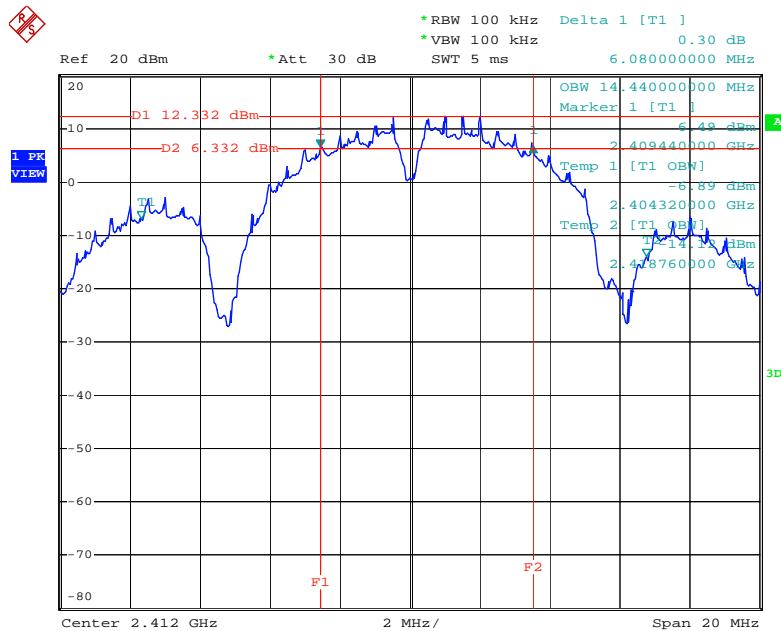
Date: 16.SEP.2009 19:18:54

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 2-1 + Ant. 2-3 / 5795 MHz



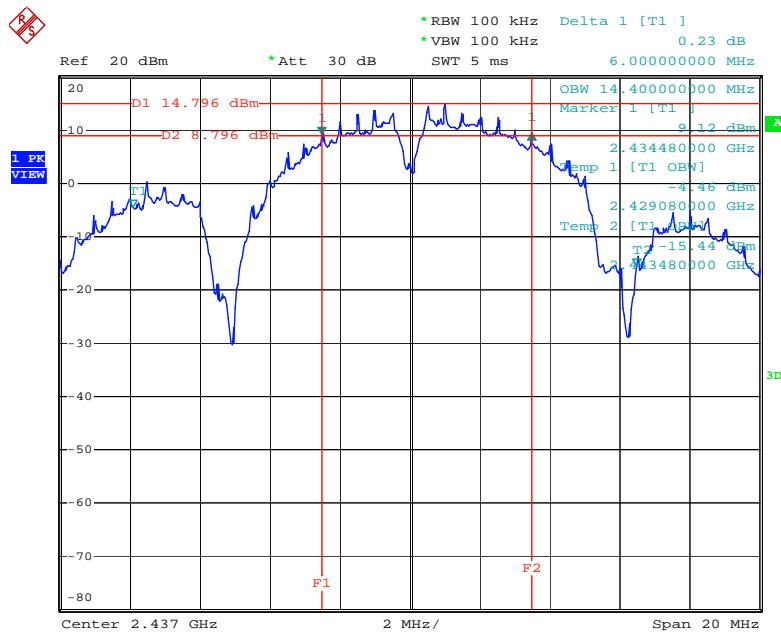
Date: 16.SEP.2009 19:22:20

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 2-1 + Ant. 2-3 / 2412 MHz



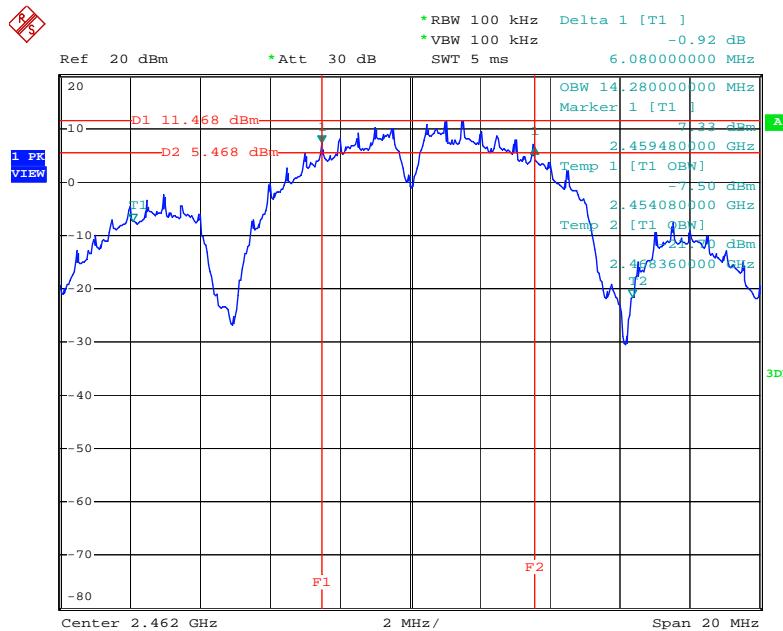
Date: 16.SEP.2009 09:20:44

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 2-1 + Ant. 2-3 / 2437 MHz



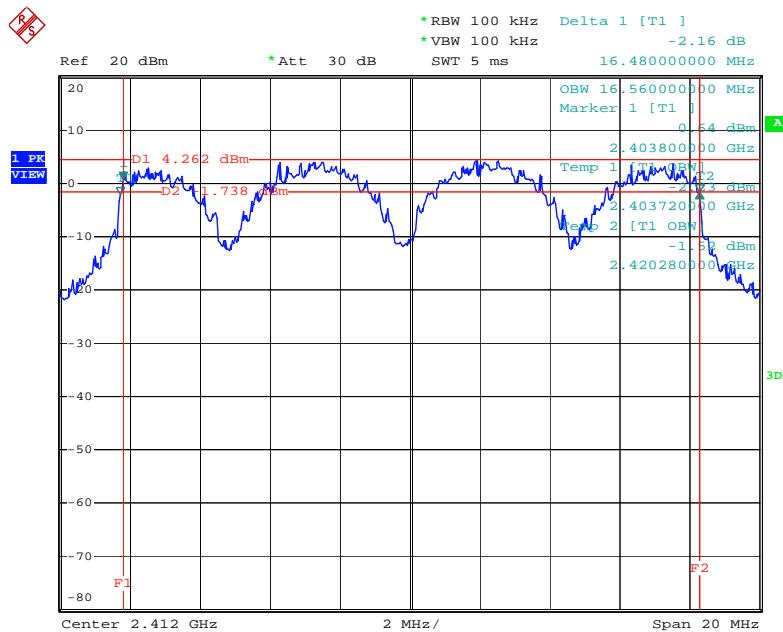
Date: 16.SEP.2009 09:34:02

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 2-1 + Ant. 2-3 / 2462 MHz



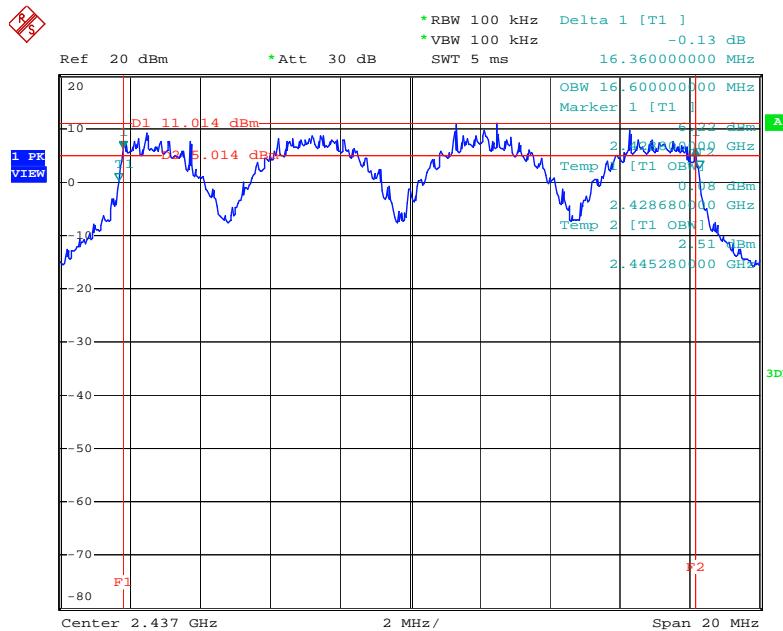
Date: 16.SEP.2009 09:42:02

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 2-1 + Ant. 2-3 / 2412 MHz



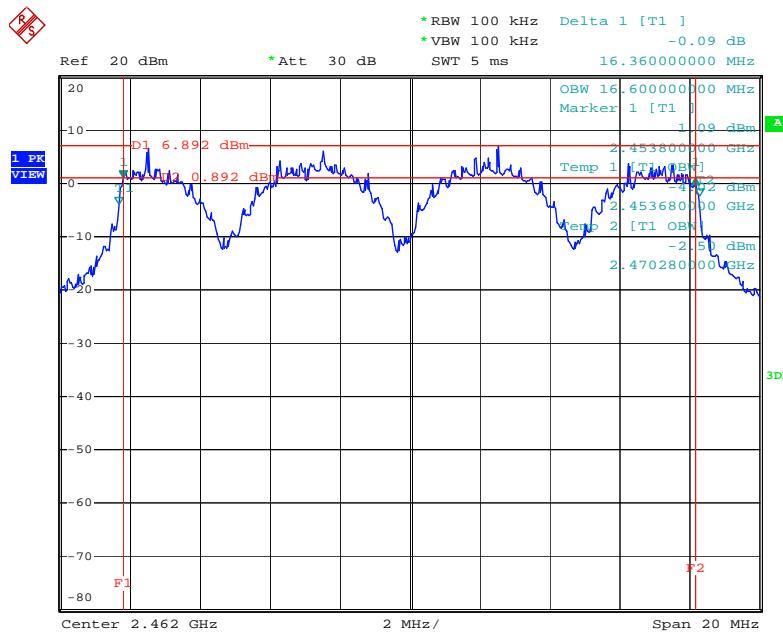
Date: 16.SEP.2009 10:04:42

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 2-1 + Ant. 2-3 / 2437 MHz



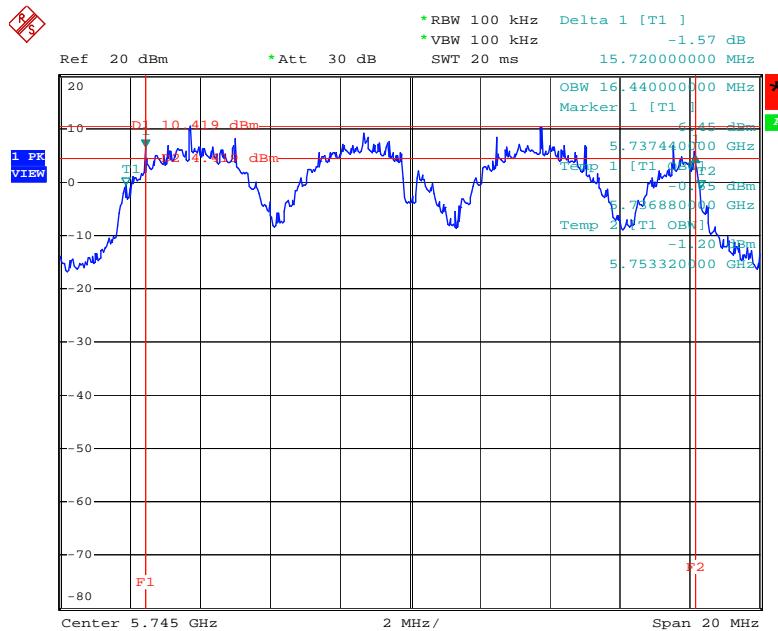
Date: 16.SEP.2009 09:56:45

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 2-1 + Ant. 2-3 / 2462 MHz



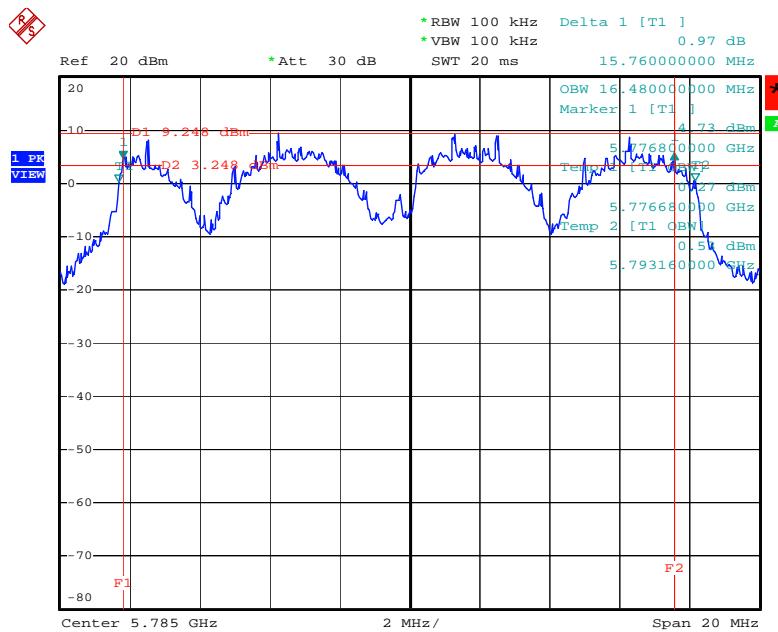
Date: 16.SEP.2009 09:50:37

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 2-1 + Ant. 2-3 / 5745 MHz



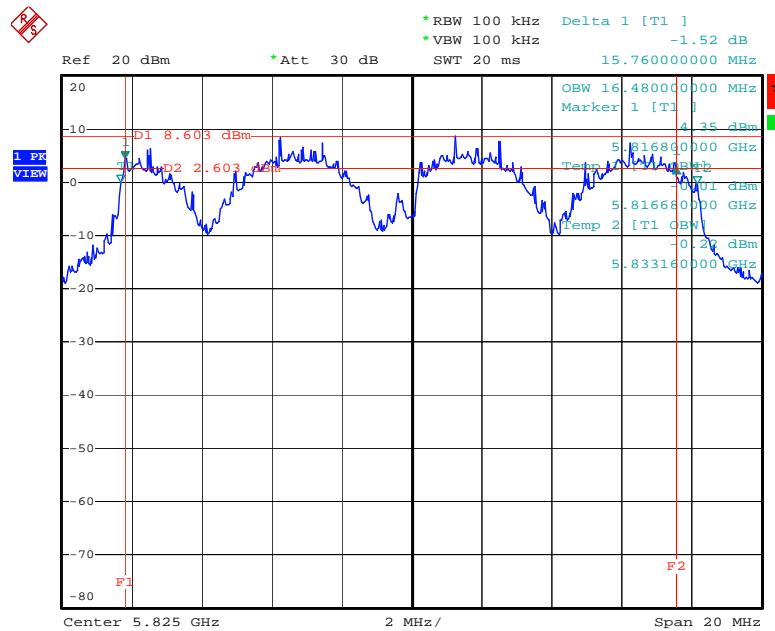
Date: 16.SEP.2009 22:24:30

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 2-1 + Ant. 2-3 / 5785 MHz



Date: 16.SEP.2009 18:07:09

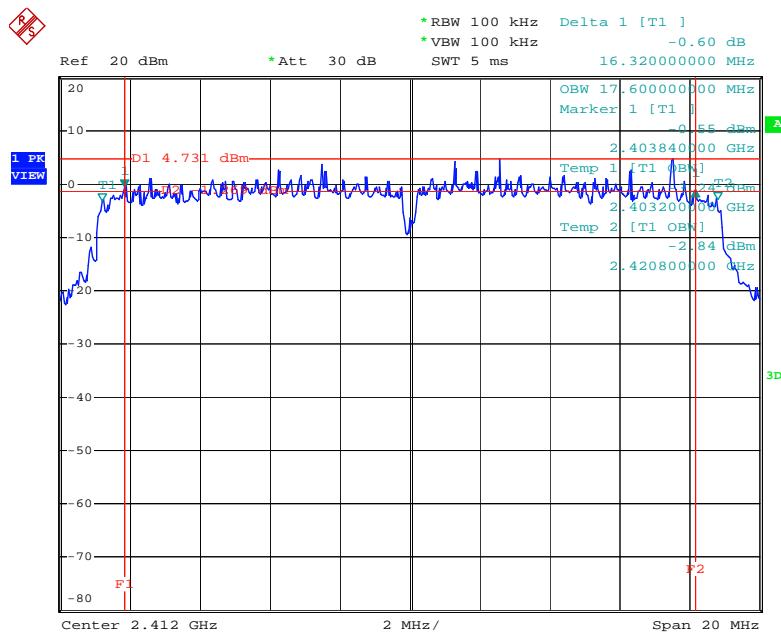
### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 2-1 + Ant. 2-3 / 5825 MHz



Date: 16.SEP.2009 18:09:00

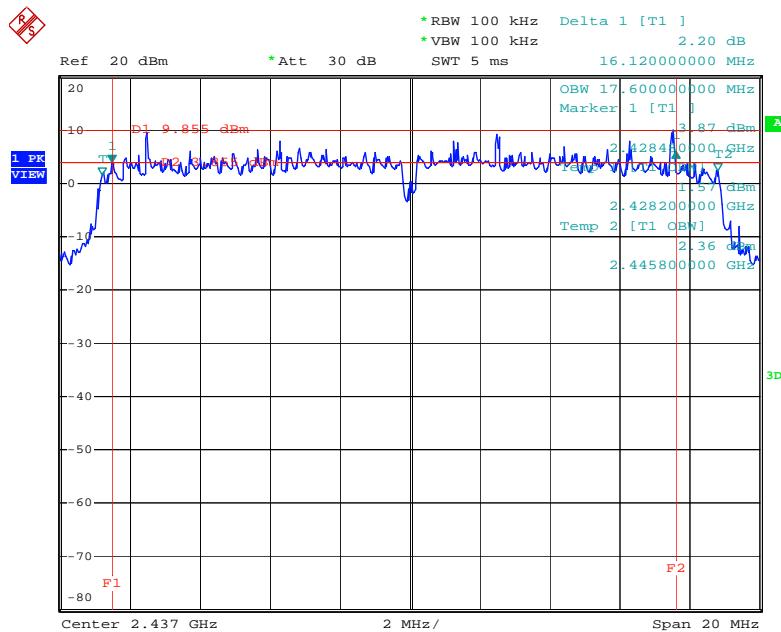
<For Antenna 3>:

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 3-1 + Ant. 3-3 / 2412 MHz



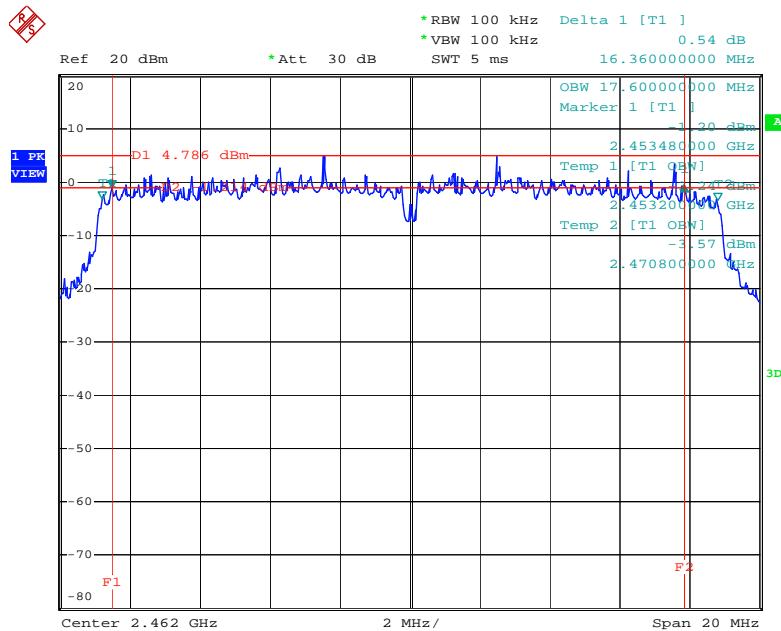
Date: 16.SEP.2009 10:10:27

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 3-1 + Ant. 3-3 / 2437 MHz



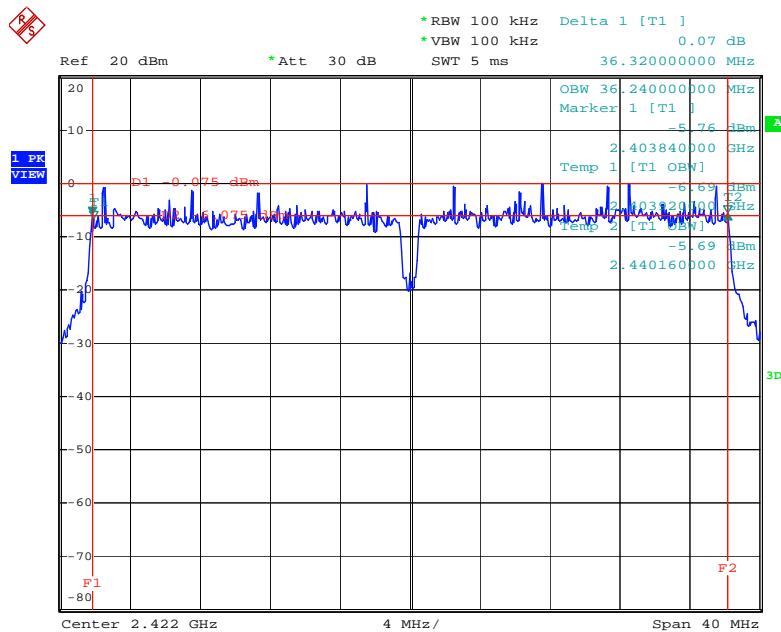
Date: 16.SEP.2009 10:21:51

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 3-1 + Ant. 3-3 / 2462 MHz



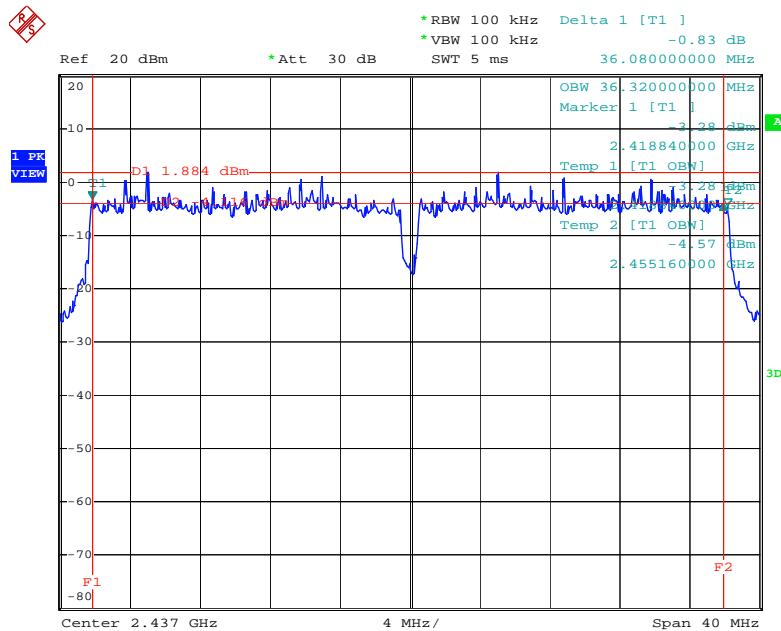
Date: 16.SEP.2009 10:28:14

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 3-1 + Ant. 3-3 / 2422 MHz



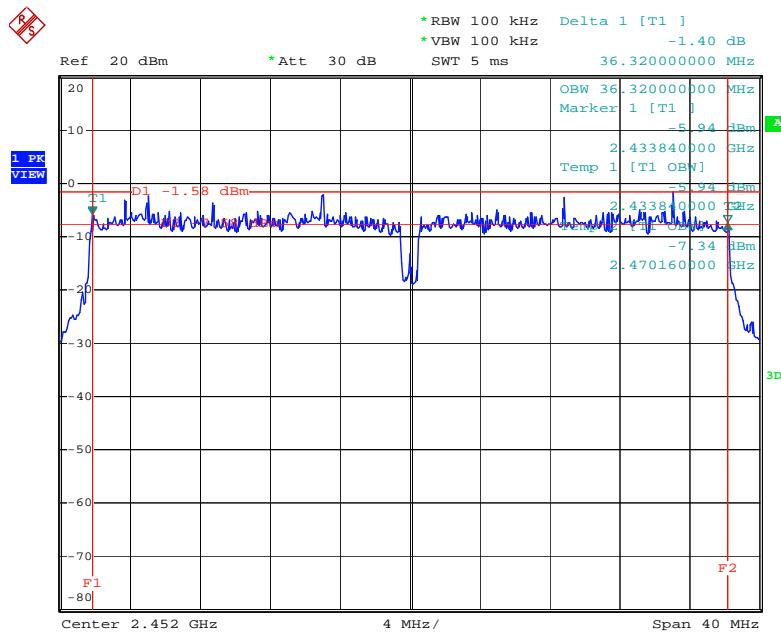
Date: 16.SEP.2009 10:54:47

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 3-1 + Ant. 3-3 / 2437 MHz



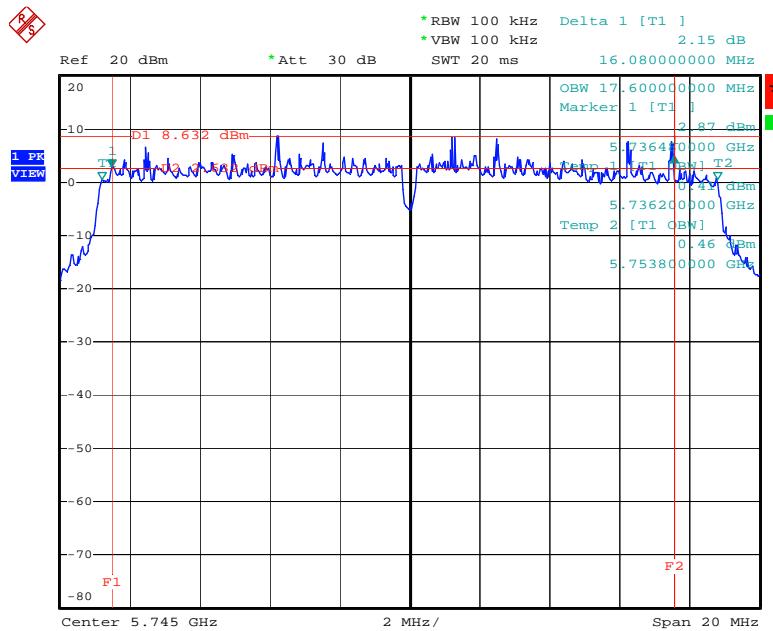
Date: 16.SEP.2009 10:46:43

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 3-1 + Ant. 3-3 / 2452 MHz



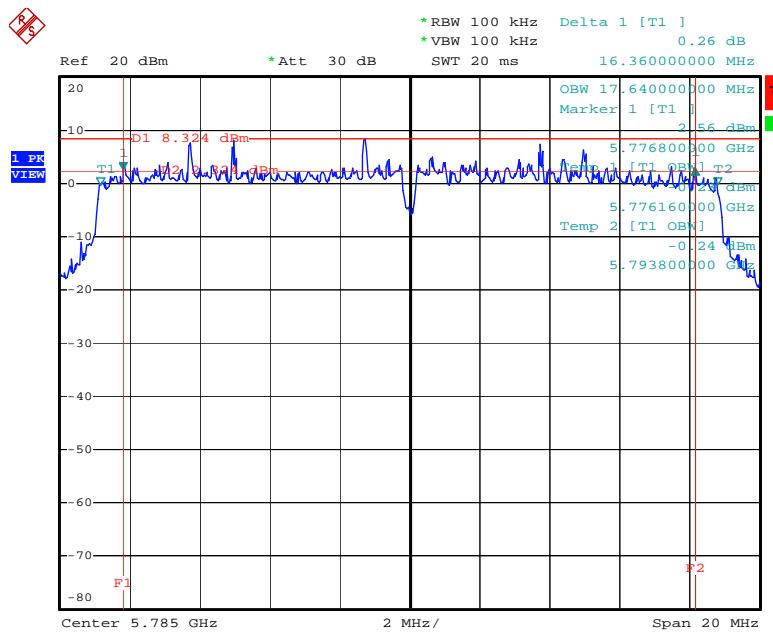
Date: 16.SEP.2009 10:37:51

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 3-1 + Ant. 3-3 / 5745 MHz



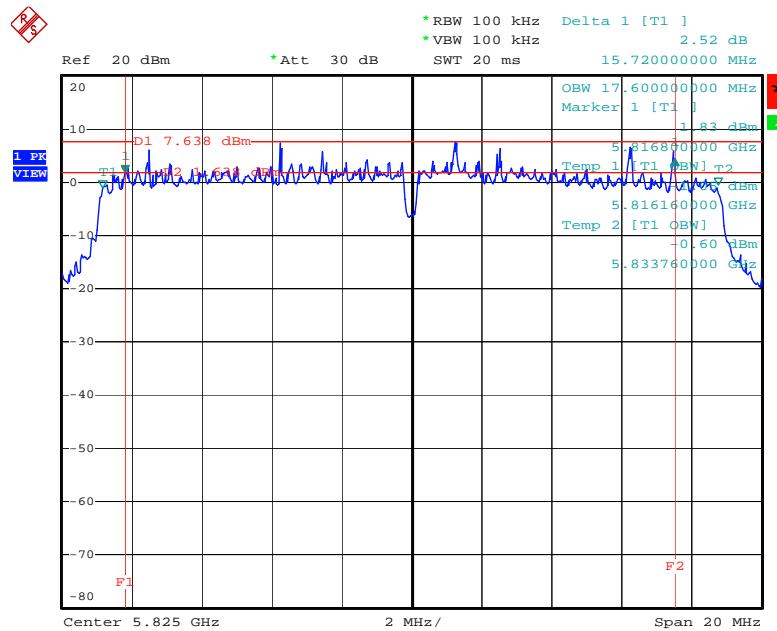
Date: 16.SEP.2009 18:16:56

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 3-1 + Ant. 3-3 / 5785MHz



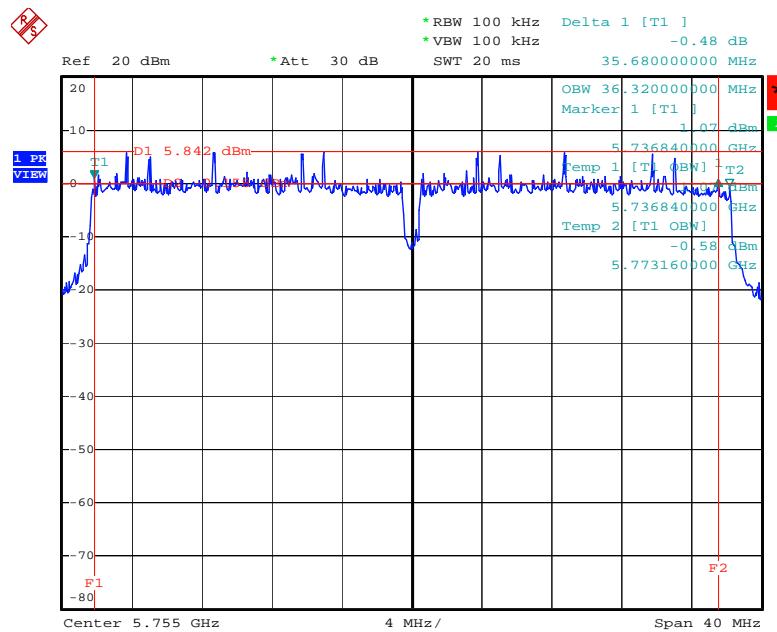
Date: 16.SEP.2009 18:14:20

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 3-1 + Ant. 3-3 / 5825 MHz



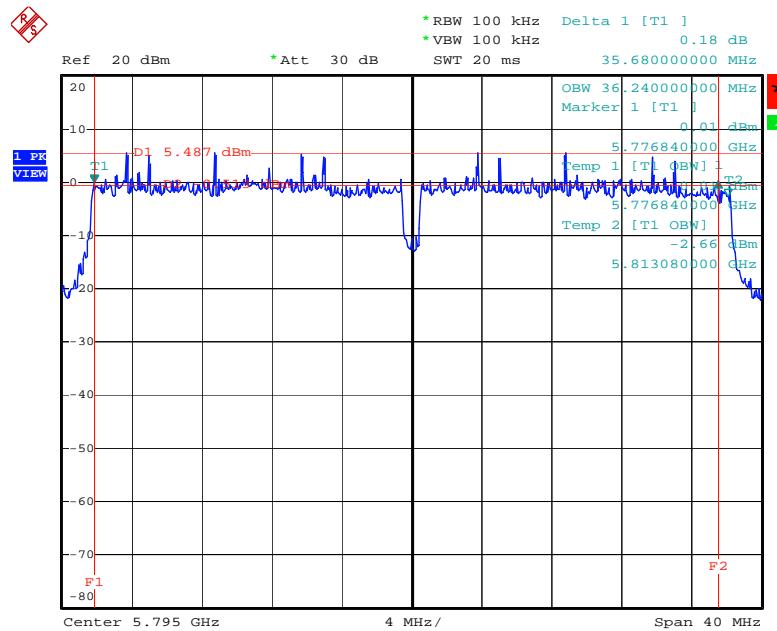
Date: 16.SEP.2009 18:12:07

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 3-1 + Ant. 3-3 / 5755MHz



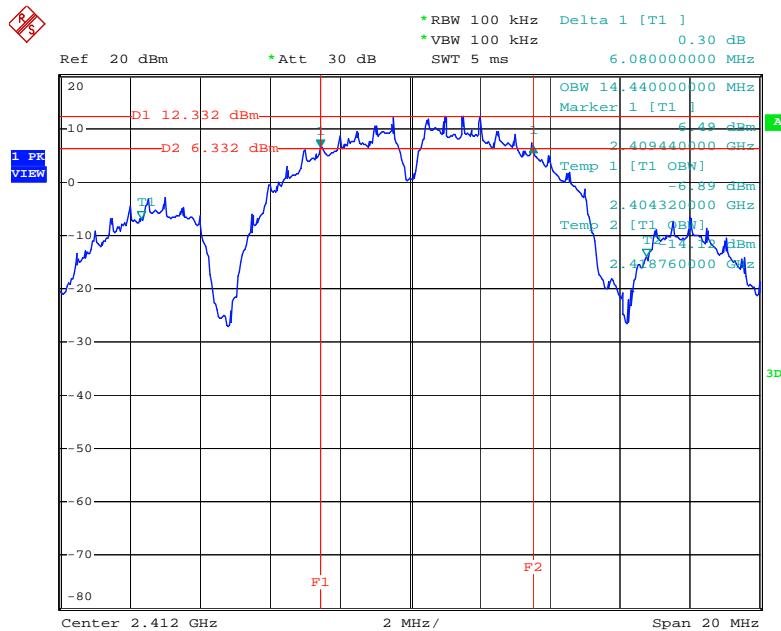
Date: 16.SEP.2009 19:18:54

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 3-1 + Ant. 3-3 / 5795 MHz



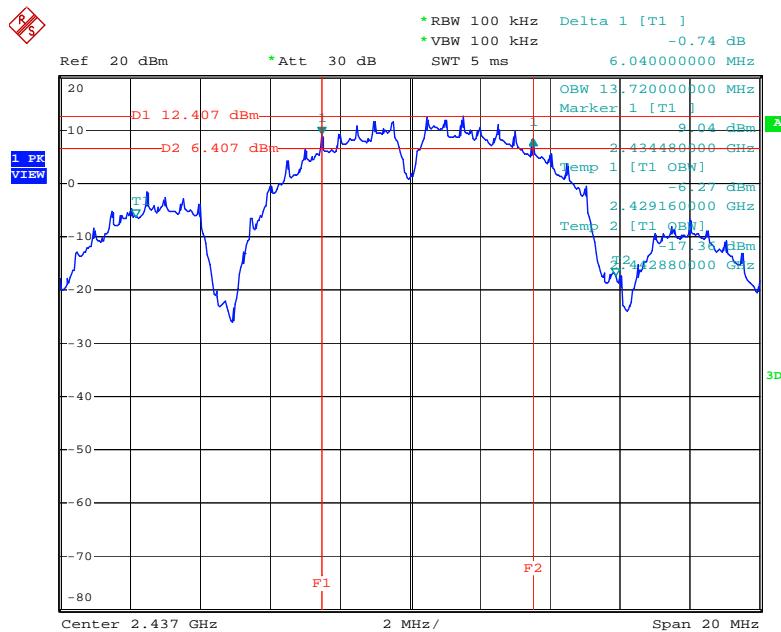
Date: 16.SEP.2009 19:22:20

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 3-1 + Ant. 3-3 / 2412 MHz



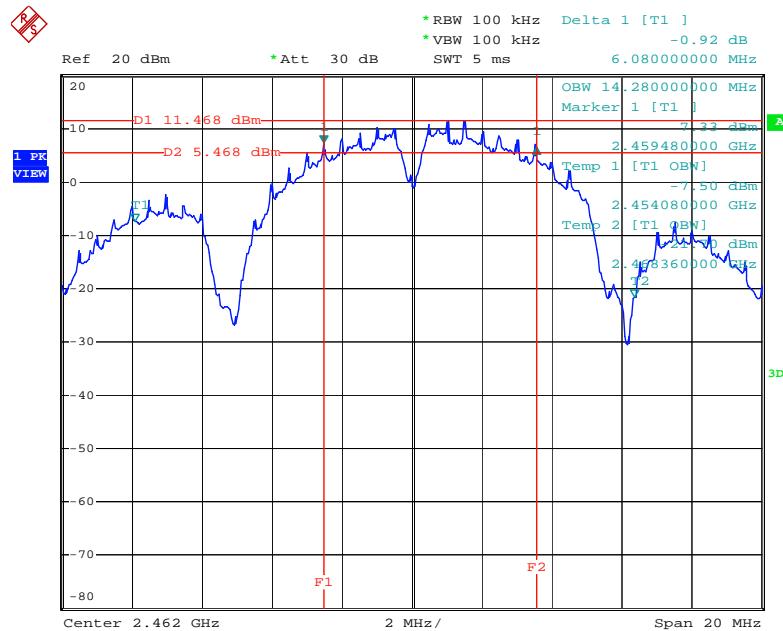
Date: 16.SEP.2009 09:20:44

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 3-1 + Ant. 3-3 / 2437 MHz



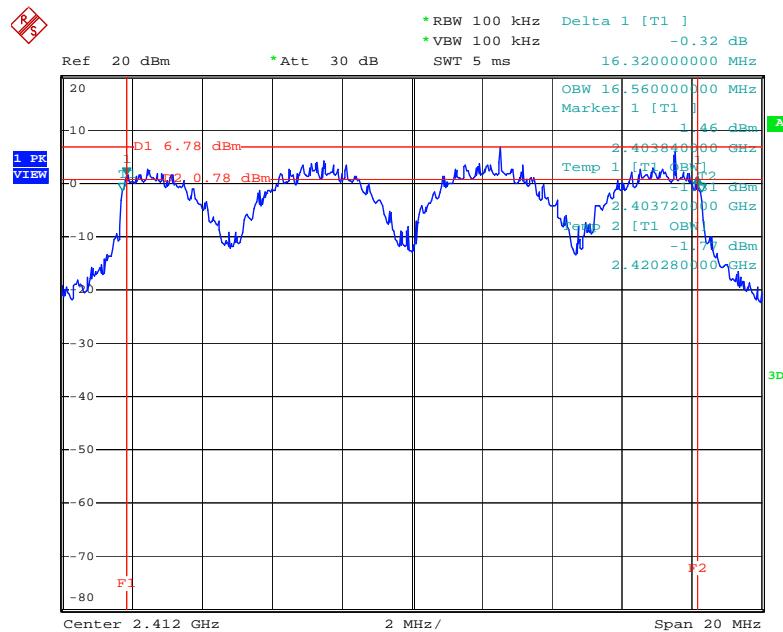
Date: 16.SEP.2009 09:37:57

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 3-1 + Ant. 3-3 / 2462 MHz



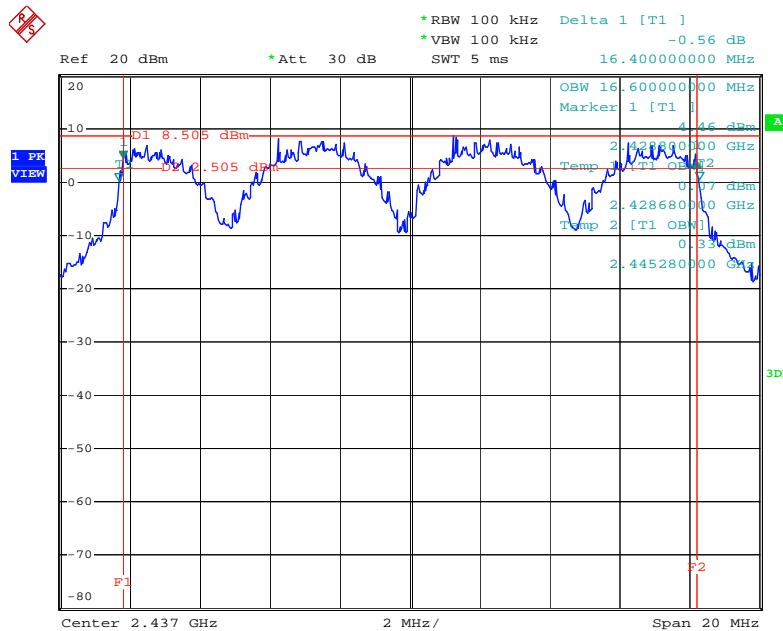
Date: 16.SEP.2009 09:42:02

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 3-1 + Ant. 3-3 / 2412 MHz



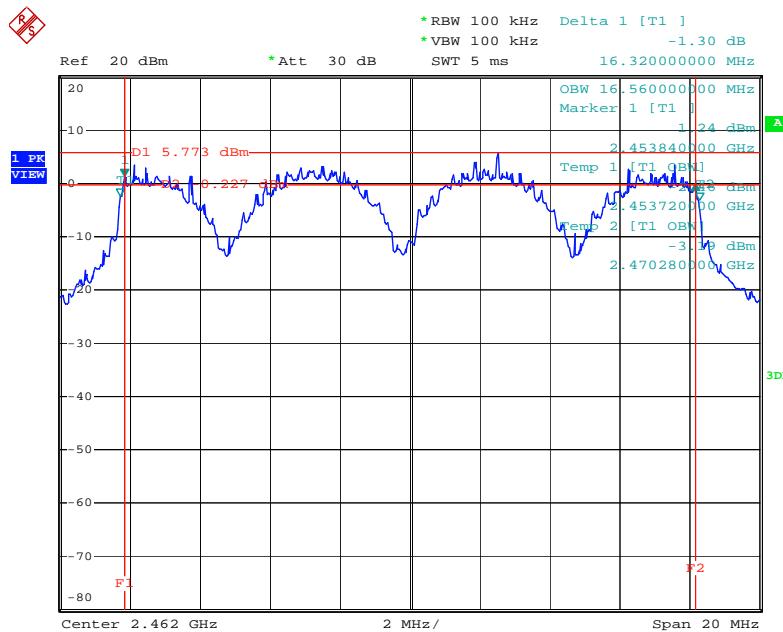
Date: 16.SEP.2009 10:05:49

6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 3-1 + Ant. 3-3 / 2437 MHz



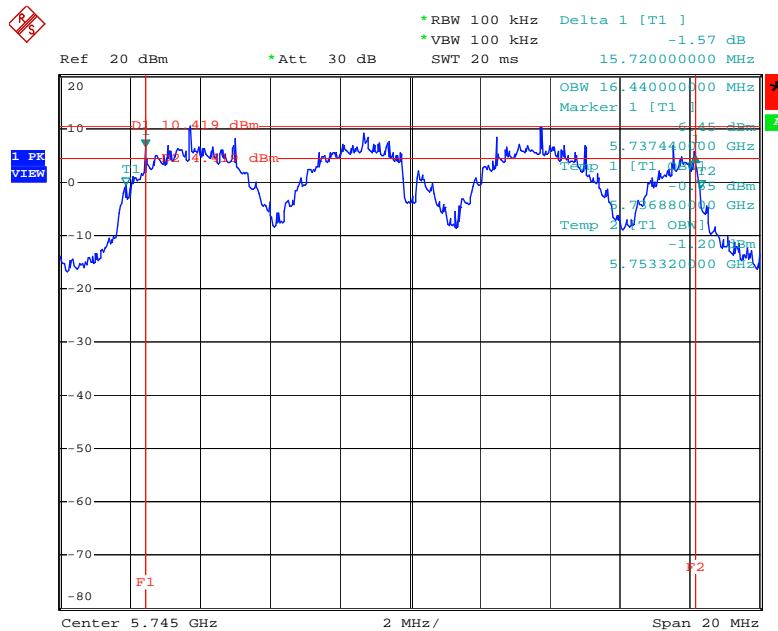
Date: 16.SEP.2009 09:58:05

## 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 3-1 + Ant. 3-3 / 2462 MHz



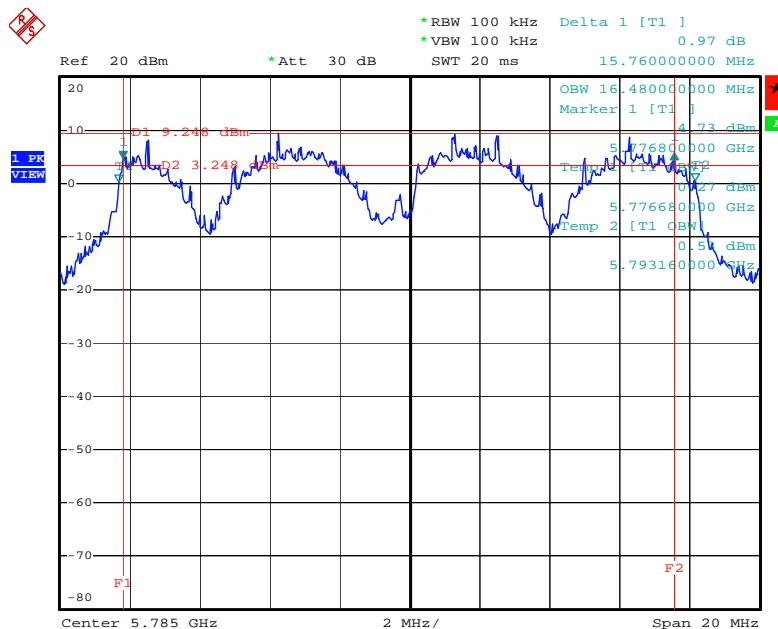
Date: 16.SEP.2009 09:51:51

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 3-1 + Ant. 3-3 / 5745 MHz



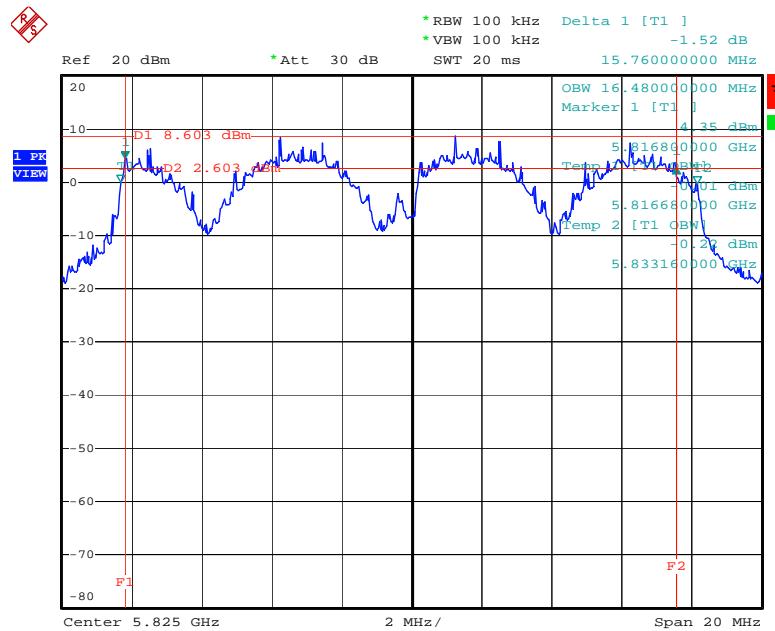
Date: 16.SEP.2009 22:24:30

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 3-1 + Ant. 3-3 / 5785 MHz



Date: 16.SEP.2009 18:07:09

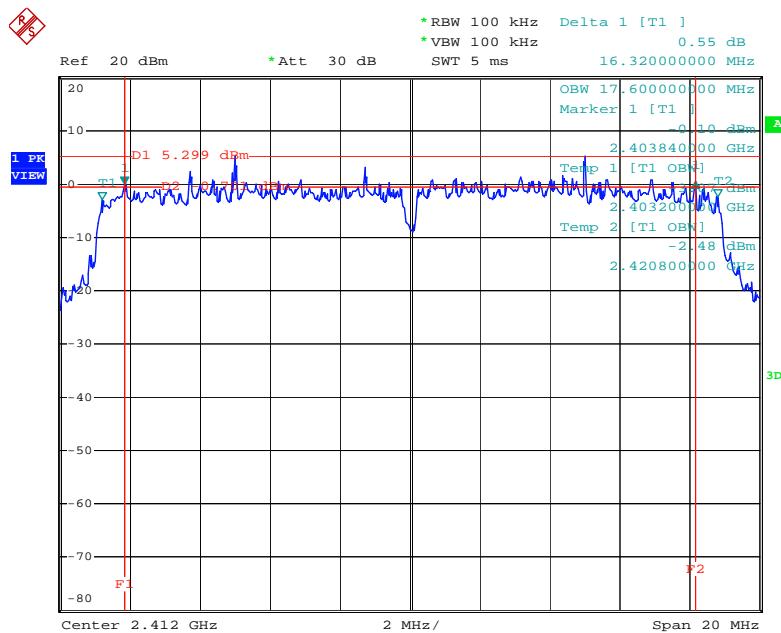
### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 3-1 + Ant. 3-3 / 5825 MHz



Date: 16.SEP.2009 18:09:00

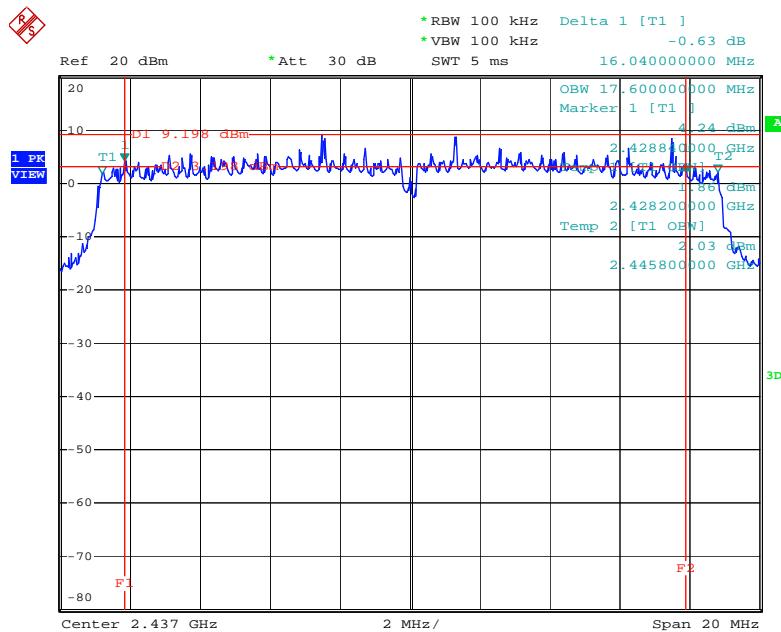
<For Antenna 4>:

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 4-1 + Ant. 4-3 / 2412 MHz



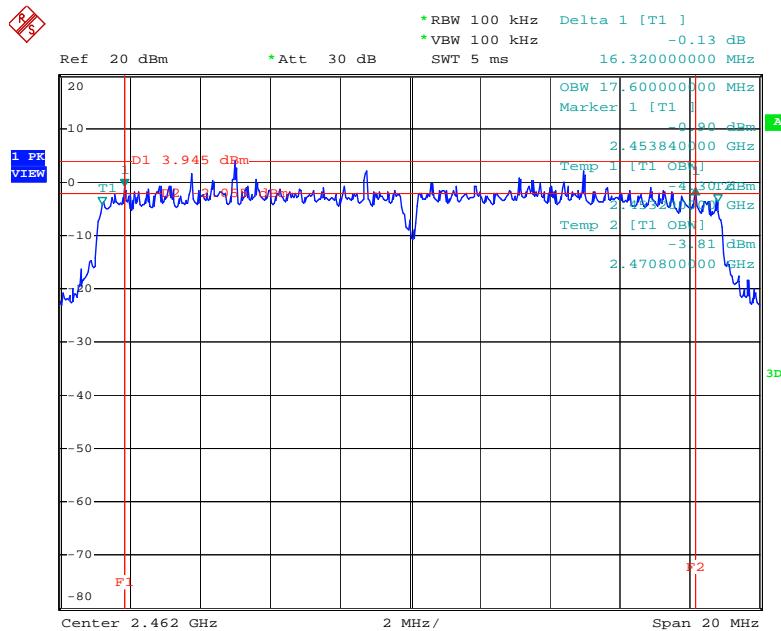
Date: 16.SEP.2009 10:12:19

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 4-1 + Ant. 4-3 / 2437 MHz



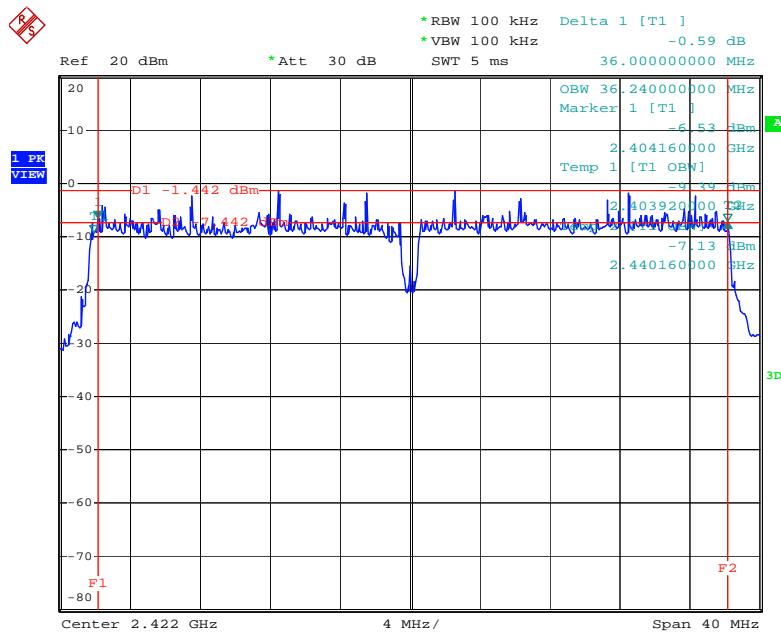
Date: 16.SEP.2009 00:17:49

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 4-1 + Ant. 4-3 / 2462 MHz



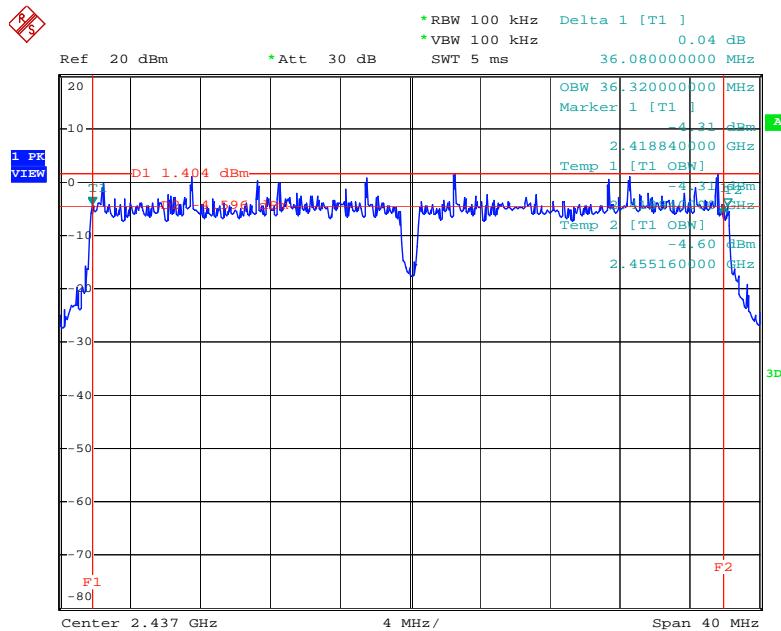
Date: 16.SEP.2009 10:30:45

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 4-1 + Ant. 4-3 / 2422 MHz



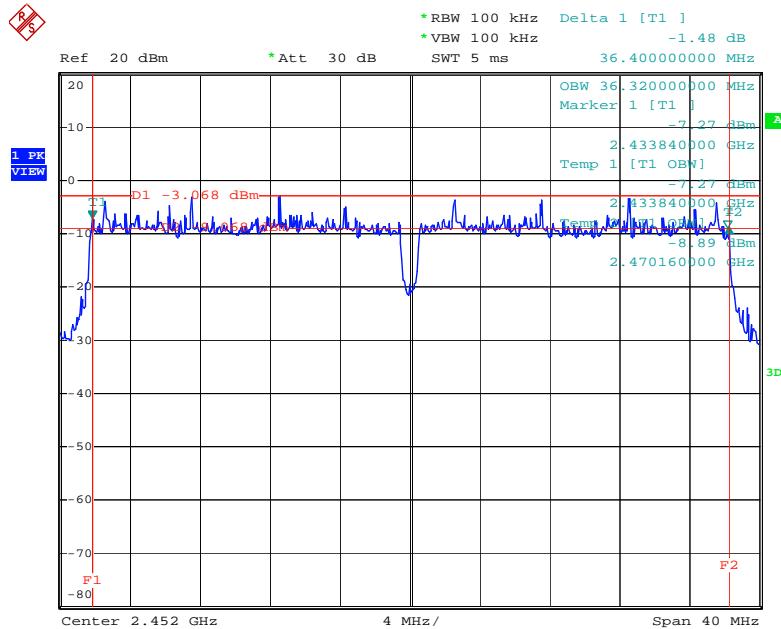
Date: 16.SEP.2009 10:56:27

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 4-1 + Ant. 4-3 / 2437 MHz



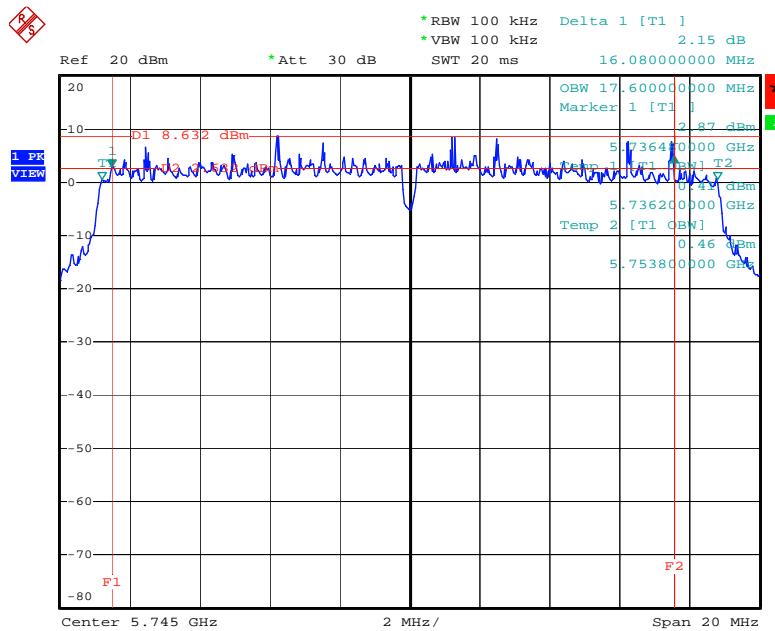
Date: 16.SEP.2009 10:47:56

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 4-1 + Ant. 4-3 / 2452 MHz



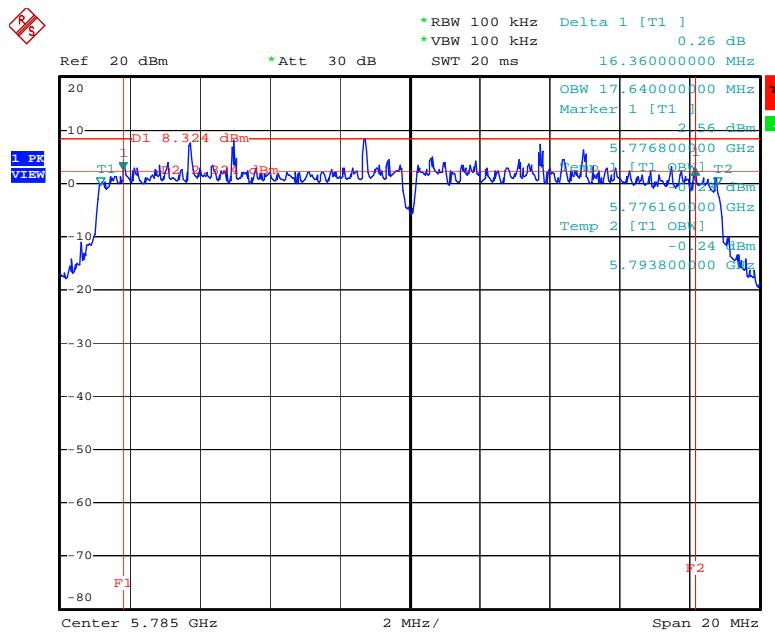
Date: 16.SEP.2009 10:40:01

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 4-1 + Ant. 4-3 / 5745 MHz



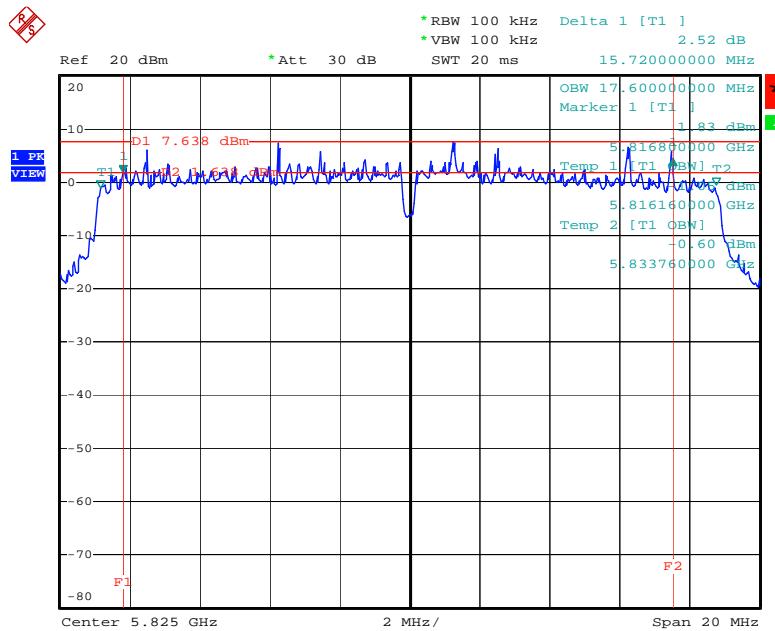
Date: 16.SEP.2009 18:16:56

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 4-1 + Ant. 4-3 / 5785MHz



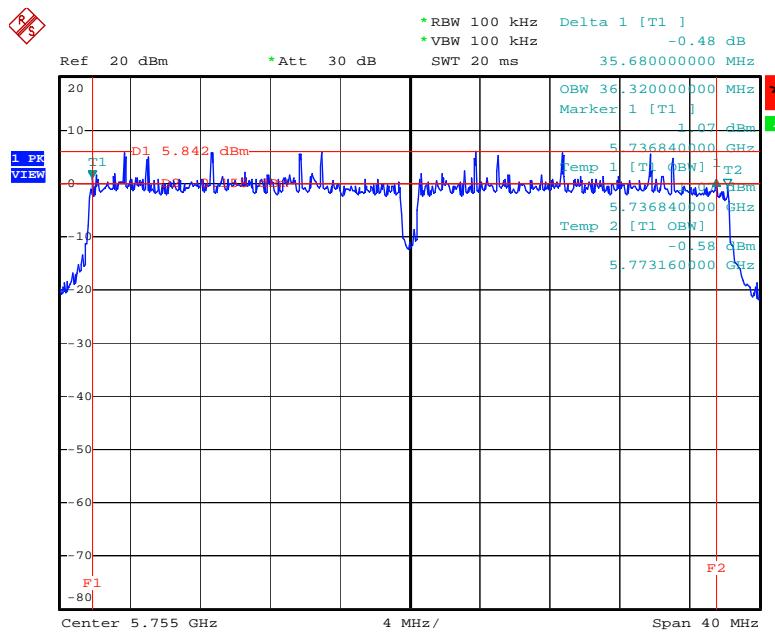
Date: 16.SEP.2009 18:14:20

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 4-1 + Ant. 4-3 / 5825 MHz



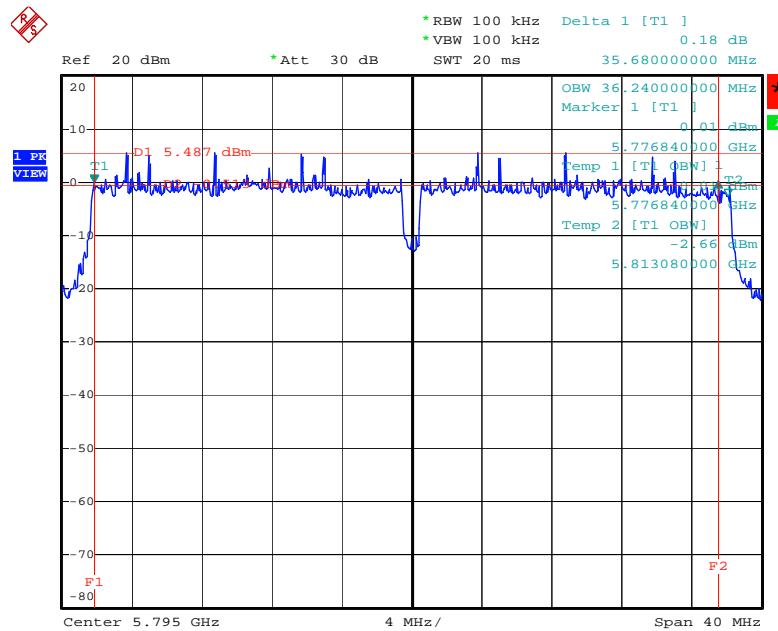
Date: 16.SEP.2009 18:12:07

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 4-1 + Ant. 4-3 / 5755MHz



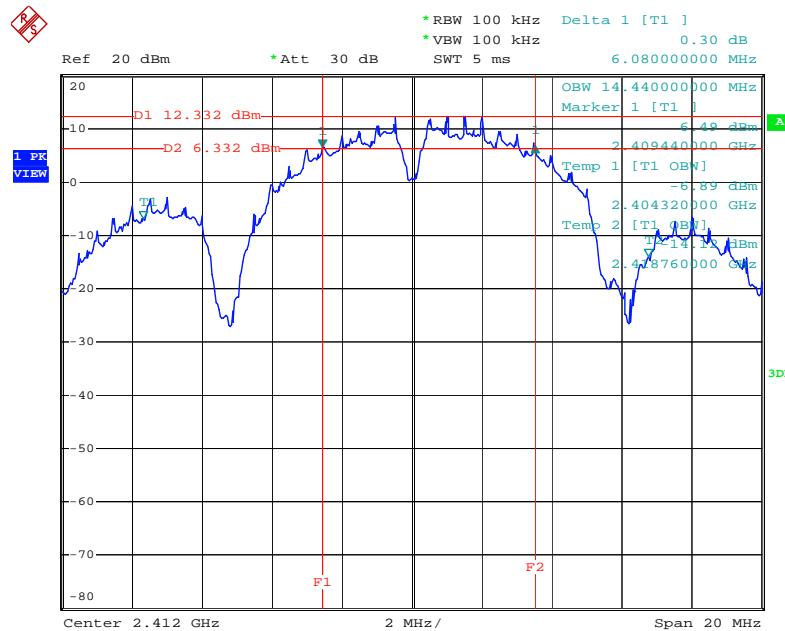
Date: 16.SEP.2009 19:18:54

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 4-1 + Ant. 4-3 / 5795 MHz



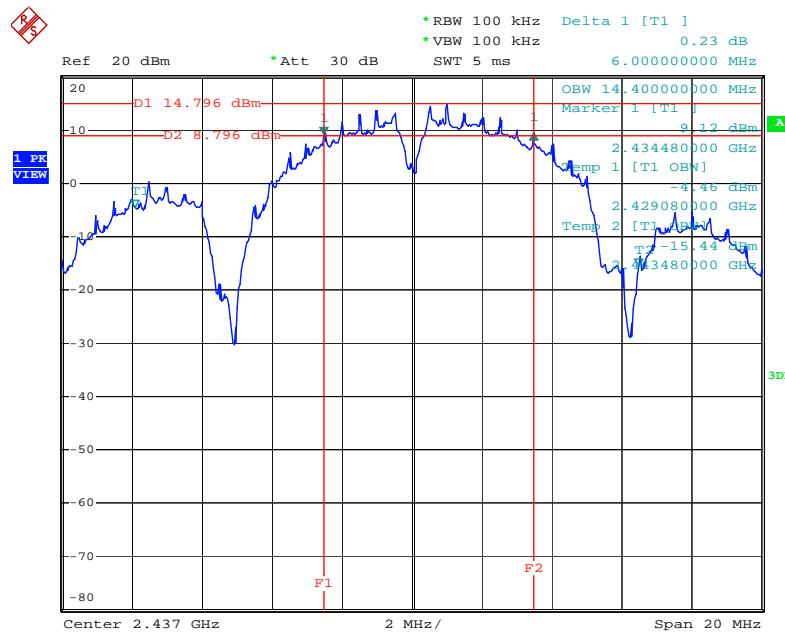
Date: 16.SEP.2009 19:22:20

6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 4-1 + Ant. 4-3 / 2412 MHz



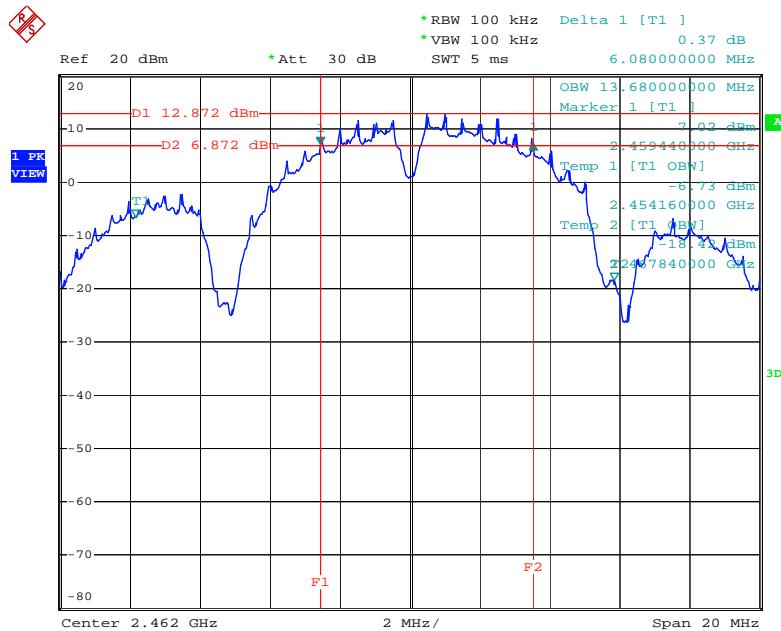
Date: 16.SEP.2009 09:20:44

6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 4-1 + Ant. 4-3 / 2437 MHz



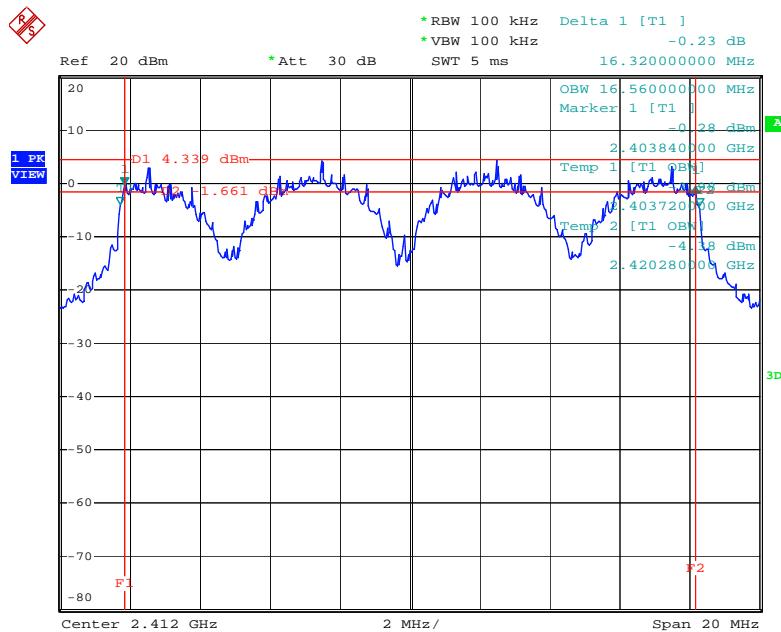
Date: 16.SEP.2009 09:34:02

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 4-1 + Ant. 4-3 / 2462 MHz



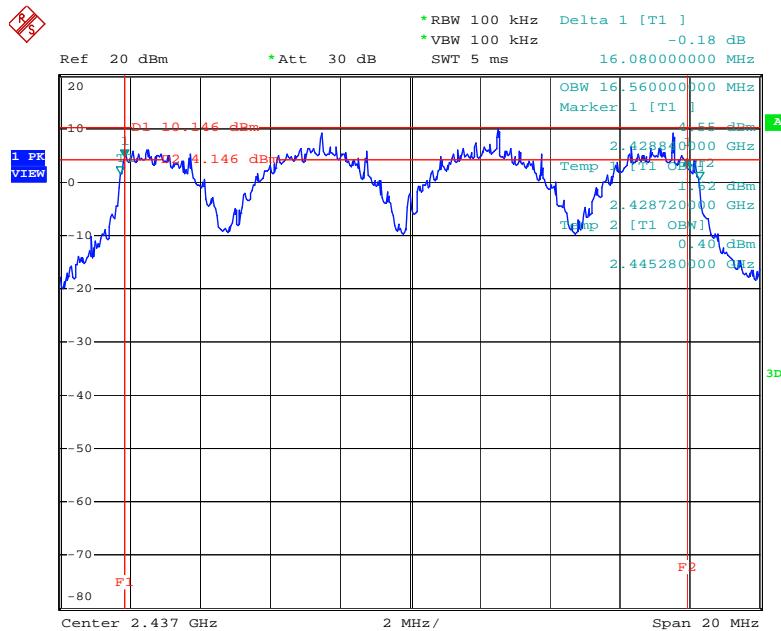
Date: 16.SEP.2009 09:41:01

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 4-1 + Ant. 4-3 / 2412 MHz



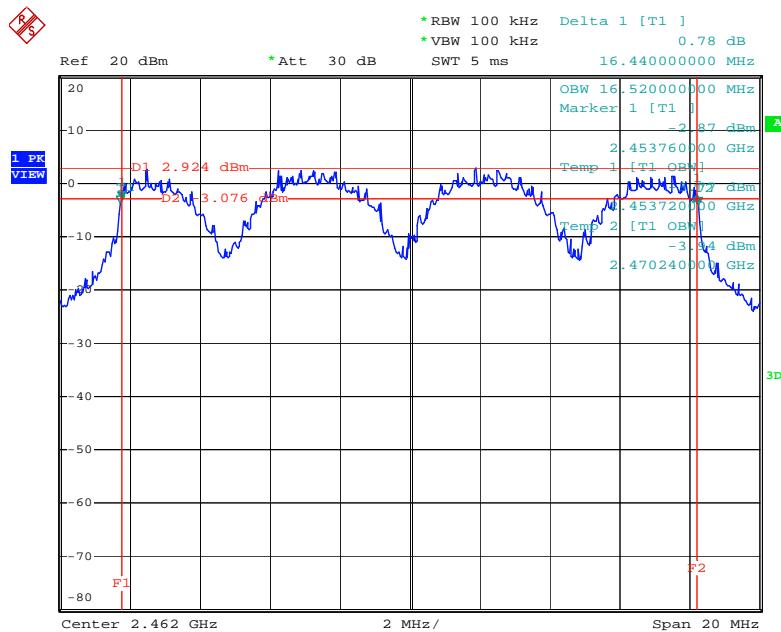
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### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 4-1 + Ant. 4-3 / 2437 MHz



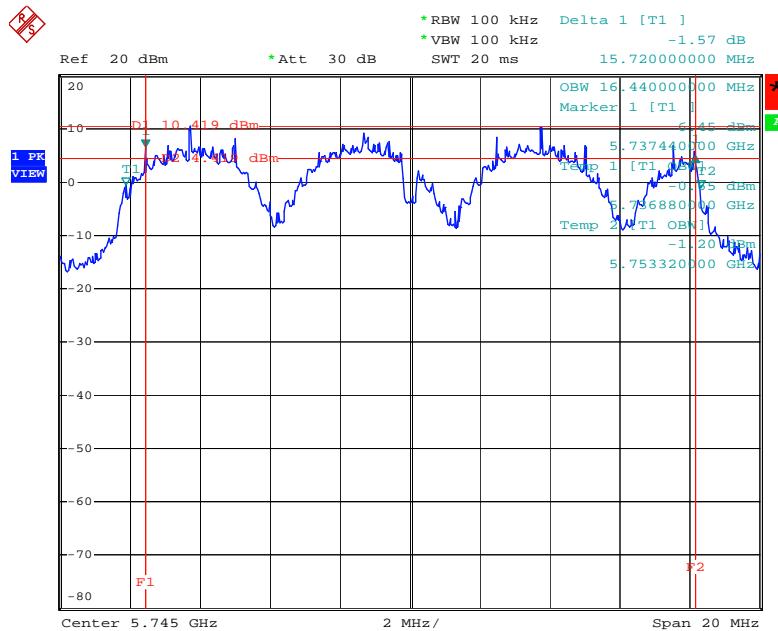
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### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 4-1 + Ant. 4-3 / 2462 MHz



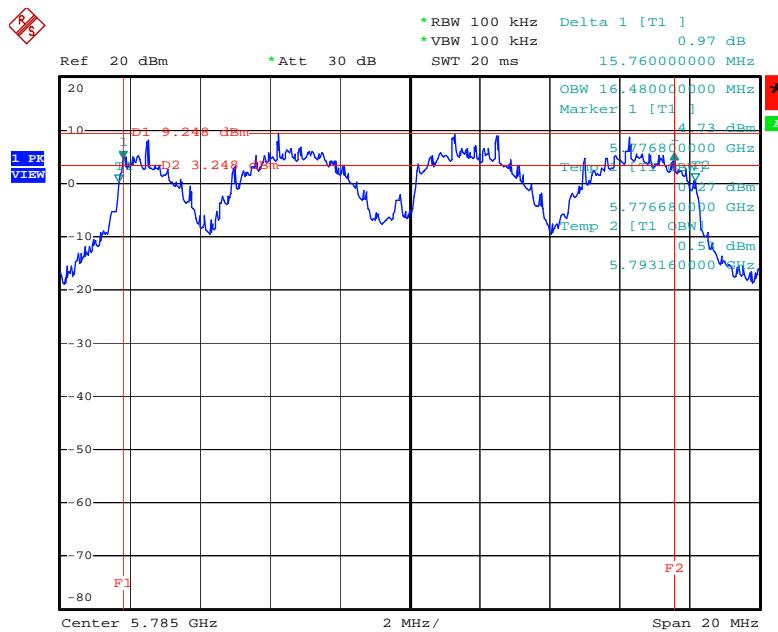
Date: 16.SEP.2009 09:52:49

6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 4-1 + Ant. 4-3 / 5745 MHz



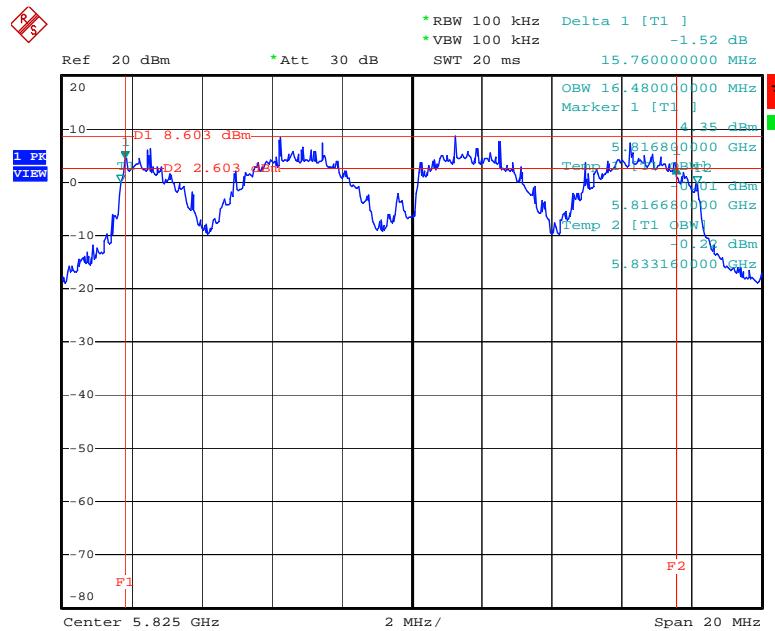
Date: 16.SEP.2009 22:24:30

6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 4-1 + Ant. 4-3 / 5785 MHz



Date: 16.SEP.2009 18:07:09

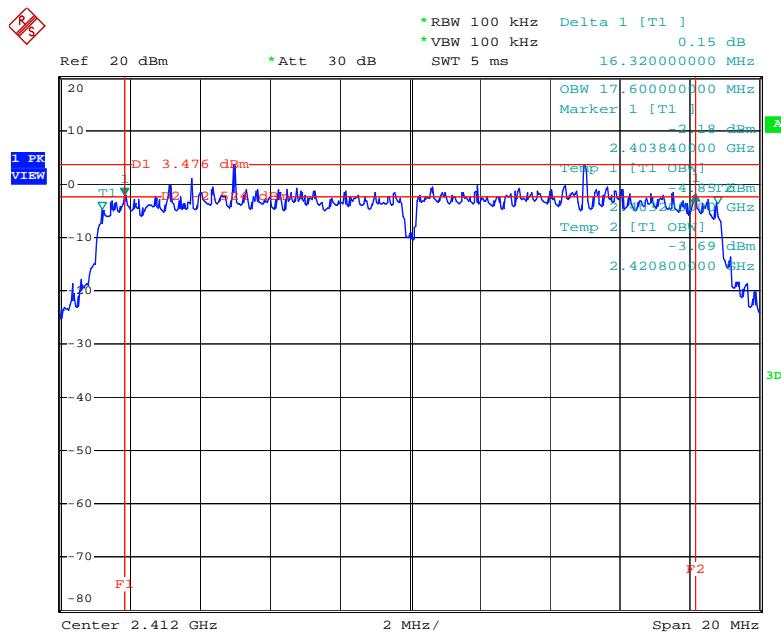
### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 4-1 + Ant. 4-3 / 5825 MHz



Date: 16.SEP.2009 18:09:00

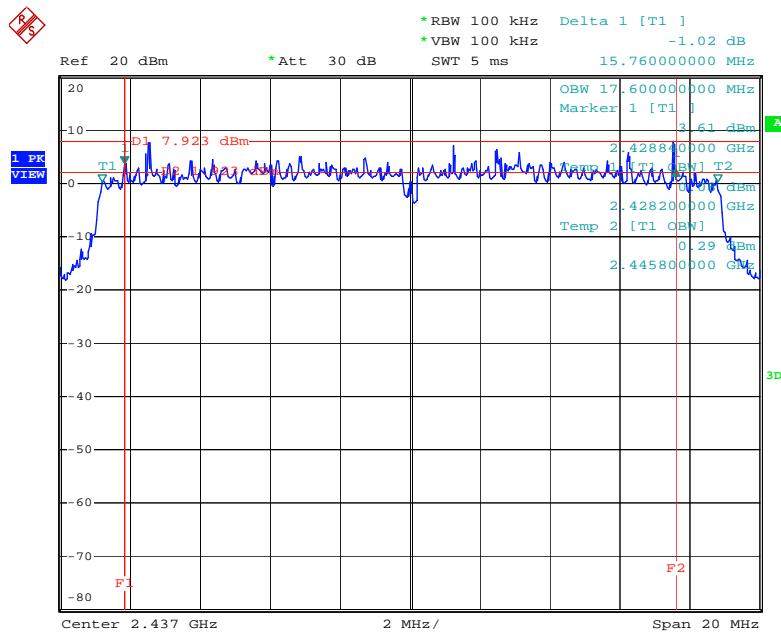
<For Antenna 5>:

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 5-1 + Ant. 5-3 / 2412 MHz



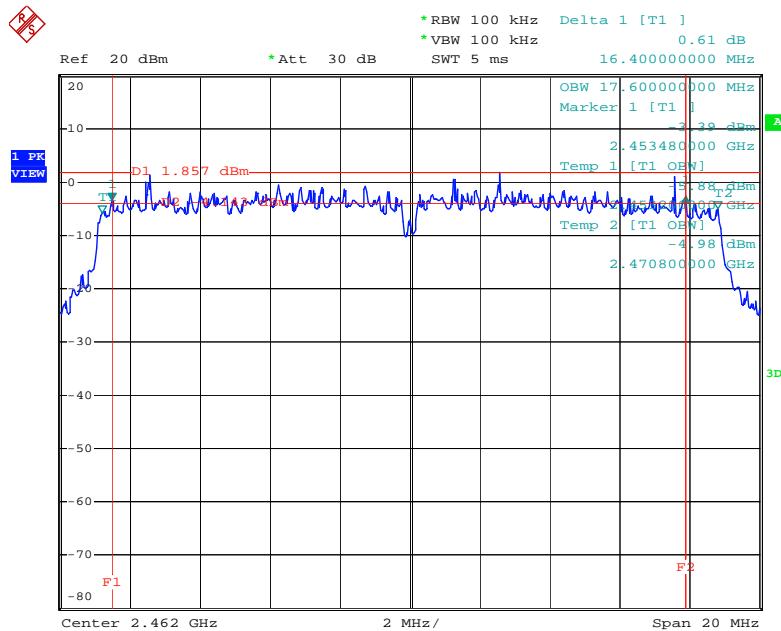
Date: 16.SEP.2009 10:13:29

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 5-1 + Ant. 5-3 / 2437 MHz



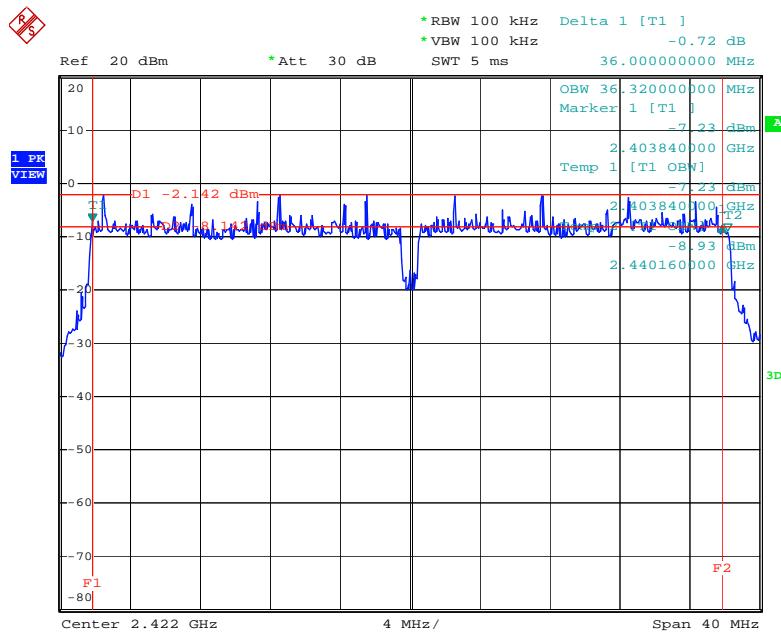
Date: 16.SEP.2009 10:24:10

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 5-1 + Ant. 5-3 / 2462 MHz



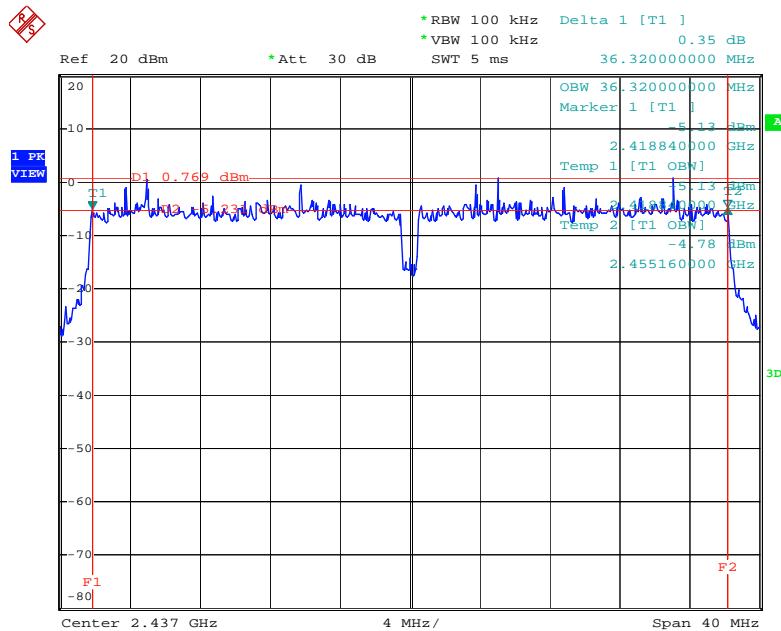
Date: 16.SEP.2009 10:31:57

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 5-1 + Ant. 5-3 / 2422 MHz



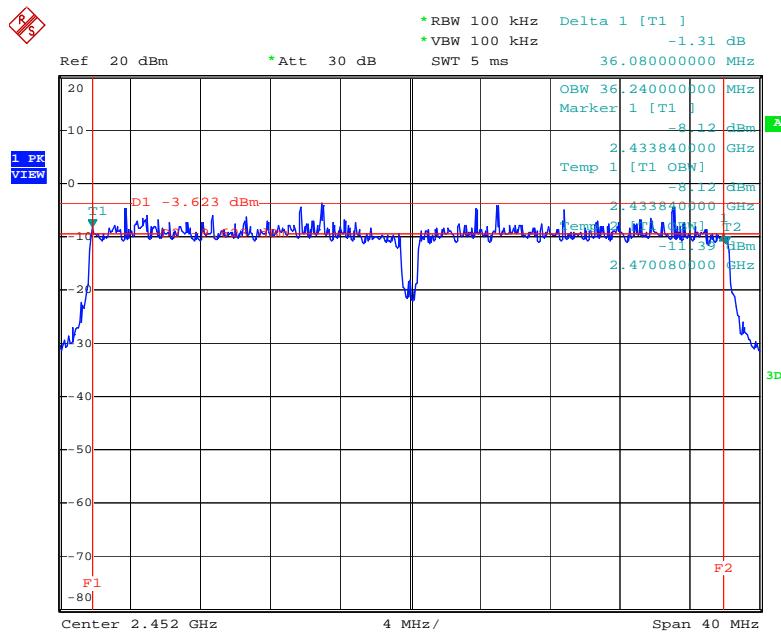
Date: 16.SEP.2009 00:20:02

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 5-1 + Ant. 5-3 / 2437 MHz



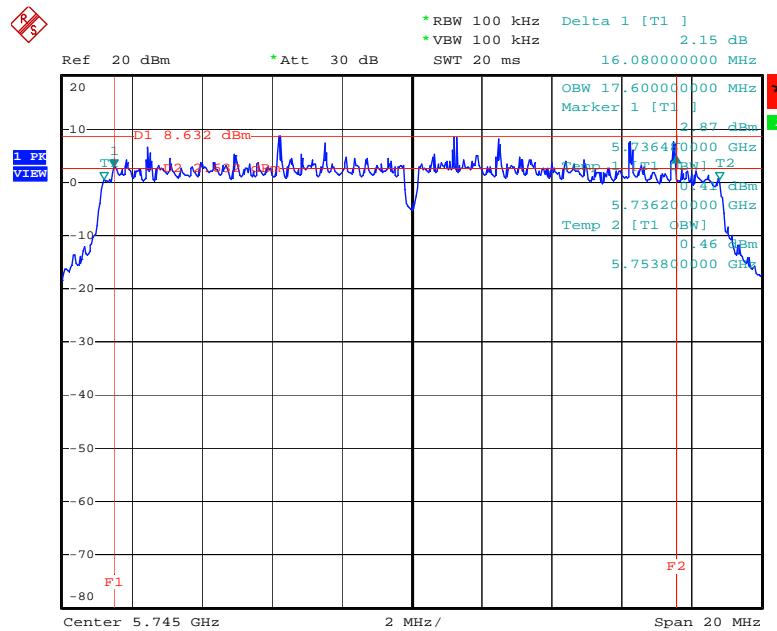
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### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 5-1 + Ant. 5-3 / 2452 MHz



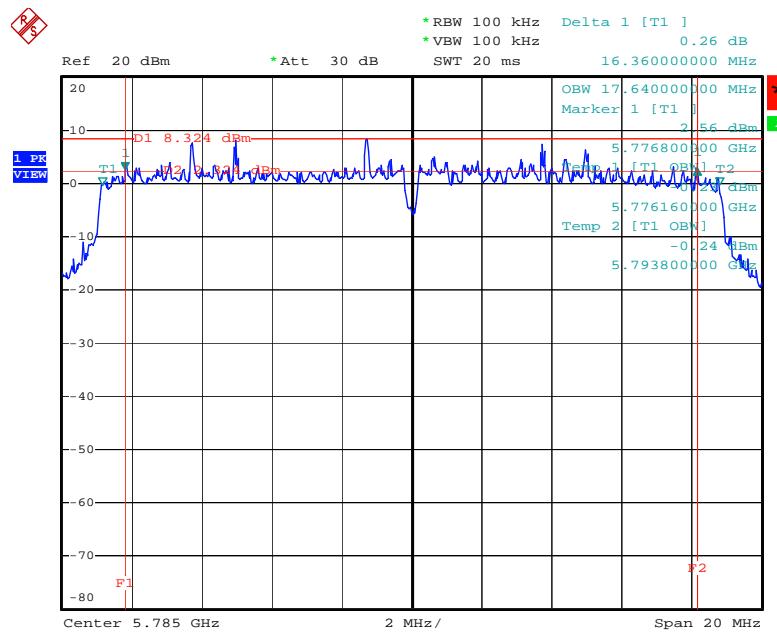
Date: 16.SEP.2009 10:41:42

6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 5-1 + Ant. 5-3 / 5745 MHz



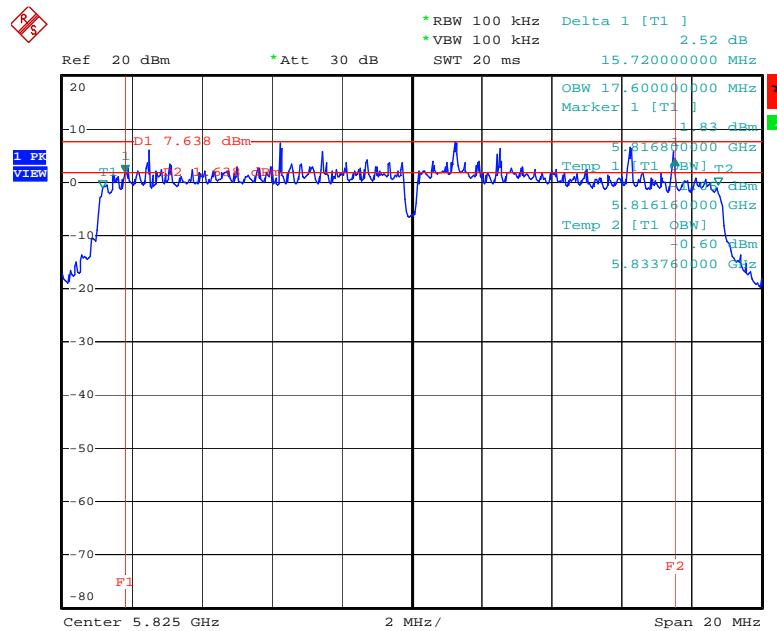
Date: 16.SEP.2009 18:16:56

## 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 5-1 + Ant. 5-3 / 5785MHz



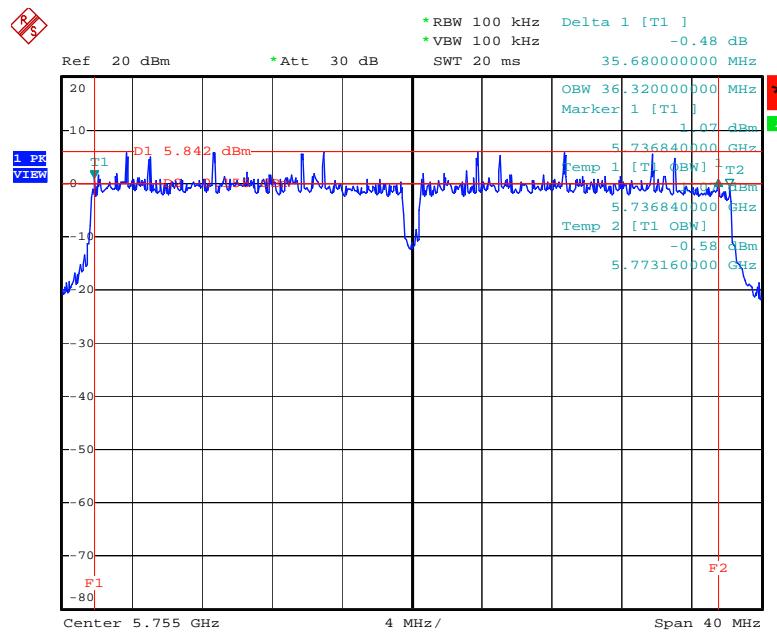
Date: 16.SEP.2009 18:14:20

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 5-1 + Ant. 5-3 / 5825 MHz



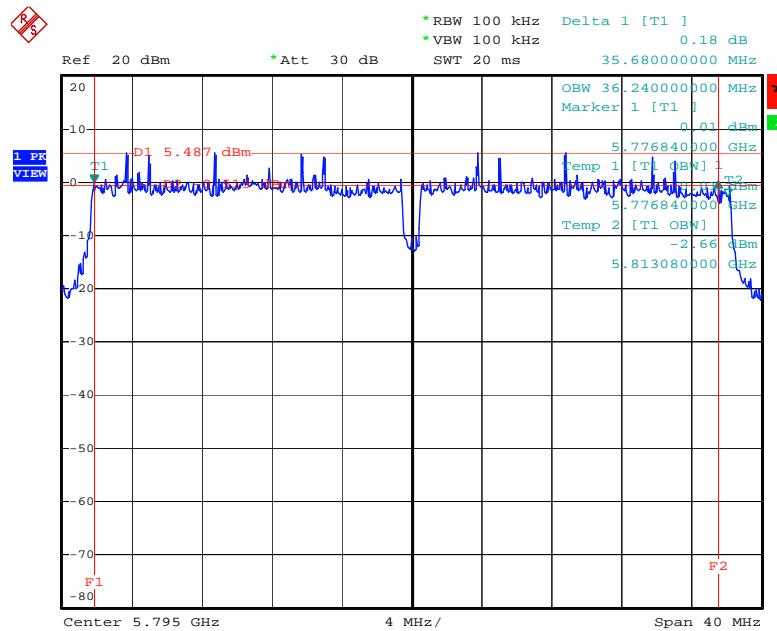
Date: 16.SEP.2009 18:12:07

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 5-1 + Ant. 5-3 / 5755MHz



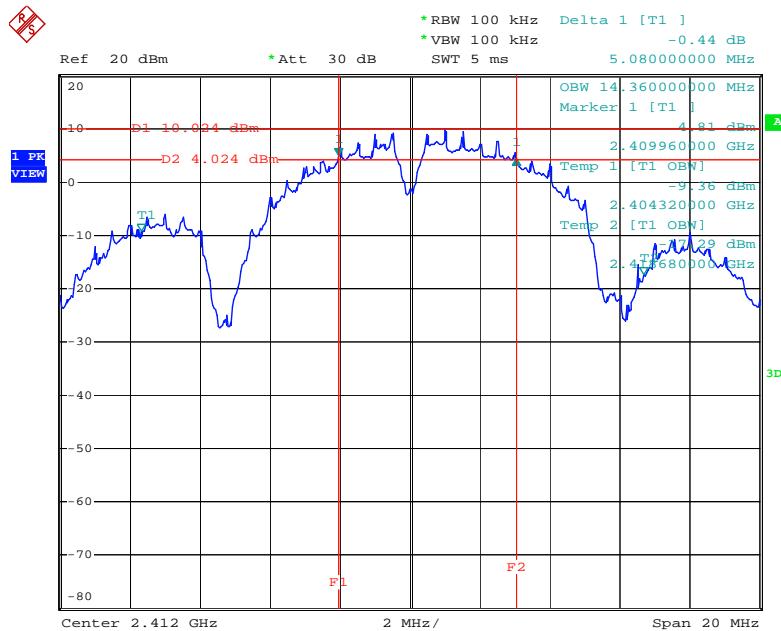
Date: 16.SEP.2009 19:18:54

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 5-1 + Ant. 5-3 / 5795 MHz



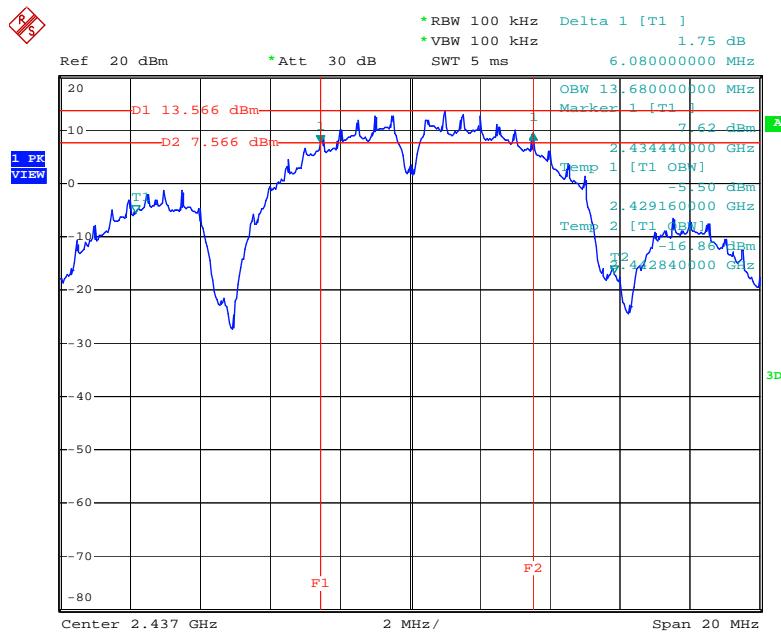
Date: 16.SEP.2009 19:22:20

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 5-1 + Ant. 5-3 / 2412 MHz



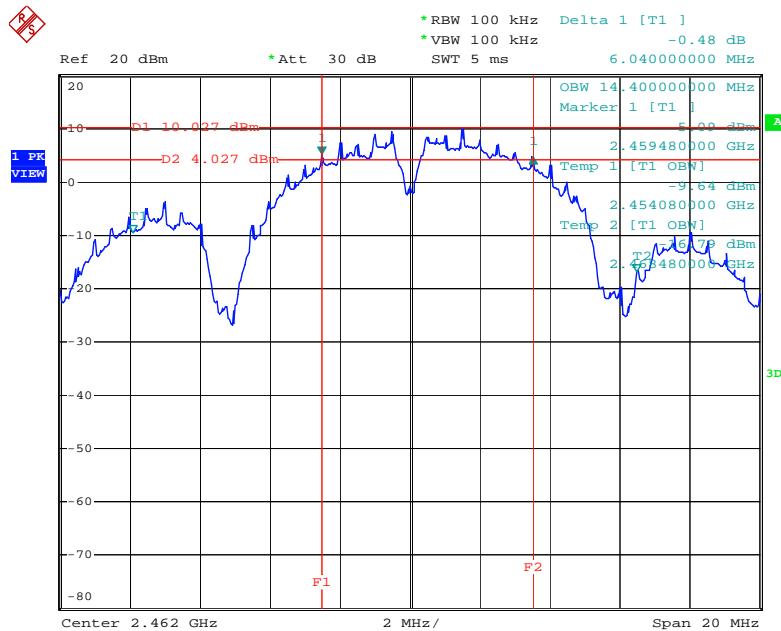
Date: 16.SEP.2009 09:22:59

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 5-1 + Ant. 5-3 / 2437 MHz



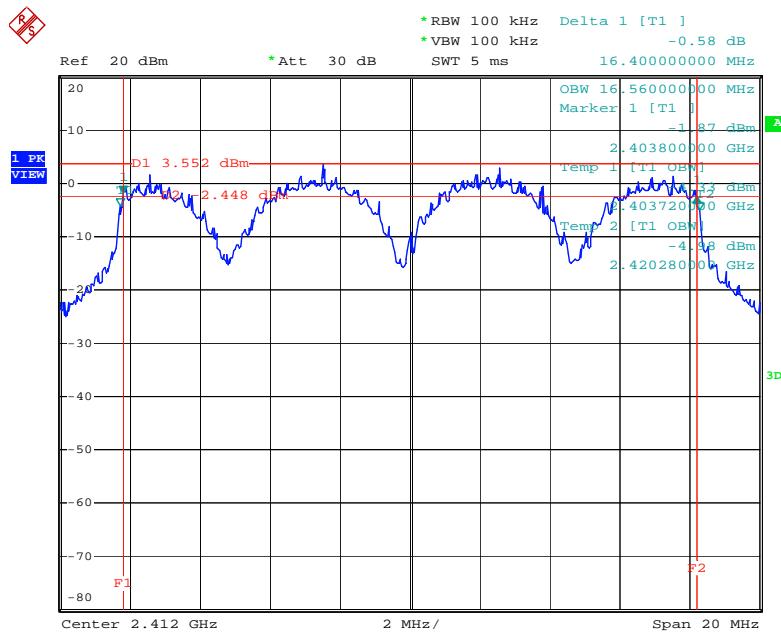
Date: 16.SEP.2009 09:36:47

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 5-1 + Ant. 5-3 / 2462 MHz



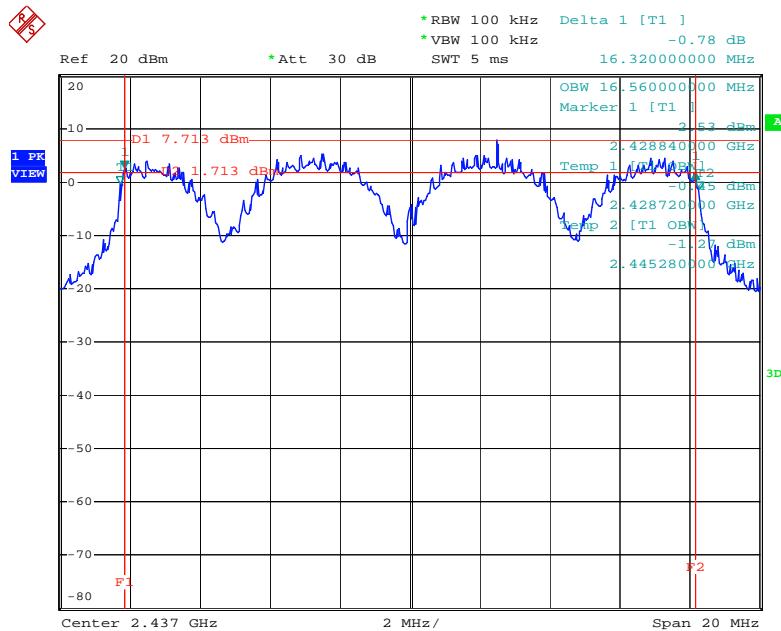
Date: 16.SEP.2009 09:44:21

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 5-1 + Ant. 5-3 / 2412 MHz



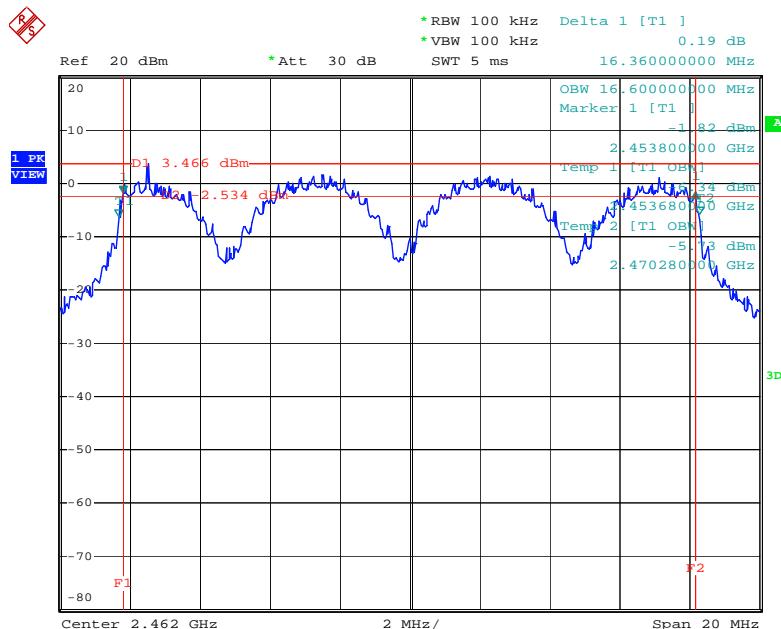
Date: 16.SEP.2009 10:07:35

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 5-1 + Ant. 5-3 / 2437 MHz



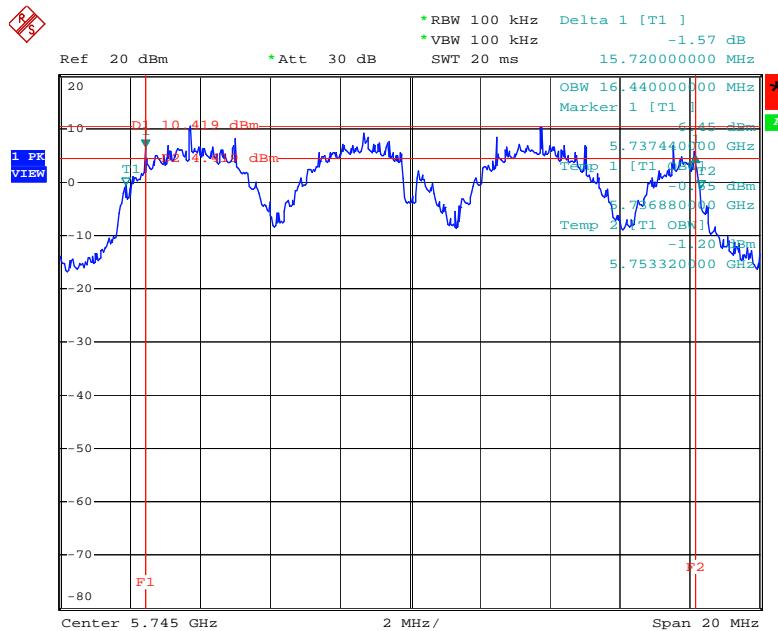
Date: 16.SEP.2009 10:01:03

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 5-1 + Ant. 5-3 / 2462 MHz



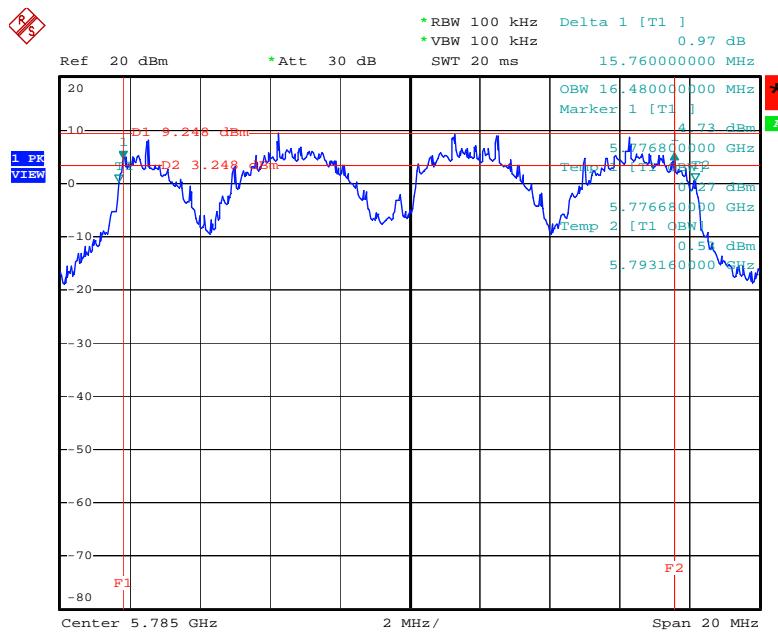
Date: 16.SEP.2009 09:54:29

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 5-1 + Ant. 5-3 / 5745 MHz



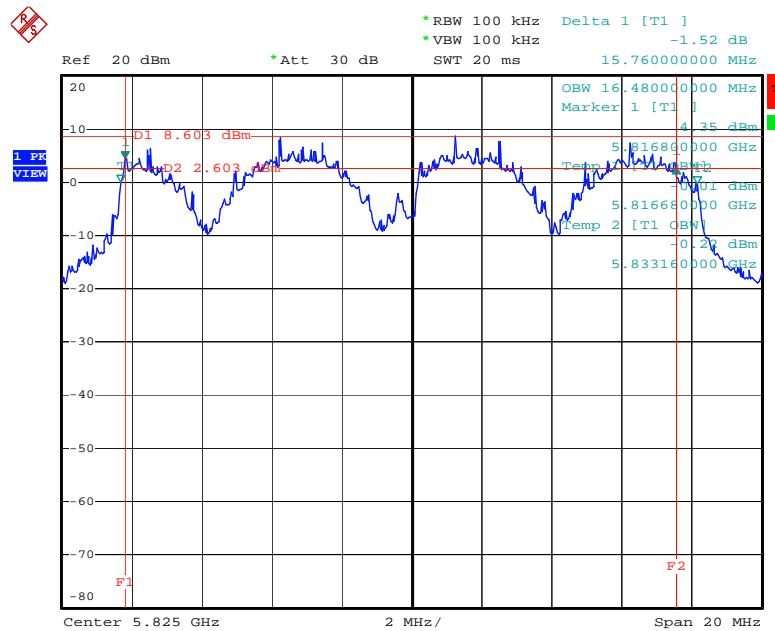
Date: 16.SEP.2009 22:24:30

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 5-1 + Ant. 5-3 / 5785 MHz



Date: 16.SEP.2009 18:07:09

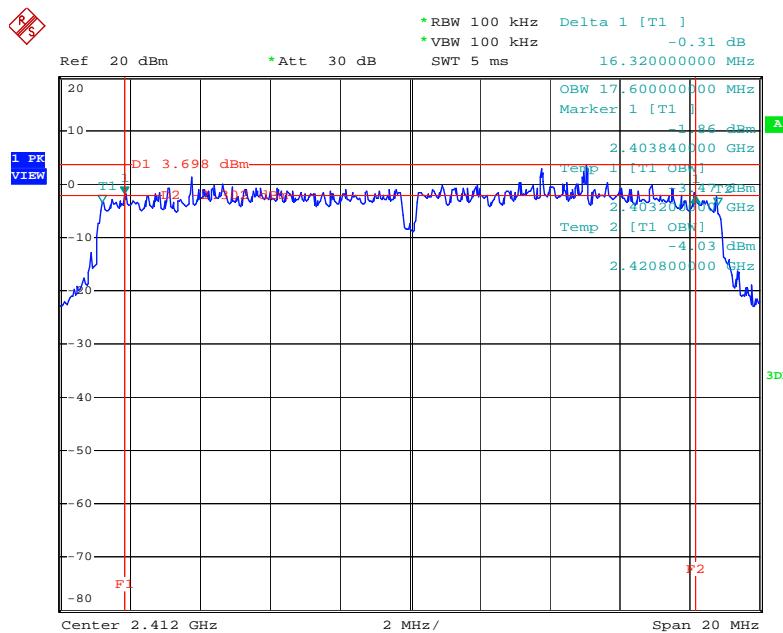
### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 5-1 + Ant. 5-3 / 5825 MHz



Date: 16.SEP.2009 18:09:00

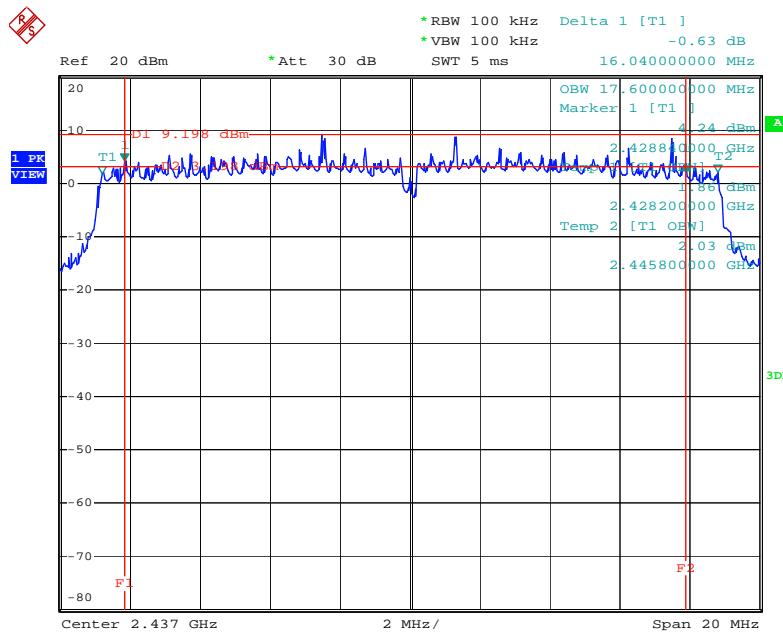
<For Antenna 6>:

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 6-1 + Ant. 6-3 / 2412 MHz



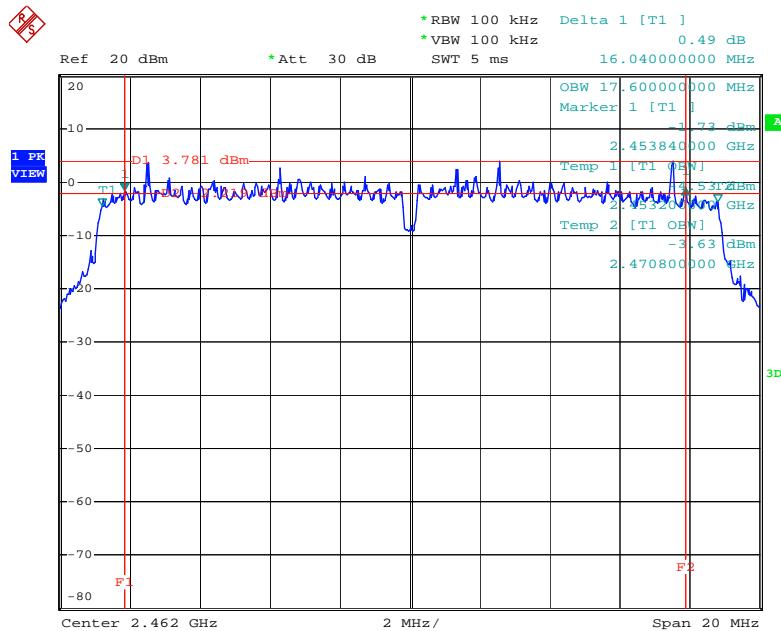
Date: 16.SEP.2009 00:18:45

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 6-1 + Ant. 6-3 / 2437 MHz



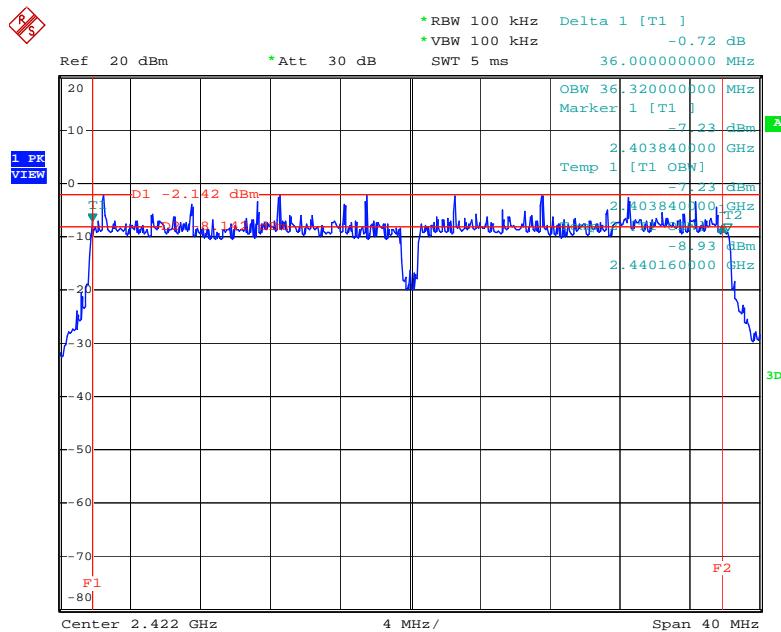
Date: 16.SEP.2009 00:17:49

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 20MHz Ant. 6-1 + Ant. 6-3 / 2462 MHz



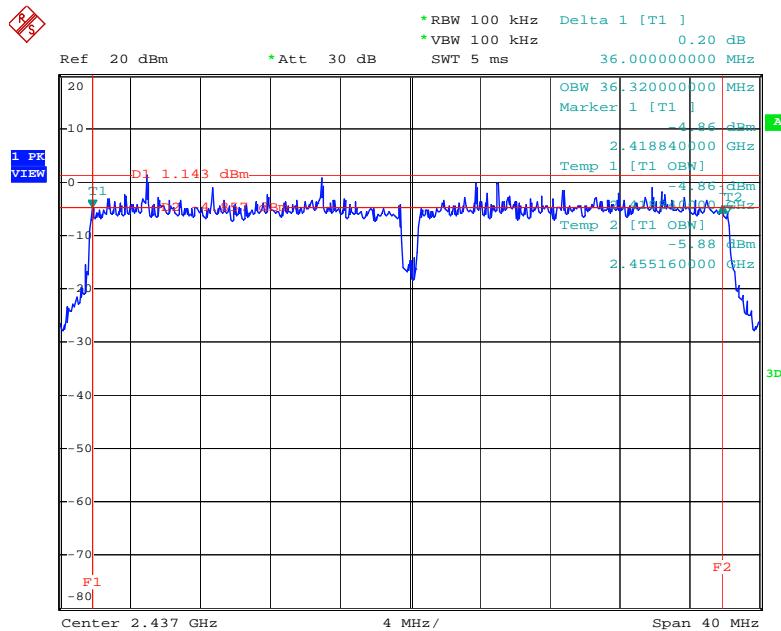
Date: 16.SEP.2009 00:17:09

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 6-1 + Ant. 6-3 / 2422 MHz



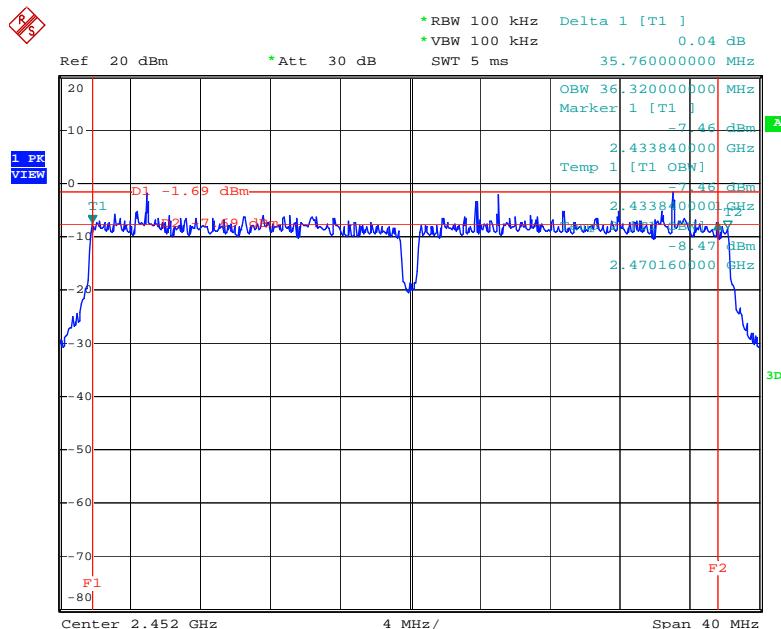
Date: 16.SEP.2009 00:20:02

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 6-1 + Ant. 6-3 / 2437 MHz



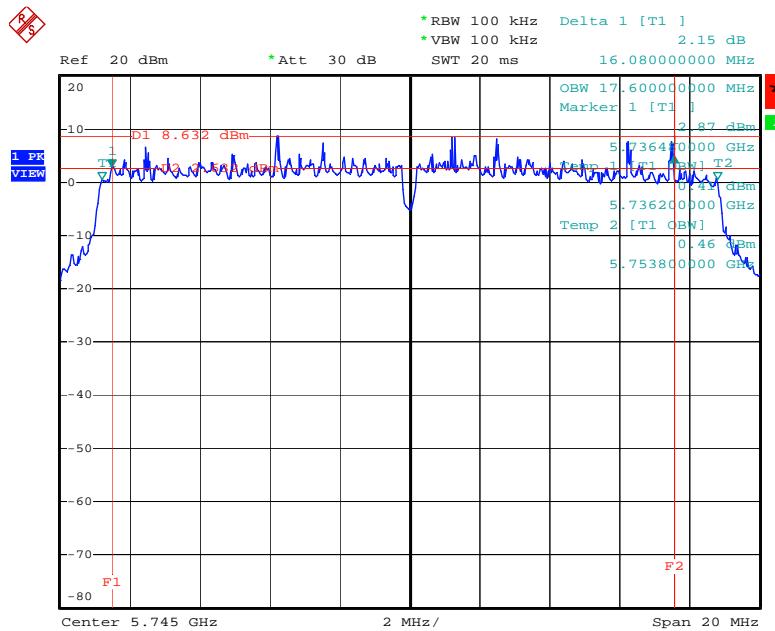
Date: 16.SEP.2009 00:21:13

### 6 dB Bandwidth Plot on Configuration Draft n MCS8 40MHz Ant. 6-1 + Ant. 6-3 / 2452 MHz



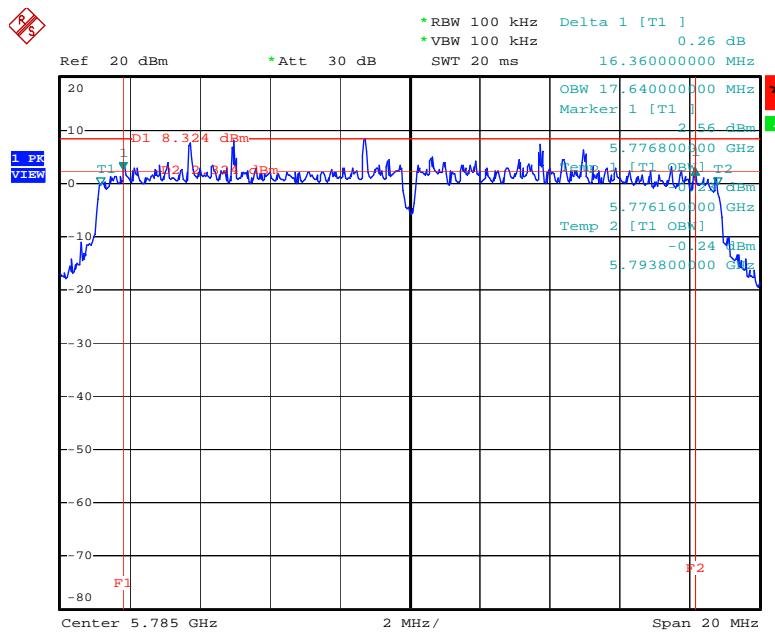
Date: 16.SEP.2009 00:22:19

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 6-1 + Ant. 6-3 / 5745 MHz



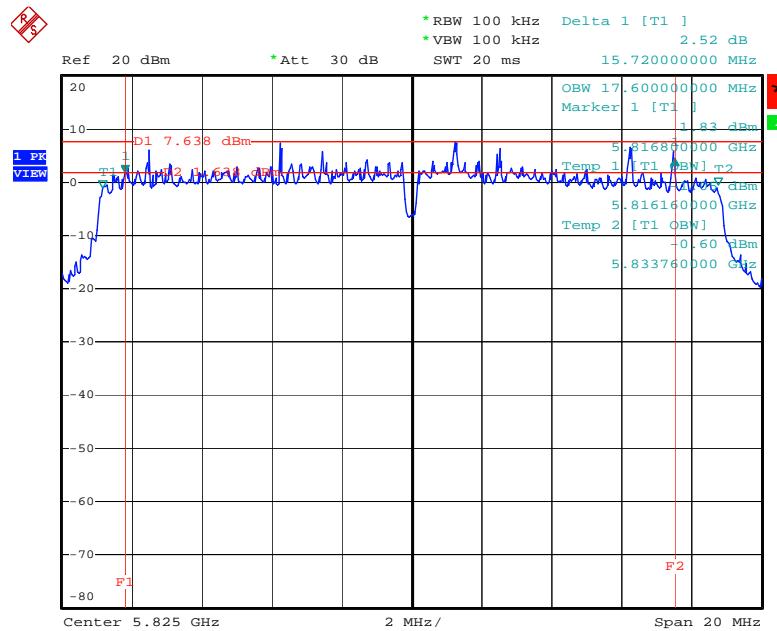
Date: 16.SEP.2009 18:16:56

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 6-1 + Ant. 6-3 / 5785MHz



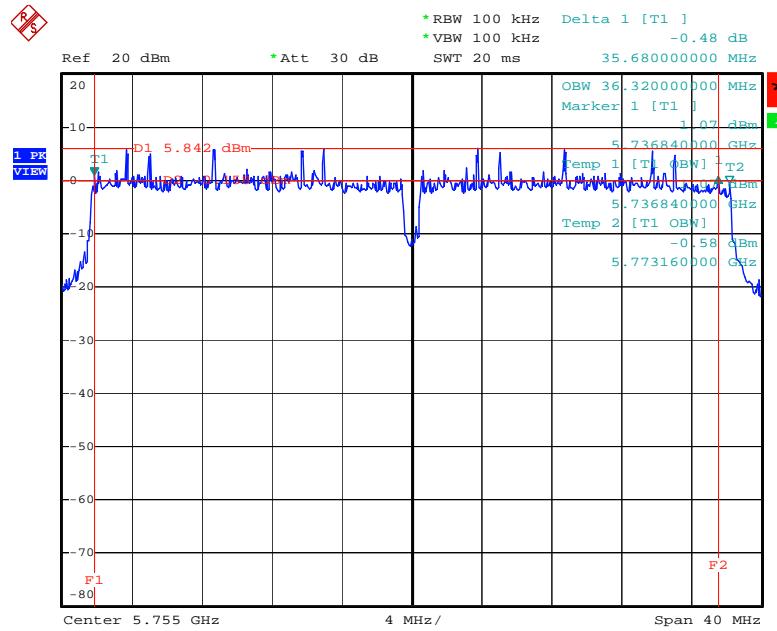
Date: 16.SEP.2009 18:14:20

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 20MHz Ant. 6-1 + Ant. 6-3 / 5825 MHz



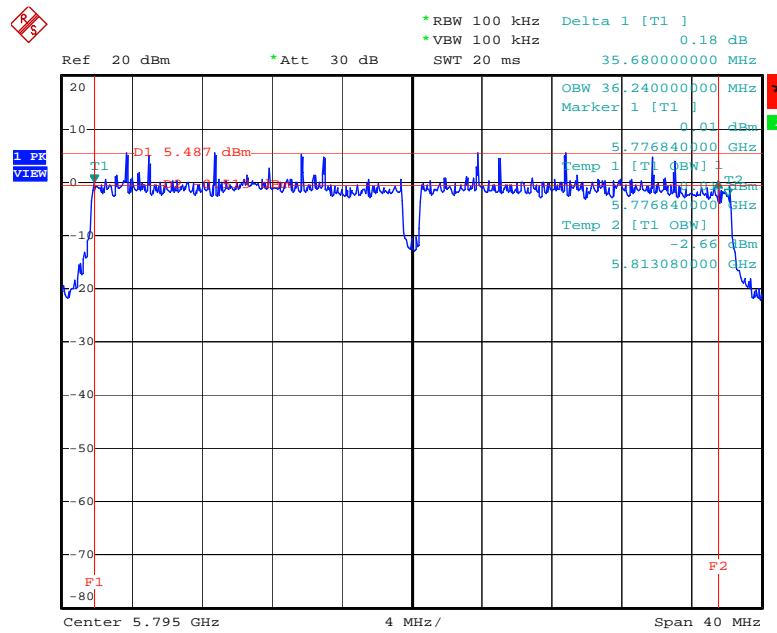
Date: 16.SEP.2009 18:12:07

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 6-1 + Ant. 6-3 / 5755MHz



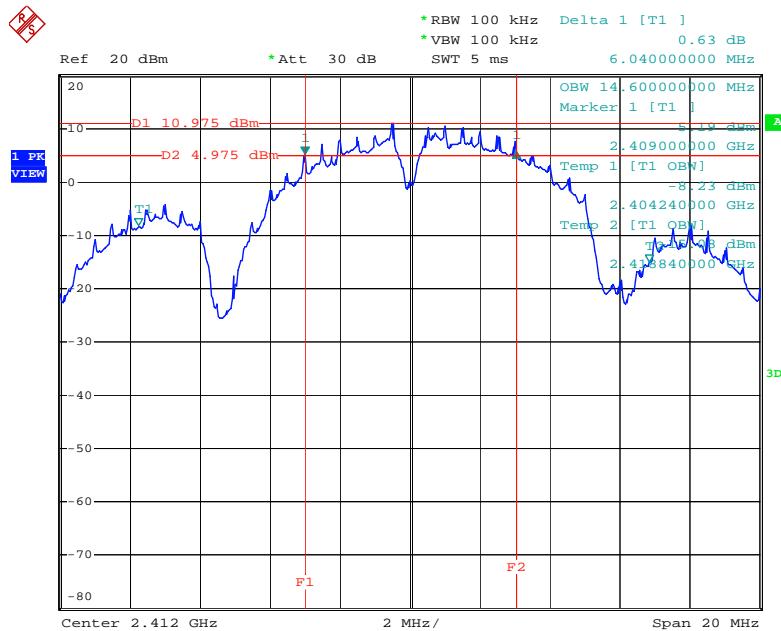
Date: 16.SEP.2009 19:18:54

### 6 dB Bandwidth Plot on Configuration 11a Draft n MCS8 40MHz Ant. 6-1 + Ant. 6-3 / 5795 MHz



Date: 16.SEP.2009 19:22:20

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 6-1 + Ant. 6-3 / 2412 MHz



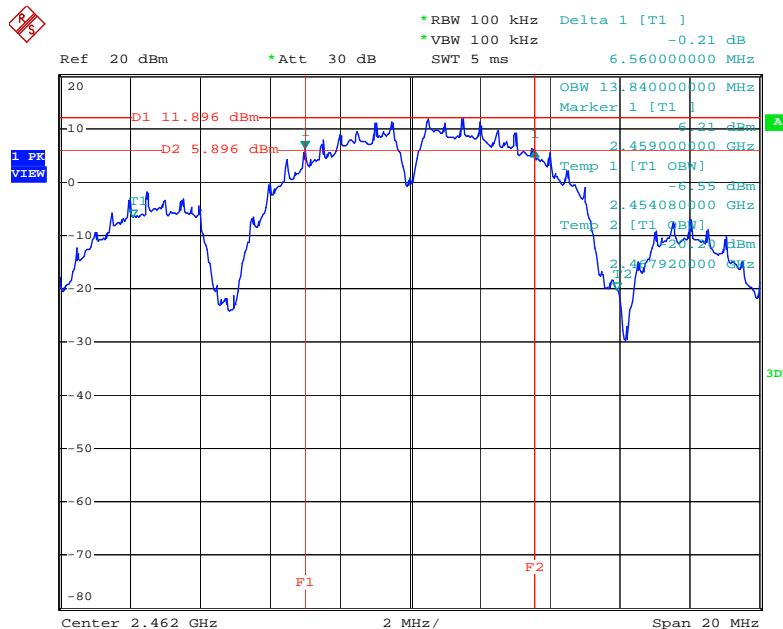
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### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 6-1 + Ant. 6-3 / 2437 MHz



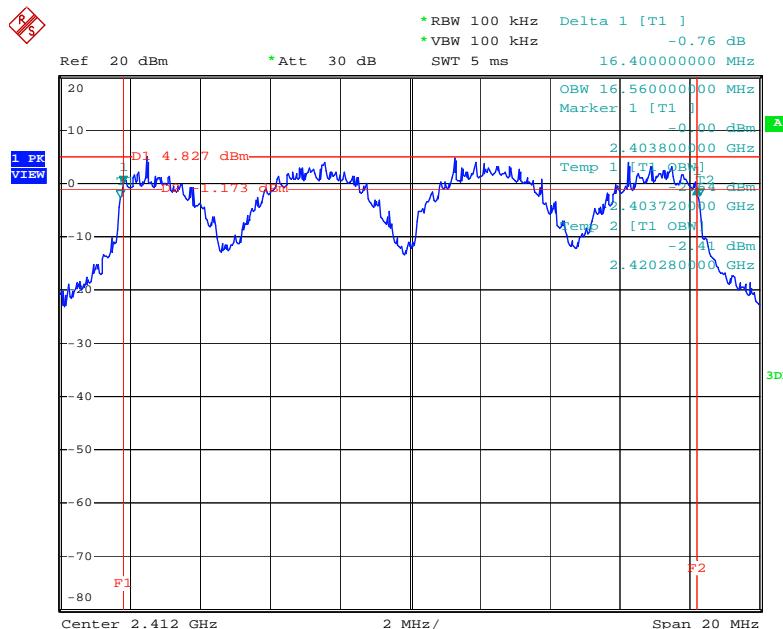
Date: 16.SEP.2009 00:09:29

### 6 dB Bandwidth Plot on Configuration IEEE 802.11b Ant. 6-1 + Ant. 6-3 / 2462 MHz



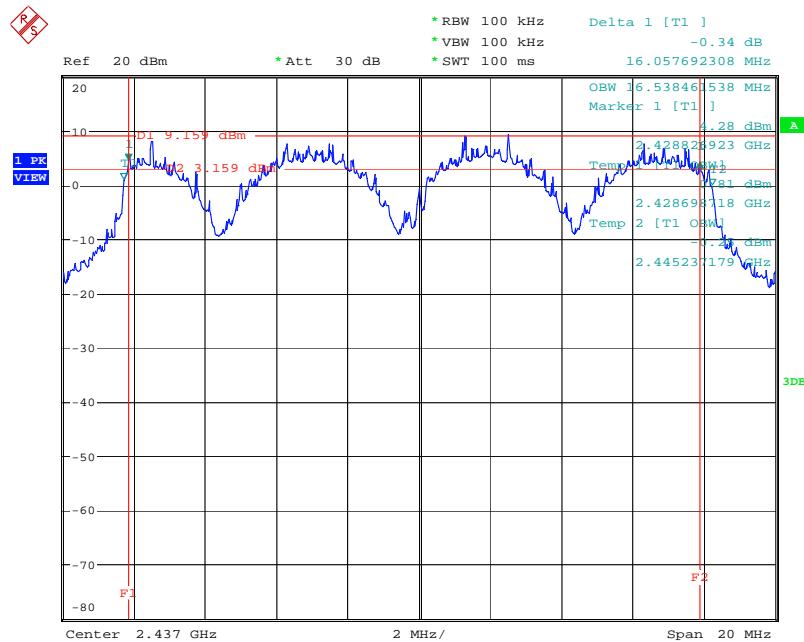
Date: 16.SEP.2009 00:10:14

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 6-1 + Ant. 6-3 / 2412 MHz



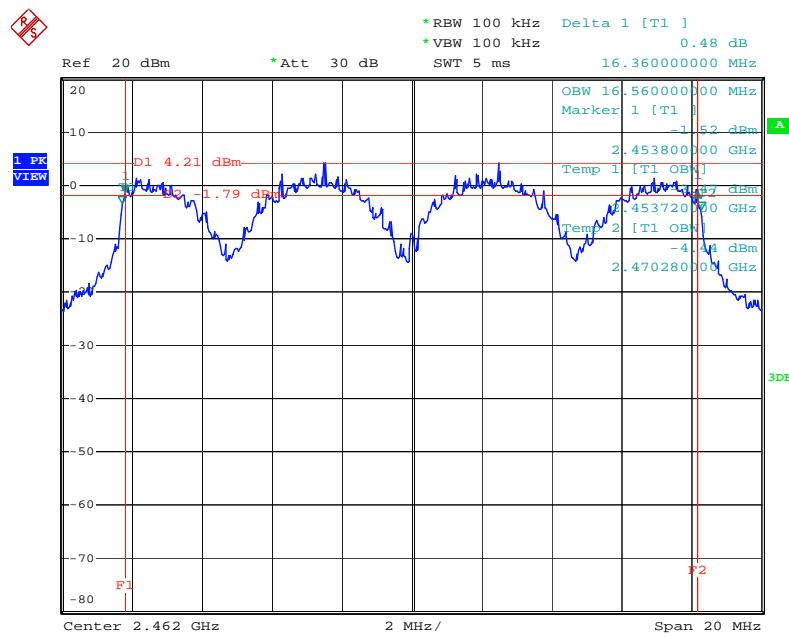
Date: 16.SEP.2009 00:12:03

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 6-1 + Ant. 6-3 / 2437 MHz



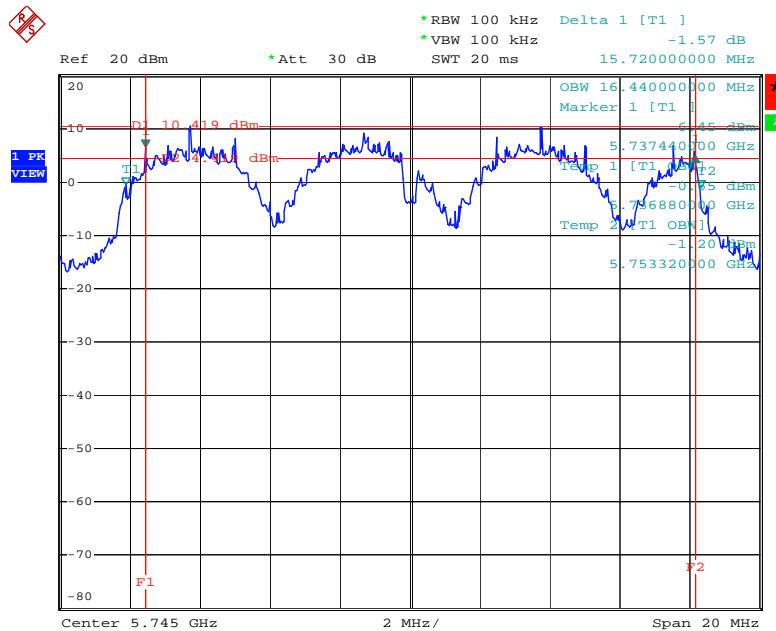
Date: 17.SEP.2009 13:43:12

### 6 dB Bandwidth Plot on Configuration IEEE 802.11g Ant. 6-1 + Ant. 6-3 / 2462 MHz



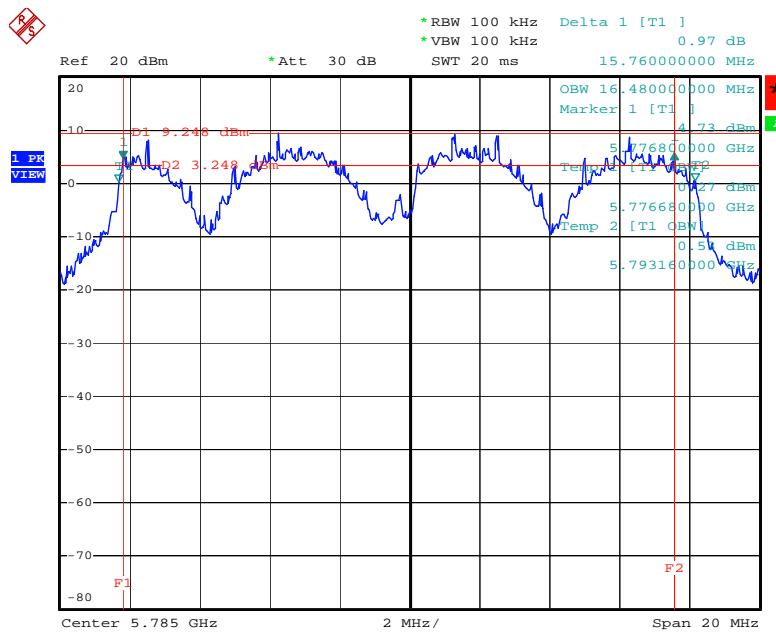
Date: 16.SEP.2009 00:15:08

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 6-1 + Ant. 6-3 / 5745 MHz



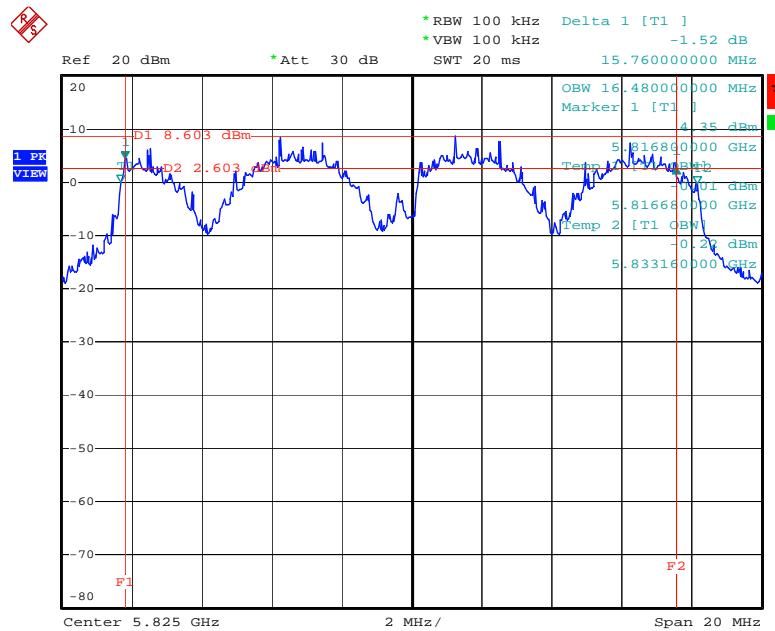
Date: 16.SEP.2009 22:24:30

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 6-1 + Ant. 6-3 / 5785 MHz



Date: 16.SEP.2009 18:07:09

### 6 dB Bandwidth Plot on Configuration IEEE 802.11a Ant. 6-1 + Ant. 6-3 / 5825 MHz



Date: 16.SEP.2009 18:09:00

## 4.5. Radiated Emissions Measurement

### 4.5.1. Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

### 4.5.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 3MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	1MHz / 3MHz for peak

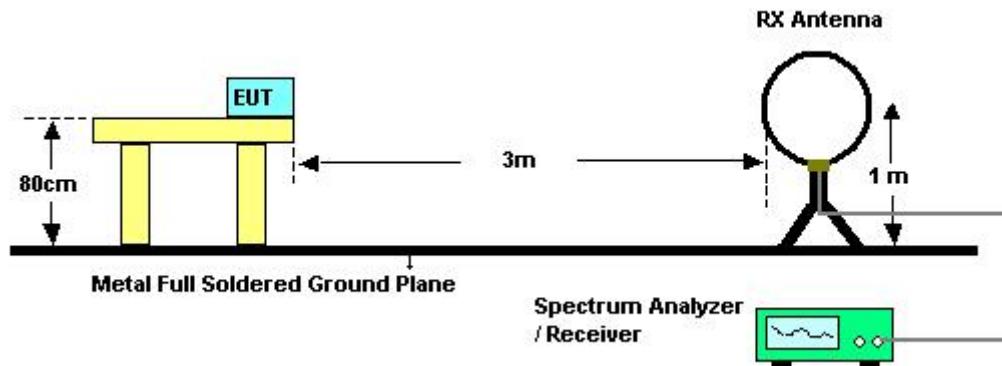
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

#### 4.5.3. Test Procedures

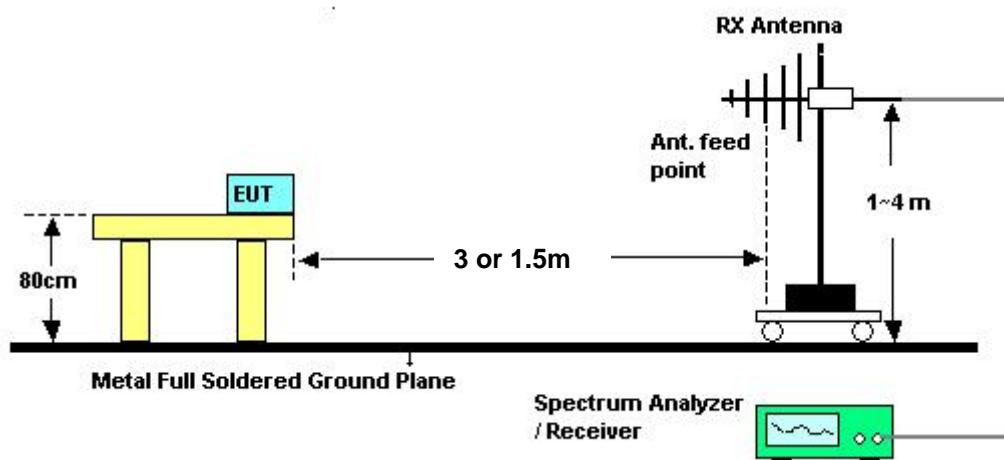
1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

#### 4.5.4. Test Setup Layout

For radiated emissions below 30MHz



For radiated emissions above 30MHz



Above 10 GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

Distance extrapolation factor =  $20 \log (\text{specific distance [3m]} / \text{test distance [1.5m]})$  (dB);

Limit line = specific limits (dB<sub>uV</sub>) + distance extrapolation factor [6 dB].

#### 4.5.5. Test Deviation

There is no deviation with the original standard.

#### 4.5.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



#### 4.5.7. Results of Radiated Emissions (9kHz~30MHz)

Temperature	26.8°C	Humidity	56%
Test Engineer	Beck Wu		

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Limit Line (dBuV)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

Distance extrapolation factor =  $40 \log (\text{specific distance} / \text{test distance})$  (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

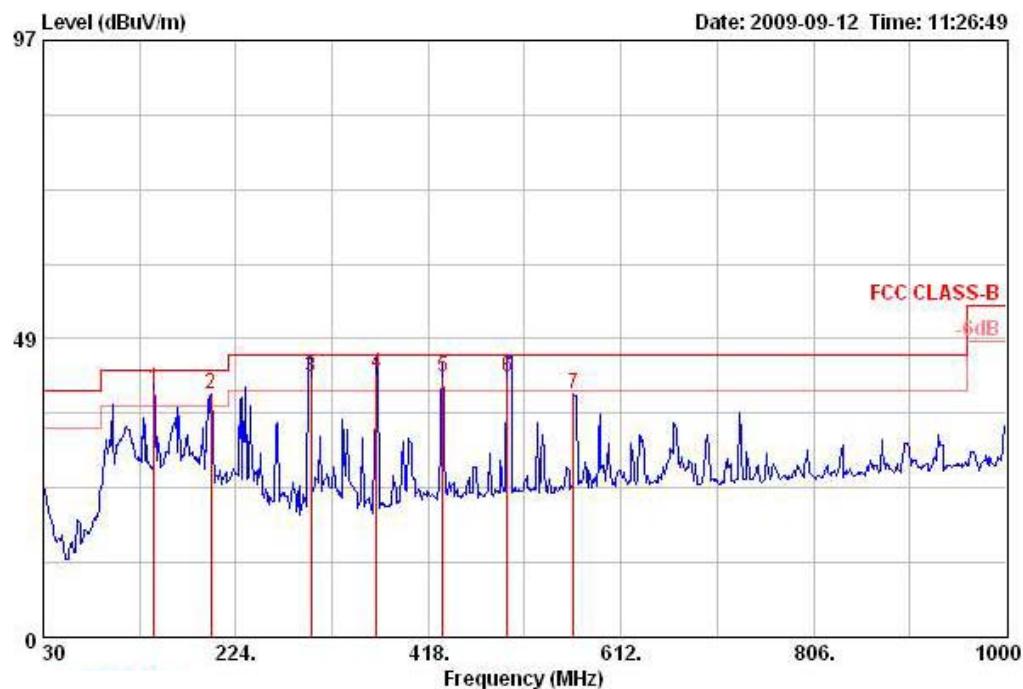


#### 4.5.8. Results of Radiated Emissions (30MHz~1GHz)

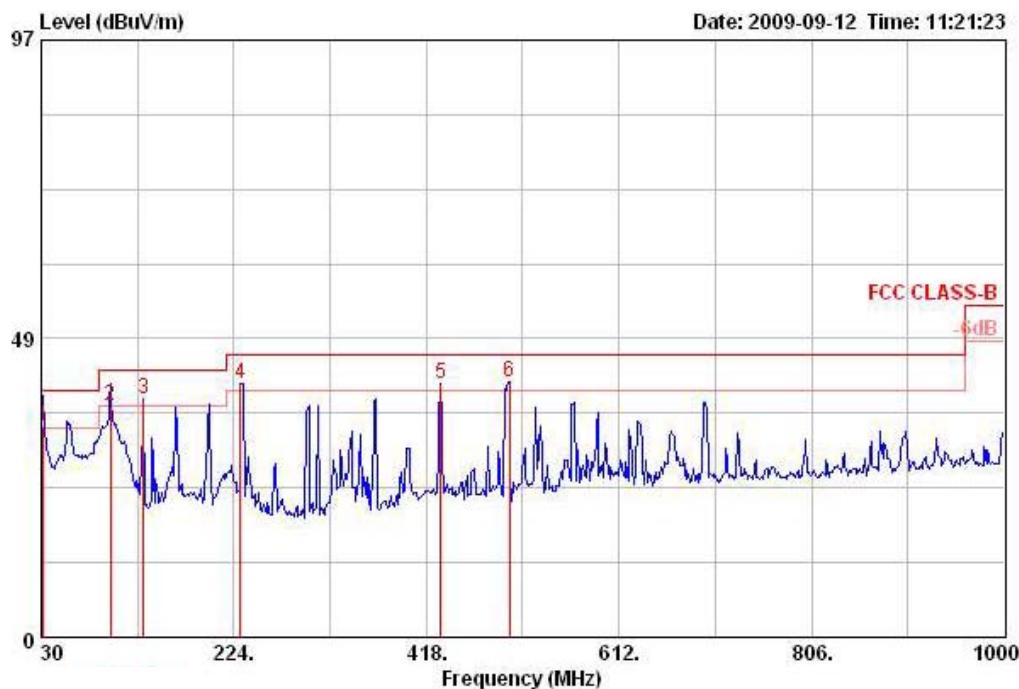
<For Antenna 1>:

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Normal Link / Antenna 1

## **Horizontal**



Freq	Level	Over	Limit	ReadAntenna			Preamp	Cable	Pol/Phase	Table	Rnt
		Limit	Line	Level	Factor	Factor	Loss	Remark		Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
141.550	40.37	-3.13	43.50	54.10	12.26	27.39	1.41	QP	HORIZONTAL	195	100
198.780	39.61	-3.89	43.50	55.77	9.25	27.11	1.70	Peak	HORIZONTAL	0	100
299.660	42.26	-3.74	46.00	53.70	13.36	26.90	2.10	QP	HORIZONTAL	0	100
365.620	42.80	-3.20	46.00	52.78	15.14	27.36	2.23	QP	HORIZONTAL	177	100
432.550	42.30	-3.70	46.00	51.00	16.57	27.76	2.50	QP	HORIZONTAL	192	100
497.540	42.39	-3.61	46.00	50.20	17.58	28.09	2.69	QP	HORIZONTAL	188	100
564.470	39.46	-6.54	46.00	46.37	18.36	28.10	2.83	Peak	HORIZONTAL	0	100

**Vertical**

Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Table	Ant	
		Limit	Line	Level	Factor	Factor	Loss			
1 !	31.940	34.21	-5.79	40.00	43.82	17.69	27.80	0.50 QP	VERTICAL	20 100
2 !	99.840	37.70	-5.80	43.50	53.11	10.99	27.60	1.20 QP	VERTICAL	186 100
3 !	132.820	38.58	-4.92	43.50	52.39	12.28	27.43	1.33 Peak	VERTICAL	0 400
4 !	230.790	41.17	-4.83	46.00	55.04	11.34	27.04	1.82 Peak	VERTICAL	0 400
5 !	432.550	41.28	-4.72	46.00	49.97	16.57	27.76	2.50 Peak	VERTICAL	0 400
6 !	501.420	41.46	-4.54	46.00	49.22	17.64	28.10	2.70 Peak	VERTICAL	0 400

**Note:**

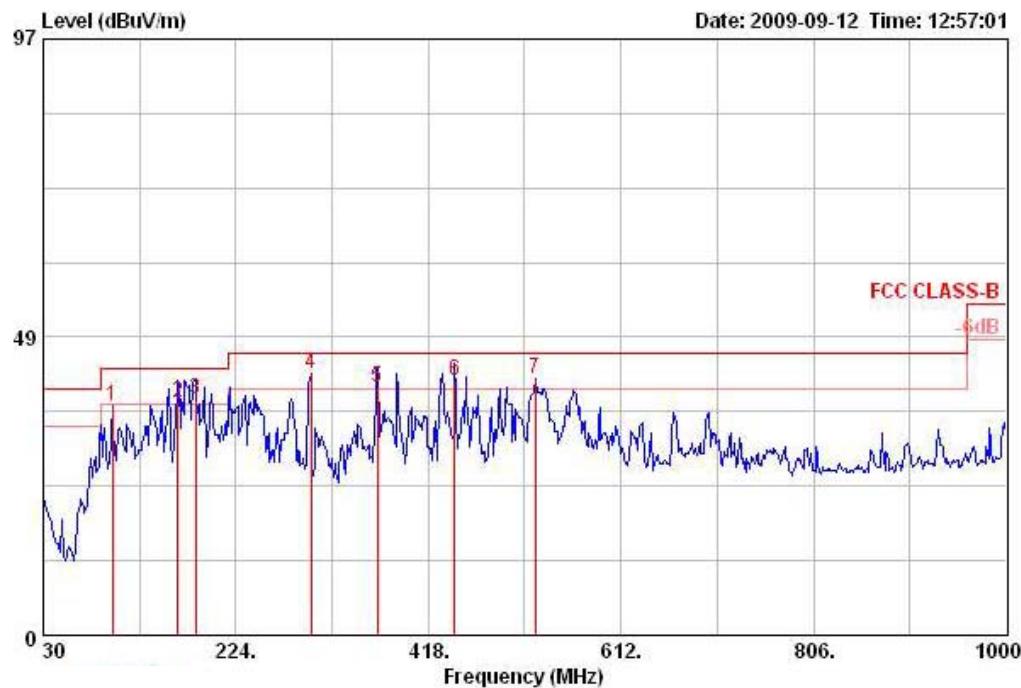
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

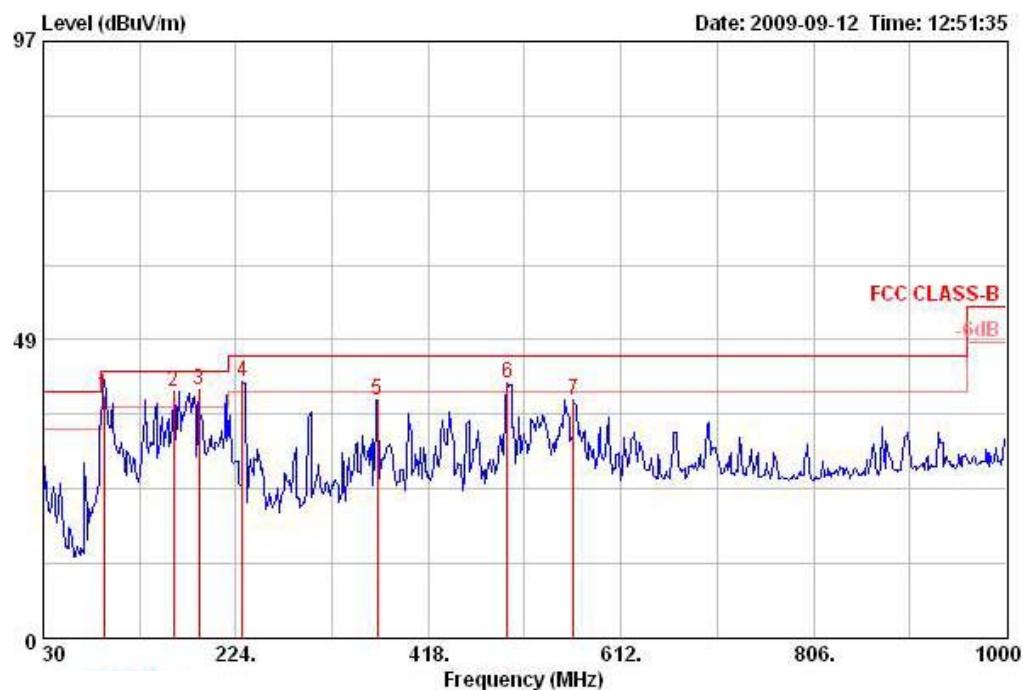
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

**<For Antenna 2>:**

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Normal Link / Antenna 2

**Horizontal**


Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Remark	Pol/Phase	Table	Ant
		Limit	Line	Level	Factor	Factor	Cable			Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			deg	cm
1	99.840	37.21	-6.29	43.50	52.62	10.99	27.60	1.20 Peak	HORIZONTAL	0	100
2 !	165.800	37.89	-5.61	43.50	51.17	12.47	27.27	1.53 QP	HORIZONTAL	36	100
3 !	183.260	38.40	-5.10	43.50	51.44	12.53	27.18	1.62 QP	HORIZONTAL	178	100
4 @	299.660	42.60	-3.40	46.00	54.05	13.36	26.90	2.10 Peak	HORIZONTAL	0	100
5 !	366.590	40.33	-5.67	46.00	50.29	15.17	27.37	2.23 QP	HORIZONTAL	193	100
6 !	444.190	41.37	-4.63	46.00	49.87	16.75	27.82	2.57 QP	HORIZONTAL	166	100
7 !	525.670	41.75	-4.25	46.00	49.18	17.92	28.10	2.75 Peak	HORIZONTAL	0	100

**Vertical**


Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Remark	Pol/Phase	Table	Ant
		Limit	Line	Level	Factor	Factor	Loss			Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB				deg	cm
1 !	91.110	39.63	-3.87	43.50	56.98	9.18	27.64	1.10 QP	VERTICAL	23	100
2 !	160.950	40.05	-3.45	43.50	53.73	12.10	27.29	1.50 Peak	VERTICAL	0	400
3 @	187.140	40.35	-3.15	43.50	54.17	11.71	27.16	1.63 Peak	VERTICAL	0	400
4 !	230.790	41.74	-4.26	46.00	55.62	11.34	27.04	1.82 Peak	VERTICAL	0	400
5	366.590	38.66	-7.34	46.00	48.63	15.17	27.37	2.23 Peak	VERTICAL	0	400
6 !	497.540	41.47	-4.53	46.00	49.28	17.58	28.09	2.69 Peak	VERTICAL	0	400
7	564.470	38.79	-7.21	46.00	45.70	18.36	28.10	2.83 Peak	VERTICAL	0	400

**Note:**

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

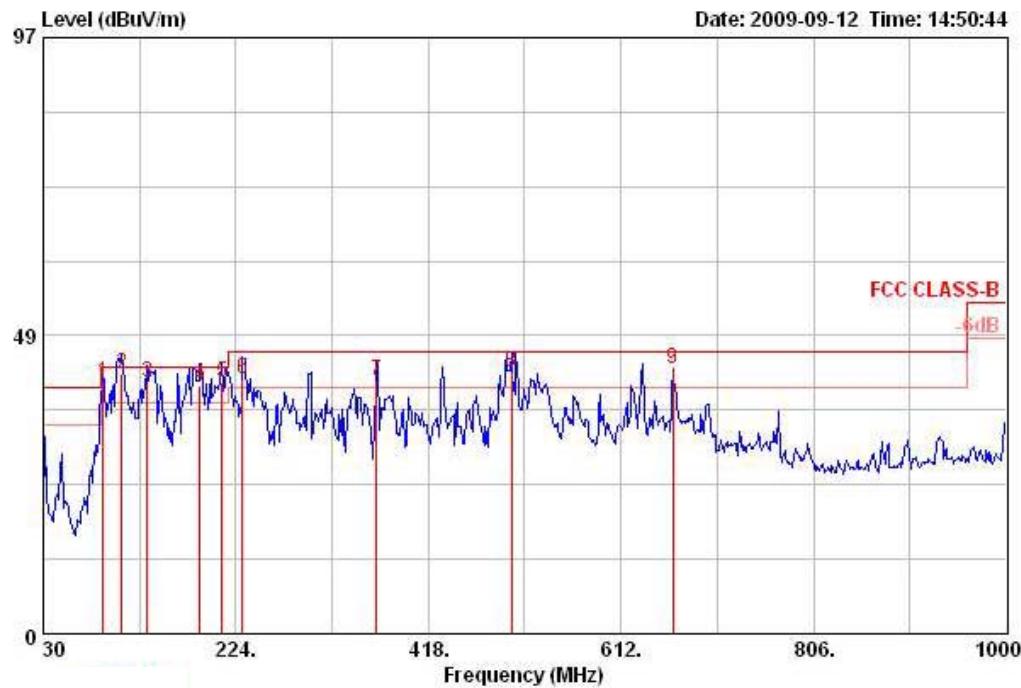
Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

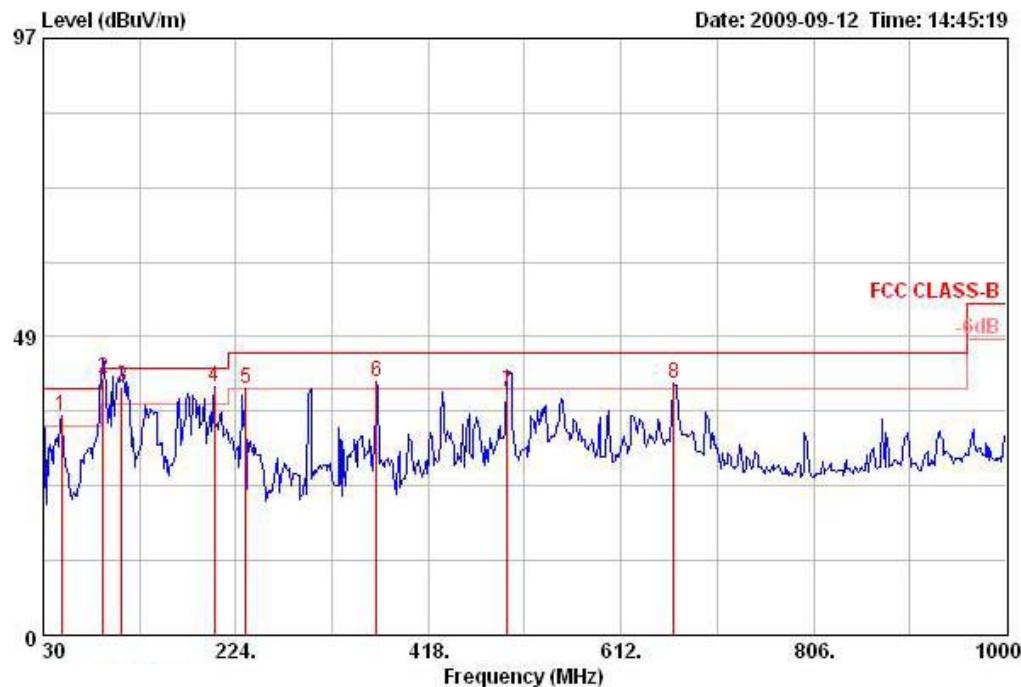
<For Antenna 3>:

Temperature	26.8°C	Humidity	56%
Test Engineer	Beck Wu	Configurations	Normal Link / Antenna 3

**Horizontal**



Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Remark	Pol/Phase	Table	Ant
		Limit	Line	Level	Factor	Factor	Cable			Pos	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			deg	cm
1 !	90.140	40.90	-2.60	43.50	58.46	8.98	27.64	1.10 QP	HORIZONTAL	180	210
2 @	109.540	42.18	-1.32	43.50	56.81	11.72	27.56	1.20 QP	HORIZONTAL	178	189
3 !	134.760	41.00	-2.50	43.50	54.77	12.30	27.43	1.35 QP	HORIZONTAL	182	100
4 !	188.110	40.25	-3.25	43.50	54.26	11.50	27.16	1.64 QP	HORIZONTAL	192	100
5 !	210.420	40.81	-2.69	43.50	56.31	9.84	27.08	1.74 QP	HORIZONTAL	169	100
6 !	230.790	41.54	-4.46	46.00	55.42	11.34	27.04	1.82 QP	HORIZONTAL	168	100
7 !	365.620	41.10	-4.90	46.00	51.08	15.14	27.36	2.23 QP	HORIZONTAL	184	100
8 !	501.420	42.46	-3.54	46.00	50.22	17.64	28.10	2.70 QP	HORIZONTAL	190	100
9 !	664.380	43.00	-3.00	46.00	48.62	18.98	28.04	3.44 Peak	HORIZONTAL	0	100

**Vertical**

Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Table	Pos	Ant	
		Limit	Line	Level	Factor	Factor	Loss				
		MHz	dBuV/m		dB	dBuV/m	dB				
1 !	48.430	35.52	-4.48	40.00	53.50	9.13	27.80	0.70 Peak	VERTICAL	0	400
2 !	90.140	41.66	-1.84	43.50	59.22	8.98	27.64	1.10 QP	VERTICAL	169	100
3 !	109.540	40.48	-3.02	43.50	55.11	11.72	27.56	1.20 QP	VERTICAL	188	100
4 !	202.660	40.30	-3.20	43.50	56.42	9.26	27.09	1.71 Peak	VERTICAL	0	400
5 !	233.700	40.16	-5.84	46.00	53.80	11.55	27.03	1.83 Peak	VERTICAL	0	400
6 !	365.620	41.17	-4.83	46.00	51.15	15.14	27.36	2.23 Peak	VERTICAL	0	400
7	497.540	39.50	-6.50	46.00	47.31	17.58	28.09	2.69 QP	VERTICAL	183	100
8 !	665.350	40.88	-5.12	46.00	46.50	18.98	28.03	3.44 Peak	VERTICAL	0	400

**Note:**

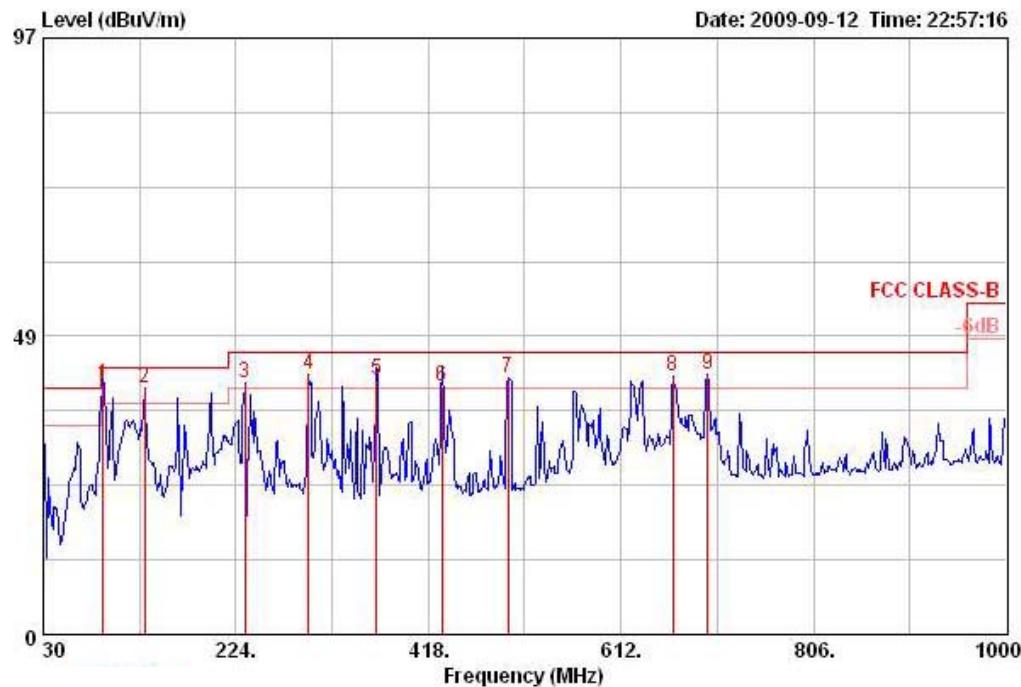
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

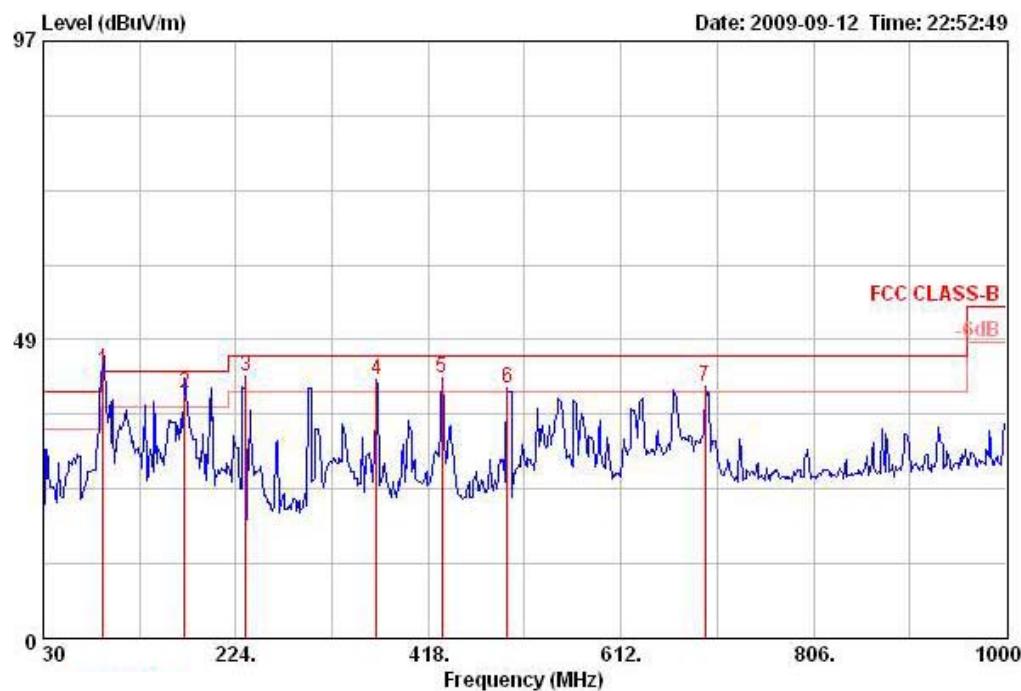
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

&lt;For Antenna 4&gt;:

Temperature	26.8°C	Humidity	56%
Test Engineer	Beck Wu	Configurations	Normal Link / Antenna 4

**Horizontal**

Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Remark	Pol/Phase	Table	Ant
		Limit	Line	Level	Factor	Factor	Cable			Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	deg	cm			
1 @	90.140	40.67	-2.83	43.50	58.23	8.98	27.64	1.10 QP	HORIZONTAL	183	200
2 @	131.850	39.97	-3.53	43.50	53.81	12.28	27.44	1.32 Peak	HORIZONTAL	0	100
3 @	232.730	40.80	-5.20	46.00	54.52	11.48	27.03	1.83 Peak	HORIZONTAL	0	100
4 @	297.720	42.16	-3.84	46.00	53.63	13.34	26.91	2.09 Peak	HORIZONTAL	0	100
5 @	365.620	41.49	-4.51	46.00	51.47	15.14	27.36	2.23 QP	HORIZONTAL	185	198
6 @	431.580	40.40	-5.60	46.00	49.11	16.56	27.76	2.49 QP	HORIZONTAL	169	200
7 @	498.510	41.73	-4.27	46.00	49.52	17.60	28.09	2.70 Peak	HORIZONTAL	0	100
8 @	664.380	42.03	-3.97	46.00	47.65	18.98	28.04	3.44 Peak	HORIZONTAL	0	100
9 @	699.300	42.27	-3.73	46.00	47.88	19.09	28.00	3.30 Peak	HORIZONTAL	0	100

**Vertical**

Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Remark	Pol/Phase	Table	Ant
		Limit	Line	Level	Factor	Factor	Loss			deg	cm
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB				
1 @	90.140	43.30	-0.20	43.50	60.86	8.98	27.64	1.10 QP	VERTICAL	187	100
2 @	172.590	39.79	-3.71	43.50	52.49	12.97	27.23	1.56 QP	VERTICAL	178	100
3 @	233.700	42.50	-3.50	46.00	56.14	11.55	27.03	1.83 Peak	VERTICAL	0	400
4 @	365.620	41.88	-4.12	46.00	51.86	15.14	27.36	2.23 Peak	VERTICAL	0	400
5 @	431.580	42.39	-3.61	46.00	51.10	16.56	27.76	2.49 Peak	VERTICAL	0	400
6 @	497.540	40.72	-5.28	46.00	48.53	17.58	28.09	2.69 Peak	VERTICAL	0	400
7 @	696.390	40.94	-5.06	46.00	46.54	19.08	28.00	3.32 Peak	VERTICAL	0	400

**Note:**

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

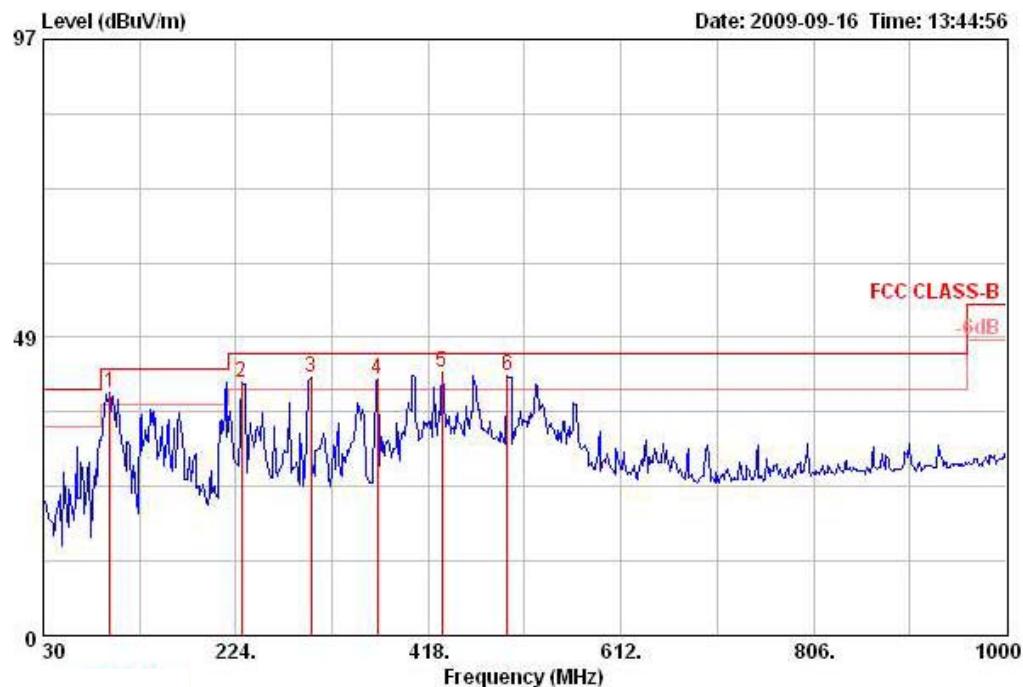
Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

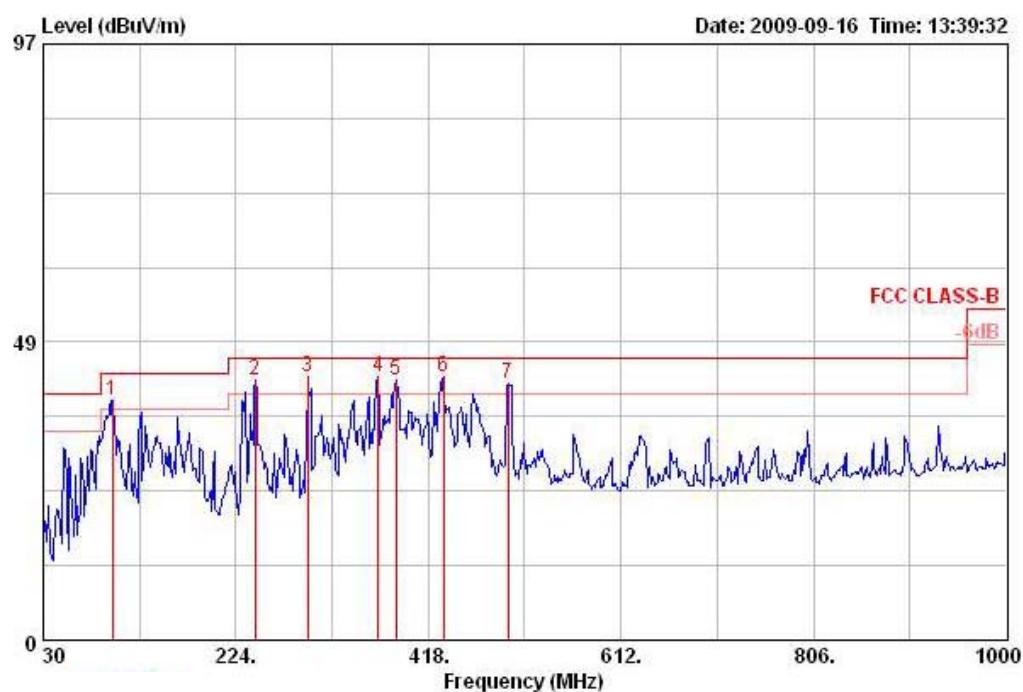
<For Antenna 5>:

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Normal Link / Antenna 5

*Horizontal*



Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Table	Pos	Ant	
		Limit	Line	Level	Factor	Factor	Cable				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB				
1 !	96.930	39.51	-3.99	43.50	55.60	10.39	27.62	1.14 Peak	HORIZONTAL	0	100
2 !	229.820	41.23	-4.77	46.00	55.19	11.27	27.04	1.82 Peak	HORIZONTAL	0	100
3 !	299.660	42.10	-3.90	46.00	53.54	13.36	26.90	2.10 Peak	HORIZONTAL	0	100
4 !	366.590	41.80	-4.20	46.00	51.76	15.17	27.37	2.23 Peak	HORIZONTAL	0	100
5 @	431.580	42.71	-3.29	46.00	51.42	16.56	27.76	2.49 Peak	HORIZONTAL	315	100
6 !	497.540	42.35	-3.65	46.00	50.16	17.58	28.09	2.69 Peak	HORIZONTAL	0	100

**Vertical**

Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Table	Pos	Ant	
		Limit	Line	Level	Factor	Factor	Loss				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB				
1 !	99.840	39.04	-4.46	43.50	54.45	10.99	27.60	1.20 Peak	VERTICAL	0	400
2 !	243.400	42.22	-3.78	46.00	55.09	12.27	27.01	1.87 Peak	VERTICAL	0	400
3 @	296.750	42.96	-3.04	46.00	54.45	13.33	26.91	2.09 Peak	VERTICAL	213	100
4 @	367.560	42.79	-3.21	46.00	52.74	15.19	27.38	2.24 Peak	VERTICAL	0	400
5 !	385.020	42.22	-3.78	46.00	51.77	15.67	27.49	2.27 Peak	VERTICAL	0	400
6 !	433.520	42.70	-3.30	46.00	51.37	16.59	27.76	2.50 Peak	VERTICAL	0	400
7 !	498.510	41.69	-4.31	46.00	49.48	17.60	28.09	2.70 Peak	VERTICAL	0	400

**Note:**

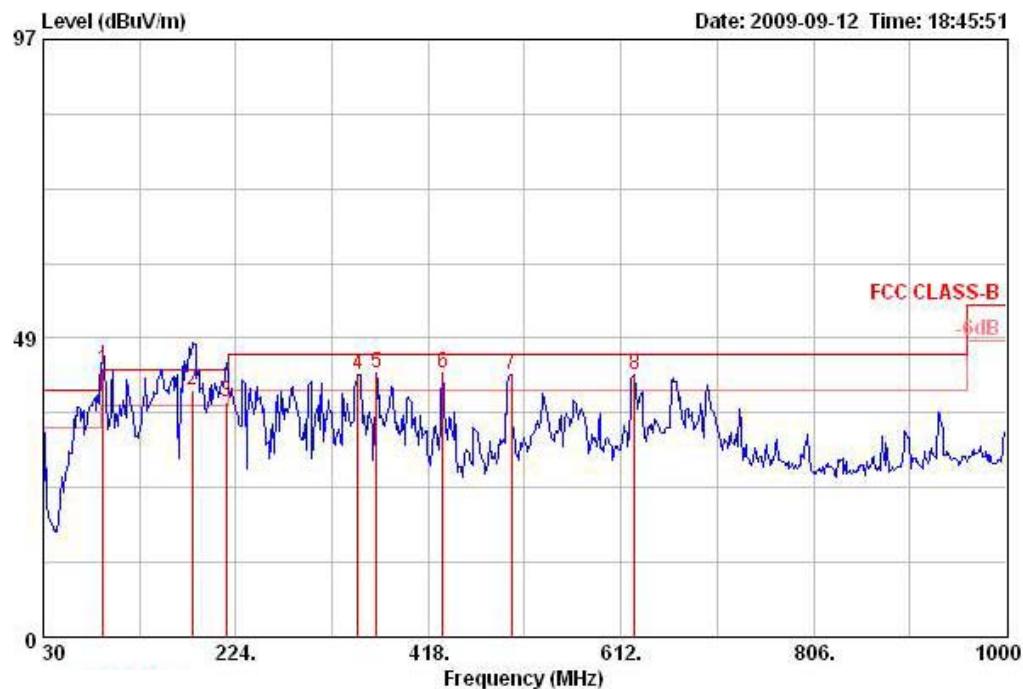
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

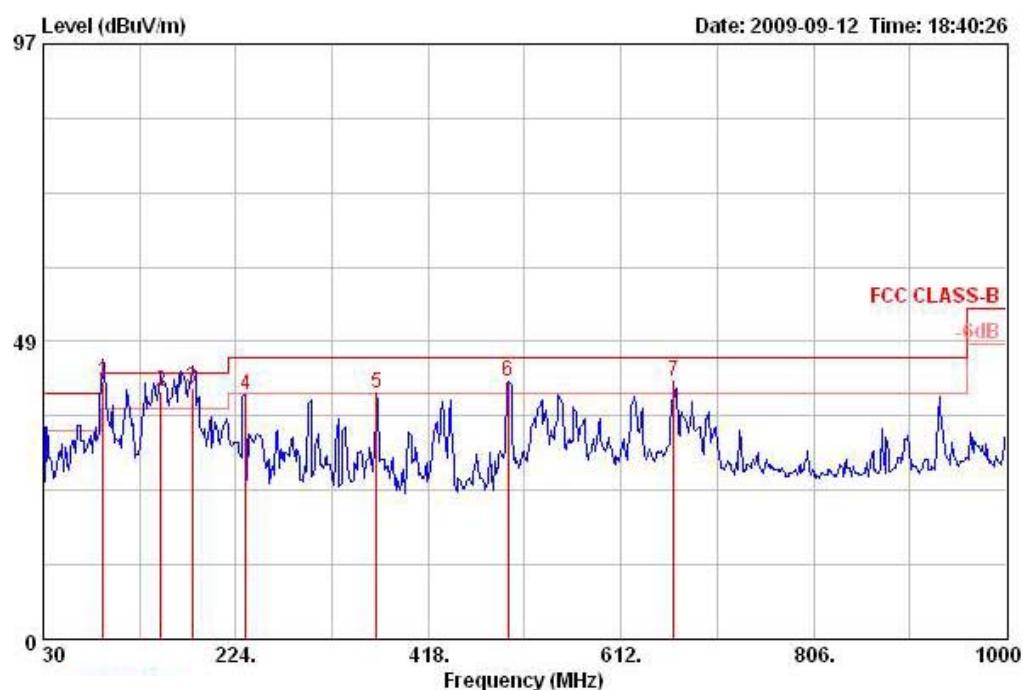
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

&lt;For Antenna 6&gt;:

Temperature	26.8°C	Humidity	56%
Test Engineer	Beck Wu	Configurations	Normal Link / Antenna 6

**Horizontal**

Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Table	Pos	
		Line	Limit	Level	Factor	Factor	Cable			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	deg	cm	
1 @	90.140	43.44	-0.06	43.50	61.00	8.98	27.64	1.10 QP	HORIZONTAL	190 224
2 !	180.350	40.20	-3.30	43.50	52.66	13.14	27.20	1.60 QP	HORIZONTAL	182 200
3 !	214.300	38.01	-5.49	43.50	53.20	10.12	27.07	1.76 QP	HORIZONTAL	182 100
4 !	347.190	42.65	-3.35	46.00	53.04	14.64	27.23	2.19 Peak	HORIZONTAL	0 100
5 !	365.620	42.85	-3.15	46.00	52.84	15.14	27.36	2.23 Peak	HORIZONTAL	0 100
6 !	432.550	42.78	-3.22	46.00	51.47	16.57	27.76	2.50 Peak	HORIZONTAL	0 100
7 !	501.420	42.61	-3.39	46.00	50.37	17.64	28.10	2.70 Peak	HORIZONTAL	0 100
8 !	625.580	42.55	-3.45	46.00	48.72	18.85	28.07	3.05 Peak	HORIZONTAL	0 100

**Vertical**


Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Remark	Pol/Phase	Table	Ant
		Limit	Line	Level	Factor	Factor	Loss			Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB				deg	cm
1 !	90.140	42.14	-1.36	43.50	59.70	8.98	27.64	1.10 QP	VERTICAL	176	100
2 !	148.340	40.29	-3.21	43.50	54.26	11.94	27.36	1.45 QP	VERTICAL	199	100
3 !	180.350	40.76	-2.74	43.50	53.22	13.14	27.20	1.60 QP	VERTICAL	169	100
4	233.700	39.82	-6.18	46.00	53.47	11.55	27.03	1.83 Peak	VERTICAL	0	400
5 !	365.620	40.16	-5.84	46.00	50.14	15.14	27.36	2.23 Peak	VERTICAL	0	400
6 !	498.510	41.93	-4.07	46.00	49.72	17.60	28.09	2.70 Peak	VERTICAL	0	400
7 !	665.350	41.95	-4.05	46.00	47.56	18.98	28.03	3.44 Peak	VERTICAL	0	400

**Note:**

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

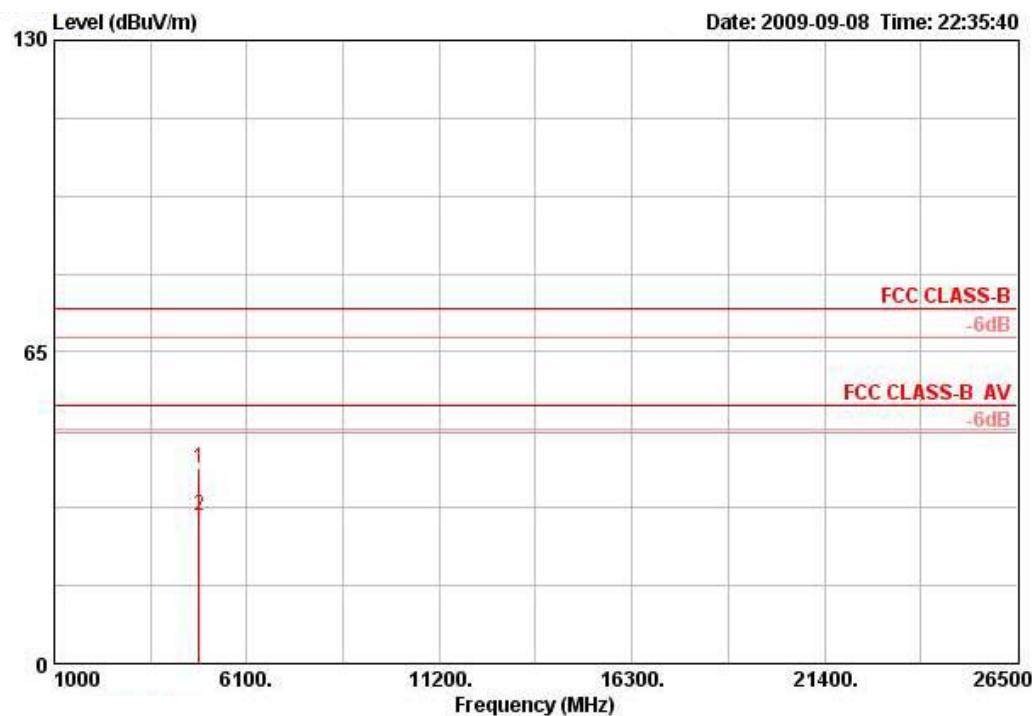
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

#### 4.5.9. Results for Radiated Emissions (1GHz~10<sup>th</sup> Harmonic)

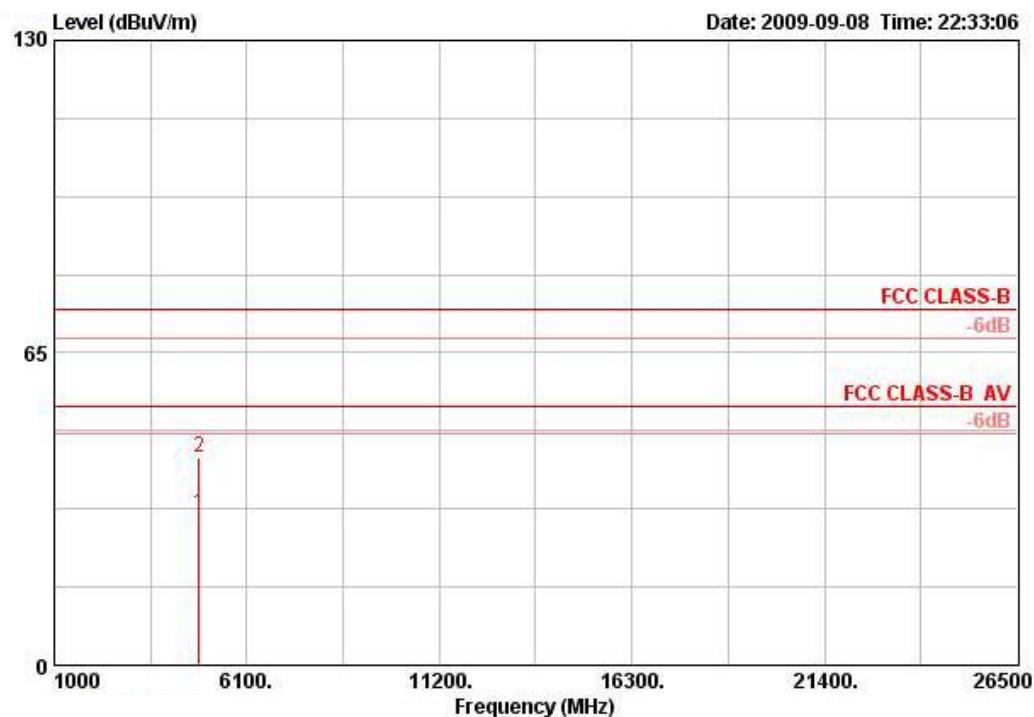
<For Antenna 1>:

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 20MHz Ch 1 / Antenna 1

*Horizontal*

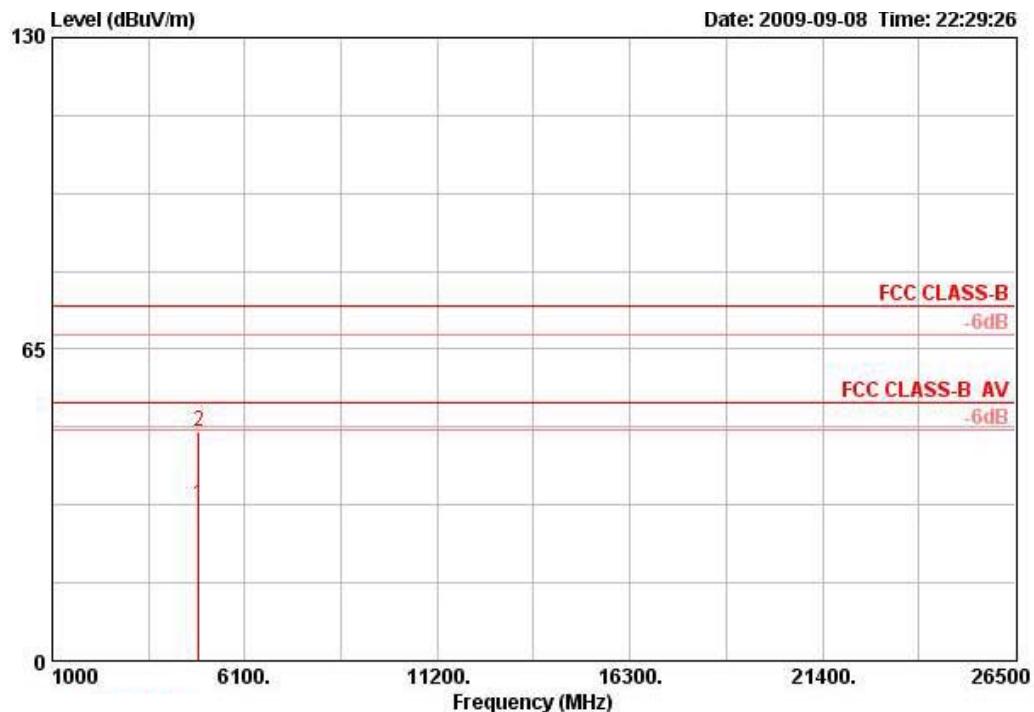


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dBuV/m									
1	4824.092	40.90	74.00	-33.10	38.92	3.96	35.04	33.06	356	102	PEAK	HORIZONTAL
2	4824.452	30.93	54.00	-23.07	28.95	3.96	35.04	33.06	356	102	AVERAGE	HORIZONTAL

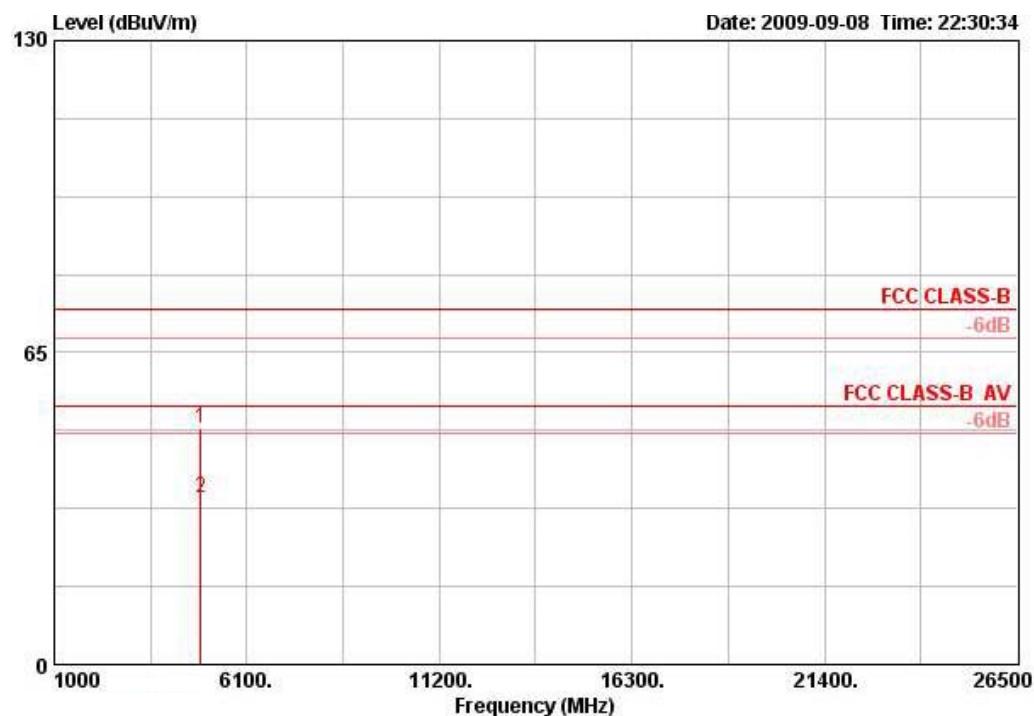
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	4824.026	31.39	54.00	-22.61	29.41	3.96	35.04	33.06	82	115	AVERAGE	VERTICAL	
2	4824.104	43.17	74.00	-30.83	41.19	3.96	35.04	33.06	82	115	PEAK	VERTICAL	

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 20MHz Ch 6 / Antenna 1

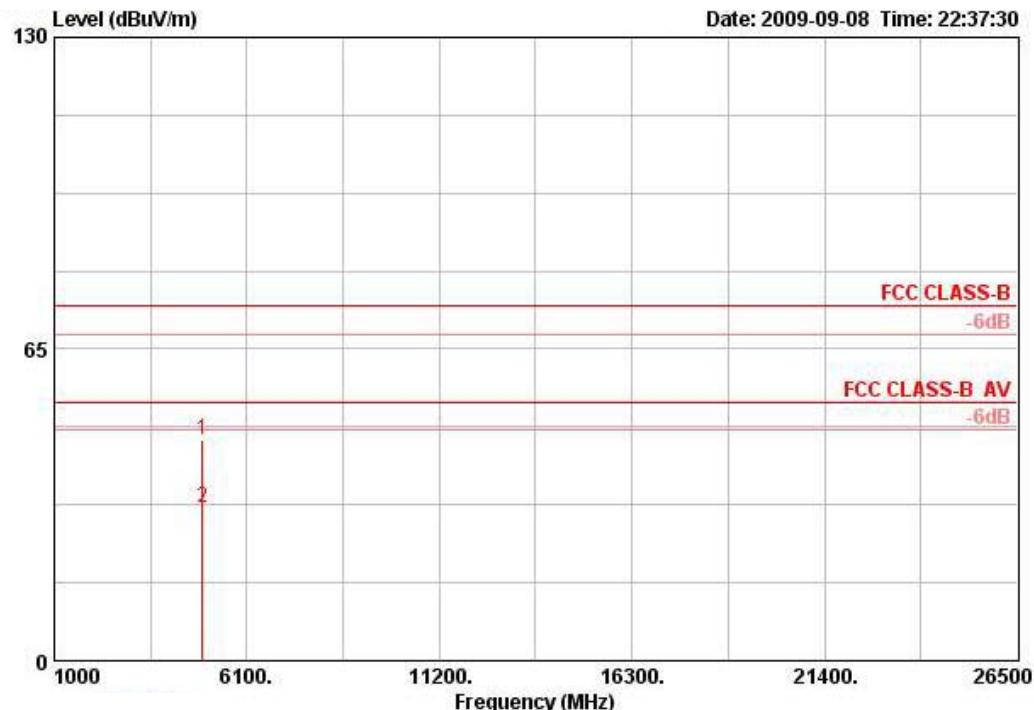
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	Line	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4873.470	32.46	54.00	-21.54	30.36	3.97	35.03	33.16	352	108	AVERAGE	HORIZONTAL
2	4873.960	47.71	74.00	-26.29	45.61	3.97	35.03	33.16	352	108	PEAK	HORIZONTAL

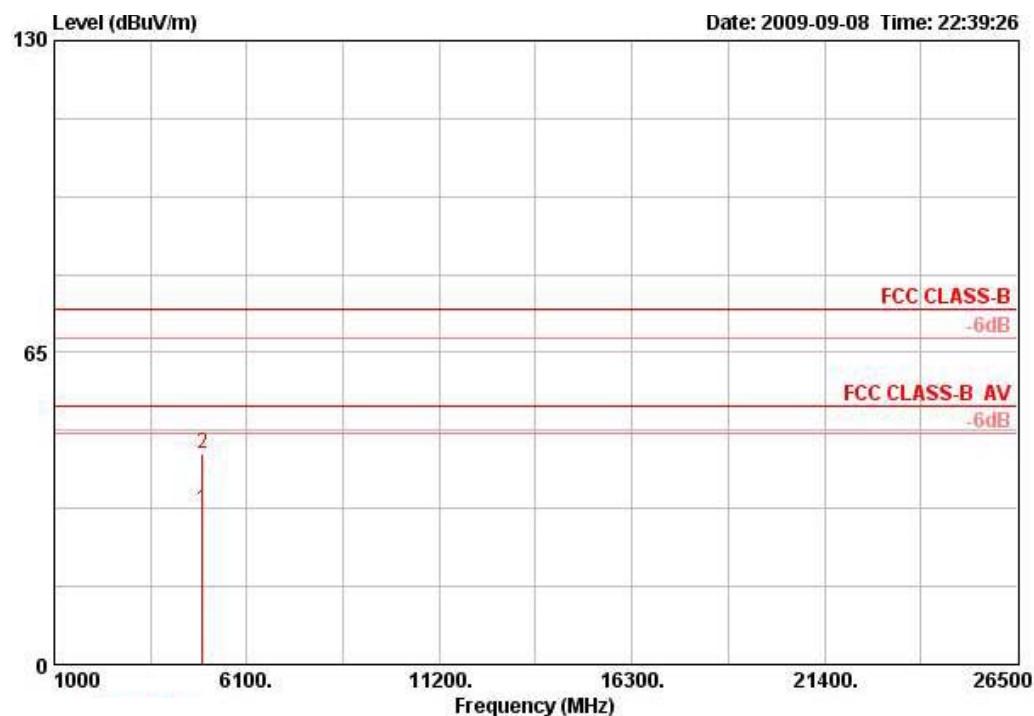
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4874.010	49.11	74.00	-24.89	47.01	3.97	35.03	33.16	46	113	PEAK	VERTICAL
2 @	4874.010	34.70	54.00	-19.30	32.60	3.97	35.03	33.16	46	113	AVERAGE	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 20MHz Ch11 / Antenna 1

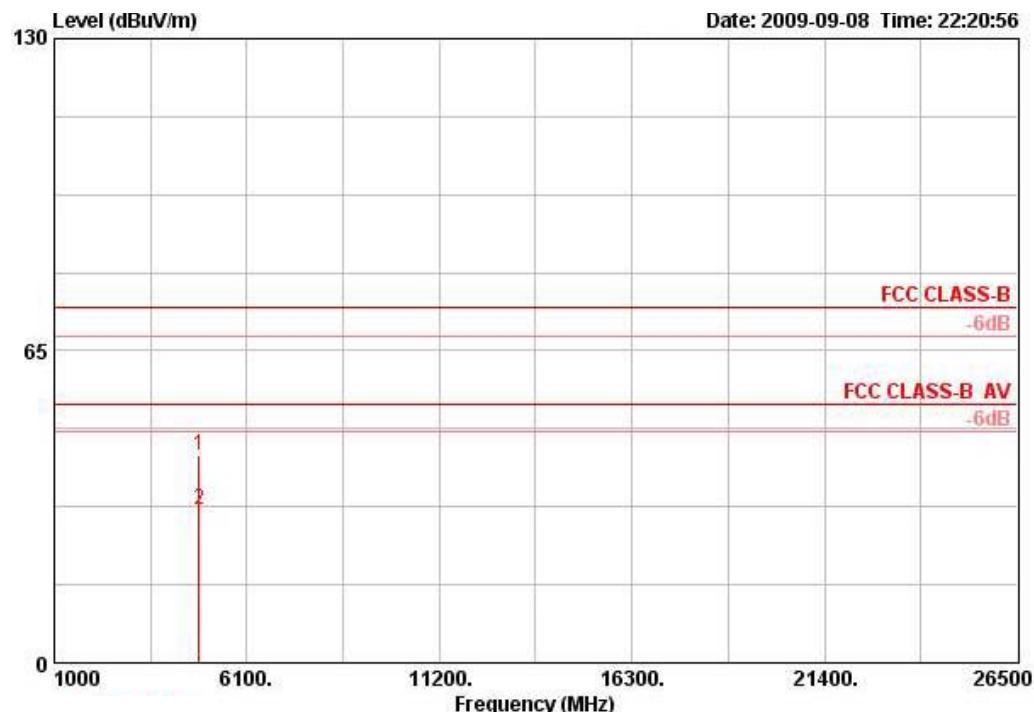
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable	Preamplifier	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB	dB				
1	4923.944	45.89	74.00	-28.11	43.68	3.97	35.02	33.26	12	100	PEAK	HORIZONTAL
2	4924.360	31.78	54.00	-22.22	29.56	3.97	35.02	33.26	12	100	AVERAGE	HORIZONTAL

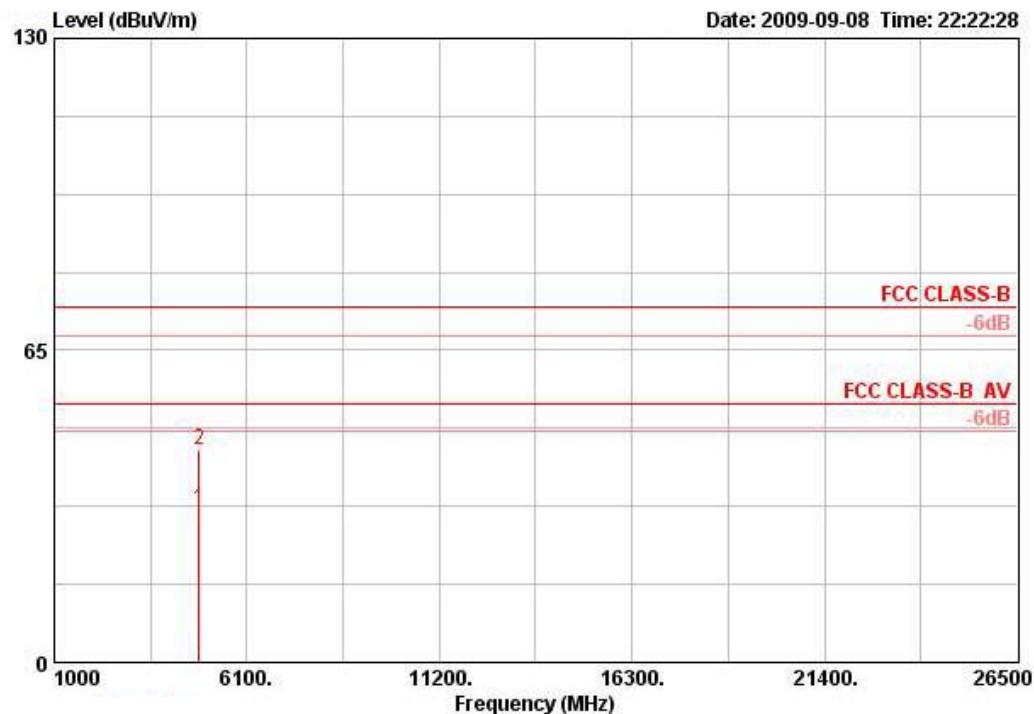
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4924.020	32.15	54.00	-21.85	29.93	3.97	35.02	33.26	46	113	AVERAGE	VERTICAL
2	4924.408	44.01	74.00	-29.99	41.80	3.97	35.02	33.26	46	113	PEAK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 40MHz Ch 3 / Antenna 1

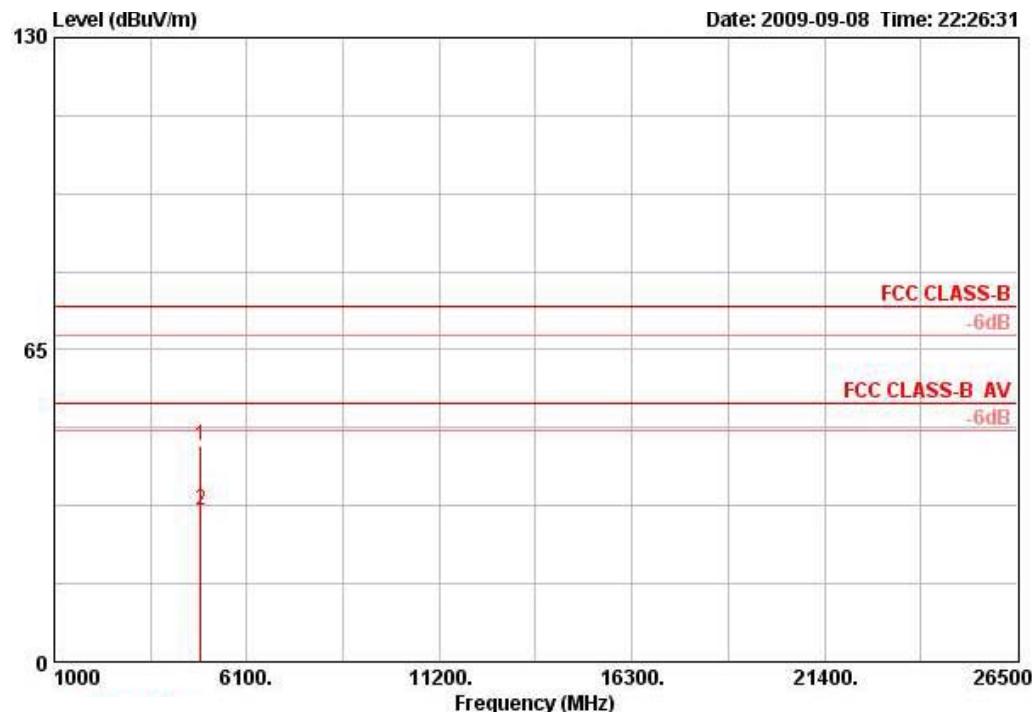
**Horizontal**

Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB									
1	4844.364	43.30	74.00	-30.70	41.28	3.96	35.03	33.09	84	103	PEAK	HORIZONTAL
2	4844.860	31.83	54.00	-22.17	29.81	3.96	35.03	33.09	84	103	AVERAGE	HORIZONTAL

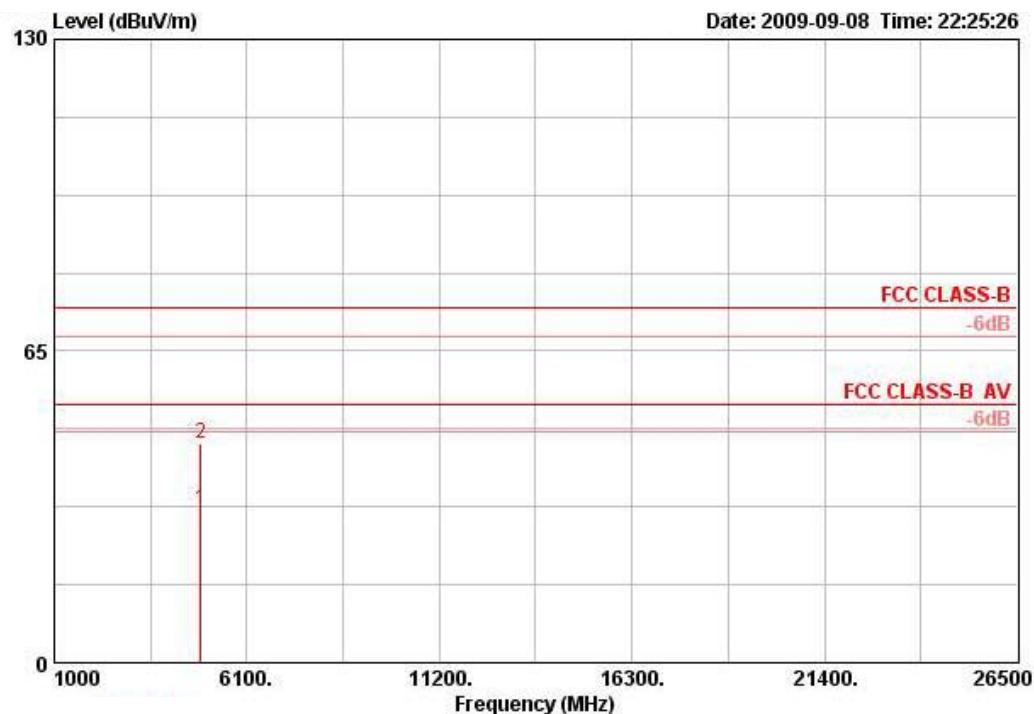
*Vertical*


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	4843.180	31.80	54.00	-22.20	29.79	3.96	35.04	33.09	351	103	AVERAGE	VERTICAL
2	4844.156	44.27	74.00	-29.73	42.25	3.96	35.03	33.09	351	103	PEAK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 40MHz Ch 6 / Antenna 1

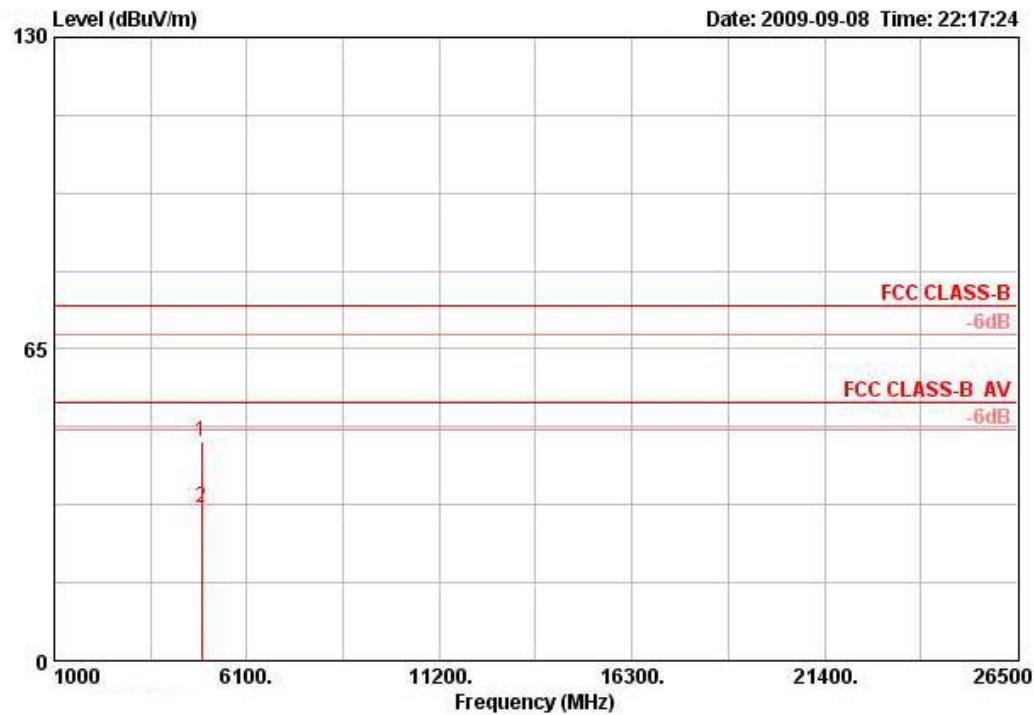
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB									
1	4873.256	44.92	74.00	-29.08	43.41	3.94	35.08	32.64	360	109	PEAK	HORIZONTAL
2	4873.516	31.68	54.00	-22.32	29.58	3.97	35.03	33.16	360	109	AVERAGE	HORIZONTAL

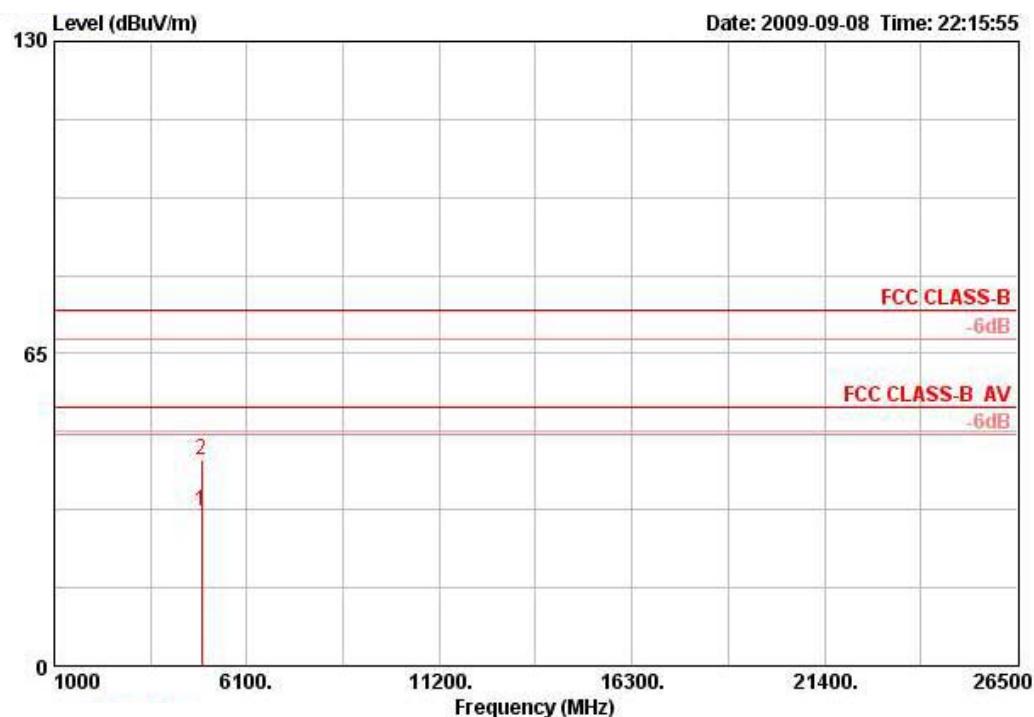
*Vertical*


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	4873.596	31.96	54.00	-22.04	29.86	3.97	35.03	33.16	0	101	AVERAGE	VERTICAL
2	4873.984	45.54	74.00	-28.46	43.44	3.97	35.03	33.16	0	101	PERK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 40MHz Ch 9 / Antenna 1

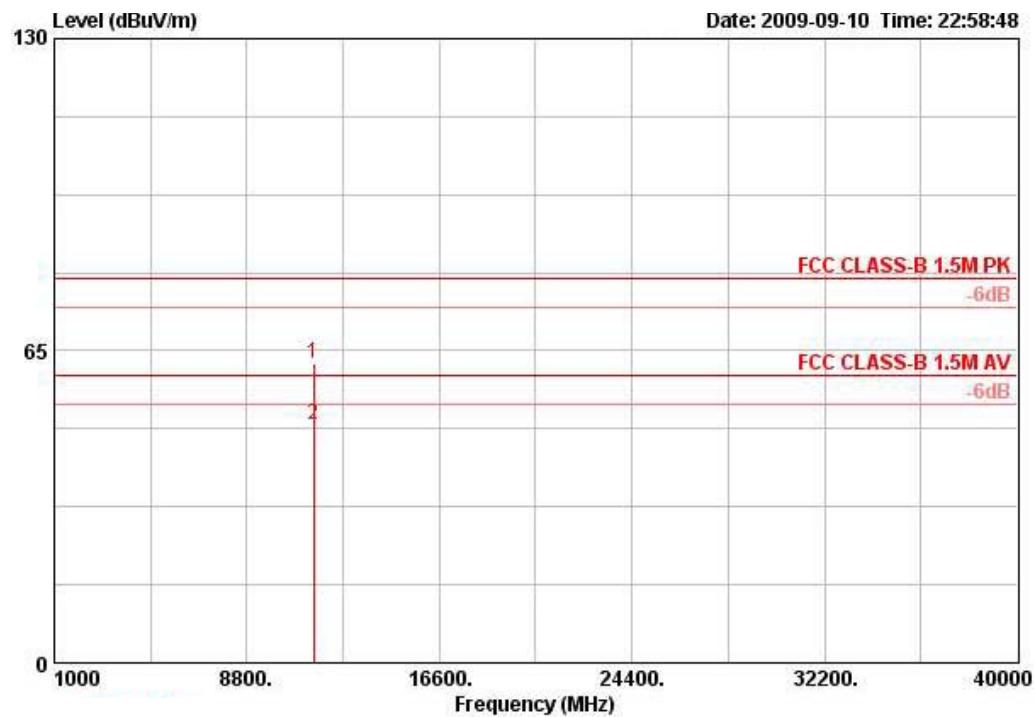
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB									
1	4904.460	45.70	74.00	-28.30	43.56	3.97	35.02	33.19	70	103	PEAK	HORIZONTAL
2	4904.860	31.98	54.00	-22.02	29.81	3.97	35.02	33.23	70	103	AVERAGE	HORIZONTAL

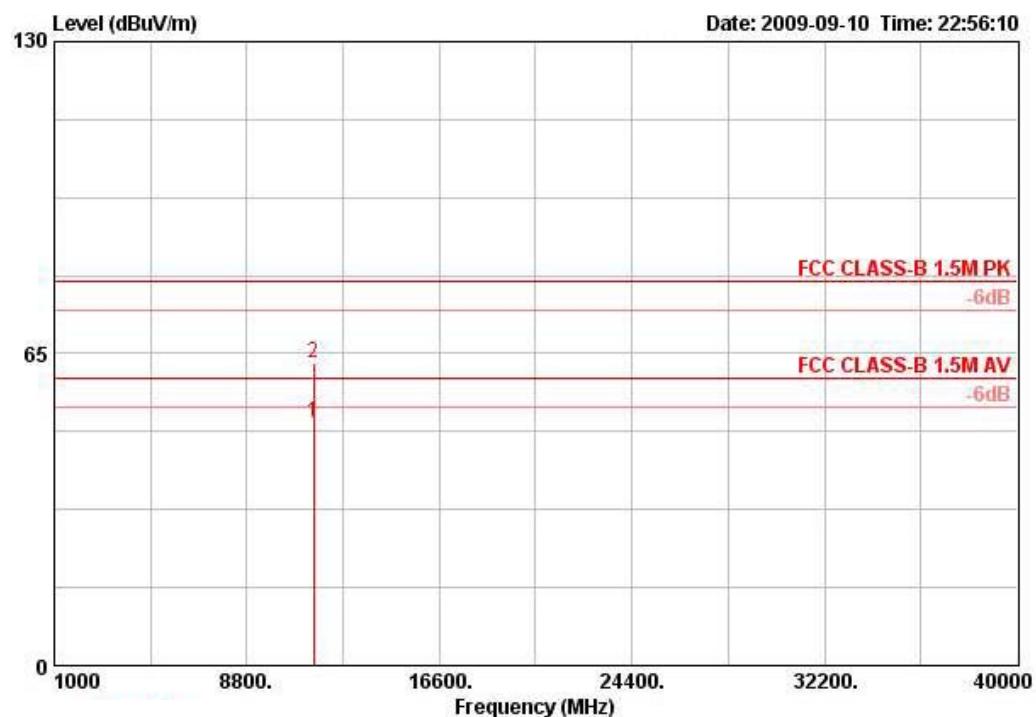
*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	4903.756	32.24	54.00	-21.76	30.10	3.97	35.02	33.19	353	100	AVERAGE	VERTICAL
2	4903.756	42.88	74.00	-31.12	40.74	3.97	35.02	33.19	353	100	PERK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	11a Draft n MCS8 20MHz CH 149 / Antenna 1

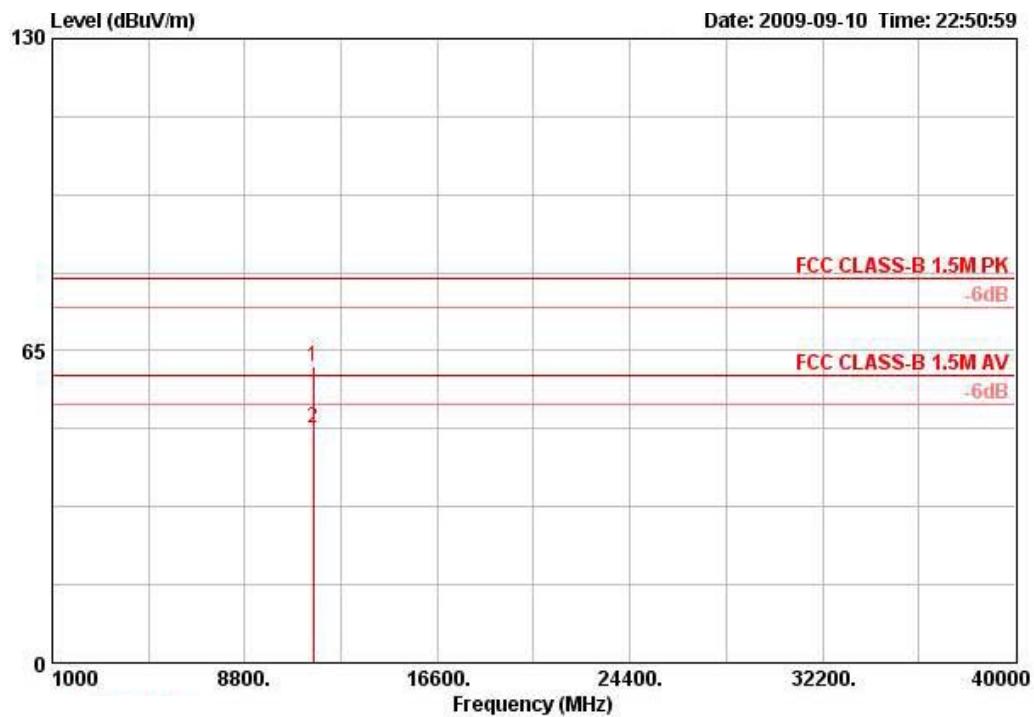
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB									
1	11490.560	62.38	80.00	-17.62	52.15	6.74	35.29	38.78	209	102	PEAK	HORIZONTAL
2 @	11491.000	49.73	60.00	-10.27	39.49	6.74	35.29	38.78	209	102	AVERAGE	HORIZONTAL

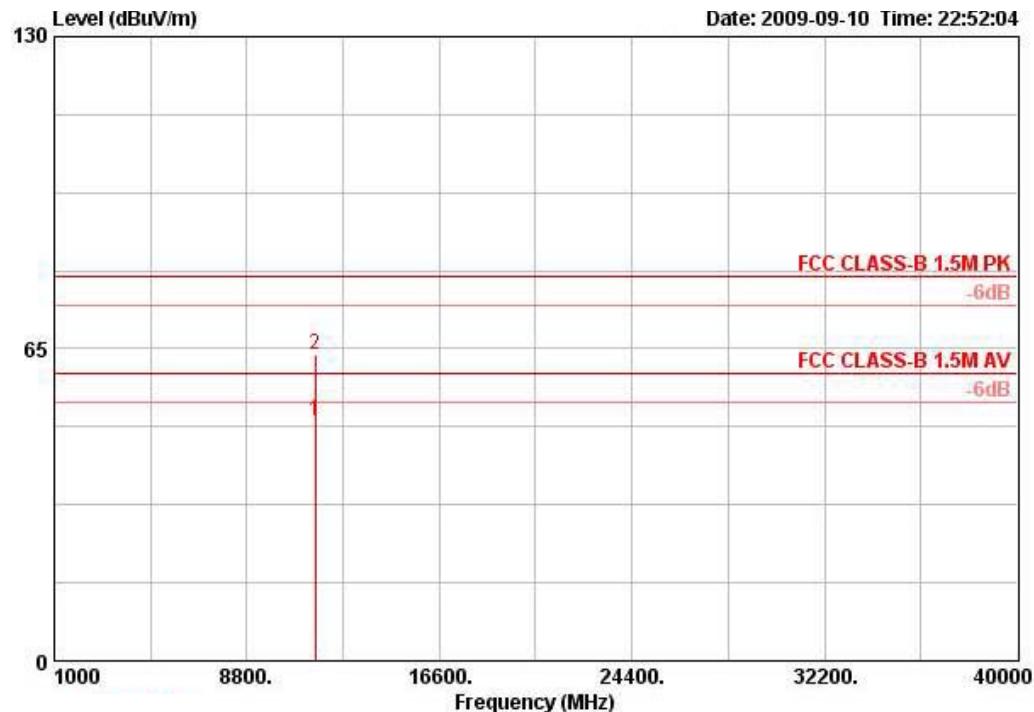
*Vertical*


Freq	Level	Limit	Over	Read	Cable	Preamplifier	Antenna	Table	Ant	Pol/Phase	
		Line	Limit	Level	Loss	Factor	Factor	Pos	Pos		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB	dB/m	deg	cm	
1 0	11489.730	50.55	60.00	-9.45	40.31	6.74	35.29	38.78	175	107 AVERAGE	VERTICAL
2	11490.640	63.21	80.00	-16.79	52.98	6.74	35.29	38.78	175	107 PEAK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	11a Draft n MCS8 20MHz CH 157 / Antenna 1

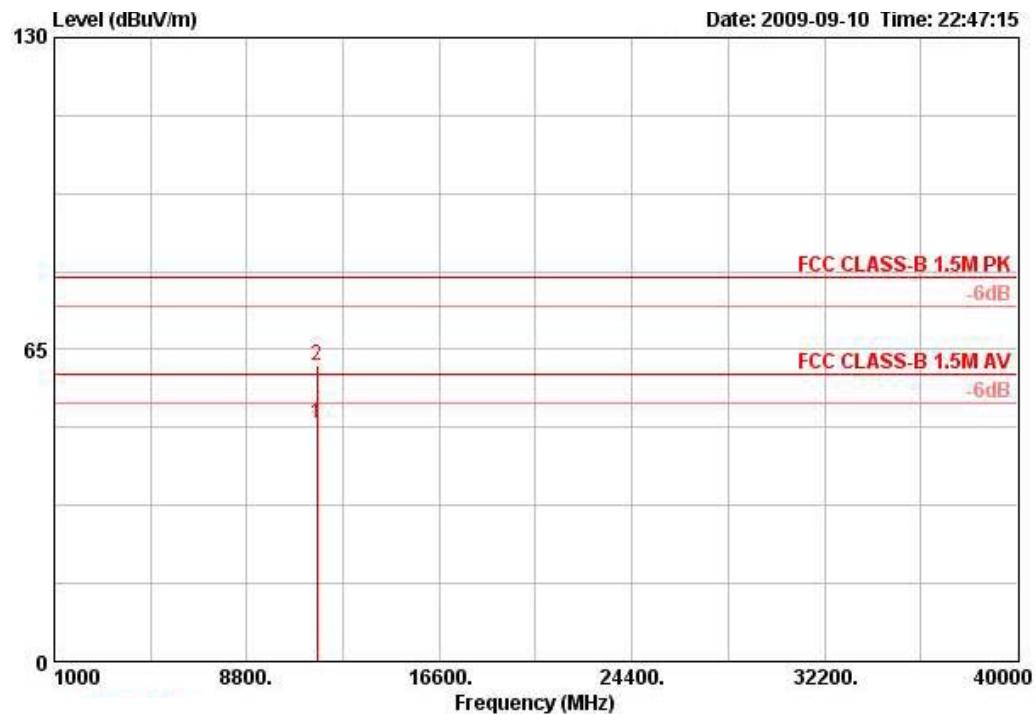
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	11569.150	61.73	80.00	-18.27	51.45	6.75	35.30	38.83	196	109	PEAK	HORIZONTAL
2	11569.820	49.06	60.00	-10.94	38.78	6.75	35.30	38.83	196	109	AVERAGE	HORIZONTAL

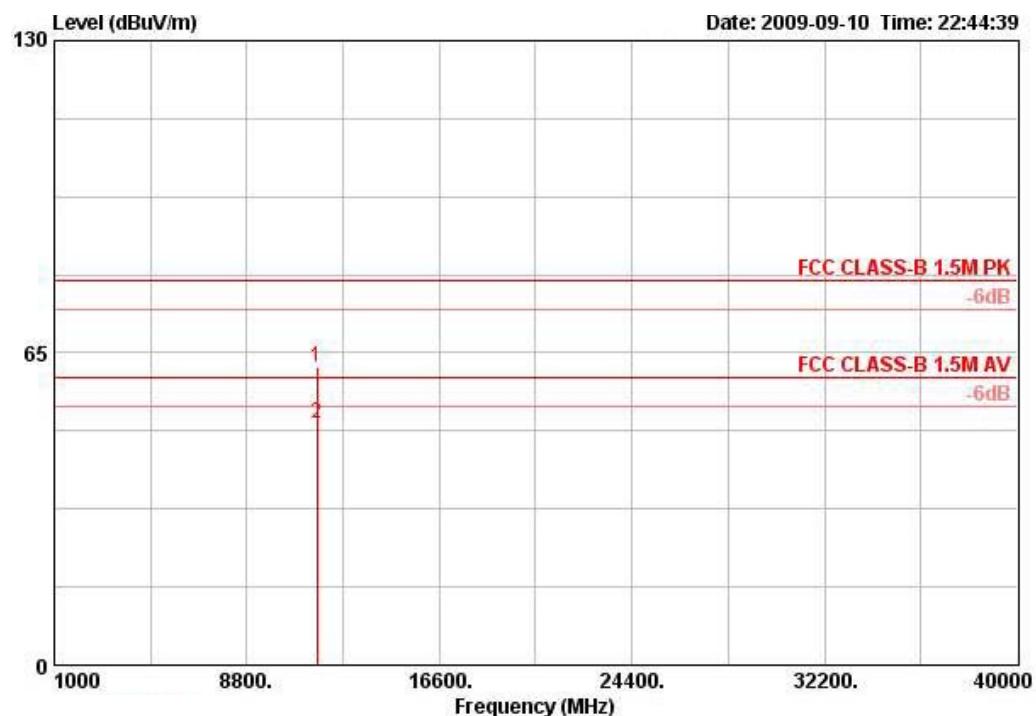
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @ 2	11569.620	50.09	60.00	-9.91	39.81	6.75	35.30	38.83	169	106	RVERAGE	VERTICAL	VERTICAL
	11570.170	63.77	80.00	-16.23	53.49	6.75	35.30	38.83	169	106	PERK	VERTICAL	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	11a Draft n MCS8 20MHz CH 165 / Antenna 1

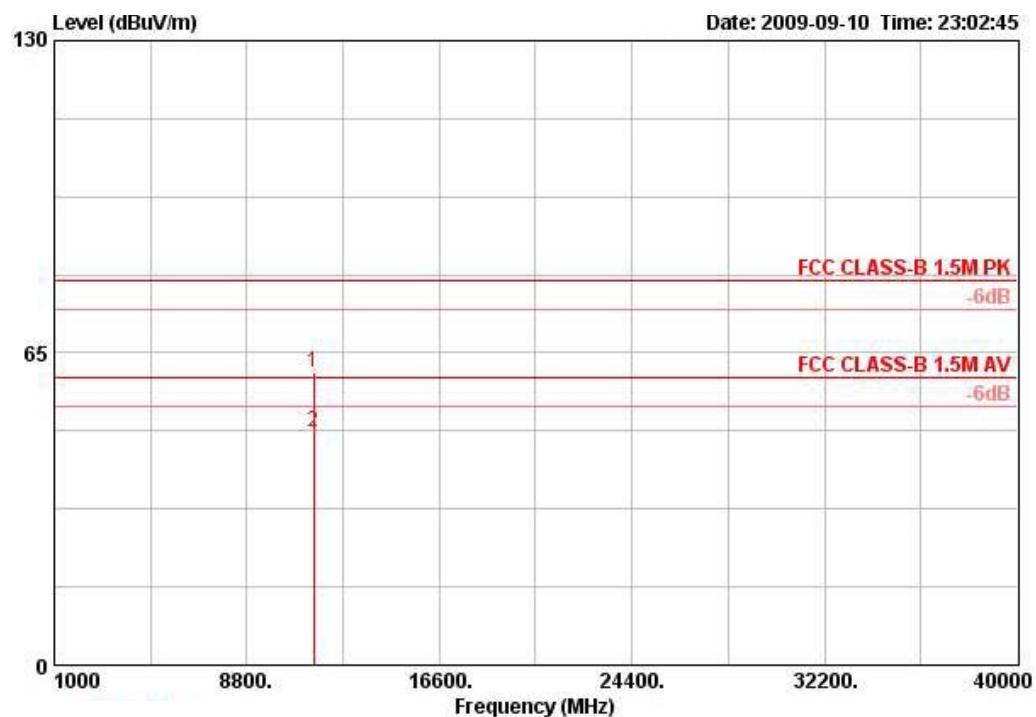
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11648.200	49.58	60.00	-10.42	39.25	6.78	35.30	38.86	200	106	AVERAGE	HORIZONTAL	
2	11648.700	61.50	80.00	-18.50	51.16	6.78	35.30	38.86	200	106	PERK	HORIZONTAL	

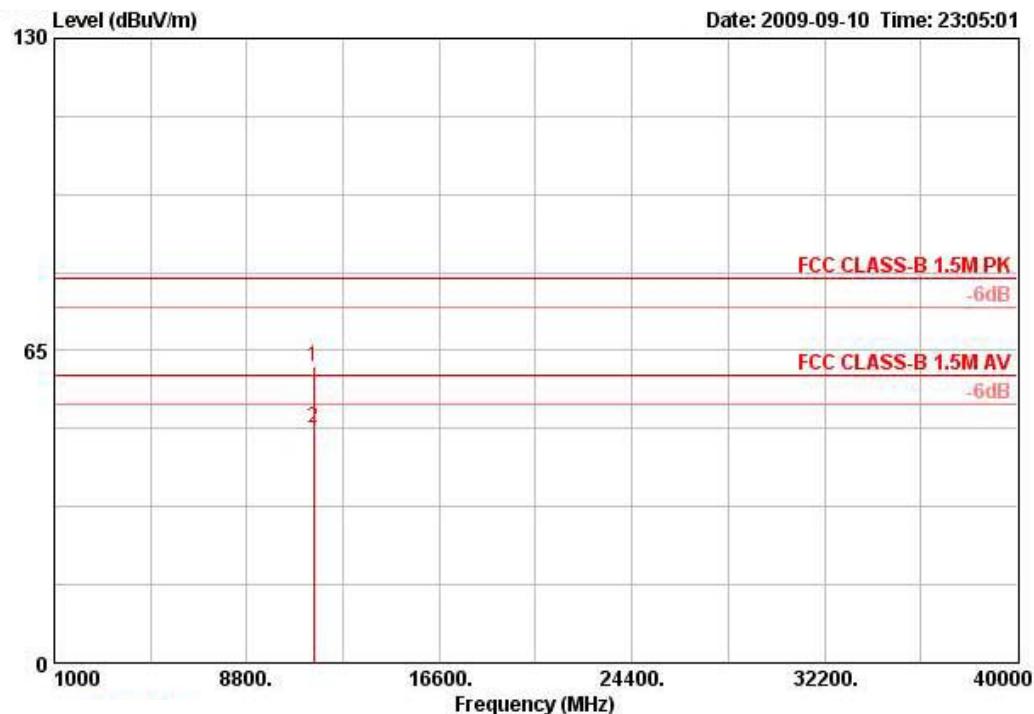
*Vertical*

Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11646.200	62.06	80.00	-17.94	51.73	6.78	35.30	38.86	163	108	PEAK	VERTICAL	
2 @	11650.760	50.43	60.00	-9.57	40.09	6.78	35.30	38.86	163	108	AVERAGE	VERTICAL	

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	11a Draft n MCS8 40MHz CH 151 / Antenna 1

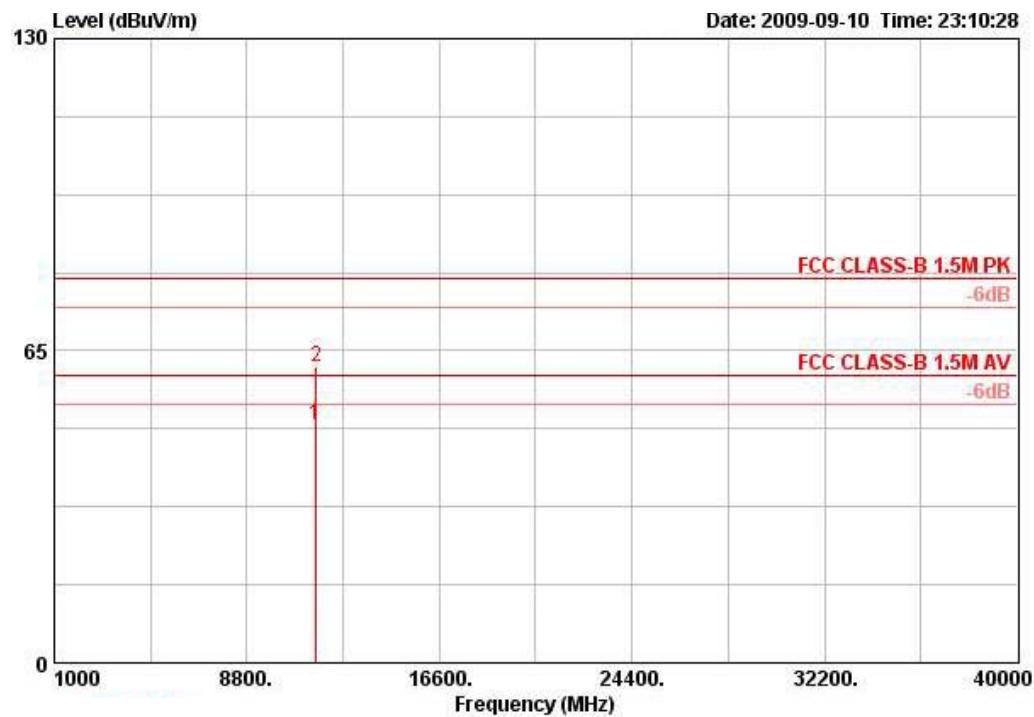
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable	Preamplifier	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm			
1	11500.440	60.85	80.00	-19.15	50.60	6.74	35.29	38.79	217	109	PERK	HORIZONTAL
2	11509.280	48.38	60.00	-11.62	38.13	6.74	35.29	38.79	217	109	AVERAGE	HORIZONTAL

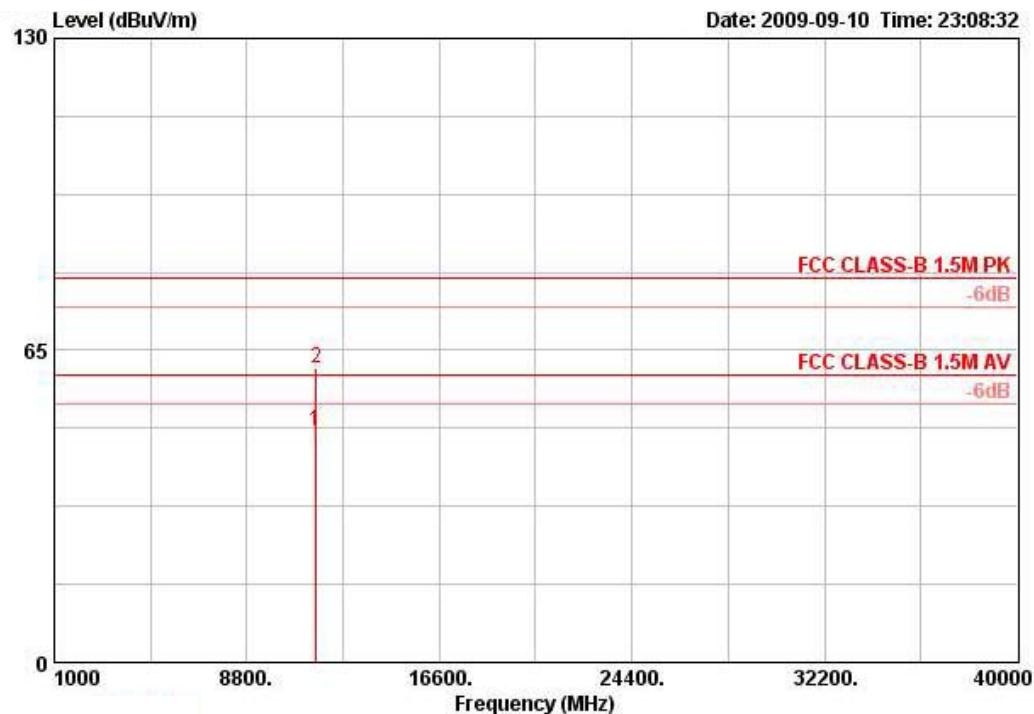
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Preamp Antenna			Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dBuV/m			Cable Loss	Preamp Factor	Antenna Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB	dB/m	deg	cm		
11500.360	61.58	80.00	-18.42	51.33	6.74	35.29	38.79	157	108	PEAK	VERTICAL	
11509.640	48.71	60.00	-11.29	38.46	6.74	35.29	38.79	157	108	AVERAGE	VERTICAL	

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	11a Draft n MCS8 40MHz CH 159 / Antenna 1

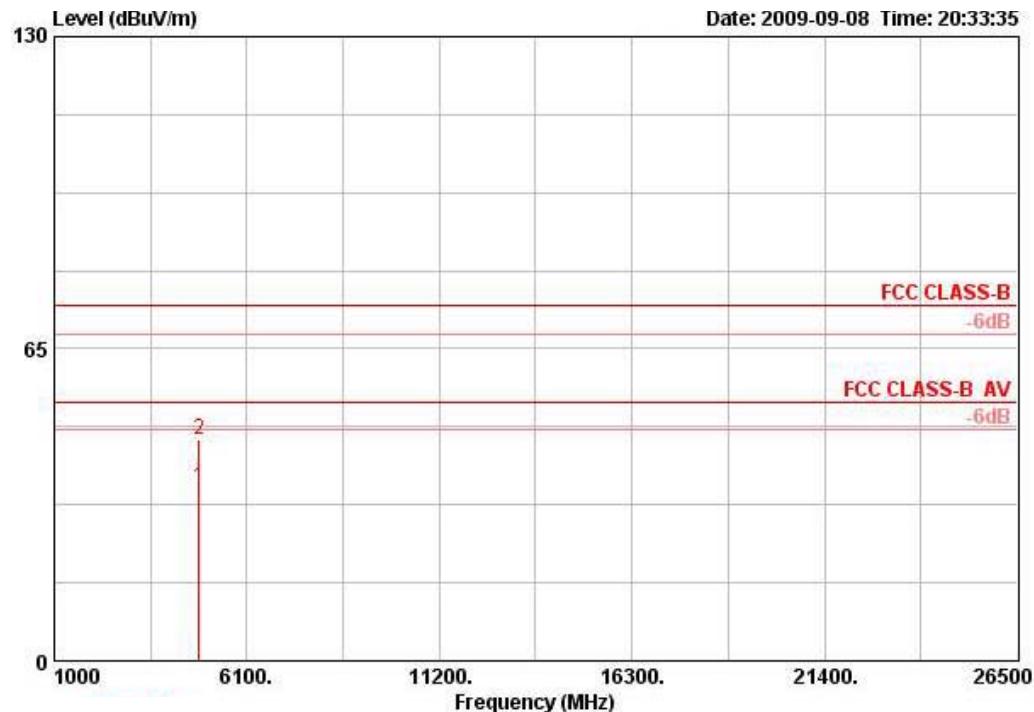
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable	Preamp	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB	dB				
1 @	11585.640	49.68	60.00	-10.32	39.39	6.76	35.30	38.83	220	112	AVERAGE	HORIZONTAL
2	11596.880	61.73	80.00	-18.27	51.44	6.76	35.30	38.83	220	112	PEAK	HORIZONTAL

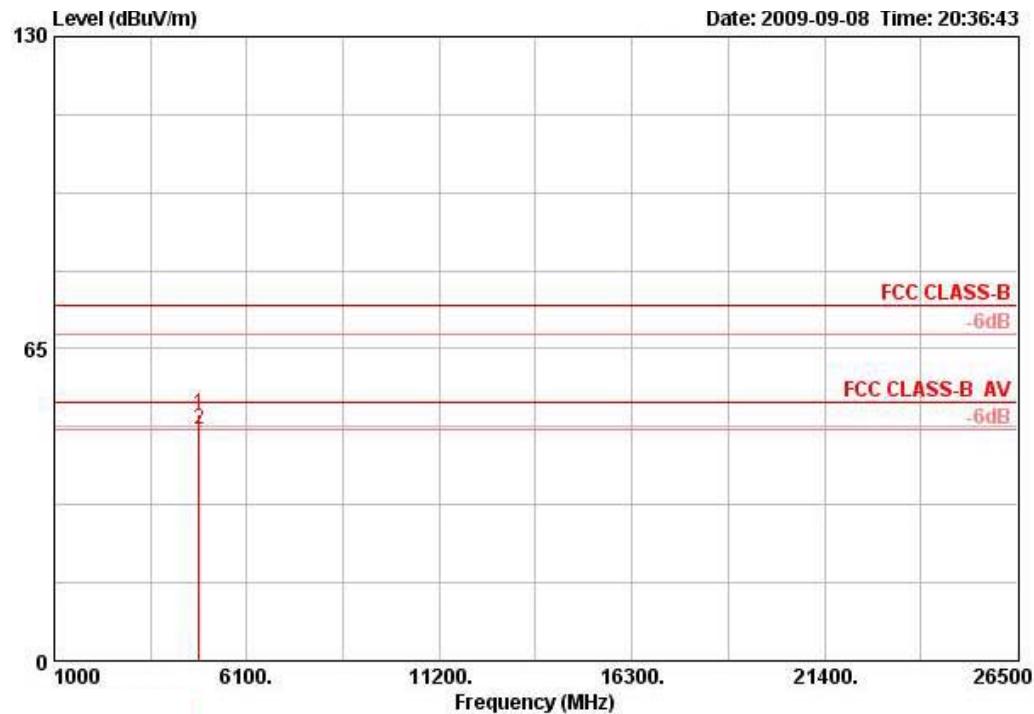
*Vertical*


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11581.080	48.18	60.00	-11.82	37.89	6.76	35.30	38.83	161	105	AVERAGE	VERTICAL
2	11595.080	61.33	80.00	-18.67	51.04	6.76	35.30	38.83	161	105	PEAK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11b CH 1 / Antenna 1

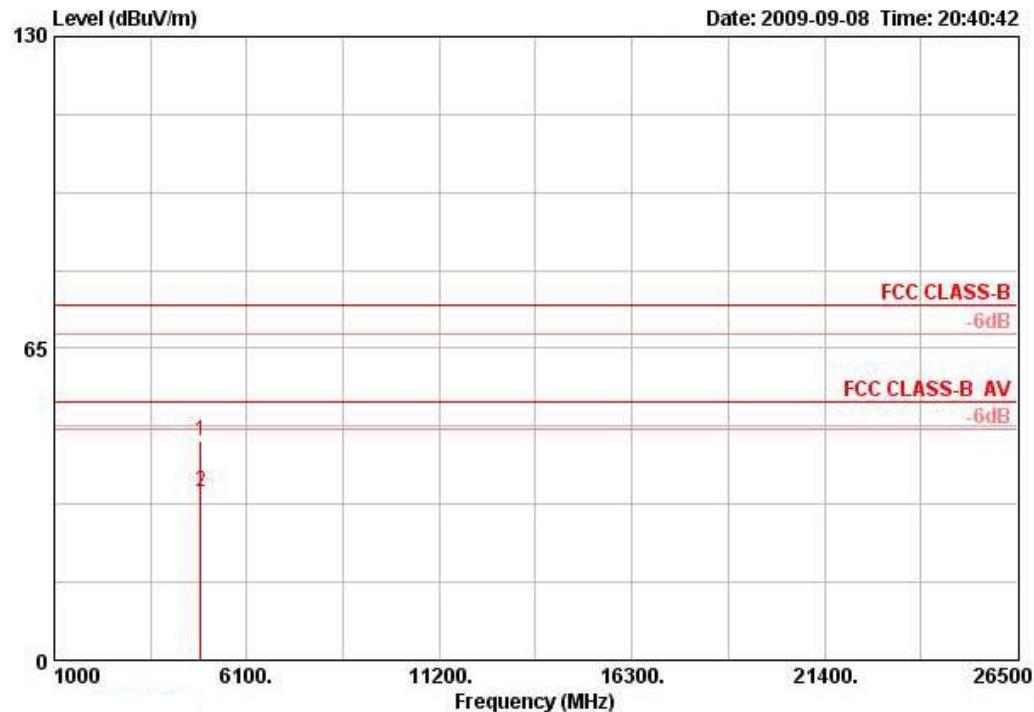
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable	Preamp	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm			
1 @	4823.976	36.03	54.00	-17.97	34.05	3.96	35.04	33.06	123	100	AVERAGE	HORIZONTAL
2	4824.104	45.99	74.00	-28.01	44.01	3.96	35.04	33.06	123	100	PEAK	HORIZONTAL

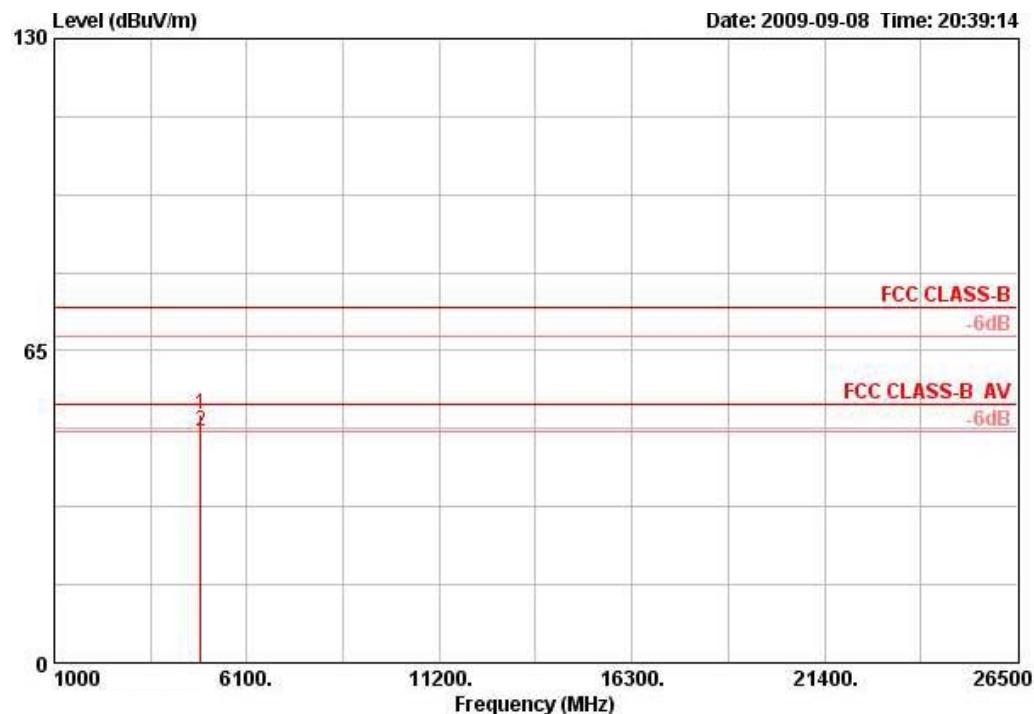
*Vertical*


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	4823.944	51.47	74.00	-22.53	49.49	3.96	35.04	33.06	340	100	PEAK	VERTICAL
2	4824.036	48.31	54.00	-5.69	46.34	3.96	35.04	33.06	340	100	AVERAGE	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11b CH 6 / Antenna 1

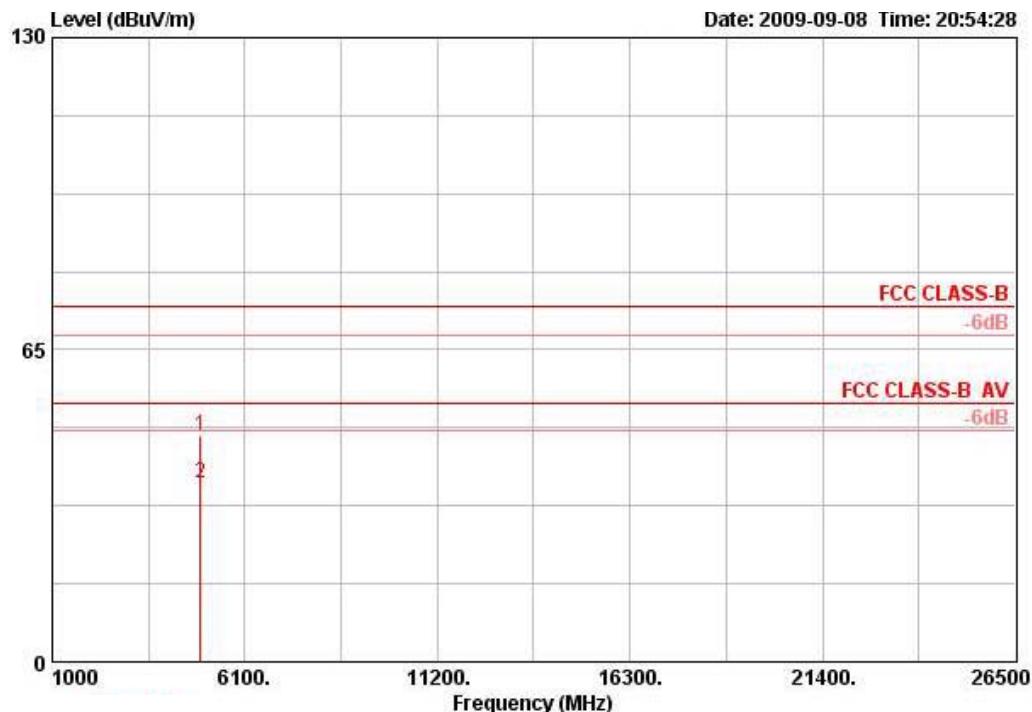
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable	Preamplifier	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB	dB				
1	4873.672	45.58	74.00	-28.42	43.48	3.97	35.03	33.16	123	100	PEAK	HORIZONTAL
2	4874.056	35.19	54.00	-18.81	33.09	3.97	35.03	33.16	123	100	AVERAGE	HORIZONTAL

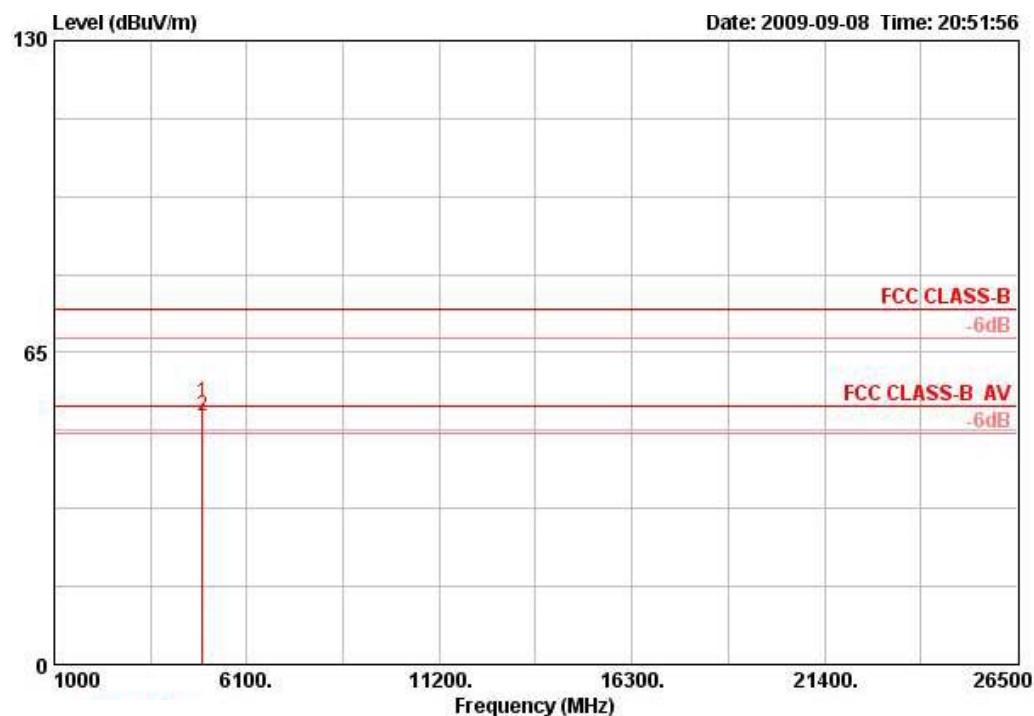
*Vertical*

Freq	Level	Limit		Over Line Limit	Read Level	Cable	Preamplifier	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4873.868	51.57	74.00	-22.43	49.48	3.97	35.03	33.16	340	100	PEAK	VERTICAL
2	4873.948	48.12	54.00	-5.88	46.03	3.97	35.03	33.16	340	100	AVERAGE	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11b CH 11 / Antenna 1

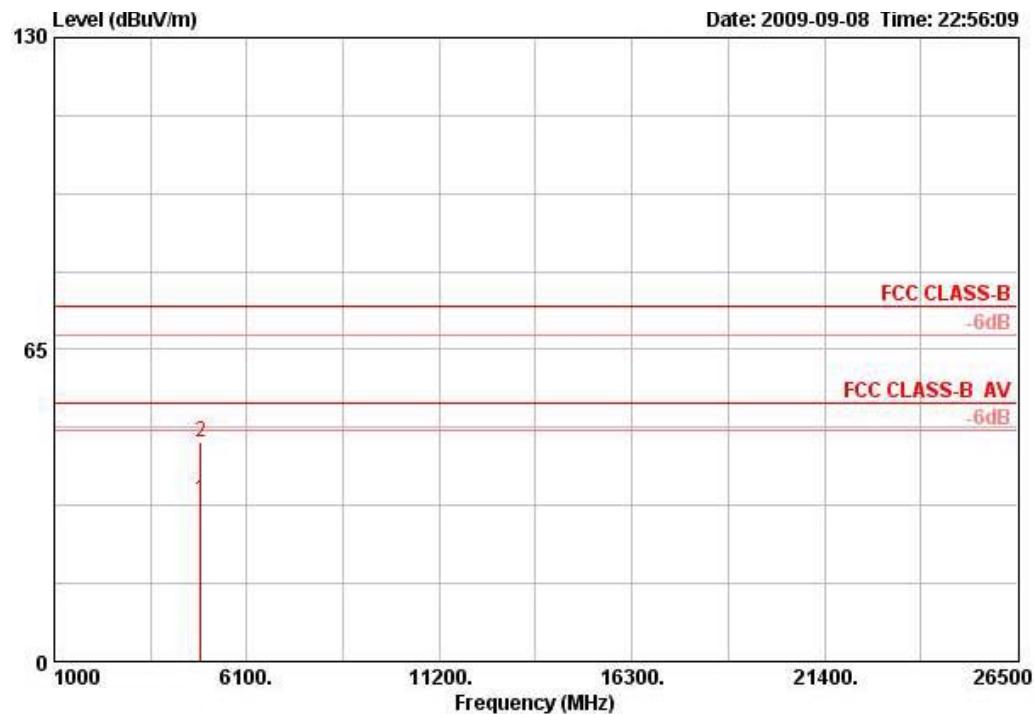
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB									
1	4923.868	47.02	74.00	-26.98	44.80	3.97	35.02	33.26	127	100	PEAK	HORIZONTAL
2 @	4923.924	37.32	54.00	-16.68	35.10	3.97	35.02	33.26	127	100	AVERAGE	HORIZONTAL

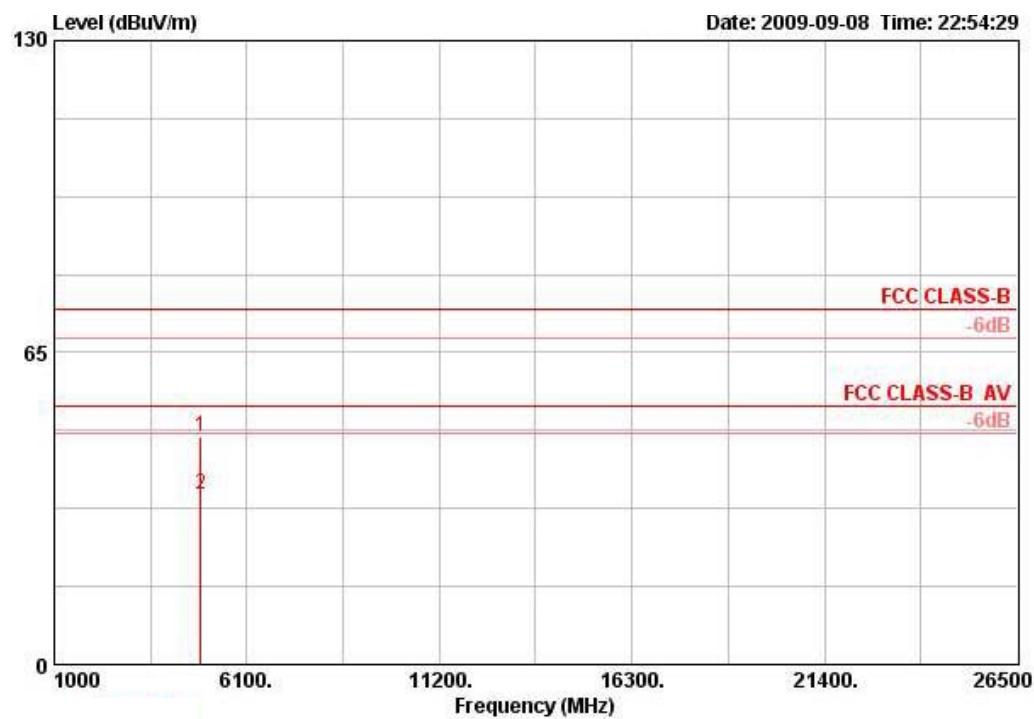
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1 @	4923.968	54.49	74.00	-19.51	52.28	3.97	35.02	33.26	34	100	PEAK	VERTICAL
2 @	4924.016	51.68	54.00	-2.32	49.46	3.97	35.02	33.26	34	100	AVERAGE	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11g CH 1 / Antenna 1

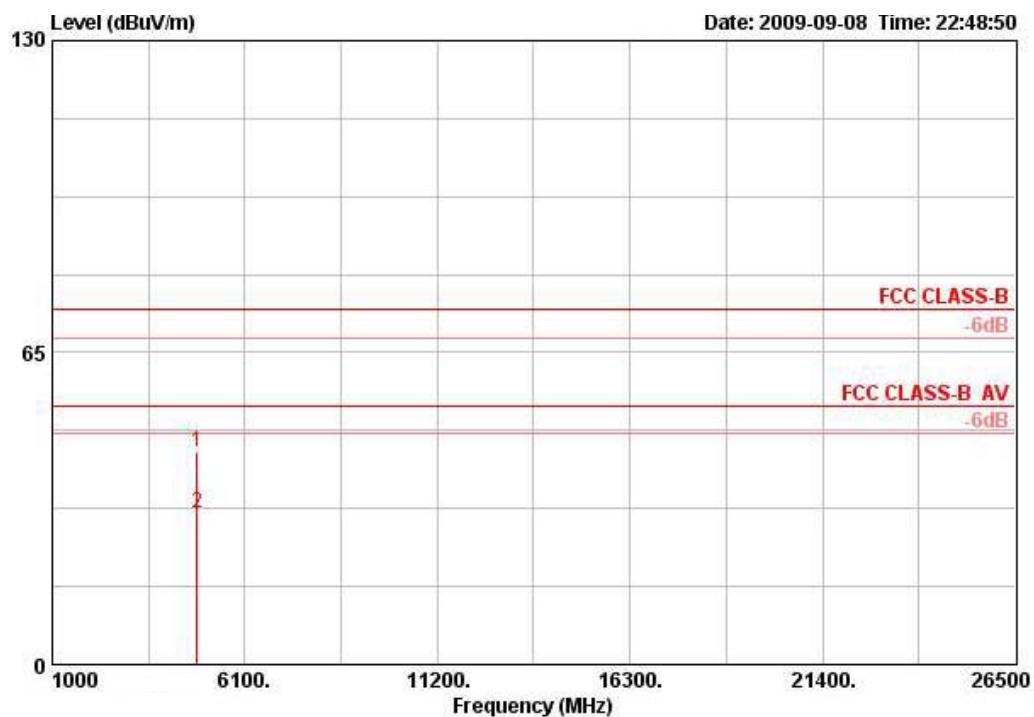
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @ 2	4873.092	33.48	54.00	-20.52	31.38	3.97	35.03	33.16	344	112	AVERAGE	HORIZONTAL	
	4878.840	45.60	74.00	-28.40	43.51	3.97	35.03	33.16	344	112	PERK	HORIZONTAL	

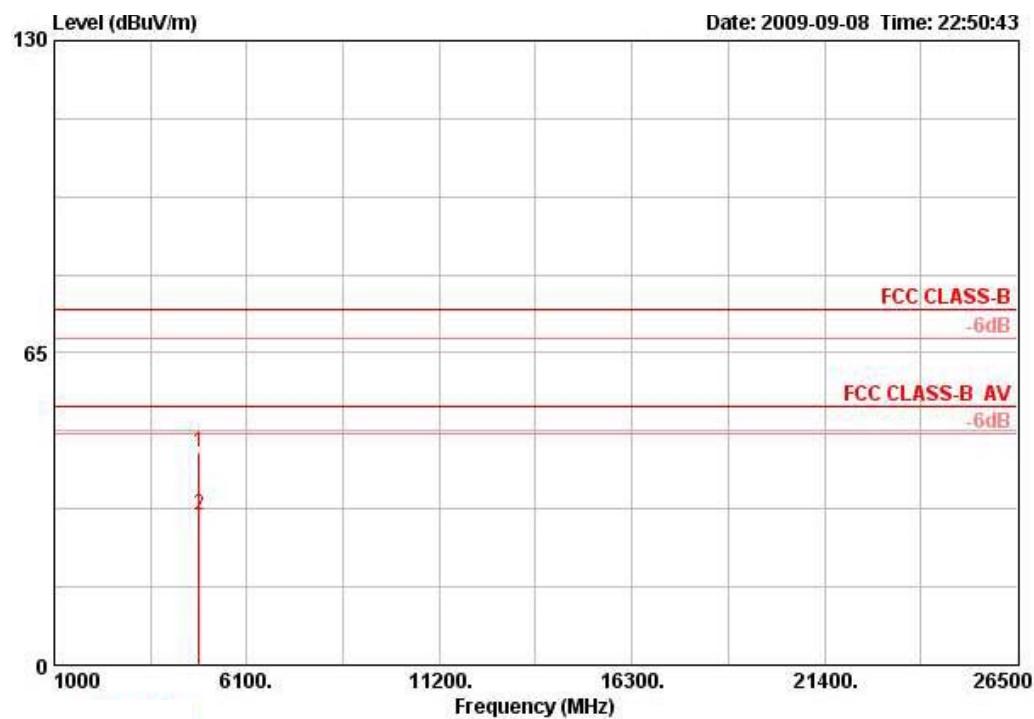
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB						
1	4869.600	47.50	74.00	-26.50	45.44	3.97	35.03	33.12	344	112	PEAK		VERTICAL
2 @	4874.780	35.30	54.00	-18.70	33.21	3.97	35.03	33.16	344	112	AVERAGE		VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11g CH 6 / Antenna 1

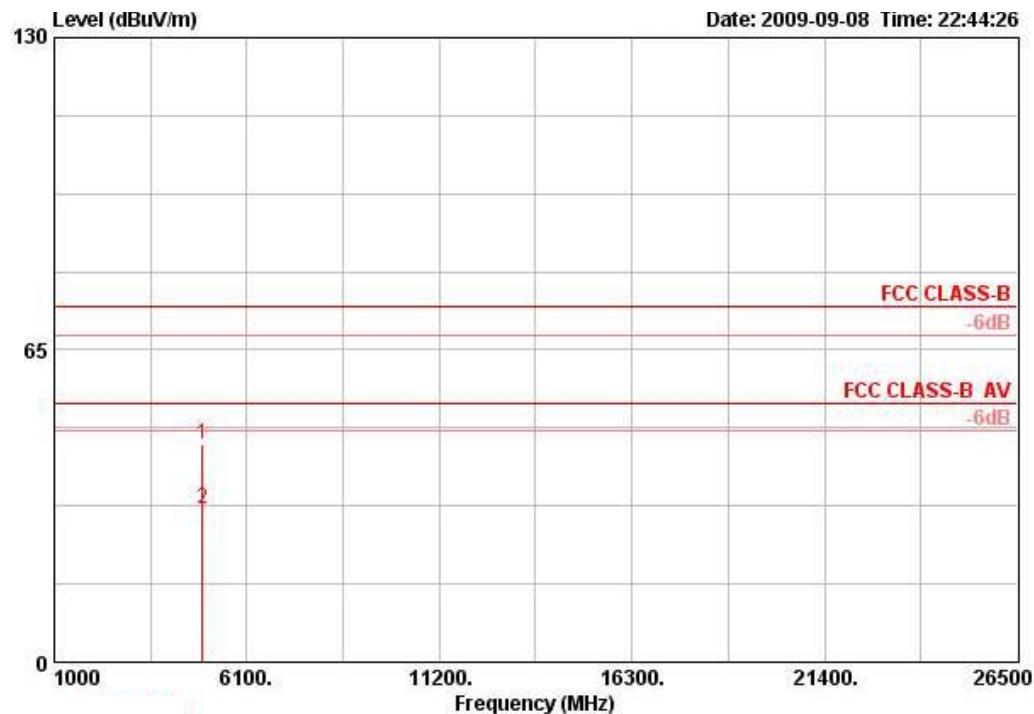
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	4824.414	44.37	74.00	-29.63	42.39	3.96	35.04	33.06	46	113	PEAK	HORIZONTAL	
2	4824.488	31.49	54.00	-22.51	29.52	3.96	35.04	33.06	46	113	AVERAGE	HORIZONTAL	

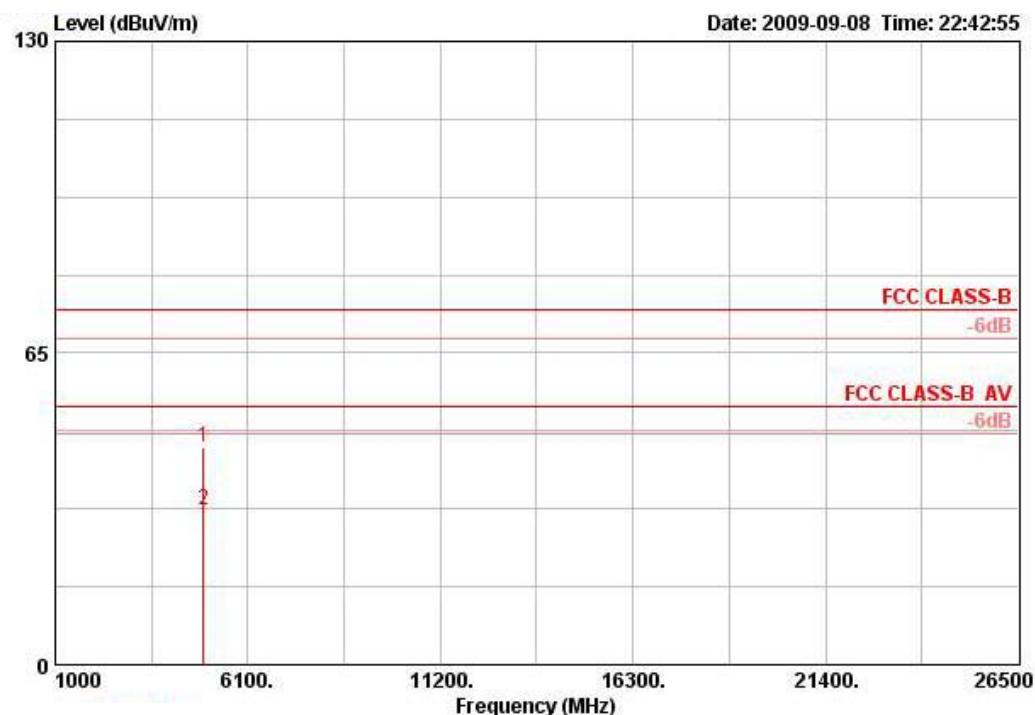
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB						
1	4824.016	44.44	74.00	-29.56	42.47	3.96	35.04	33.06	46	113	PEAK		VERTICAL
2	4824.084	31.07	54.00	-22.93	29.09	3.96	35.04	33.06	46	113	AVERAGE		VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11g CH 11 / Antenna 1

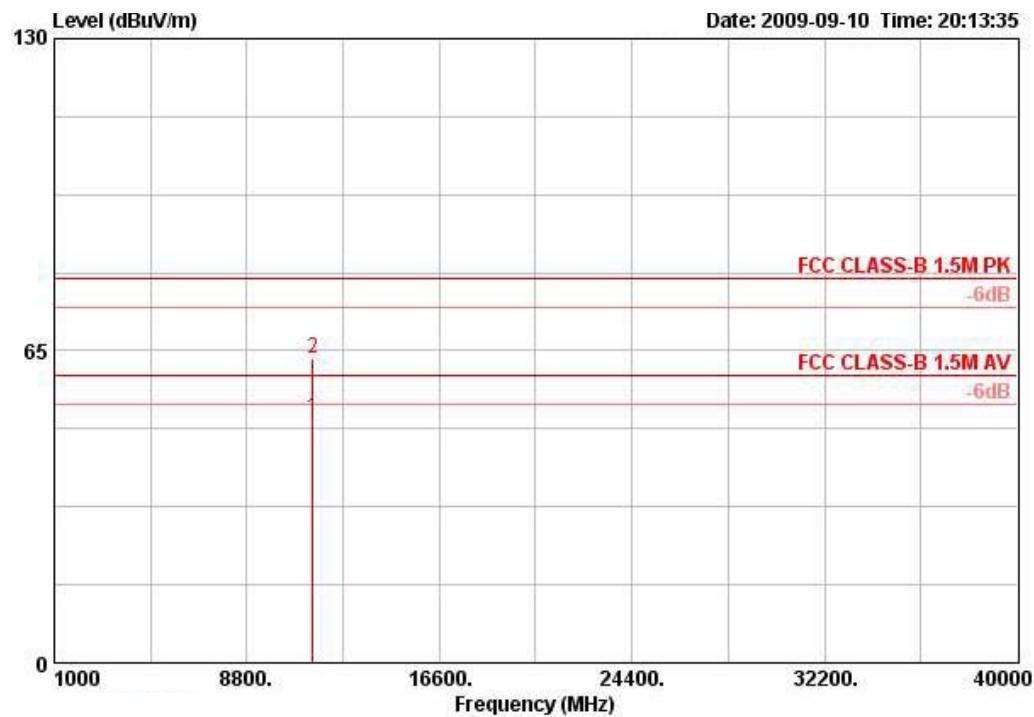
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	Table	Ant	Pol/Phase	
		Line	Limit	Level	Loss	Factor	Factor	Pos	Pos		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB	dB/m	deg	cm	
1	4923.774	45.47	74.00	-28.53	43.25	3.97	35.02	33.26	23	100 PERK	HORIZONTAL
2	4923.980	32.03	54.00	-21.97	29.81	3.97	35.02	33.26	23	100 AVERAGE	HORIZONTAL

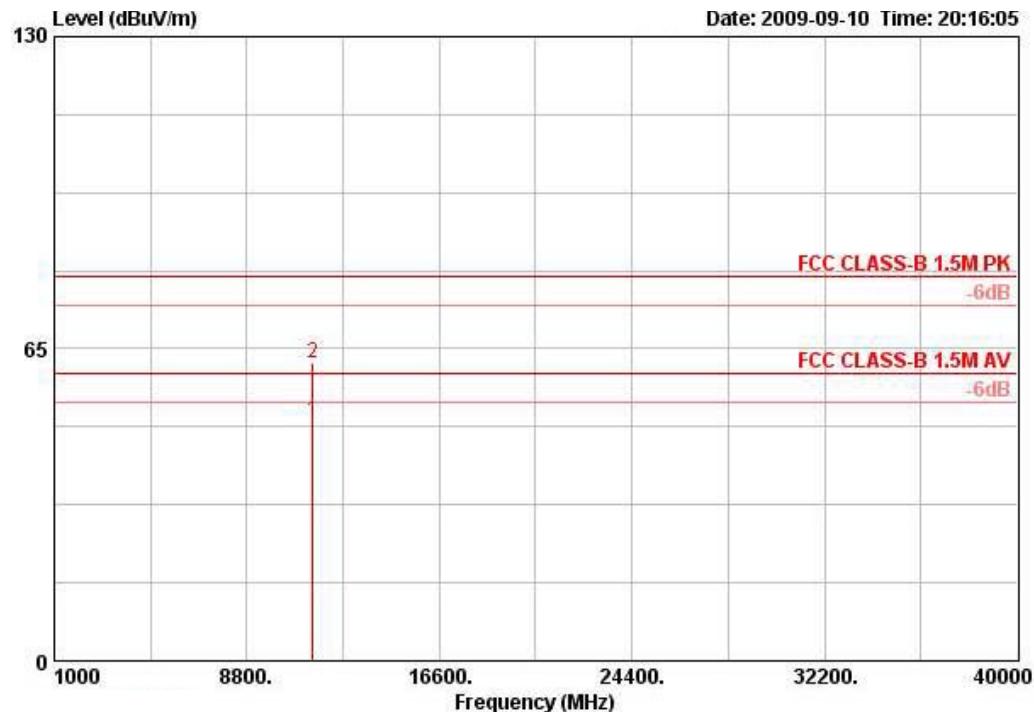
*Vertical*

Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	MHz	dBuV/m	dB	dB	dB	dB/m	deg	cm	
1	4923.992	45.34	74.00	-28.66	43.12	3.97	35.02	33.26	344	105	PEAK	VERTICAL
2	4924.202	32.08	54.00	-21.92	29.86	3.97	35.02	33.26	344	105	AVERAGE	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11a CH 149 / Antenna 1

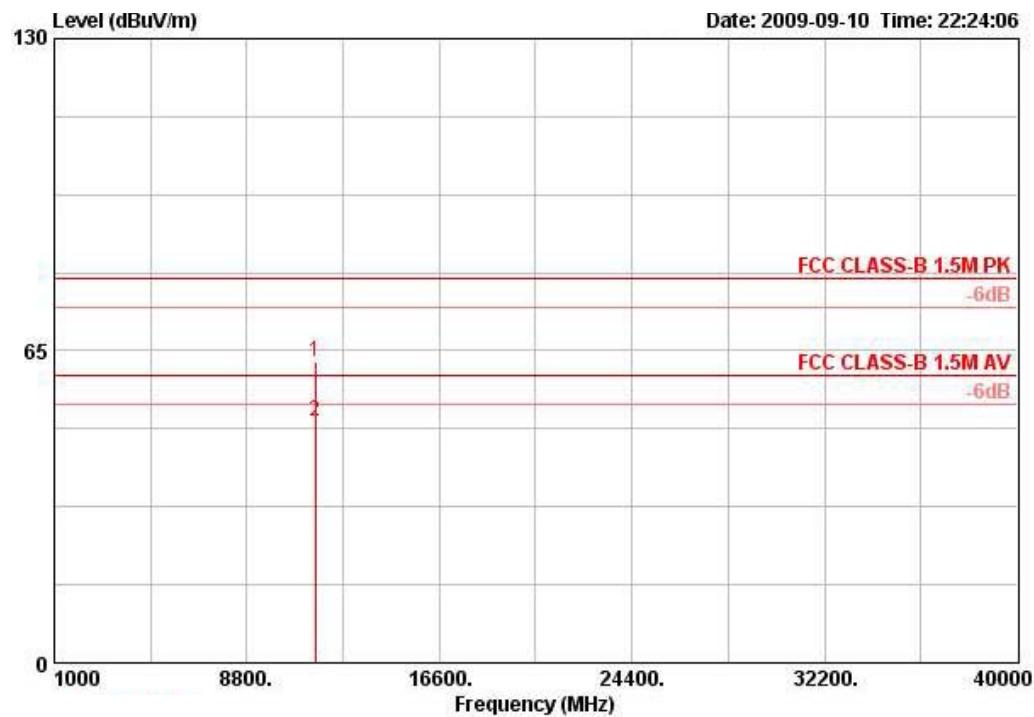
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable	Preamp	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm			
1 @ 2	11488.200	50.95	60.00	-9.05	40.70	6.74	35.28	38.78	292	110	AVERAGE	HORIZONTAL
2	11488.640	63.25	80.00	-16.75	53.00	6.74	35.28	38.78	292	110	PEAK	HORIZONTAL

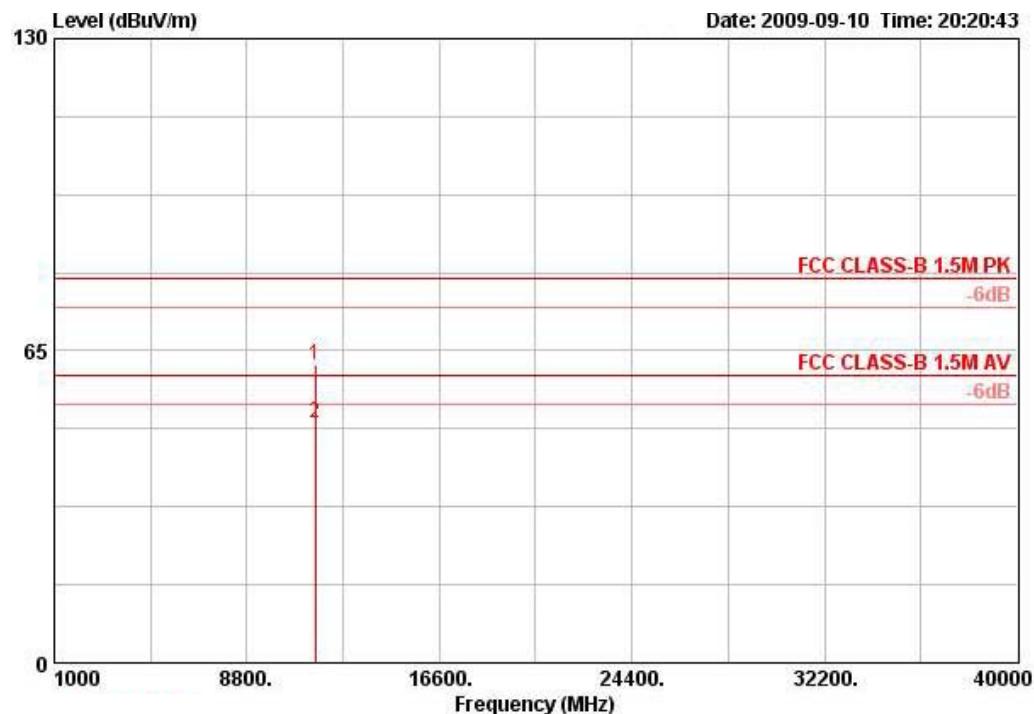
*Vertical*


Freq	Level	Limit		Over Line Limit	Read Level	Cable	Preamplifier	Antenna	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1 @ 2	11488.640 11488.840	49.88 62.02	60.00 80.00	-10.12 -17.98	39.63 51.78	6.74 6.74	35.28 35.28	38.78 38.78	289 289	110 110	AVERAGE PERK	VERTICAL VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11a CH 157 / Antenna 1

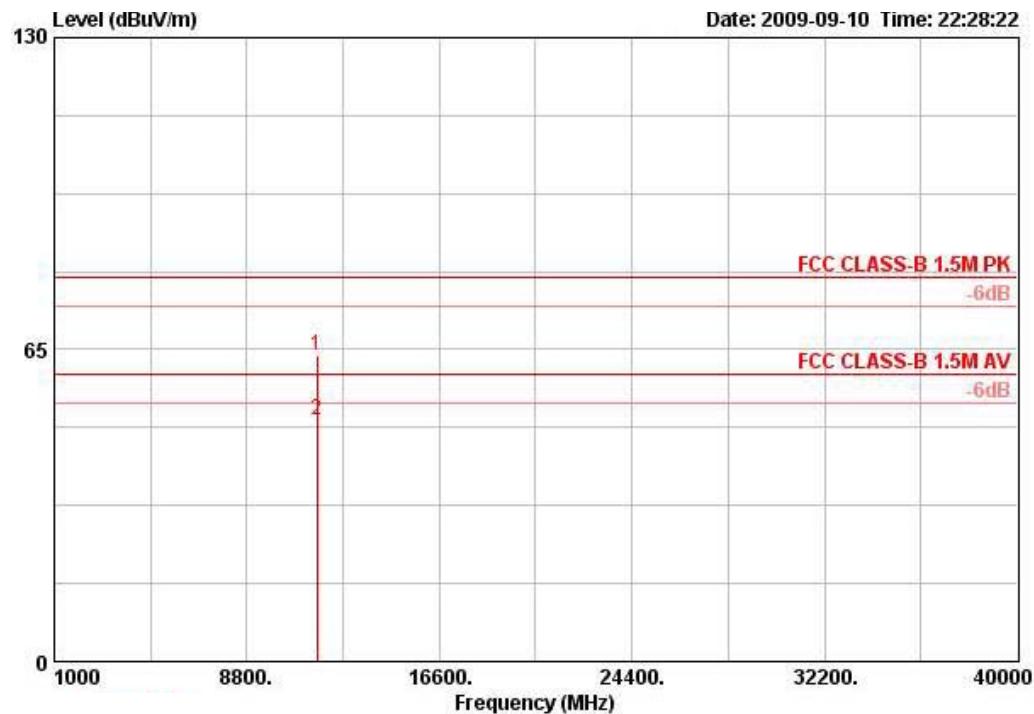
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB		dBuV	dB	dB	dB/m	deg	cm		
11569.780	62.80	80.00	-17.20		52.52	6.75	35.30	38.83	348	107	PEAK	HORIZONTAL
11569.840	50.13	60.00	-9.87		39.85	6.75	35.30	38.83	348	107	AVERAGE	HORIZONTAL

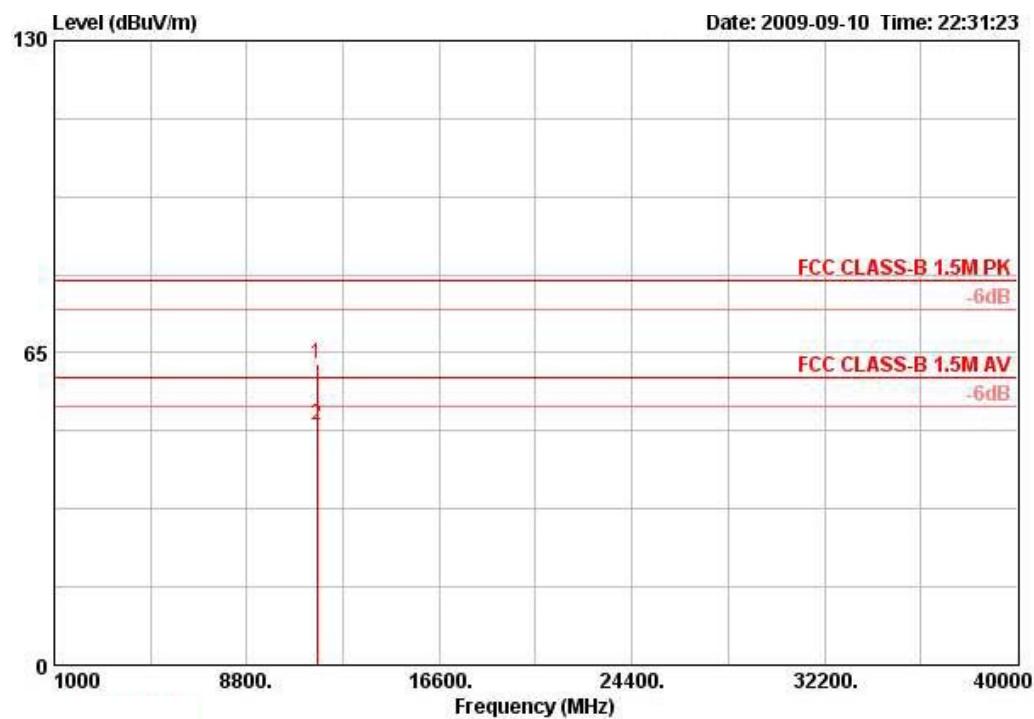
*Vertical*


Freq	Level	Limit		Over Line Limit	Read Level	Cable Loss		Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB/m	deg	cm		
1	11569.300	62.15	80.00	-17.85	51.87	6.75	35.30	38.83	353	108	PEAK	VERTICAL	
2	11569.410	49.90	60.00	-10.10	39.62	6.75	35.30	38.83	353	108	AVERAGE	VERTICAL	

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	802.11a CH 165 / Antenna 1

**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11649.520	63.84	80.00	-16.16	53.50	6.78	35.30	38.86	302	107	PEAK	HORIZONTAL	
2 @	11649.840	50.18	60.00	-9.82	39.85	6.78	35.30	38.86	302	107	AVERAGE	HORIZONTAL	

*Vertical*


Freq	Level	Limit	Over	Read	Cable	Preamplifier	Antenna	Table	Ant	Pol/Phase	
		Line	Limit	Level	Loss	Factor	Factor	Pos	Pos		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB	dB/m	deg	cm	
1	11649.860	62.76	80.00	-17.24	52.42	6.78	35.30	38.86	0	102 PEAK	VERTICAL
2	11649.980	49.89	60.00	-10.11	39.55	6.78	35.30	38.86	0	102 AVERAGE	VERTICAL

## Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

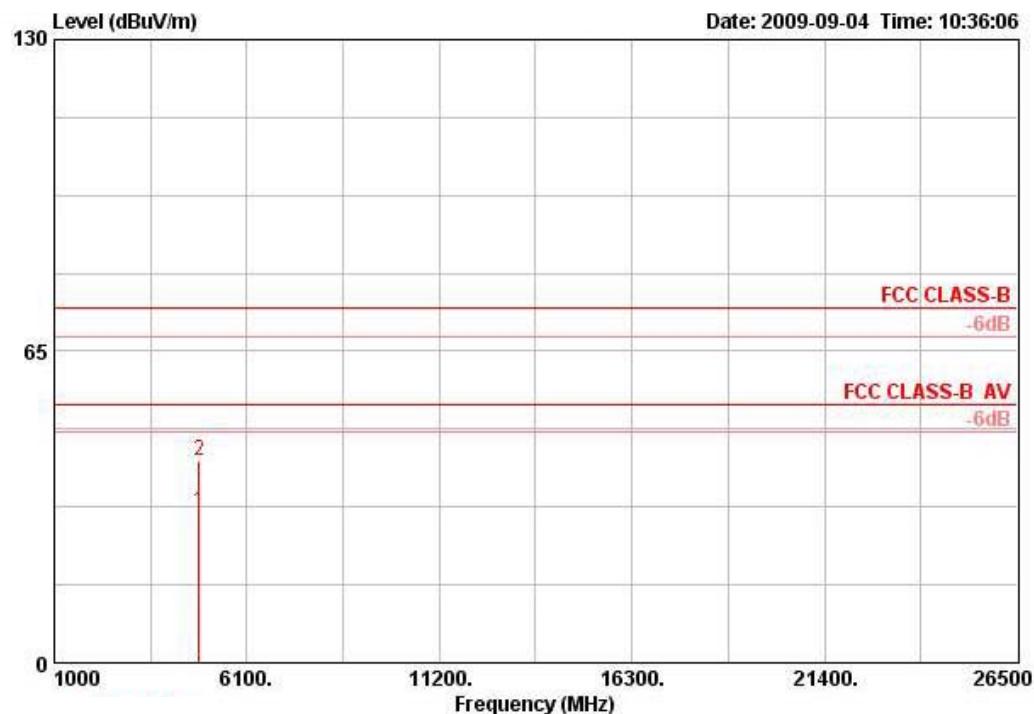
Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

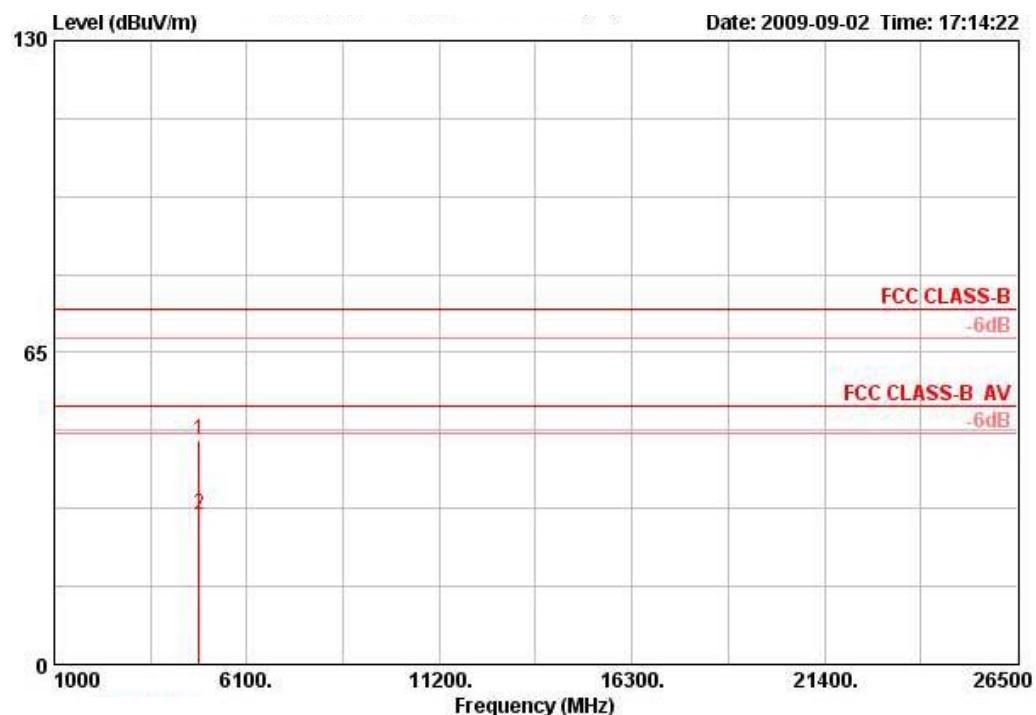
<For Antenna 2>:

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 20MHz Ch 1 / Antenna 2

**Horizontal**

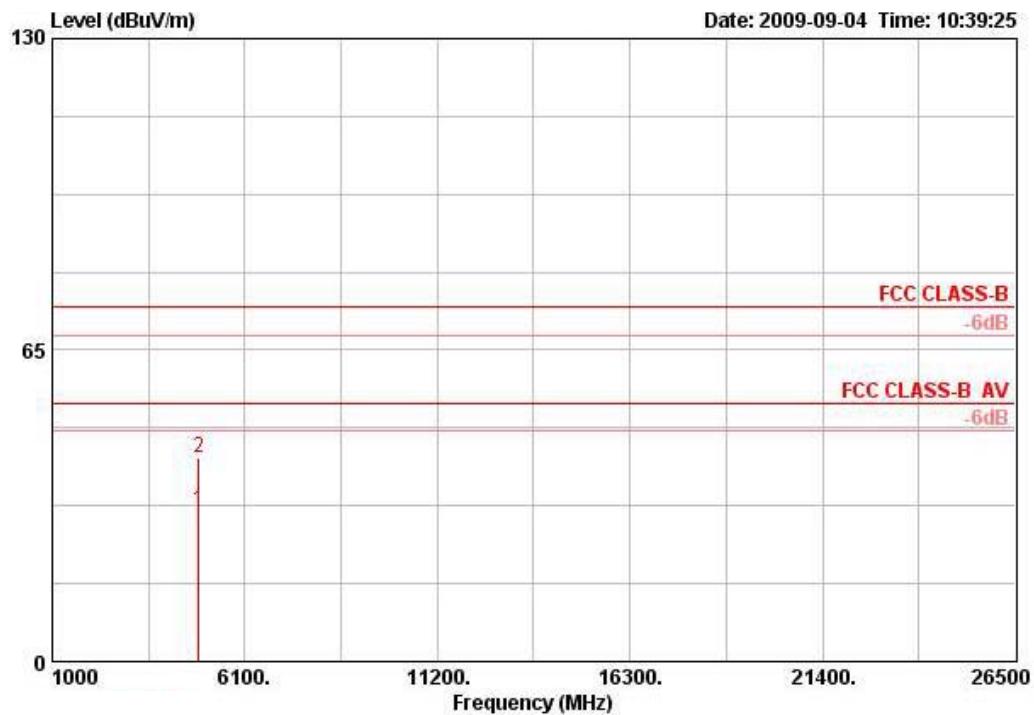


Freq	Level	Limit		Over Limit	Read Level	Cable Loss		Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB						
1 @	4824.028	31.58	54.00	-22.42	29.60	3.96	35.04	33.06	351	102	AVERAGE	HORIZONTAL	
2	4824.028	42.14	74.00	-31.86	40.17	3.96	35.04	33.06	351	102	PEAK	HORIZONTAL	

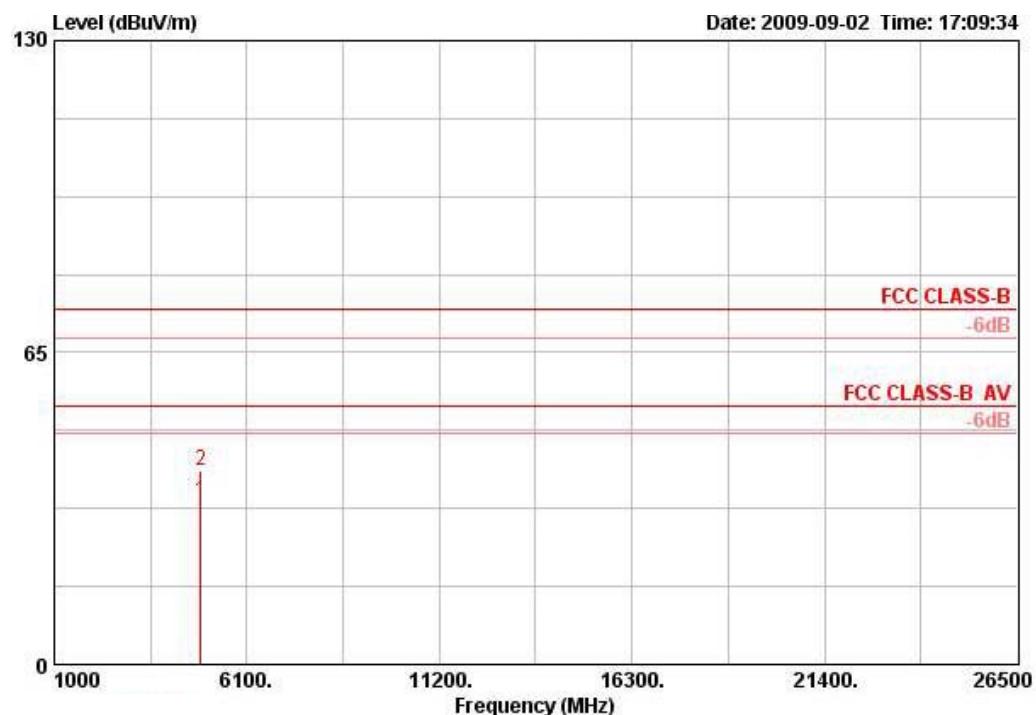
*Vertical*

Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4824.970	46.66	74.00	-27.34	44.68	3.96	35.04	33.06	49	100	PEAK	VERTICAL
2	4824.970	31.34	54.00	-22.66	29.36	3.96	35.04	33.06	49	100	AVERAGE	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 20MHz Ch 6 / Antenna 2

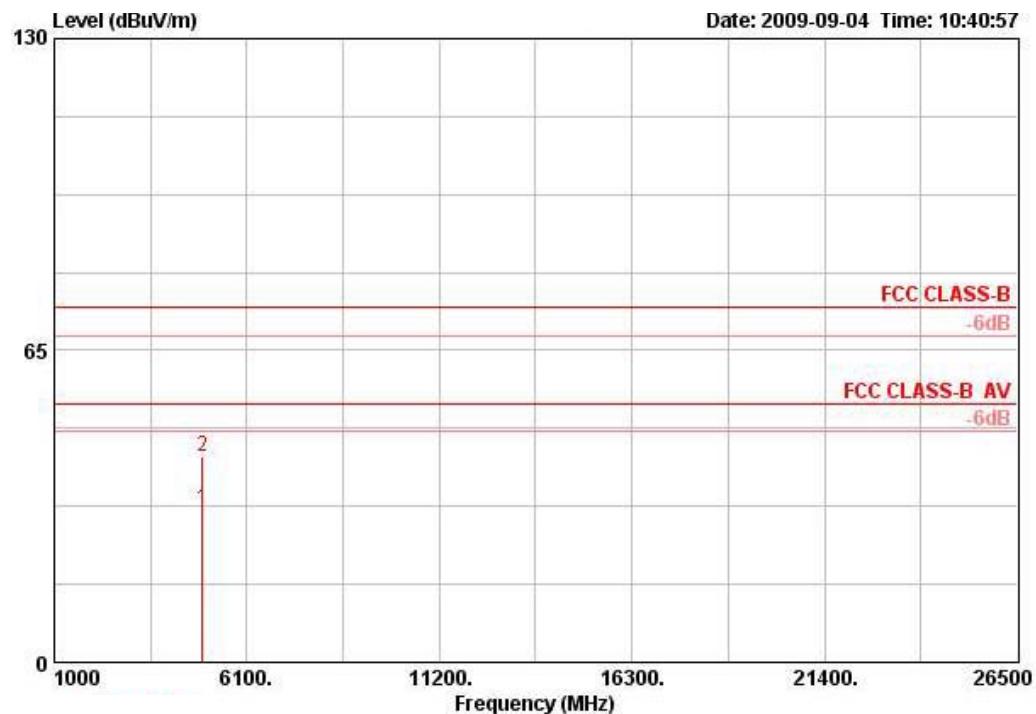
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	Line	dB	dBuV	dB	dB	dB/m	deg	cm	
1 @		4874.024	31.64	54.00	-22.36	29.54	3.97	35.03	33.16	0	102	AVERAGE
2		4874.024	42.52	74.00	-31.48	40.42	3.97	35.03	33.16	0	102	PEAK

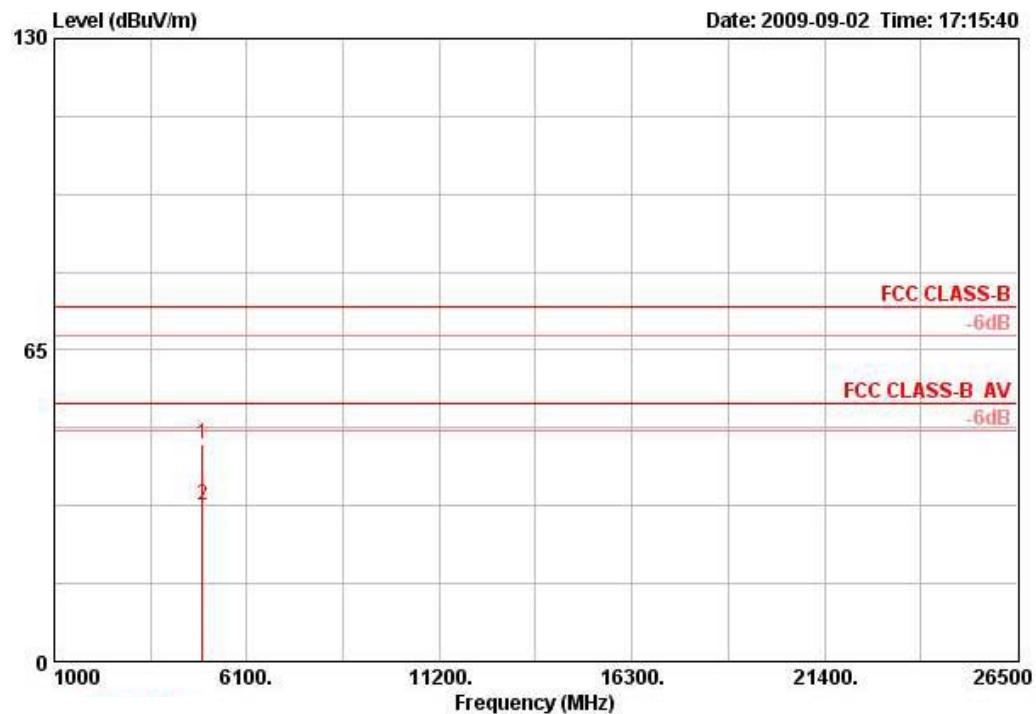
*Vertical*

Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Preamplifier Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4871.640	33.84	54.00	-20.16	31.74	3.97	35.03	33.16	0	99	AVERAGE	VERTICAL
2	4871.690	40.22	74.00	-33.78	38.12	3.97	35.03	33.16	0	99	PERK	VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 20MHz Ch11 / Antenna 2

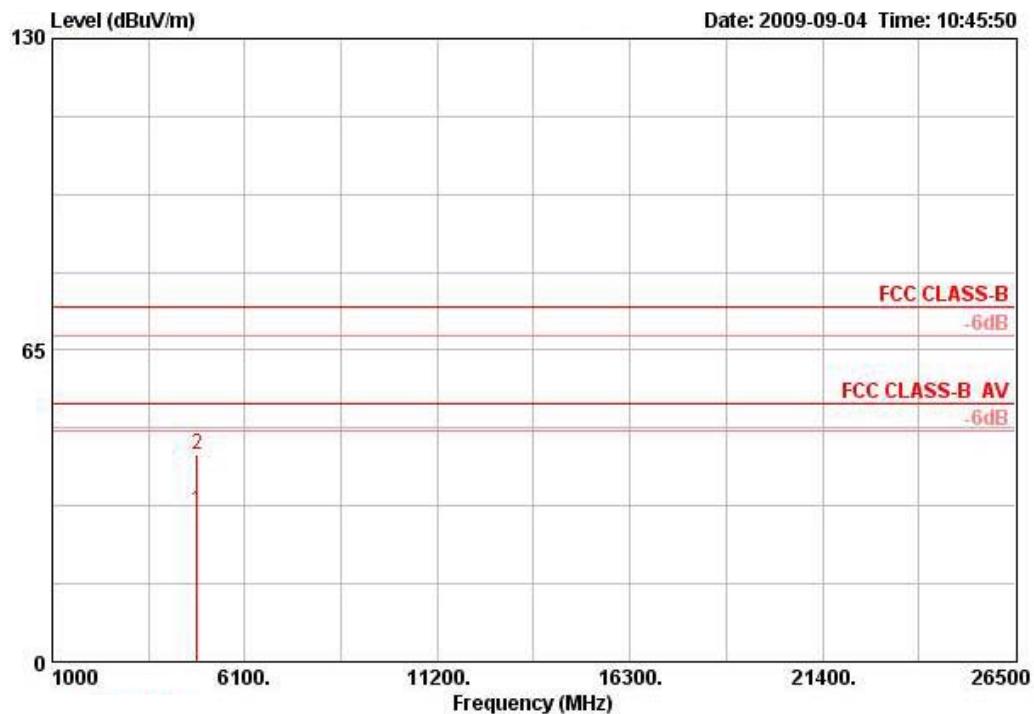
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Preamp Antenna			Table Pos	Ant Pos	Remark	Pol/Phase
		Line	Cable			Preamp	Antenna					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm			
1 @	4924.092	31.94	54.00	-22.06	29.72	3.97	35.02	33.26	359	102	AVERAGE	HORIZONTAL
2	4924.092	42.80	74.00	-31.20	40.59	3.97	35.02	33.26	359	102	PEAK	HORIZONTAL

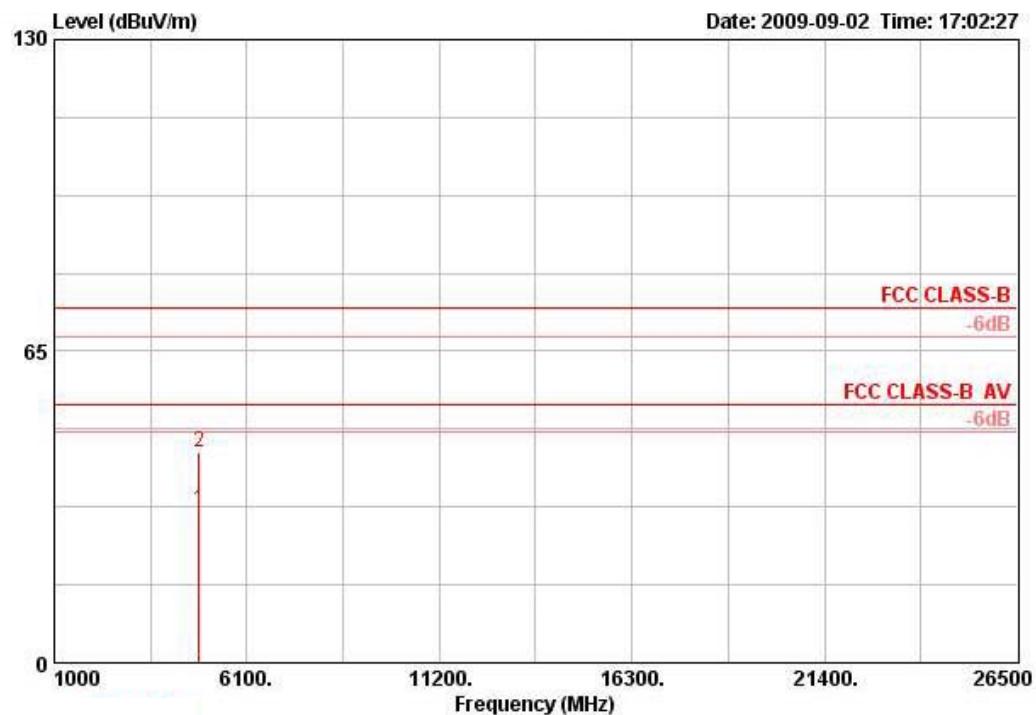
*Vertical*

Freq	Level	Limit	Over	Read	Cable	Preamplifier	Antenna	Table	Ant	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	Pos	Pos	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm	
1	4925.100	45.43	74.00	-28.57	43.22	3.97	35.02	33.26	360	100 PEAK VERTICAL
2	4925.430	32.51	54.00	-21.49	30.30	3.97	35.02	33.26	360	100 AVERAGE VERTICAL

<b>Temperature</b>	26.8°C	<b>Humidity</b>	56%
<b>Test Engineer</b>	Beck Wu	<b>Configurations</b>	Draft n MCS8 40MHz Ch 3 / Antenna 2

**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Preamplifier	Antenna	Table	Ant	Pos	Remark	Pol/Phase
		Line	Limit	Level	dB	dBuV	dB	dB				
MHz	dBuV/m	dBuV/m										
1	4843.980	31.53	54.00	-22.47	29.51	3.96	35.03	33.09	360	100	AVERAGE	HORIZONTAL
2	4843.980	43.08	74.00	-30.92	41.06	3.96	35.03	33.09	360	100	PERK	HORIZONTAL

*Vertical*


Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	Table	Ant	Pol/Phase	
		Line	Limit	Level	Loss	Factor	Factor	Pos	Pos		
MHz	dBuV/m	dBuV/m		dB	dBuV		dB	dB/m	deg	cm	
1	4841.950	32.01	54.00	-21.99	30.00	3.96	35.04	33.09	13	100 AVERAGE	VERTICAL
2	4845.130	44.07	74.00	-29.93	42.05	3.96	35.03	33.09	13	100 PEAK	VERTICAL