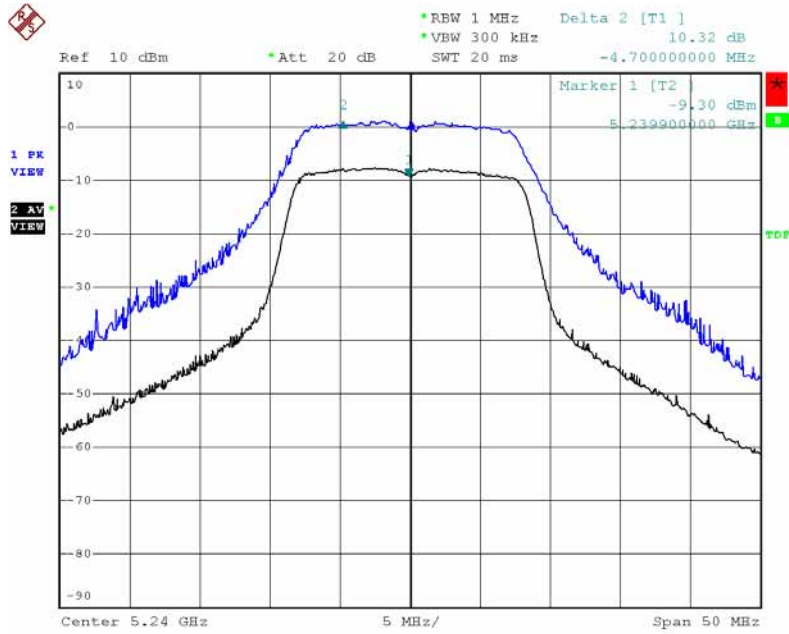
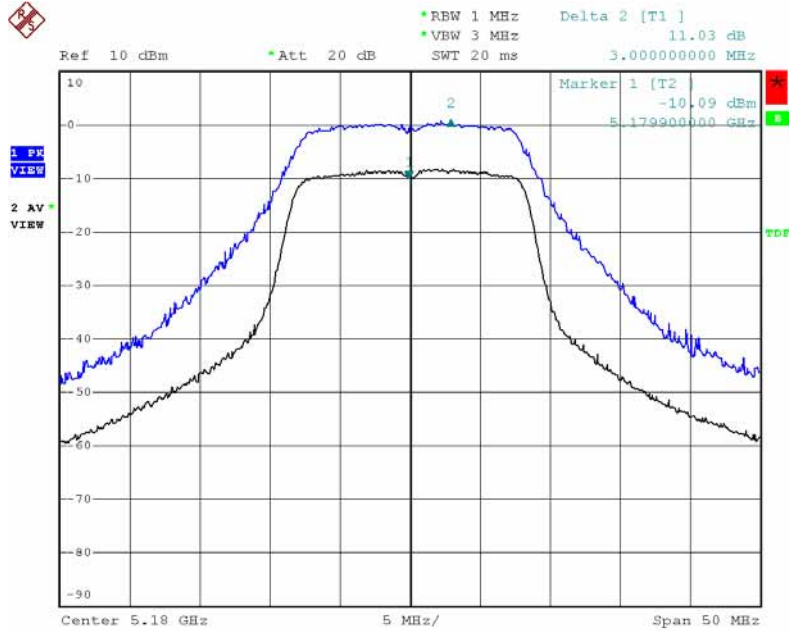


Modulation Standard: 802.11a (6Mbps) – ANT-R1  
 Channel: 48



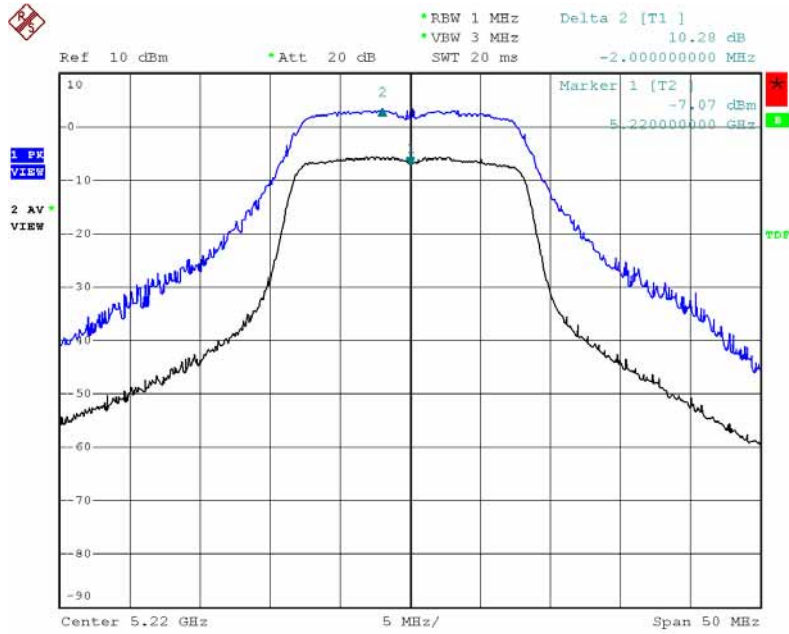
Date: 7.JAN.2008 14:10:39

Modulation Standard: 802.11a (6Mbps) – ANT-R3  
 Channel: 36



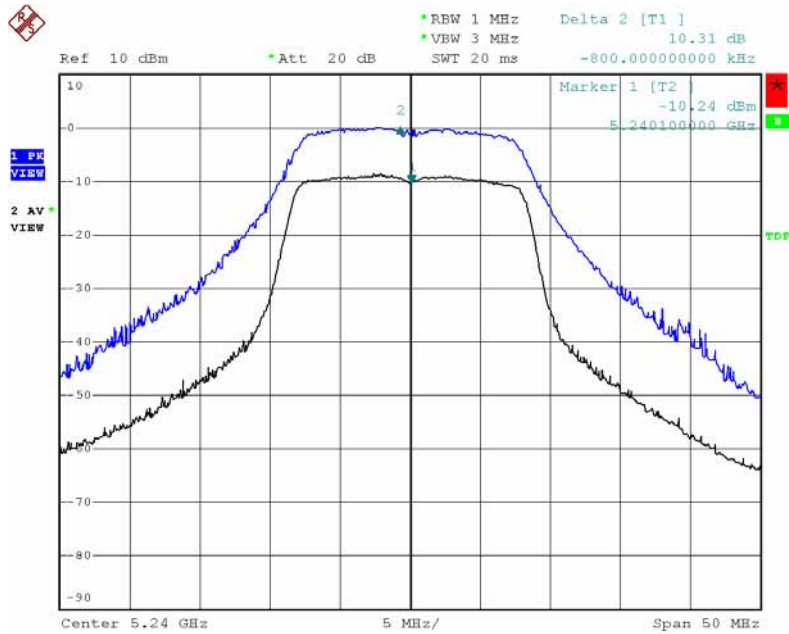
Date: 7.JAN.2008 14:20:45

Modulation Standard: 802.11a (6Mbps) – ANT-R3  
 Channel: 44



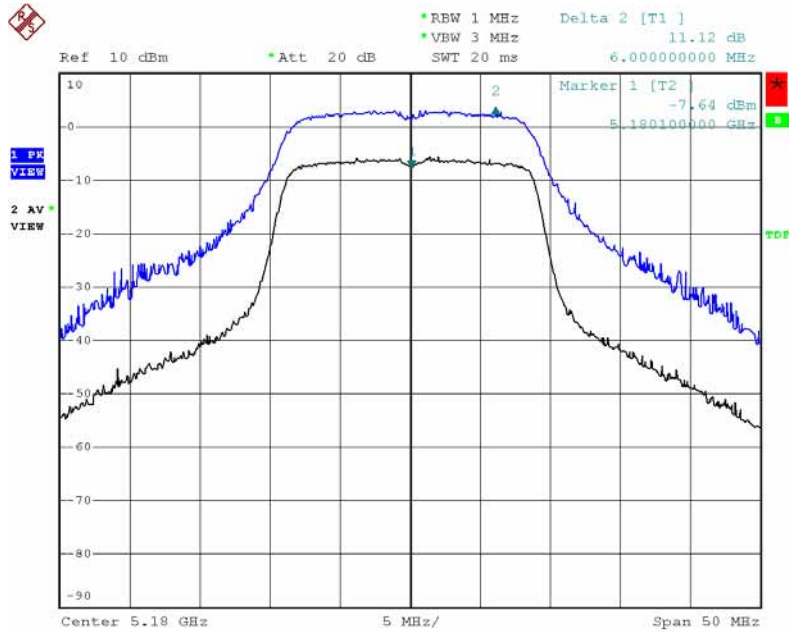
Date: 7.JAN.2008 14:13:57

Modulation Standard: 802.11a (6Mbps) – ANT-R3  
 Channel: 48



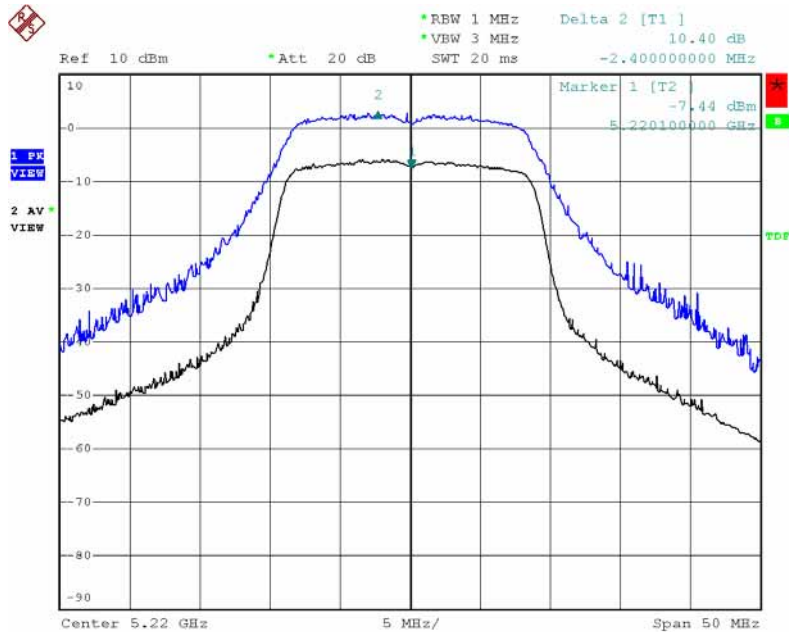
Date: 7.JAN.2008 14:12:06

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 36



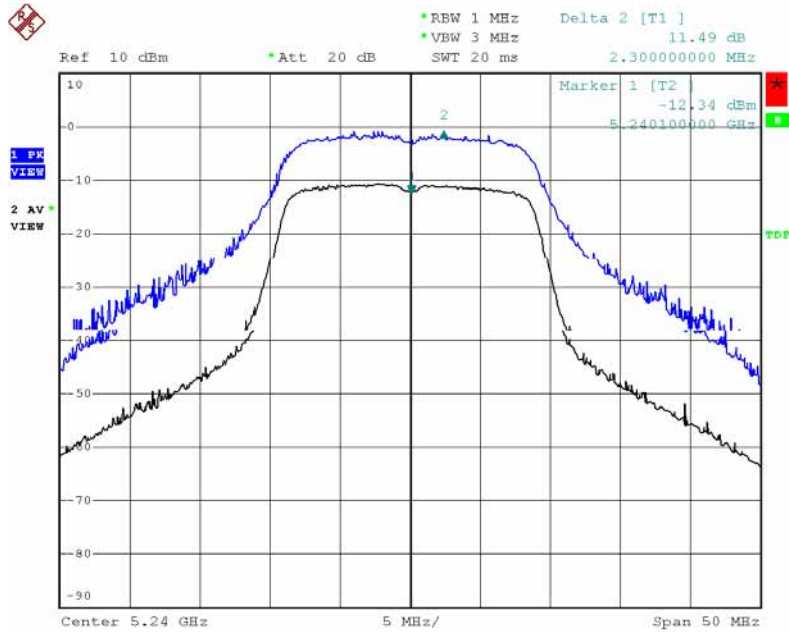
Date: 7.JAN.2008 13:37:21

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 44



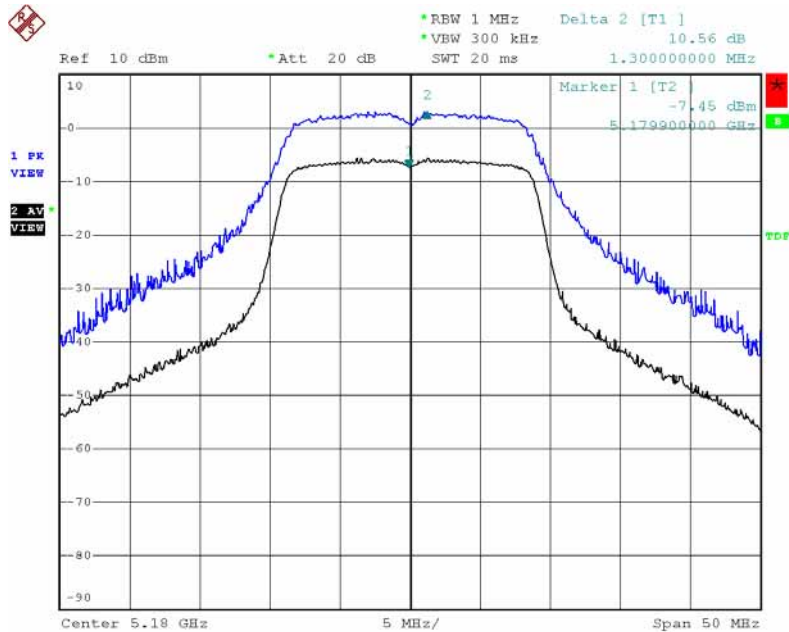
Date: 7.JAN.2008 13:51:35

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 48



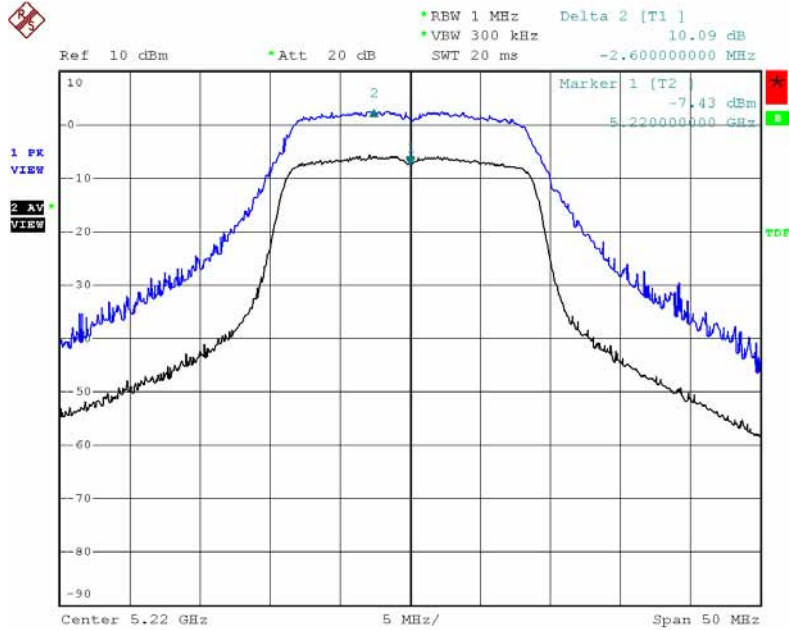
Date: 7.JAN.2008 13:56:07

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 36



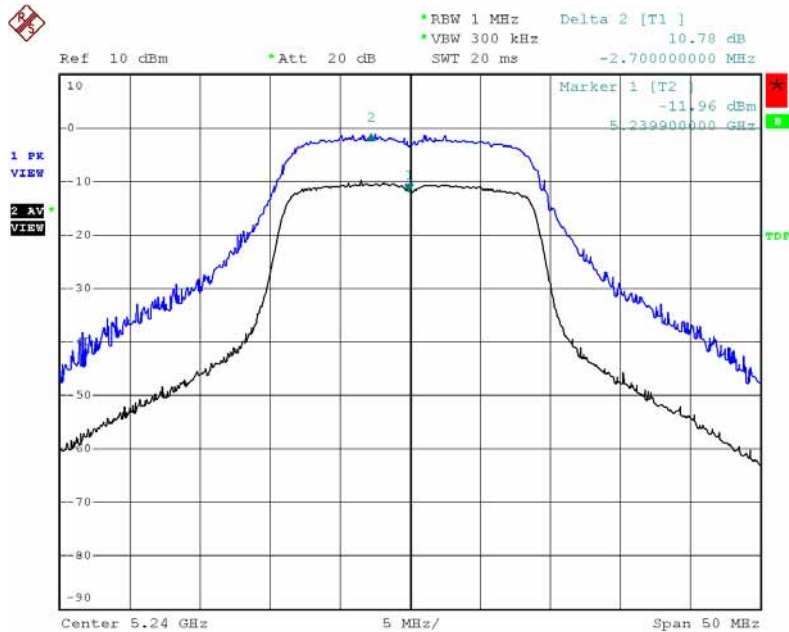
Date: 7.JAN.2008 13:38:00

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 44



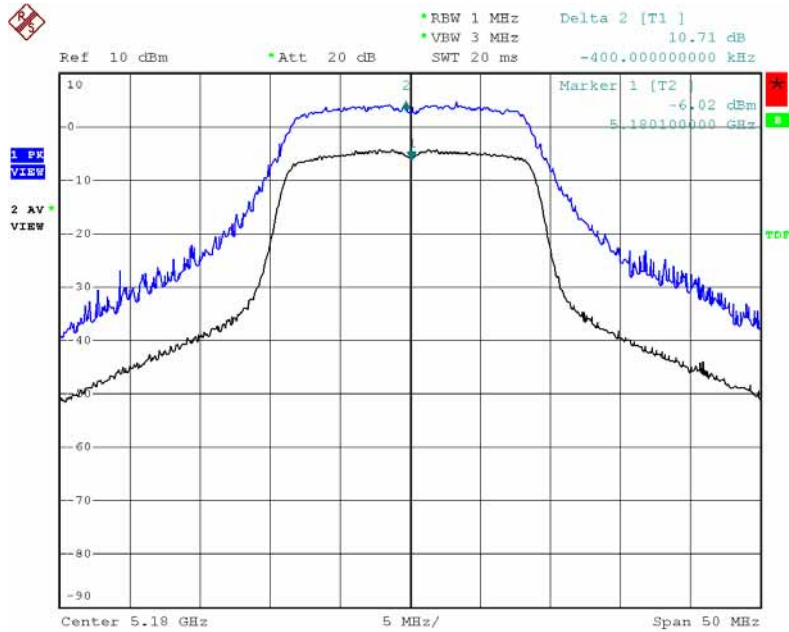
Date: 7.JAN.2008 13:53:01

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 48



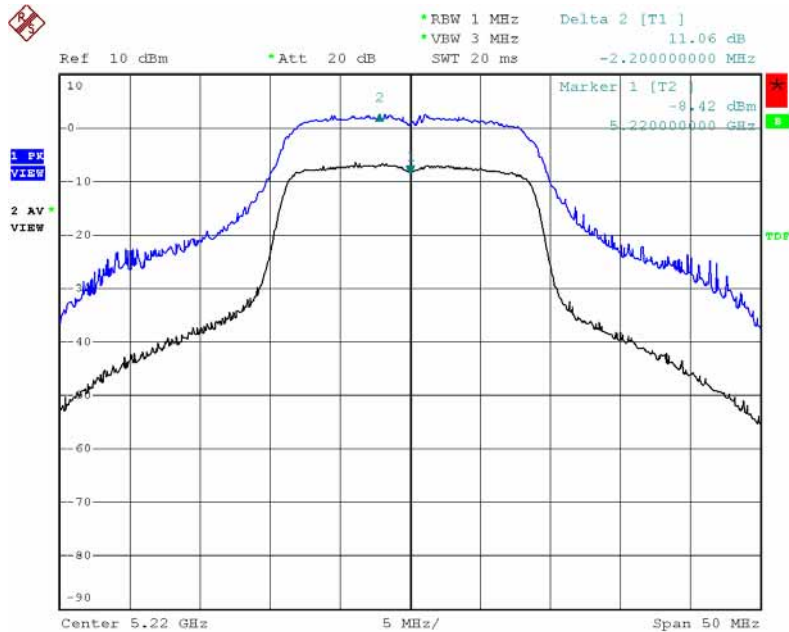
Date: 7.JAN.2008 13:57:10

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 36



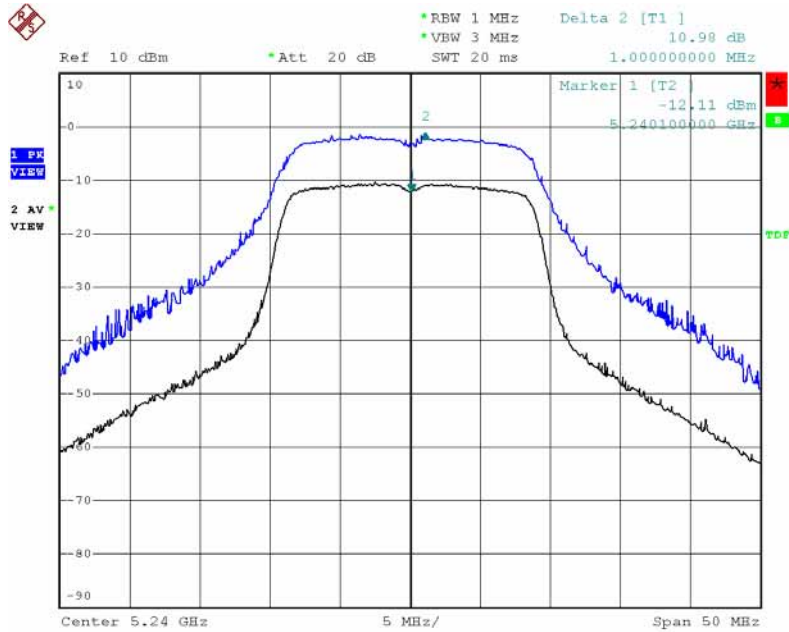
Date: 7.JAN.2008 13:40:42

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 44



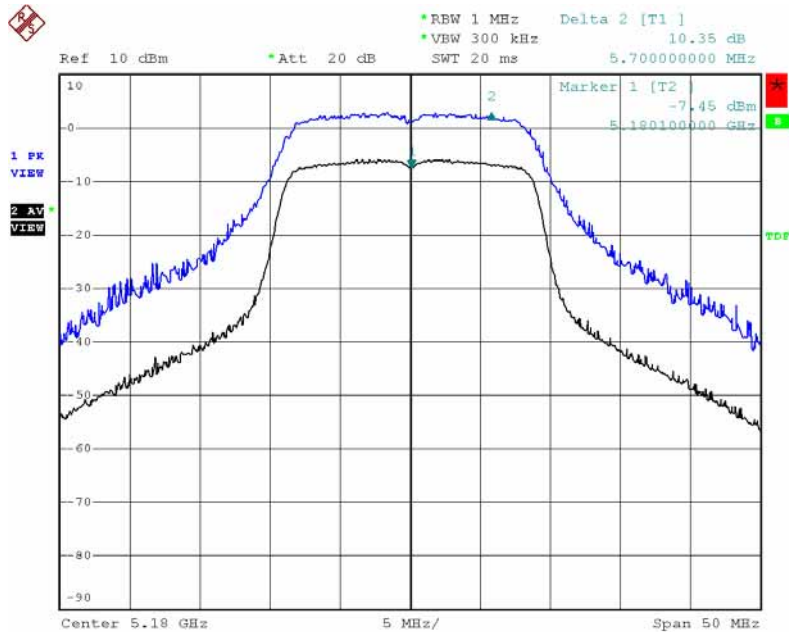
Date: 7.JAN.2008 13:46:56

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 48



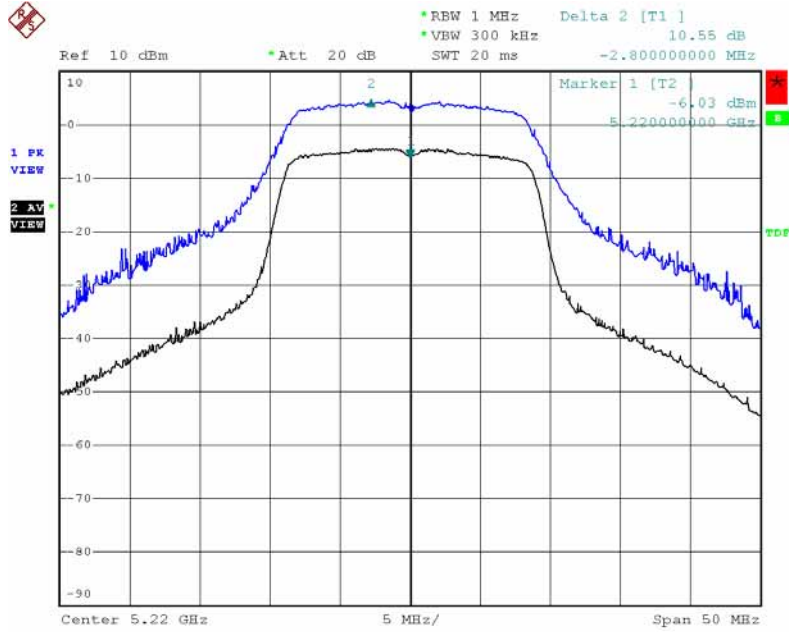
Date: 7.JAN.2008 14:02:46

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
 Channel: 36



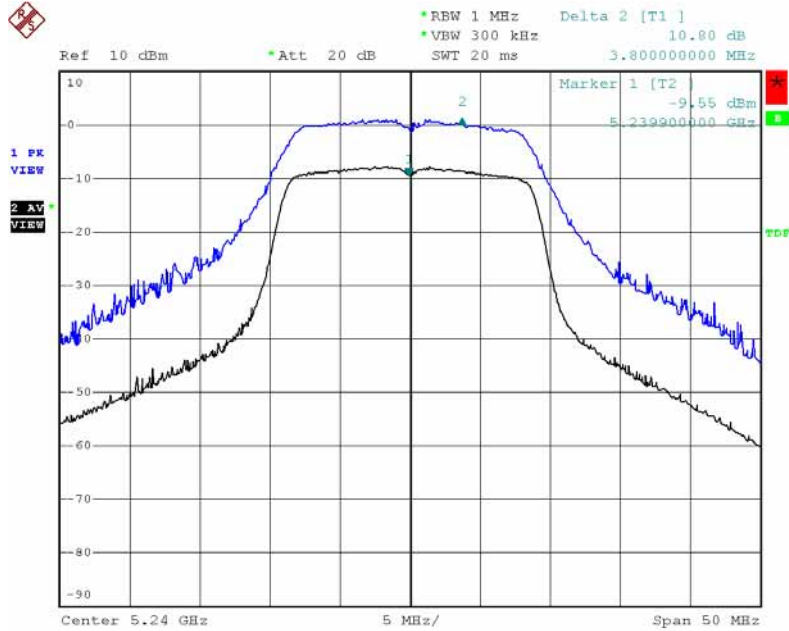
Date: 7.JAN.2008 13:44:42

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
 Channel: 44



Date: 7.JAN.2008 13:50:02

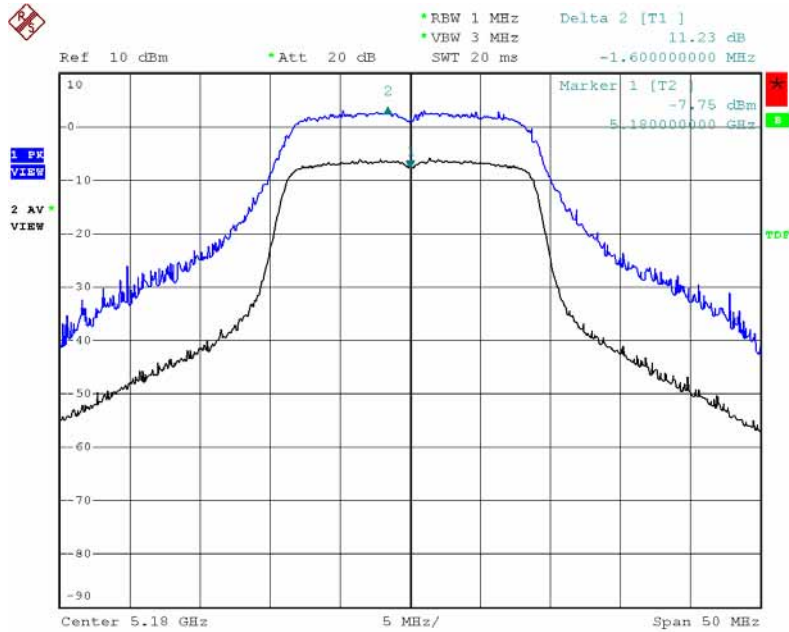
Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
 Channel: 48



Date: 7.JAN.2008 14:01:53

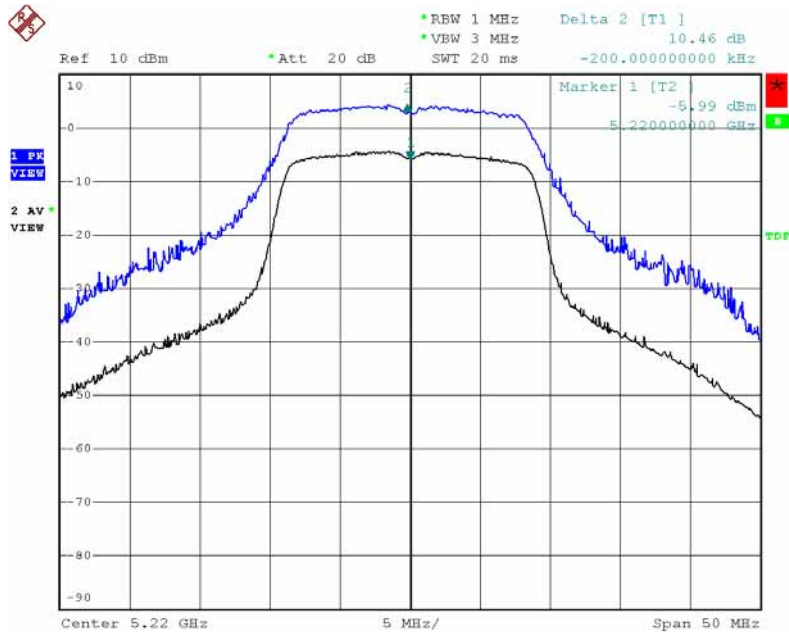


Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-L3 (ANT-R1)  
 Channel: 36



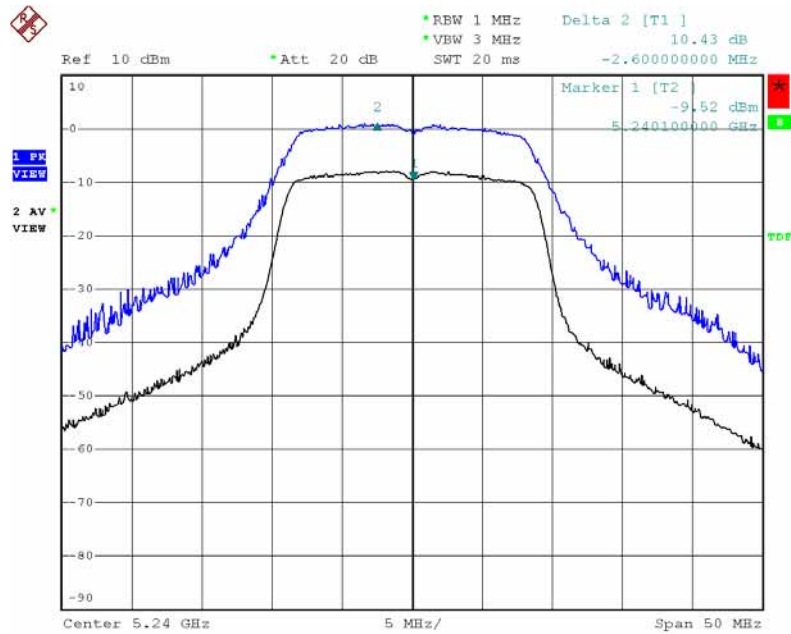
Date: 7.JAN.2008 13:43:32

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-L3 (ANT-R1)  
 Channel: 44



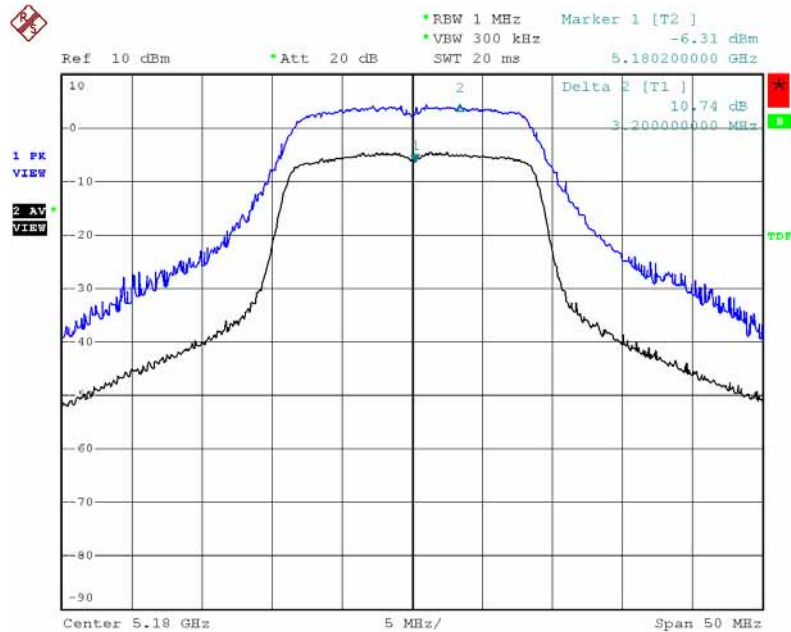
Date: 7.JAN.2008 13:48:23

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-L3 (ANT-R1)  
 Channel: 48



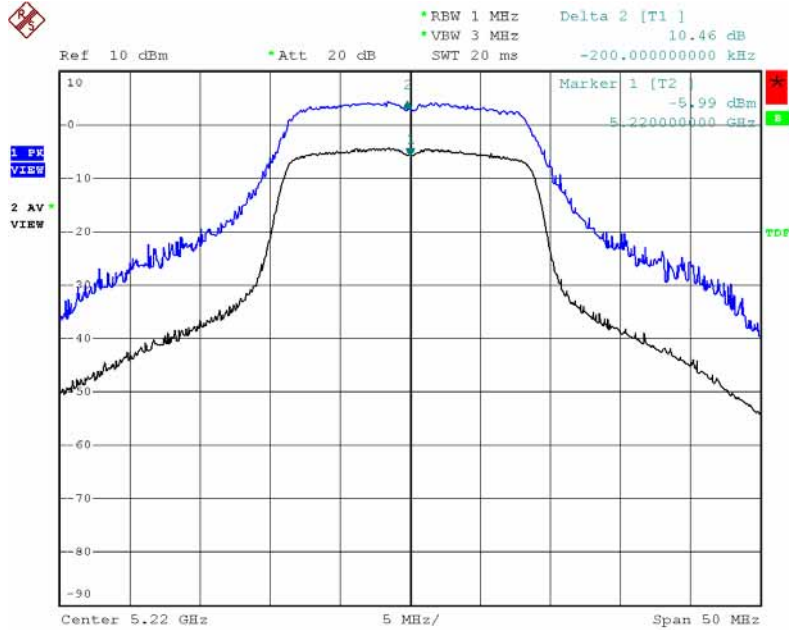
Date: 7.JAN.2008 14:01:09

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-L3 (ANT-L3)  
 Channel: 36



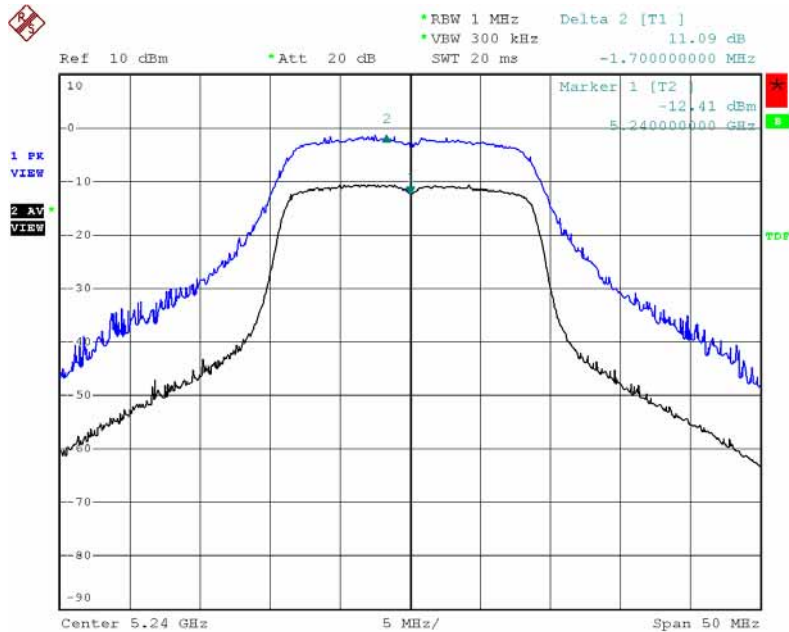
Date: 7.JAN.2008 13:42:30

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-L3 (ANT-L3)  
 Channel: 44



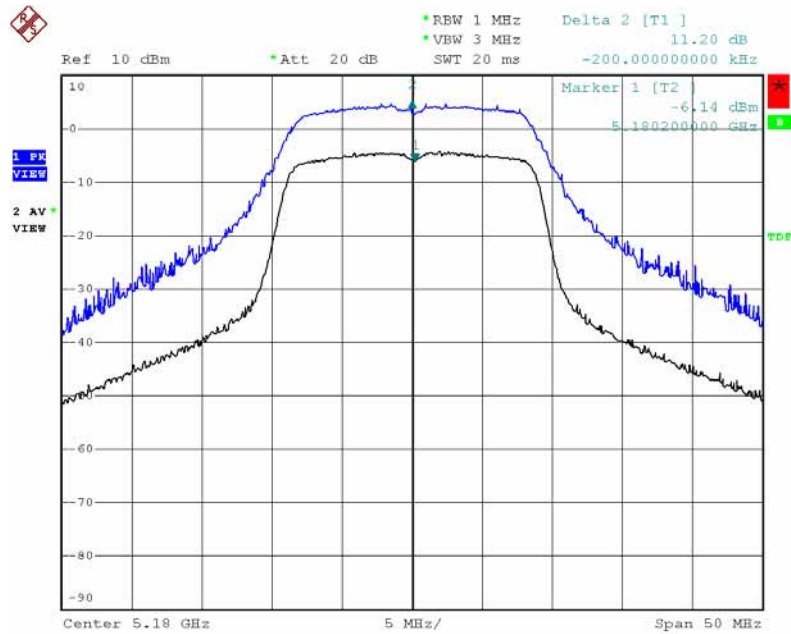
Date: 7.JAN.2008 13:48:23

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-L3 (ANT-L3)  
 Channel: 48



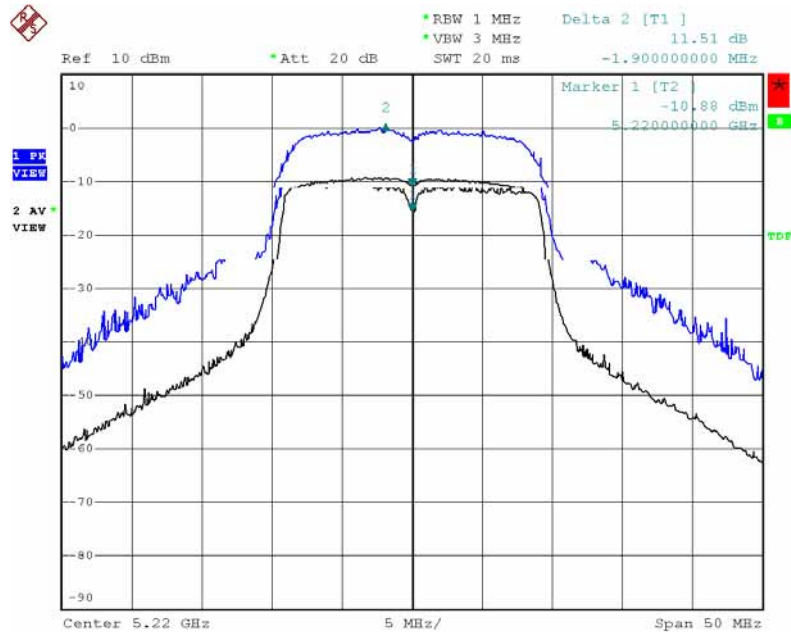
Date: 7.JAN.2008 14:03:39

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-R3 (ANT-R1)  
 Channel: 36



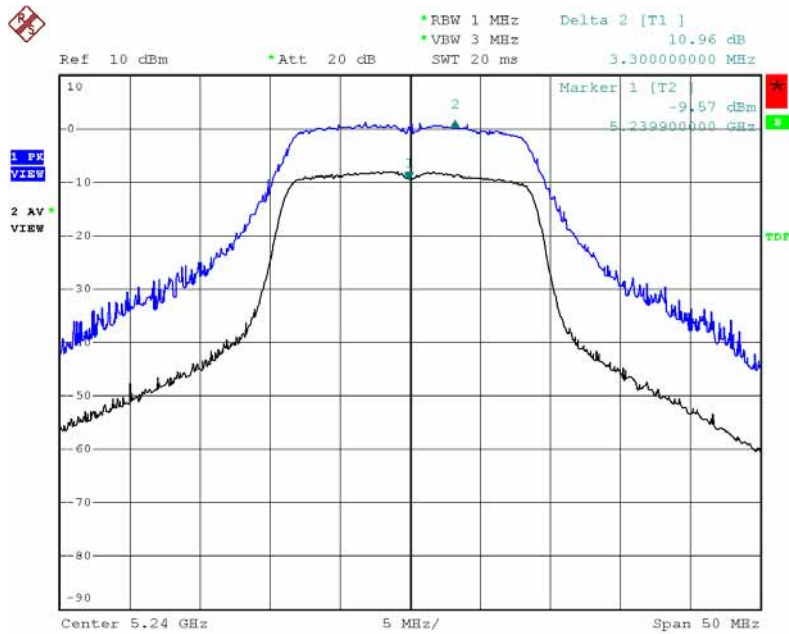
Date: 7.JAN.2008 13:38:42

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-R3 (ANT-R1)  
 Channel: 44



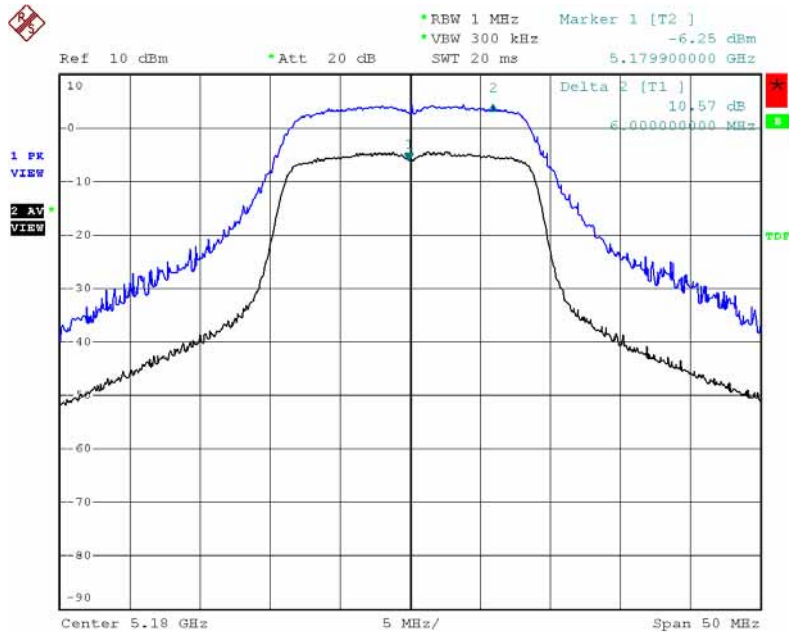
Date: 7.JAN.2008 13:53:46

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-R3 (ANT-R1)  
 Channel: 48



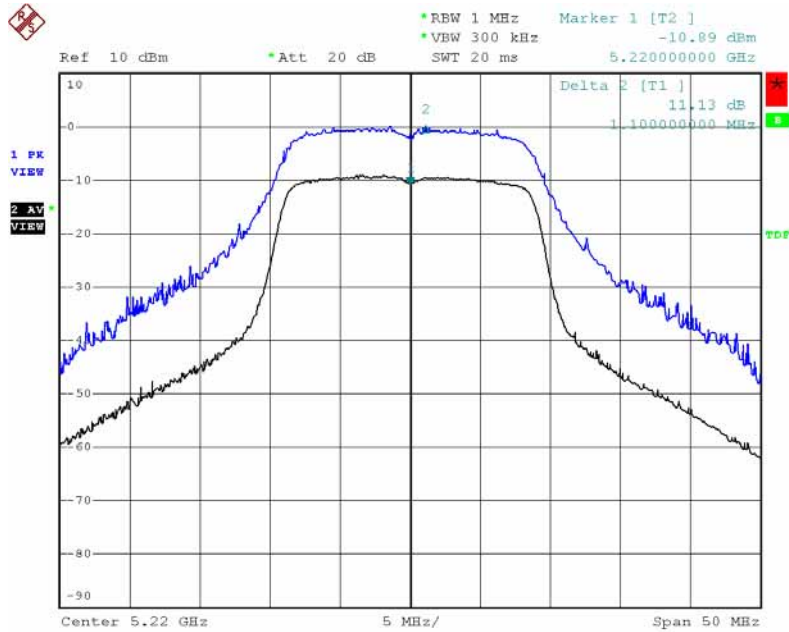
Date: 7.JAN.2008 13:58:57

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-R3 (ANT-R3)  
 Channel: 36



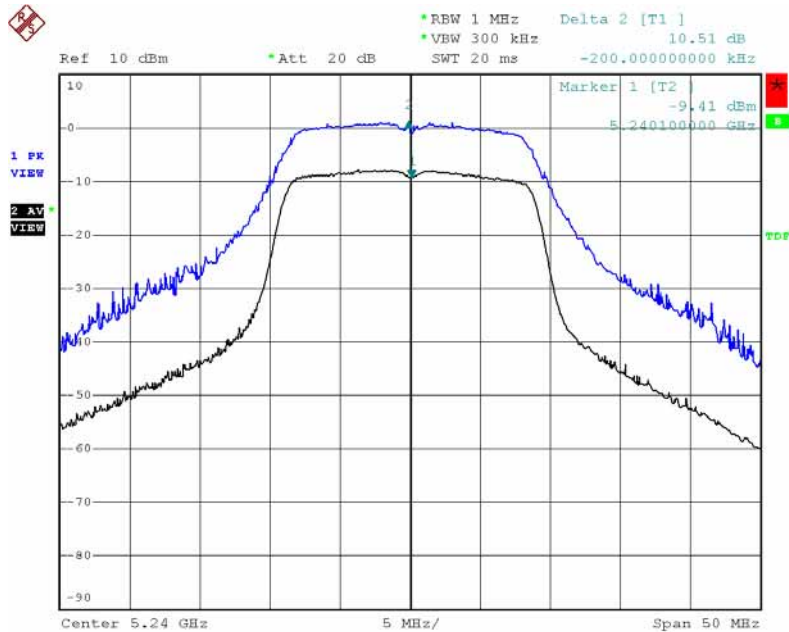
Date: 7.JAN.2008 13:39:22

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-R3 (ANT-R3)  
 Channel: 44



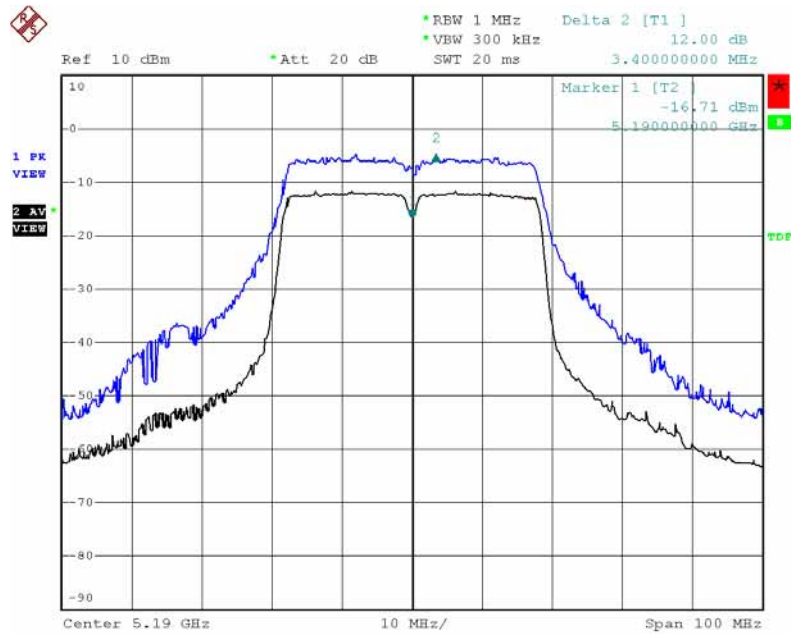
Date: 7.JAN.2008 13:54:31

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-R1+ ANT-R3 (ANT-R3)  
 Channel: 48



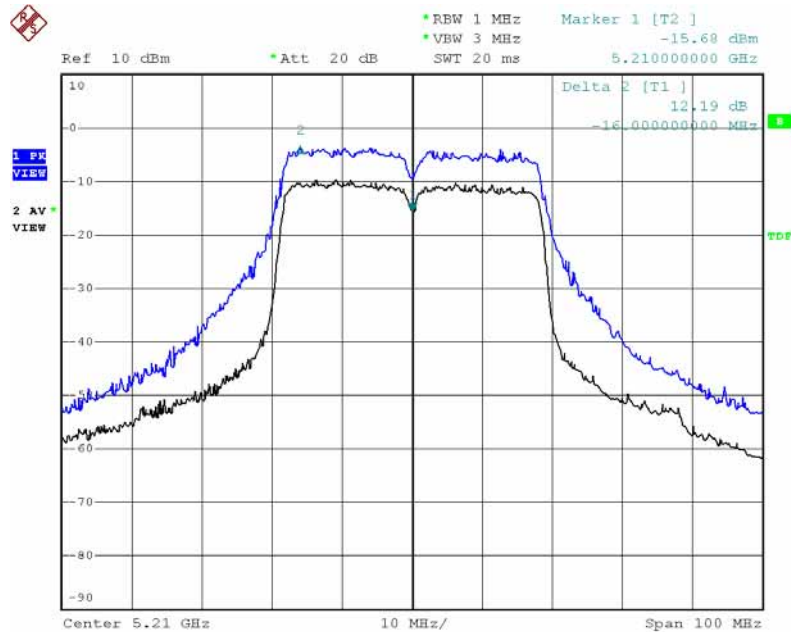
Date: 7.JAN.2008 14:00:00

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 38



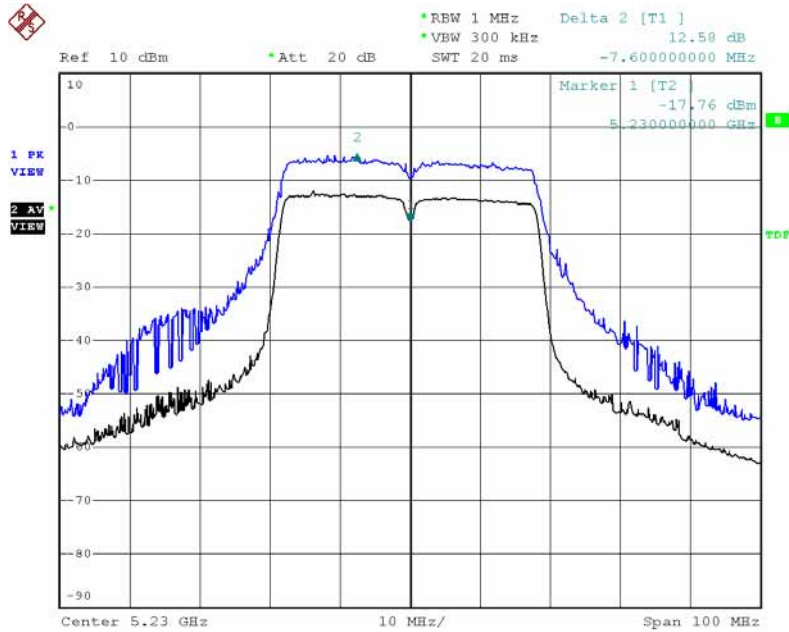
Date: 7.JAN.2008 10:34:00

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 42



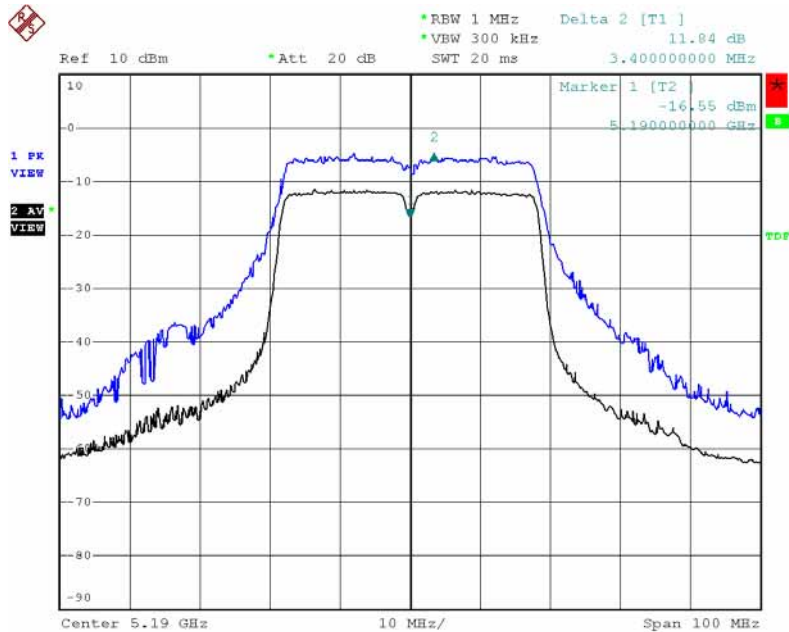
Date: 7.JAN.2008 13:18:44

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 46



Date: 7.JAN.2008 11:53:30

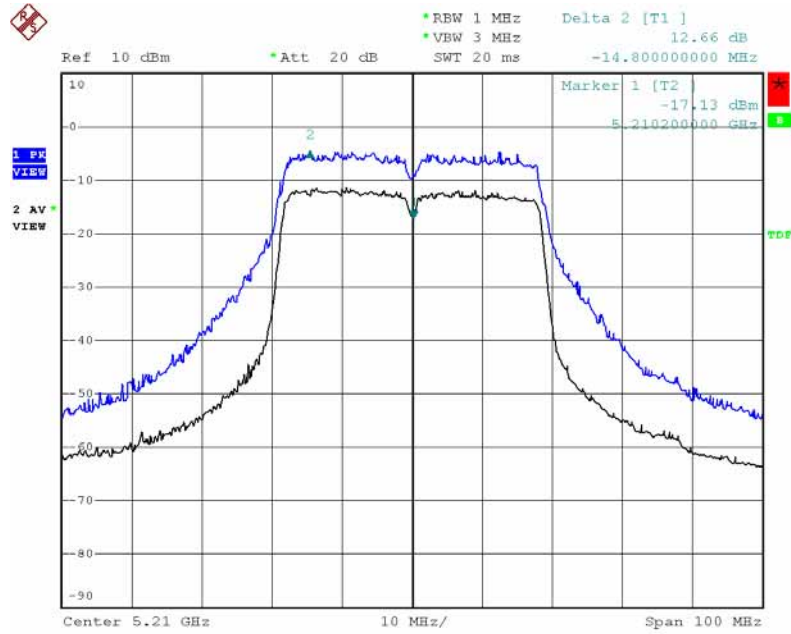
Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 38



Date: 7.JAN.2008 10:34:41

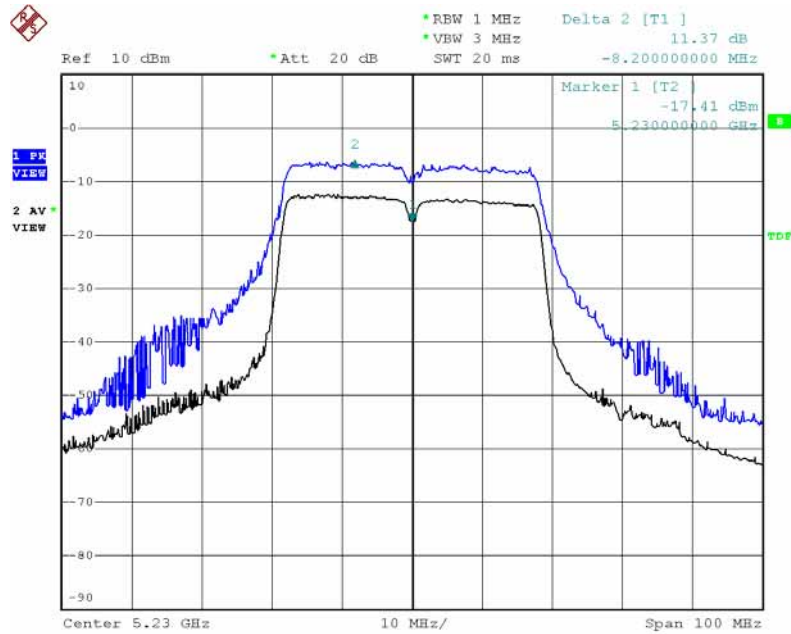


Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 42



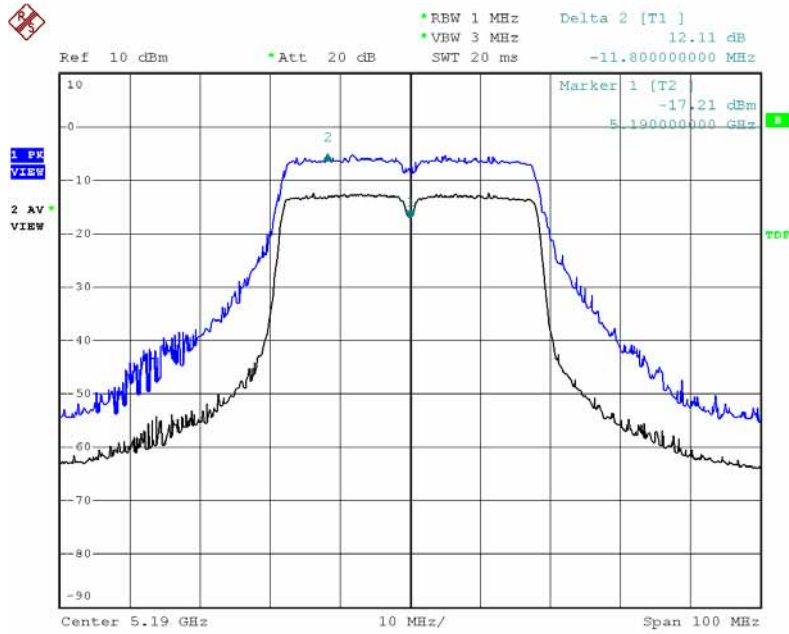
Date: 7.JAN.2008 13:20:27

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 46



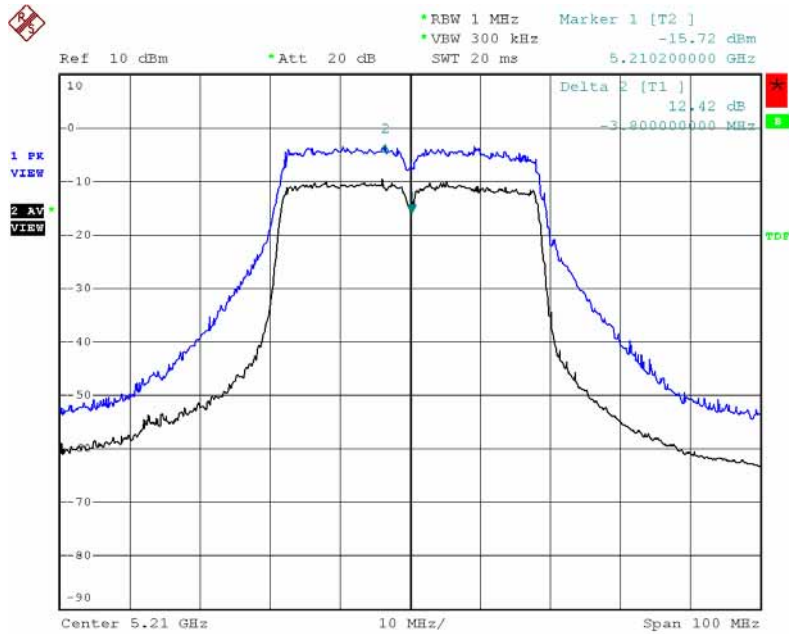
Date: 7.JAN.2008 11:54:18

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 38



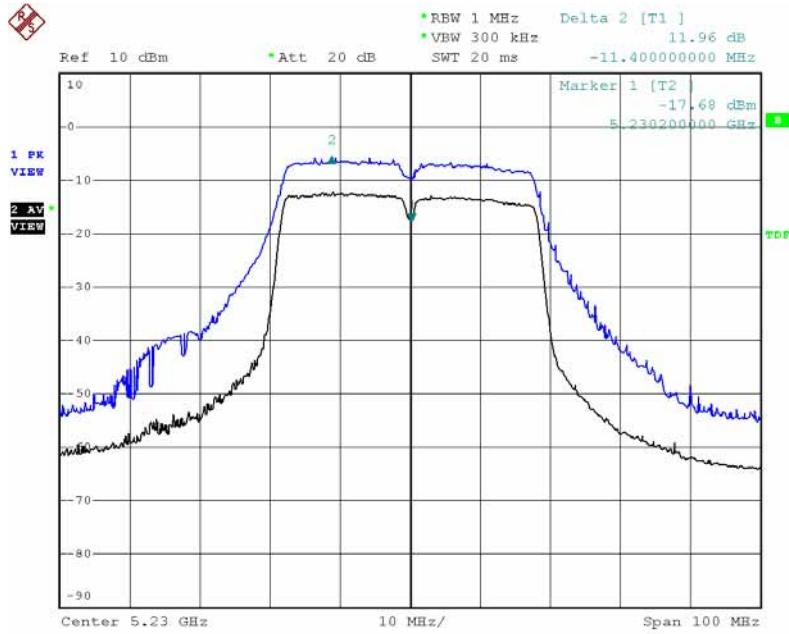
Date: 7.JAN.2008 10:41:20

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 42



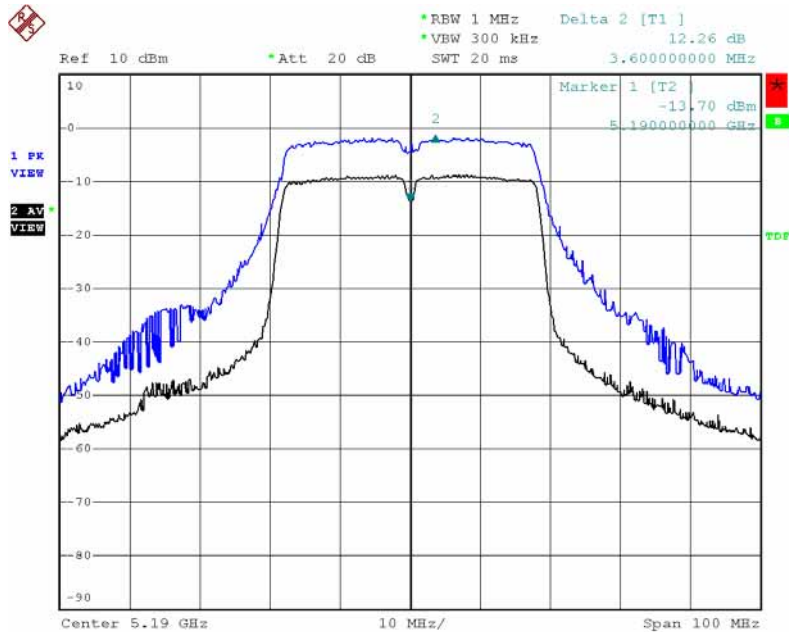
Date: 7.JAN.2008 13:25:15

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 46



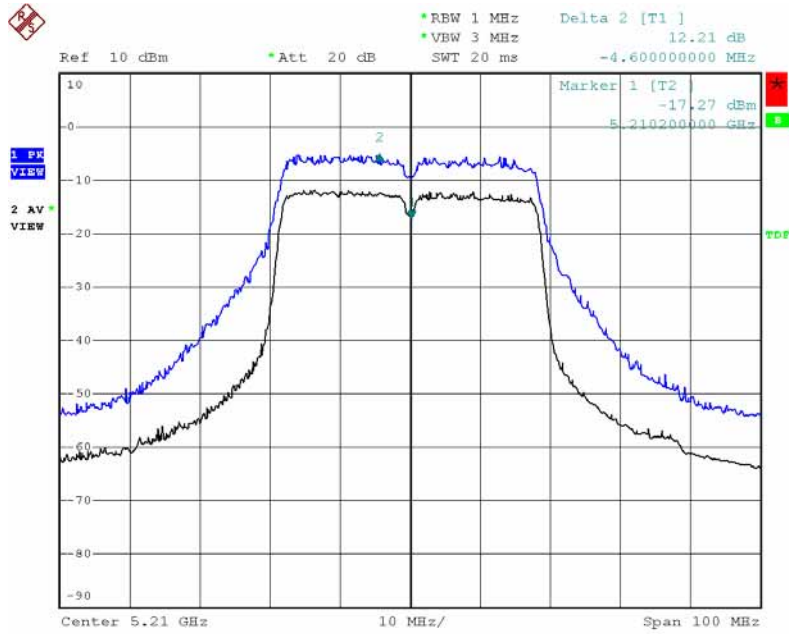
Date: 7.JAN.2008 11:59:07

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
 Channel: 38



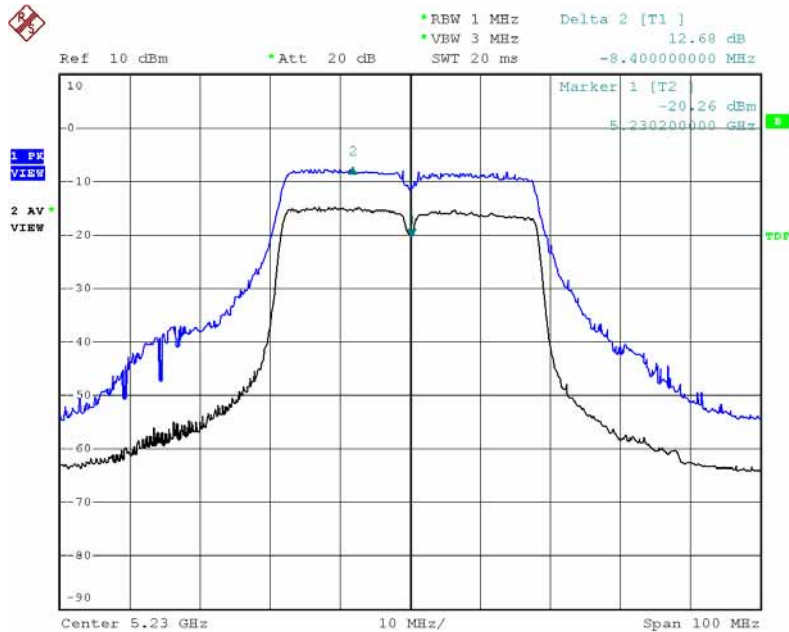
Date: 7.JAN.2008 10:47:29

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
 Channel: 42



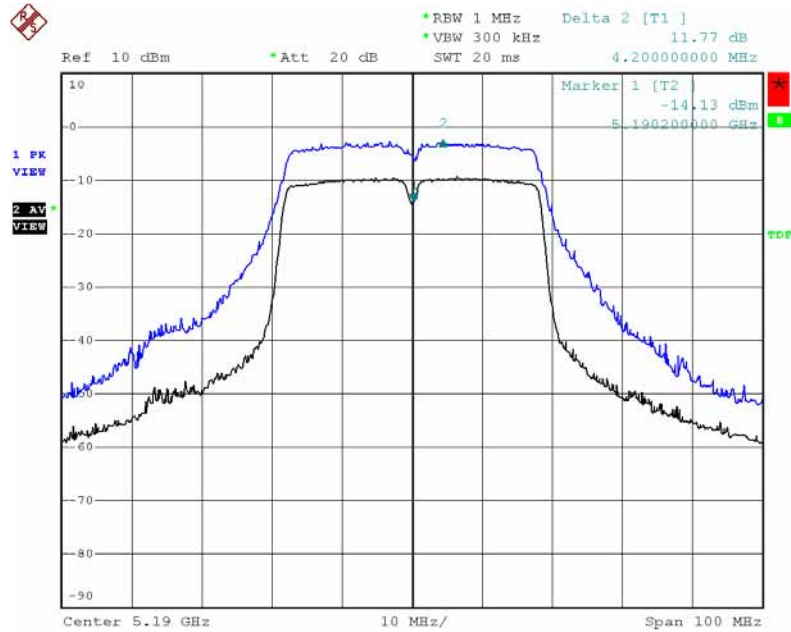
Date: 7.JAN.2008 13:27:56

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
 Channel: 46



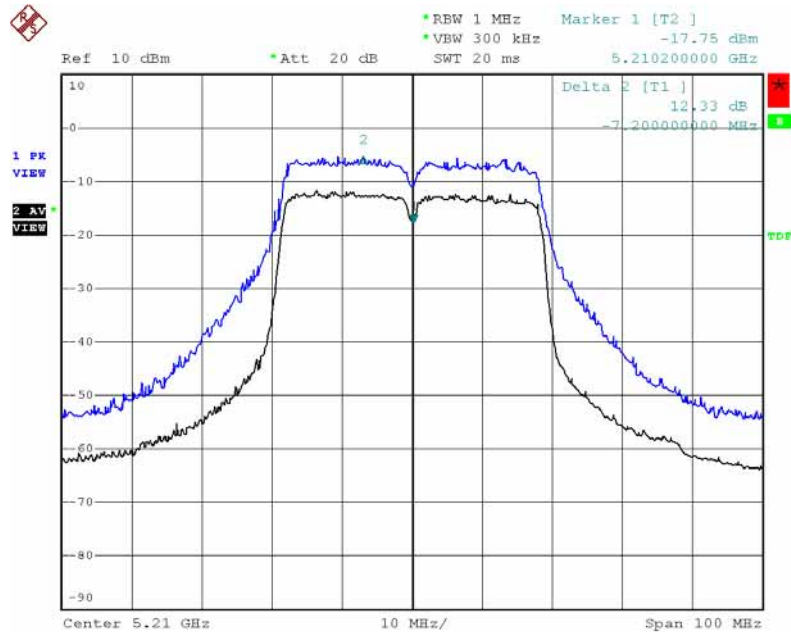
Date: 7.JAN.2008 12:01:49

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-L3 (ANT-R1)  
 Channel: 38



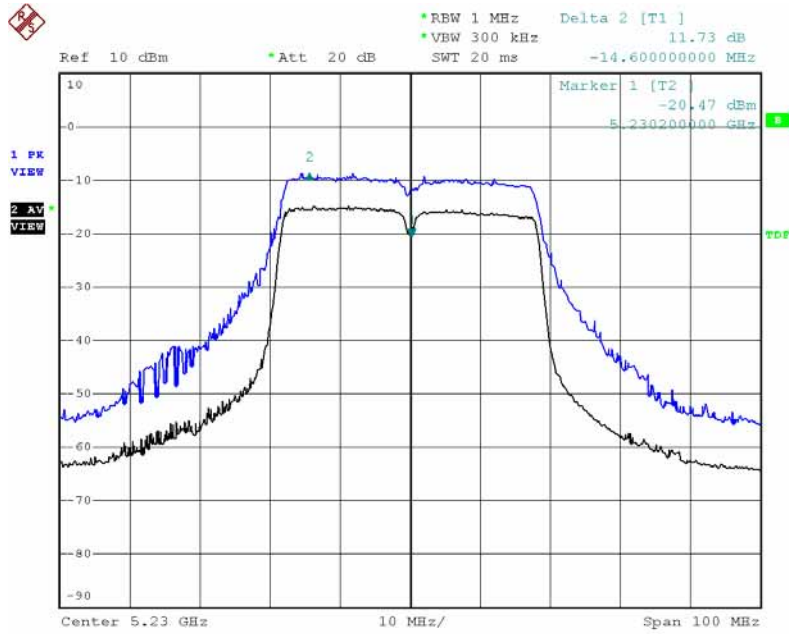
Date: 7.JAN.2008 10:42:37

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-L3 (ANT-R1)  
 Channel: 42



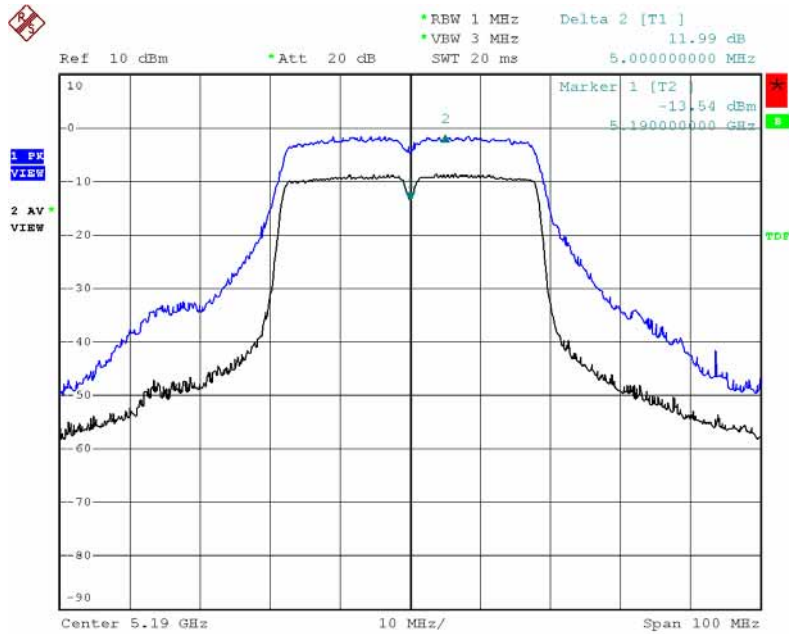
Date: 7.JAN.2008 13:27:04

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-L3 (ANT-R1)  
 Channel: 46



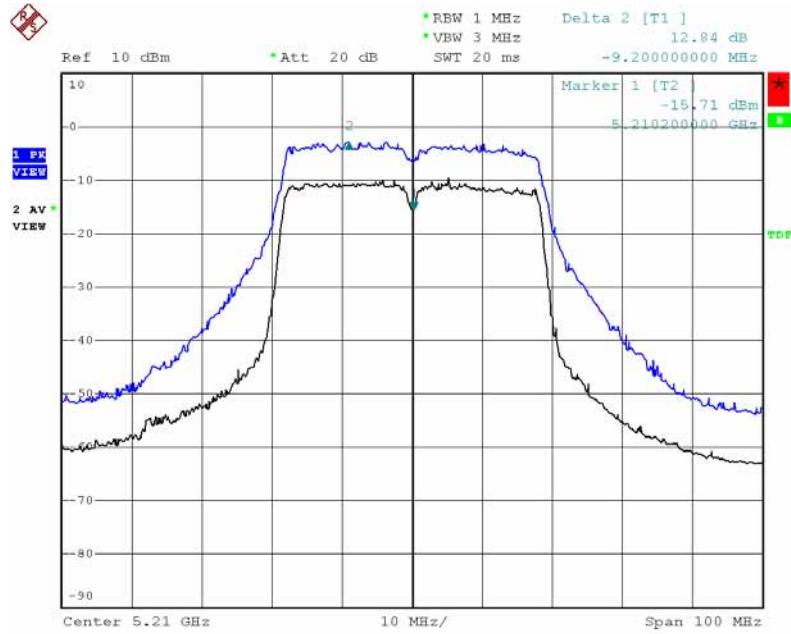
Date: 7.JAN.2008 12:00:50

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-L3 (ANT-L3)  
 Channel: 38



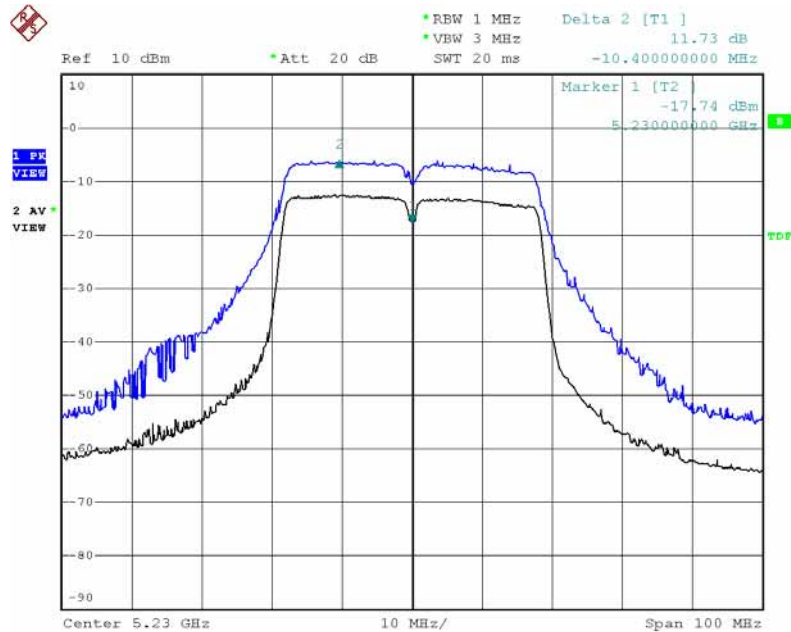
Date: 7.JAN.2008 10:45:57

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-L3 (ANT-L3)  
 Channel: 42



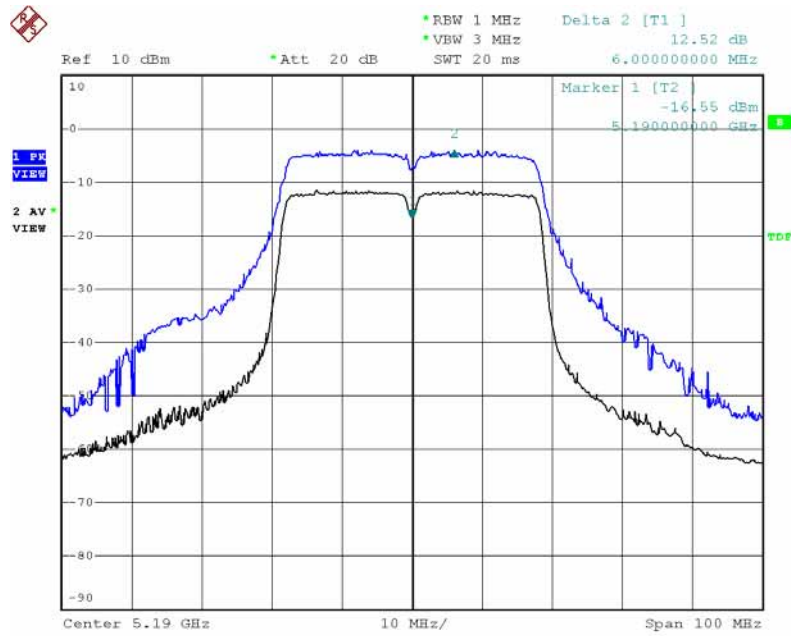
Date: 7.JAN.2008 13:26:07

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-L3 (ANT-L3)  
 Channel: 46



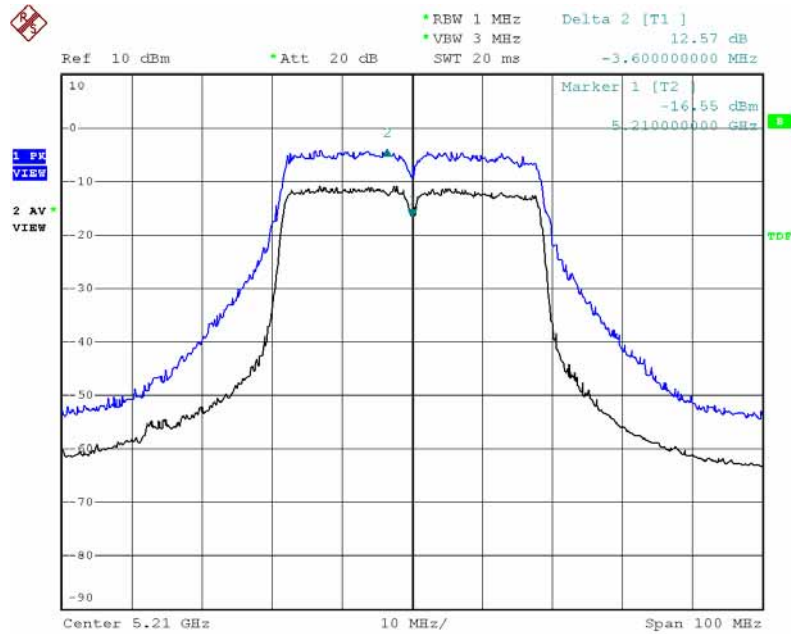
Date: 7.JAN.2008 12:00:07

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-R3 (ANT-R1)  
 Channel: 38



Date: 7.JAN.2008 10:35:40

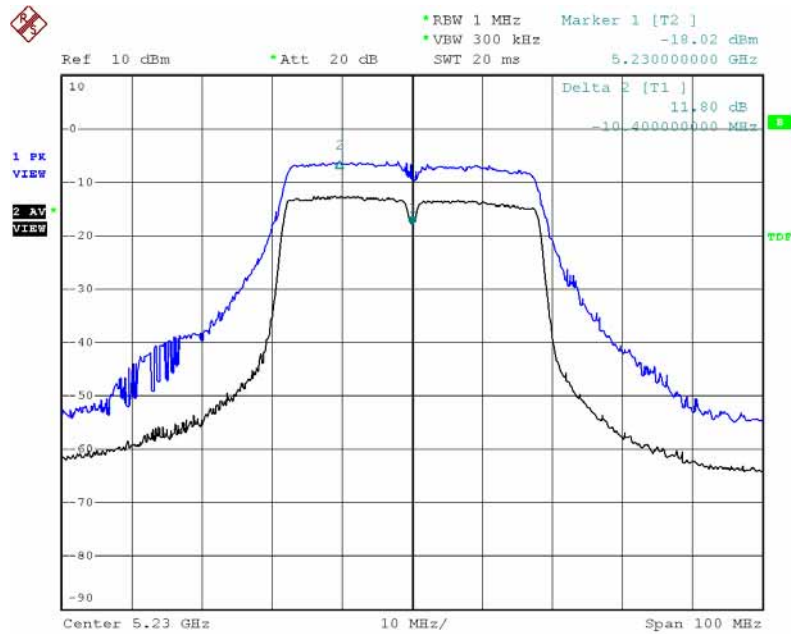
Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-R3 (ANT-R1)  
 Channel: 42



Date: 7.JAN.2008 13:21:57

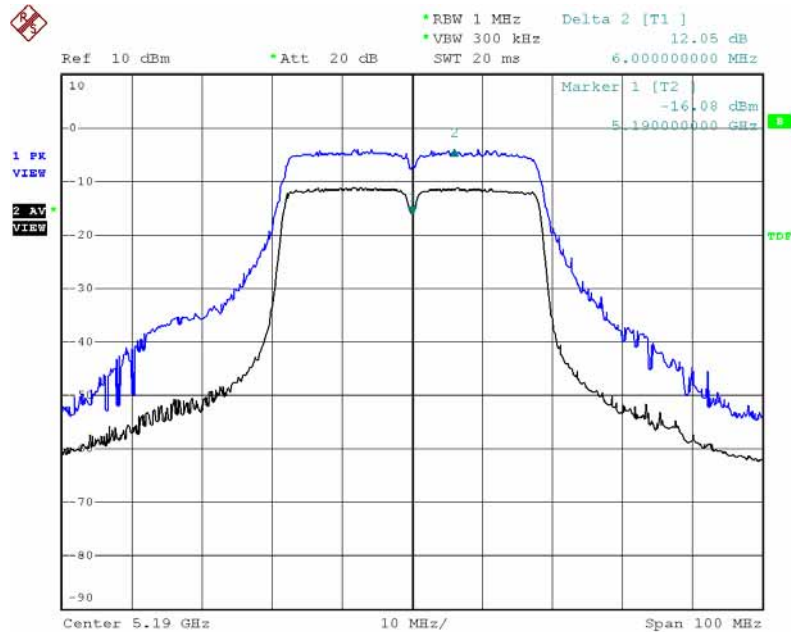


Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-R3 (ANT-R1)  
 Channel: 46



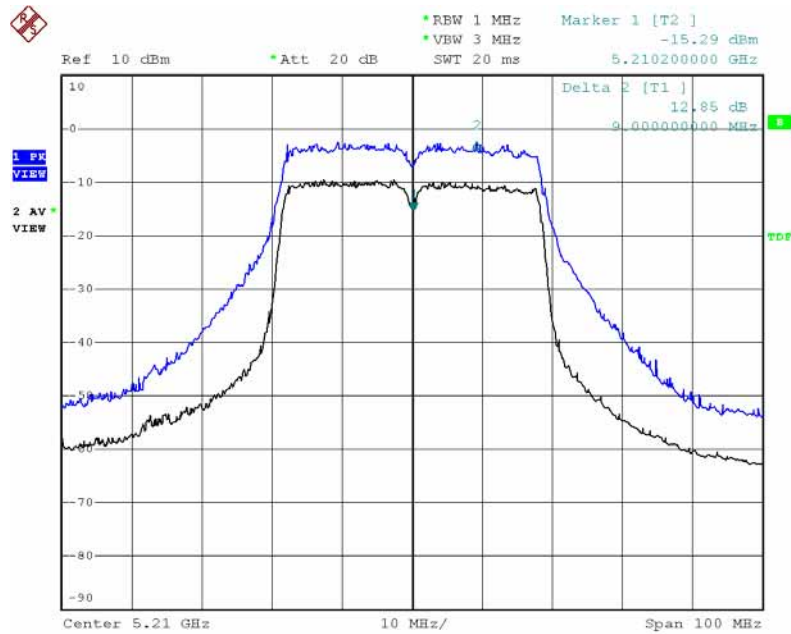
Date: 7.JAN.2008 11:55:16

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-R3 (ANT-R3)  
 Channel: 38



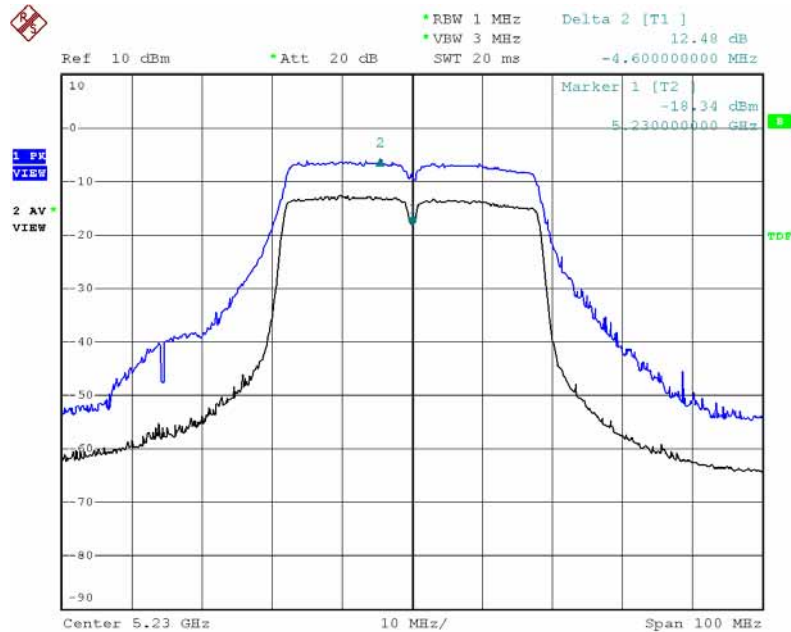
Date: 7.JAN.2008 10:36:28

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-R3 (ANT-R3)  
 Channel: 42



Date: 7.JAN.2008 13:23:03

Modulation Standard: 802.11Draft n, 40MHz (270Mbps) – ANT-R1+ ANT-R3 (ANT-R3)  
 Channel: 46



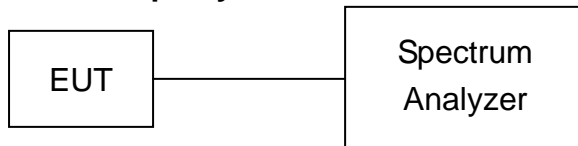
Date: 7.JAN.2008 11:56:12

## 8. Peak Power Spectral Density

### 8.1. Test Procedure

1. The transmitter output was connected to spectrum analyzer.
2. Set RBW of spectrum analyzer to 1 MHz and VBW to 3 MHz
3. The Peak Power Spectral Density is the highest level found across the emission in any 1MHz Band

### 8.2. Test Setup Layout



### 8.3. Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date.
Spectrum Analyzer	FSP40	R&S	100047	2007/01/23	2008/01/22

### 8.4. Test Result and Data

Test Mode 1: 802.11a, Transmit Rate: 6Mbps, ANT-L1

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW (dBm)
36	5180	0.76
44	5220	0.53
48	5240	0.67

Test Mode 2: 802.11a, Transmit Rate: 6Mbps, ANT-L3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW (dBm)
36	5180	-0.15
44	5220	-0.16
48	5240	0.13

Test Mode 3: 802.11a, Transmit Rate: 6Mbps, ANT-R1

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW (dBm)
36	5180	1.20
44	5220	0.22
48	5240	0.42

Test Mode 4: 802.11a, Transmit Rate: 6Mbps, ANT-R3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW (dBm)
36	5180	-0.14
44	5220	-0.67
48	5240	-0.24

Test Mode 5: 802.11Draft n, 20MHz, Transmit Rate: 130Mbps, ANT-L1+ANT-L3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW L1 (dBm)	RF Power Level In 1MHz BW L3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
36	5180	-5.22	-5.84	-2.51
44	5220	-5.33	-5.00	-2.15
48	5240	-4.97	-5.31	-2.13

Test Mode 6: 802.11Draft n, 20MHz, Transmit Rate: 130Mbps, ANT-L1+ANT-R3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW L1 (dBm)	RF Power Level In 1MHz BW R3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
36	5180	-4.90	-5.35	-2.11
44	5220	-5.39	-5.97	-2.66
48	5240	-5.94	-4.89	-2.37

Test Mode 7: 802.11Draft n, 20MHz, Transmit Rate: 130Mbps, ANT-R1+ANT-L3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW R1 (dBm)	RF Power Level In 1MHz BW L3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
36	5180	-5.22	-5.77	-2.48
44	5220	-5.46	-5.91	-2.67
48	5240	-5.33	-5.17	-2.24

Test Mode 8: 802.11Draft n, 20MHz, Transmit Rate: 130Mbps, ANT-R1+ANT-R3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW R1 (dBm)	RF Power Level In 1MHz BW R3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
36	5180	-2.38	-4.43	-0.27
44	5220	-4.06	-4.34	-1.19
48	5240	-2.92	-2.99	0.06

Test Mode 9: 802.11Draft n, 40MHz, Transmit Rate: 270Mbps, ANT-L1+ANT-L3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW L1 (dBm)	RF Power Level In 1MHz BW L3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
38	5190	-5.49	-5.73	-2.60
42	5210	-9.36	-9.98	-6.65
46	5230	-9.73	-9.59	-6.65

Test Mode 10: 802.11Draft n, 40MHz, Transmit Rate: 270Mbps, ANT-L1+ANT-R3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	RF Power Level In 1MHz BW L1 (dBm)	RF Power Level In 1MHz BW R3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
38	5190	-7.89	-10.74	-6.07
42	5210	-8.38	-8.25	-5.30
46	5230	-8.01	-10.15	-5.94

Test Mode 11: 802.11Draft n, 40MHz, Transmit Rate: 270Mbps, ANT-R1+ANT-L3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

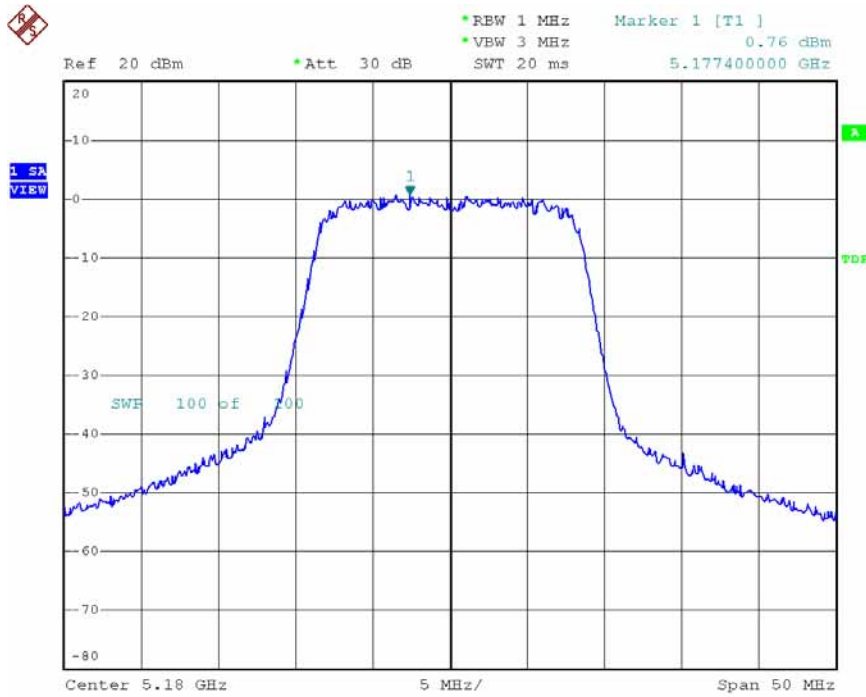
Channel	Frequency (MHz)	RF Power Level In 1MHz BW R1 (dBm)	RF Power Level In 1MHz BW L3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
38	5190	-8.37	-9.15	-5.73
42	5210	-9.29	-10.28	-6.75
46	5230	-9.14	-9.24	-6.18

Test Mode 12: 802.11Draft n, 40MHz, Transmit Rate: 270Mbps, ANT-R1+ANT-R3

Test Date: Dec. 12, 2007 Temperature: 23 Humidity: 60% Atmospheric pressure: 1008 hPa

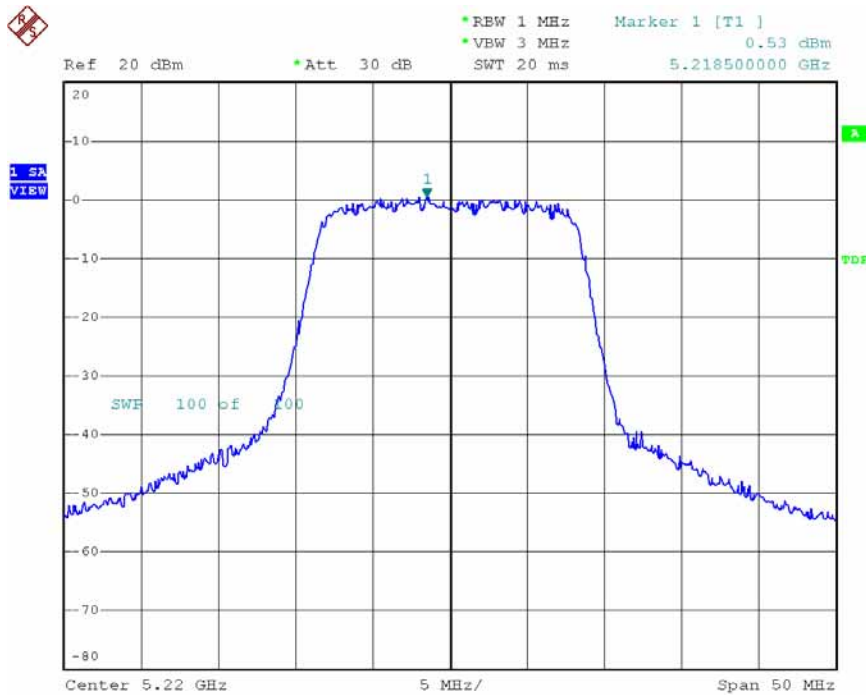
Channel	Frequency (MHz)	RF Power Level In 1MHz BW R1 (dBm)	RF Power Level In 1MHz BW R3 (dBm)	RF Power Level In 1MHz BW Total (dBm)
38	5190	-8.72	-9.32	-6.00
42	5210	-8.32	-9.80	-5.99
46	5230	-10.07	-11.10	-7.54

Modulation Standard: 802.11a (6Mbps) – ANT-L1  
 Channel: 36



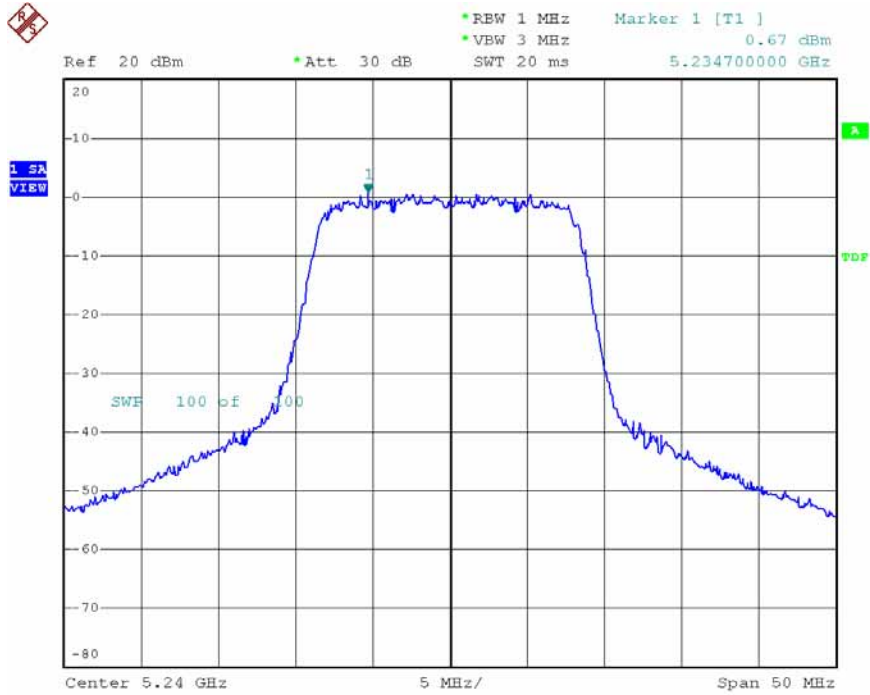
Date: 12.DEC.2007 13:55:43

Modulation Standard: 802.11a (6Mbps) – ANT-L1  
 Channel: 44



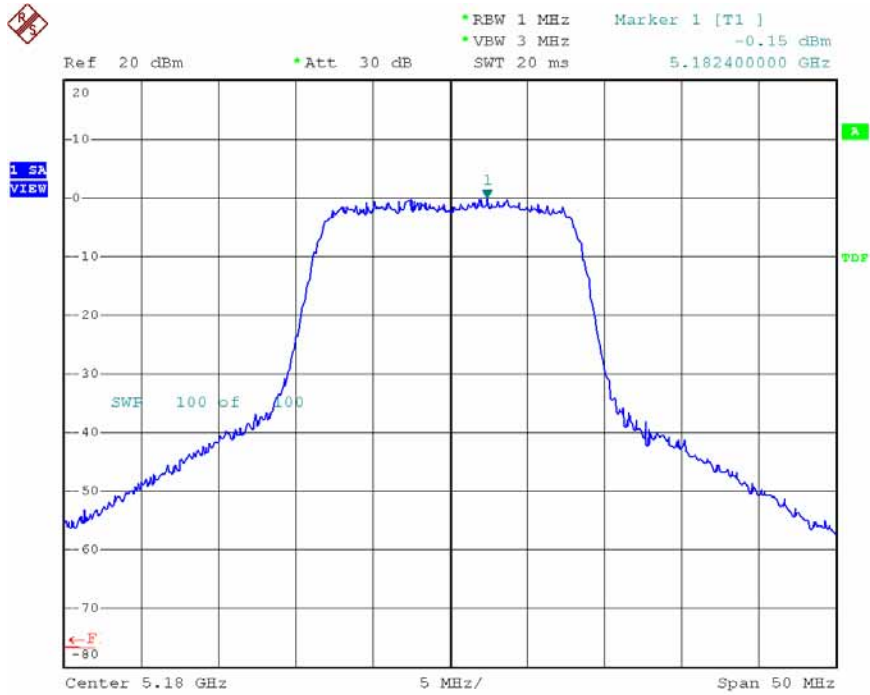
Date: 12.DEC.2007 13:55:11

Modulation Standard: 802.11a (6Mbps) – ANT-L1  
 Channel: 48



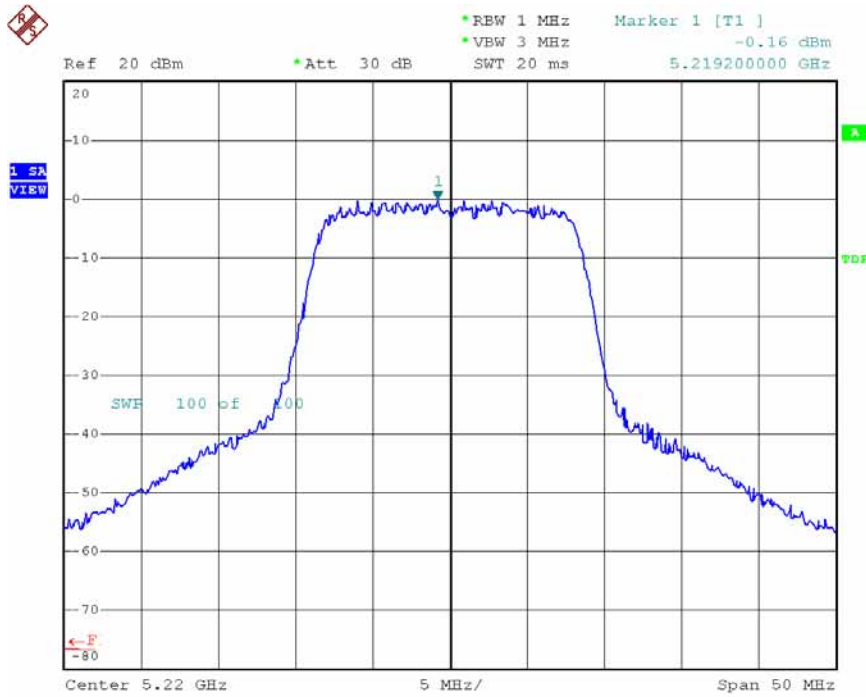
Date: 12.DEC.2007 13:54:08

Modulation Standard: 802.11a (6Mbps) – ANT-L3  
 Channel: 36



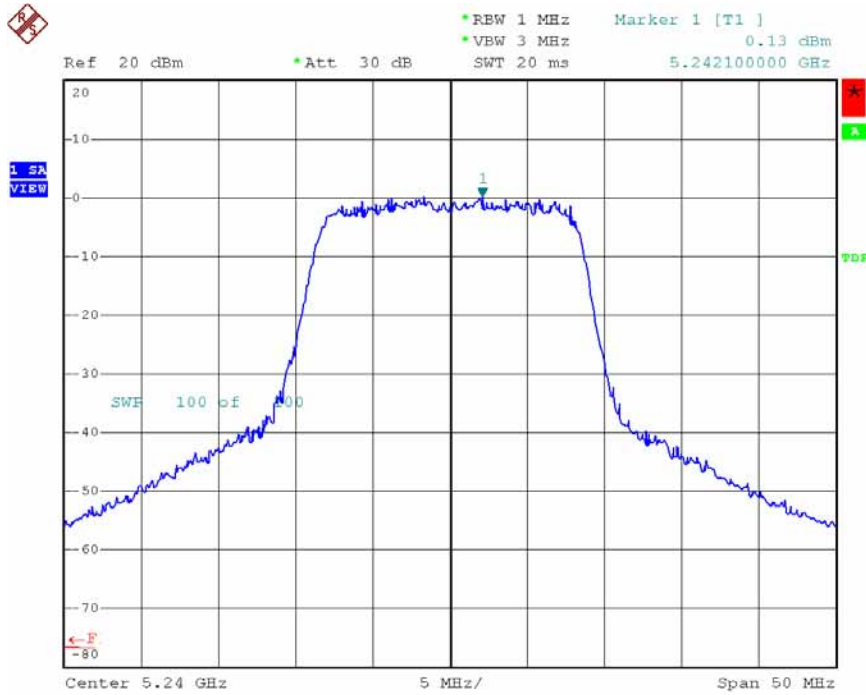
Date: 12.DEC.2007 14:14:37

Modulation Standard: 802.11a (6Mbps) – ANT-L3  
 Channel: 44



Date: 12.DEC.2007 14:13:14

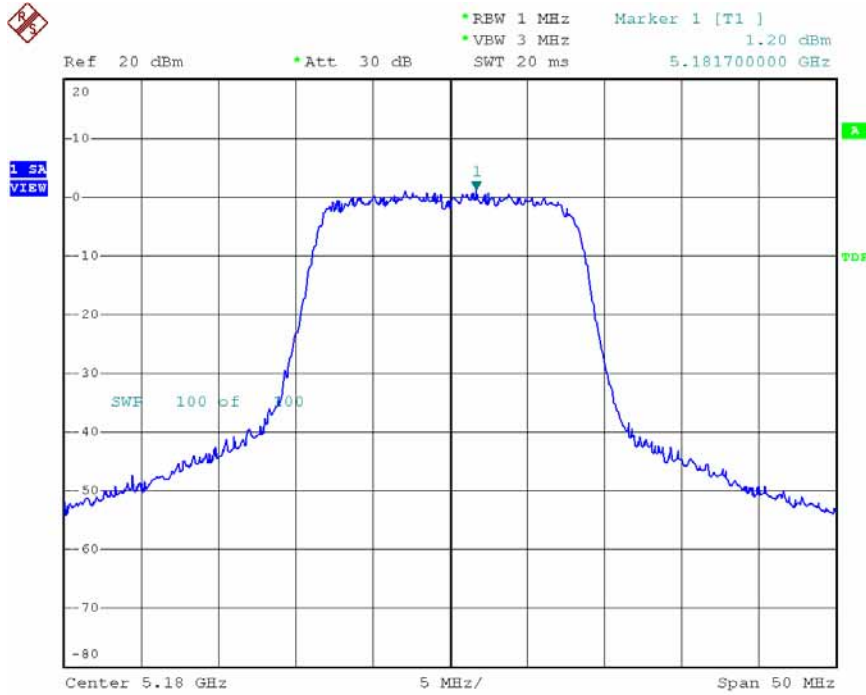
Modulation Standard: 802.11a (6Mbps) – ANT-L3  
 Channel: 48



Date: 12.DEC.2007 14:14:00

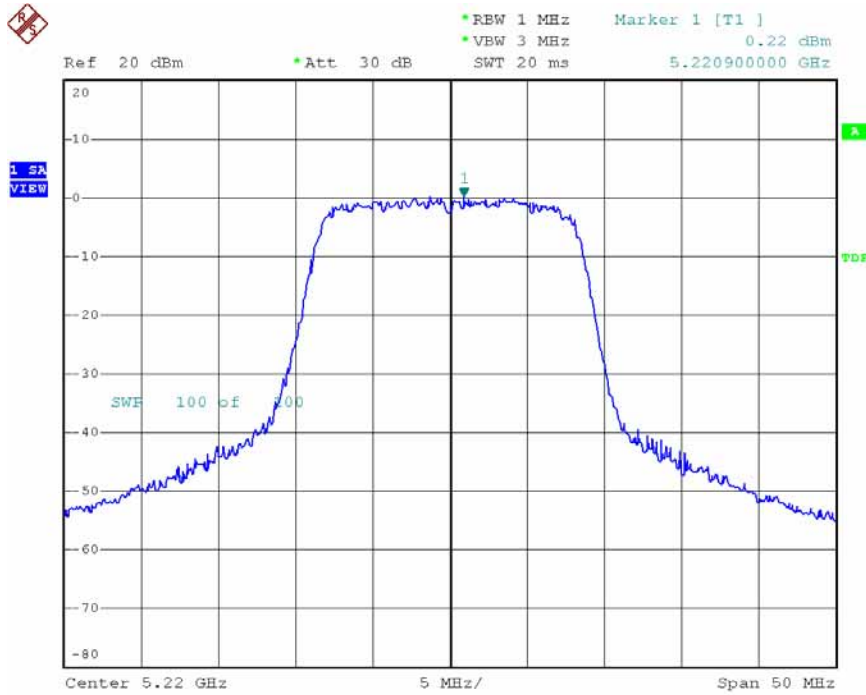


Modulation Standard: 802.11a (6Mbps) – ANT-R1  
Channel: 36



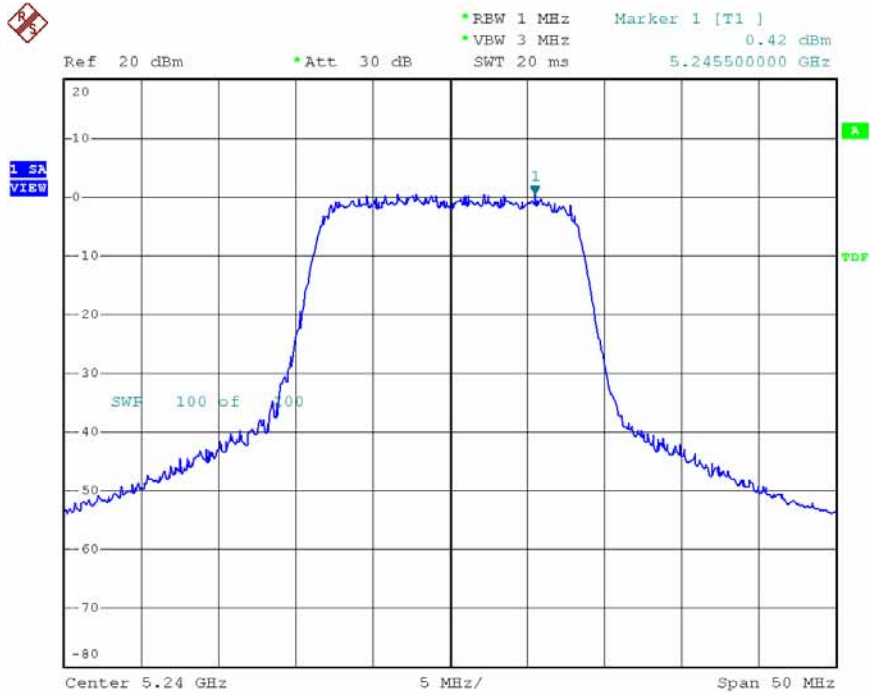
Date: 12.DEC.2007 14:51:30

Modulation Standard: 802.11a (6Mbps) – ANT-R1  
Channel: 44



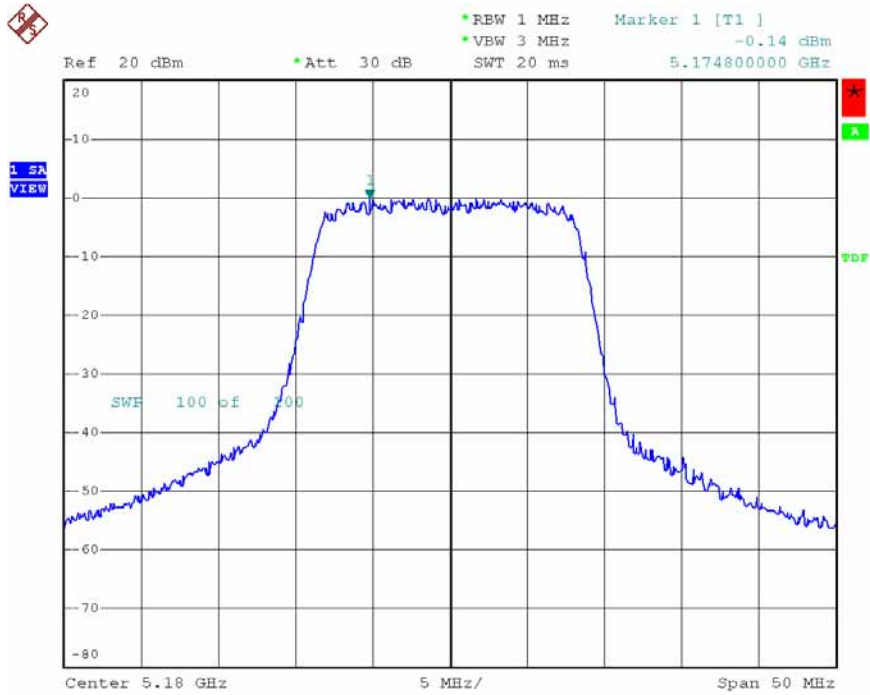
Date: 12.DEC.2007 14:50:56

Modulation Standard: 802.11a (6Mbps) – ANT-R1  
 Channel: 48



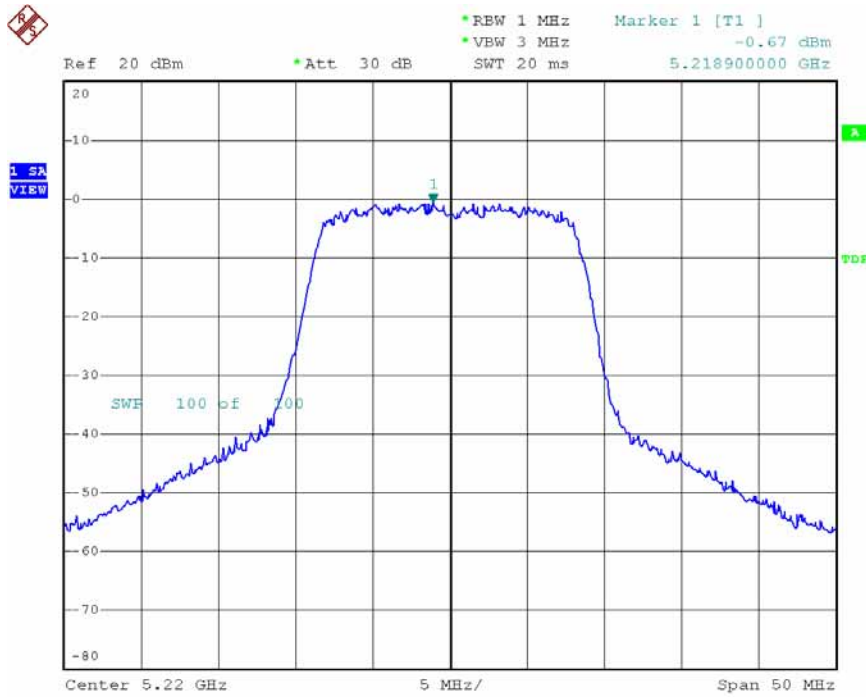
Date: 12.DEC.2007 14:50:28

Modulation Standard: 802.11a (6Mbps) – ANT-R3  
 Channel: 36



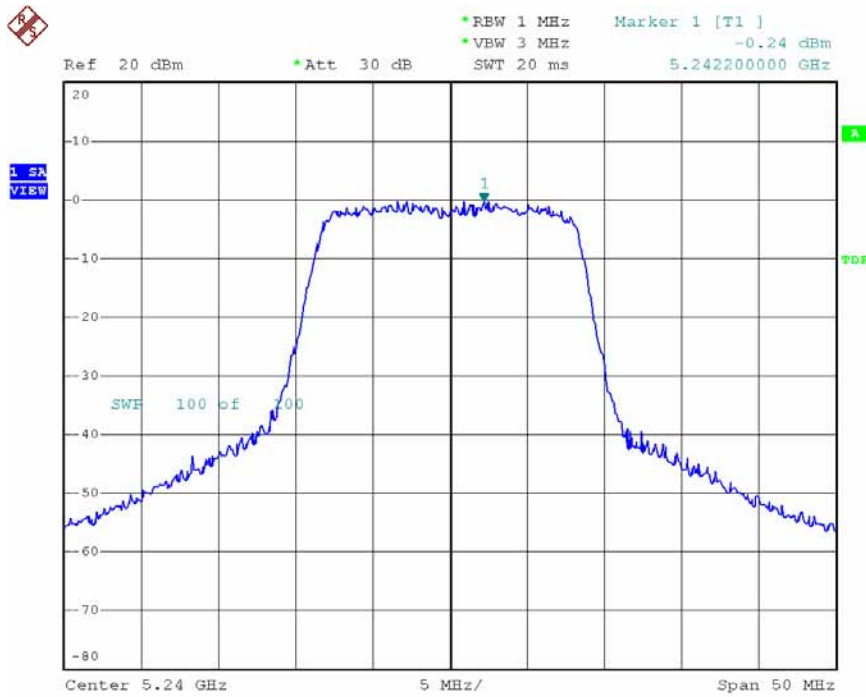
Date: 12.DEC.2007 15:08:18

Modulation Standard: 802.11a (6Mbps) – ANT-R3  
 Channel: 44



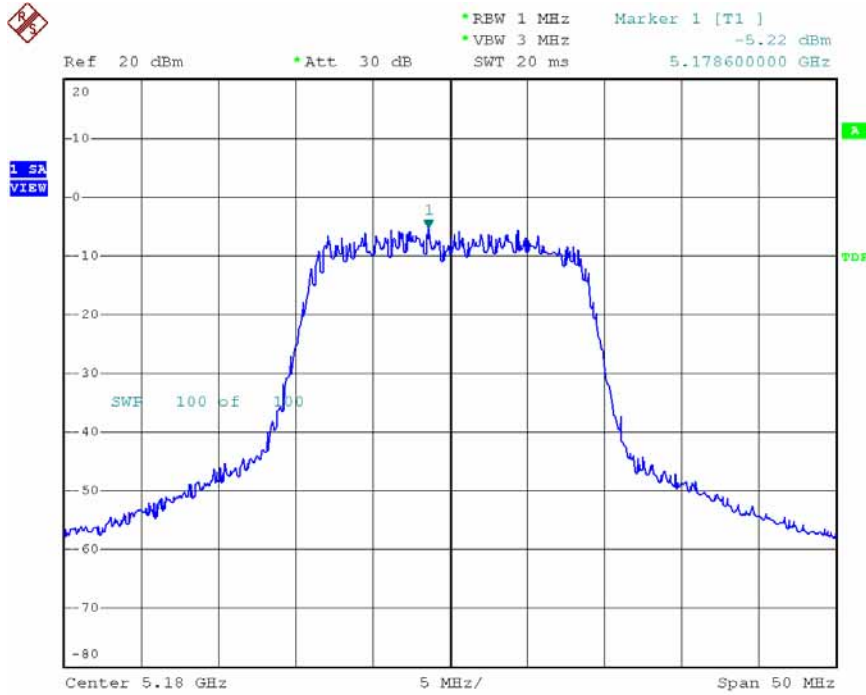
Date: 12.DEC.2007 15:07:50

Modulation Standard: 802.11a (6Mbps) – ANT-R3  
 Channel: 48



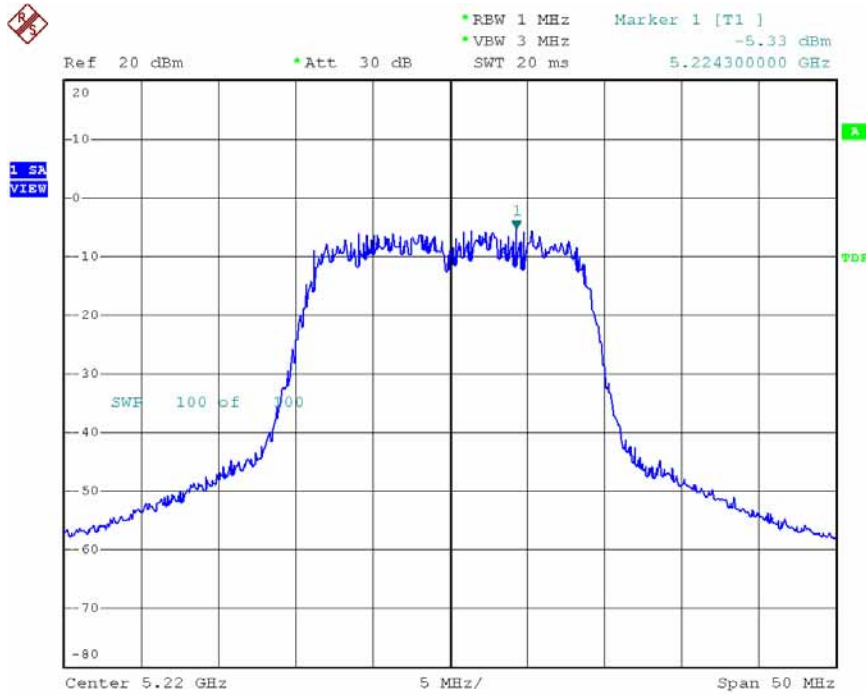
Date: 12.DEC.2007 15:07:21

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 36



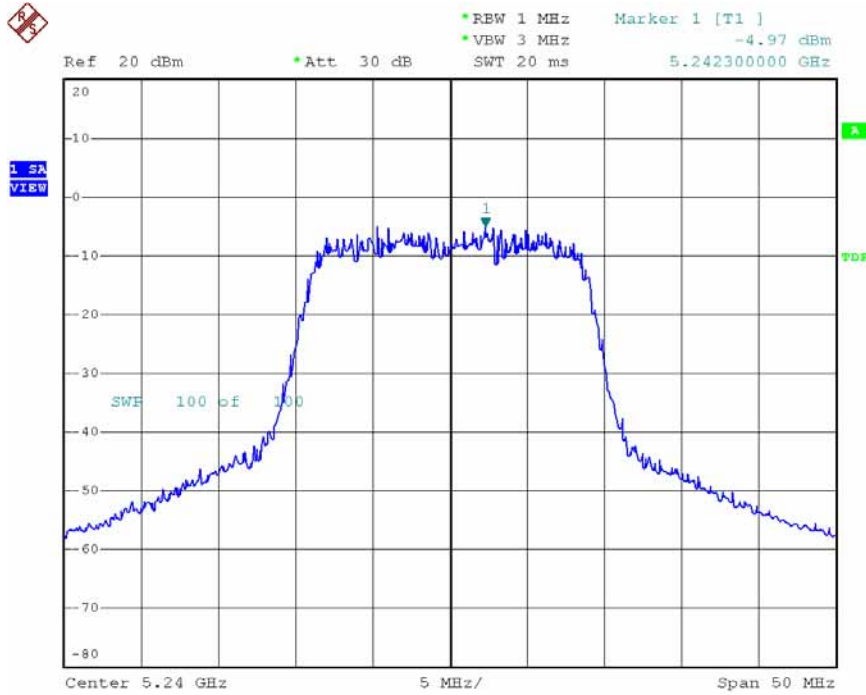
Date: 12.DEC.2007 17:41:56

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 44



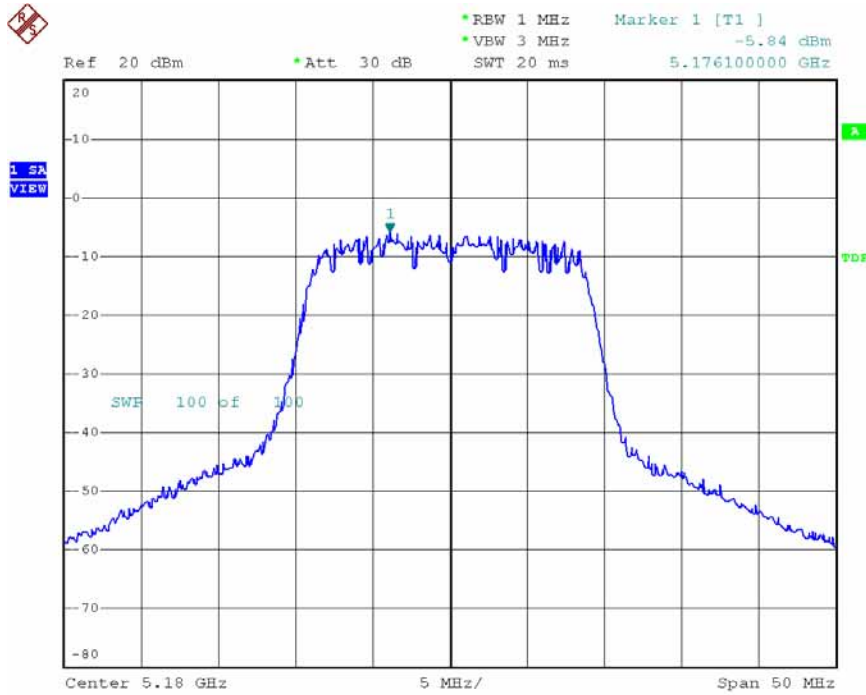
Date: 12.DEC.2007 17:41:14

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L1)  
 Channel: 48



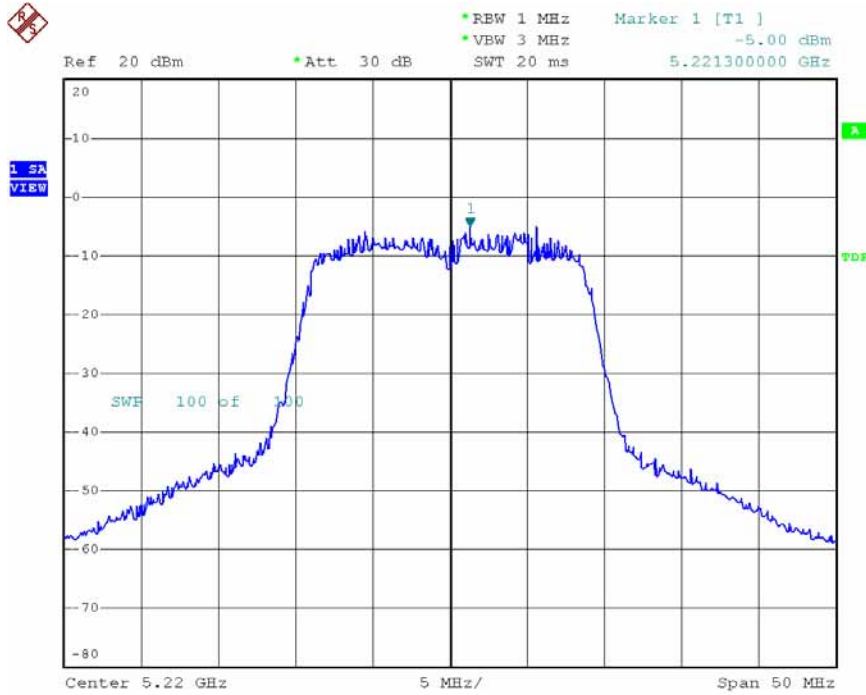
Date: 12.DEC.2007 17:39:45

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 36



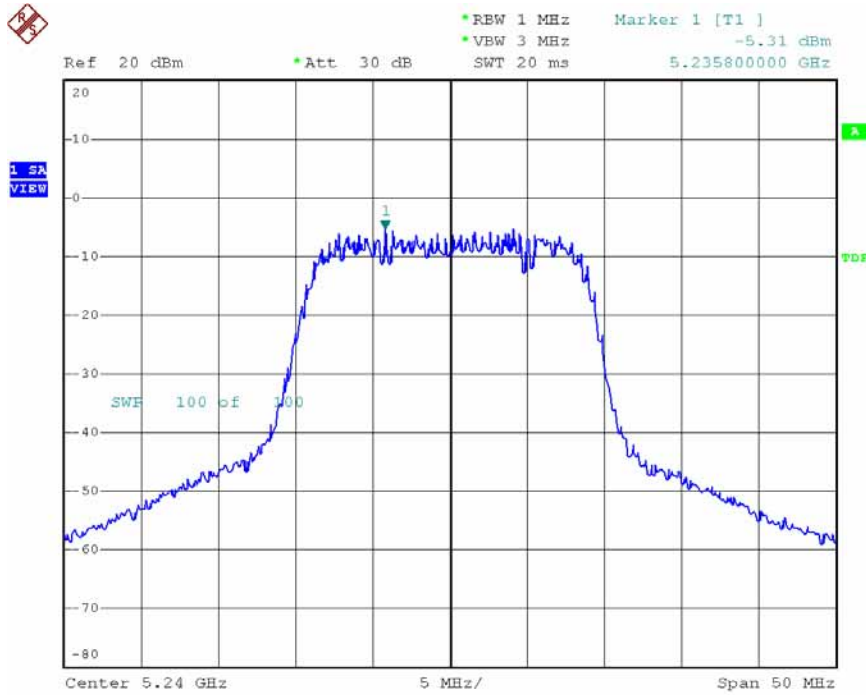
Date: 12.DEC.2007 17:42:21

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 44



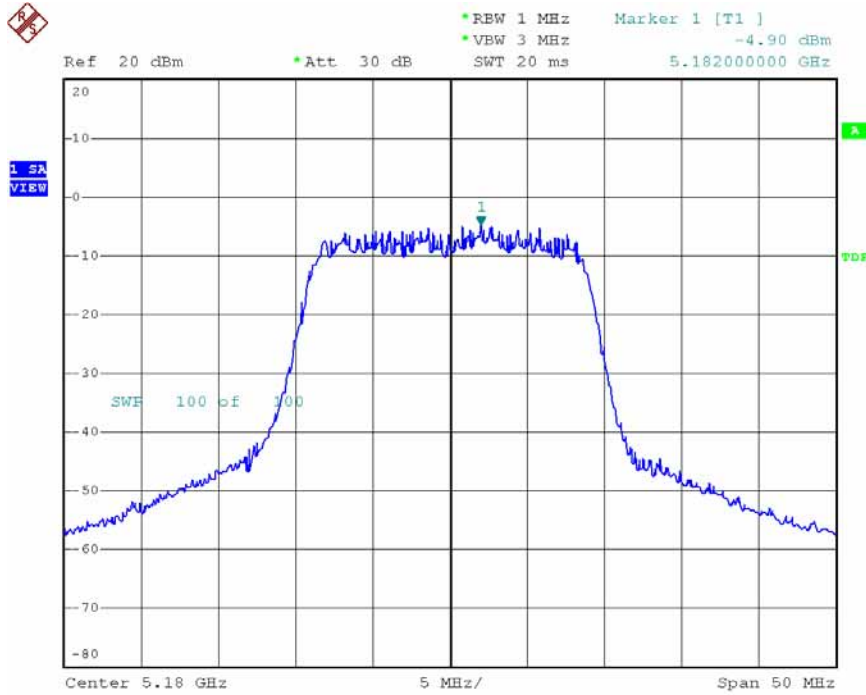
Date: 12.DEC.2007 17:40:50

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-L3 (ANT-L3)  
 Channel: 48



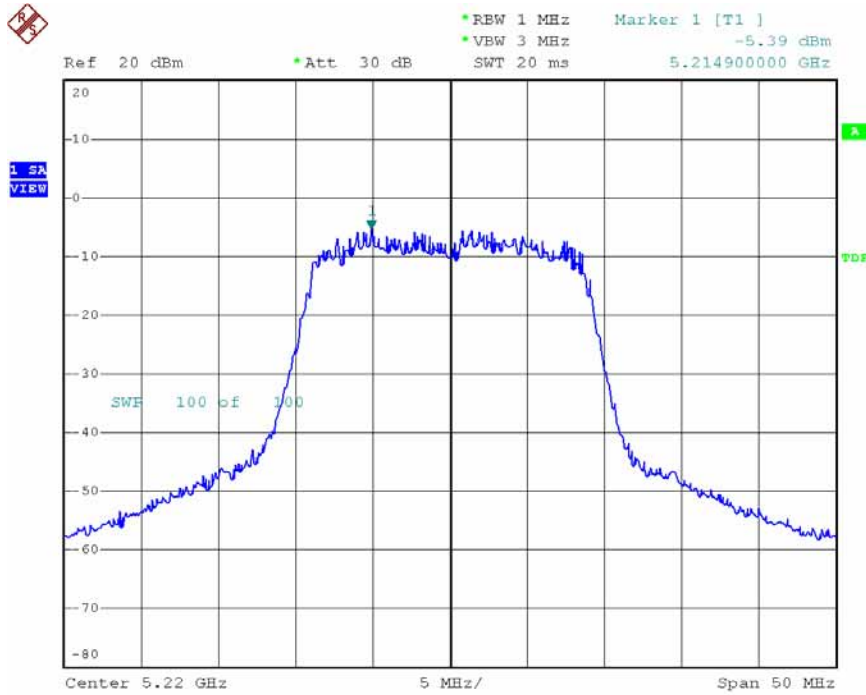
Date: 12.DEC.2007 17:40:12

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 36



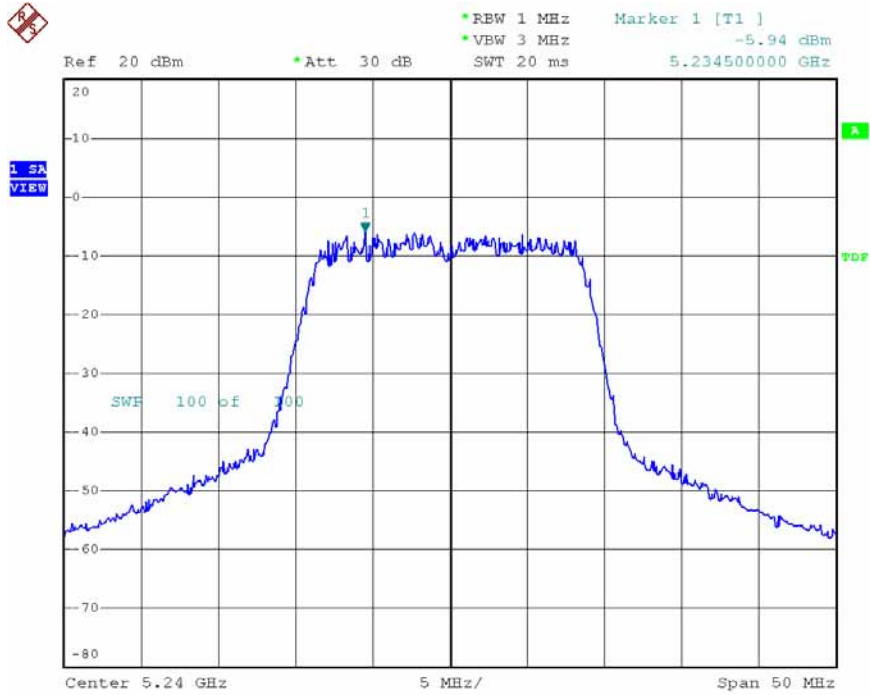
Date: 12.DEC.2007 18:30:30

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
 Channel: 44



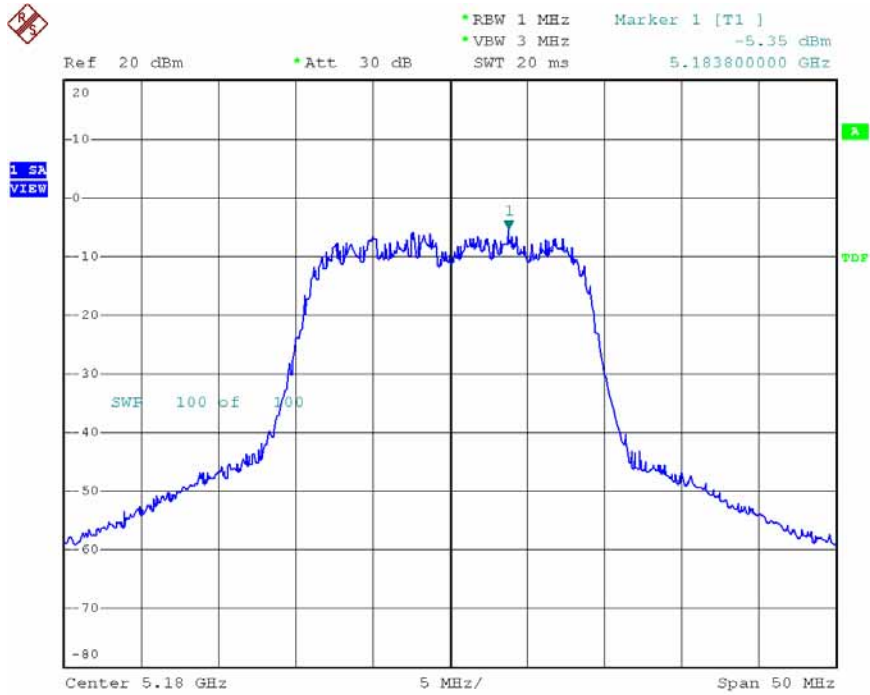
Date: 12.DEC.2007 18:28:30

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-L1)  
Channel: 48



Date: 12.DEC.2007 18:27:57

Modulation Standard: 802.11Draft n, 20MHz (130Mbps) – ANT-L1+ ANT-R3 (ANT-R3)  
Channel: 36



Date: 12.DEC.2007 18:30:12