FCC RADIO TEST REPORT

according to

47 CFR FCC Part 15 Subpart E § 15.407

Equipment	:	**Web Pad**
Model No.	:	**DT312XX (X: Blank or A~Z)**
Brand Name	:	**DTR**
Filing Type	:	**Existing Change**
Applicant	:	**DT Research Inc.** 6F, NO.1 ,NingPo E. St., Taipei, 100 Taiwan, R.O.C.
FCC ID	:	**YE36200**
Manufacturer	:	**DT Research Inc.** 6F, NO.1 ,NingPo E. St., Taipei, 100 Taiwan, R.O.C.
Received Date	:	Aug. 14, 2010
Final Test Date	:	Aug. 31, 2010

Statement

Test result included is only for the 802.11a/n (5150~5350MHz; 5470~5725MHz) of the product.

The test result in this report refers exclusively to the presented test model / sample.

Without written approval of SPORTON International Inc., the test report shall not be reproduced except in full.

The measurements and test results shown in this test report were made in accordance with the procedures and found in compliance with the limit given in **ANSI C63.4-2003** and **47 CFR FCC Part 15 Subpart E**.

The test equipment used to perform the test is calibrated and traceable to NML/ROC.

SPORTON International Inc.

No. 52 Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

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History of This Test Report

Original Issue Date: Sep. 07, 2010

Report No.: FR081125AN

■ No additional attachment.

□ Additional attachment were issued as following record:

Attachment No.	Issue Date	Description

CERTIFICATE OF COMPLIANCE

according to

47 CFR FCC Part 15 Subpart E § 15.407

Equipment	:	Web Pad
Model No.	:	DT312XX (X: Blank or A~Z)
Brand Name	:	DTR
Applicant	:	DT Research Inc. 6F, NO.1 ,NingPo E. St., Taipei, 100 Taiwan, R.O.C.

Sporton International as requested by the applicant to evaluate the EMC performance of the product sample received on Aug. 14, 2010 would like to declare that the tested sample has been evaluated and found to be in compliance with the tested rule parts. The data recorded as well as the test configuration specified is true and accurate for showing the sample's EMC nature.

Wayne Hsu 2010.9.10

Wayne Hsu / Vice Manager

SPORTON International Inc.

No. 52 Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

1 SUMMARY OF THE TEST RESULT

Applied Standard: 47 CFR FCC Part 15 Subpart E				
Part	**Rule Section**	**Description of Test**	**Result**	**Under Limit**
3.1	15.207	AC Power Line Conducted Emissions	Complies	6.47 dB
-	15.407(a)	26dB Spectrum Bandwidth	-	-
-	15.407(a)	Maximum Conducted Output Power	-	-
-	15.407(a)	Power Spectral Density	-	-
-	15.407(a)	Peak Excursion	-	-
3.2	15.407(b)	Radiated Emissions	Complies	0.65 dB
3.3	15.407(b)	Band Edge Emissions	Complies	5.34 dB
-	15.407(g)	Frequency Stability	-	-
3.4	15.203	Antenna Requirements	Complies	-

Note: Standard clause 15.407(a), 15.407 (g) was not performed due to the requirement of manufacturer.

Test Items	Uncertainty	Remark
AC Power Line Conducted Emissions	±2.3dB	Confidence levels of 95%
Maximum Conducted Output Power	±0.5dB	Confidence levels of 95%
Power Spectral Density	±0.5dB	Confidence levels of 95%
Peak Excursion	±0.5dB	Confidence levels of 95%
26dB Spectrum Bandwidth / Frequency Stability	$\pm 8.5\times10^{-8}$	Confidence levels of 95%
Radiated Emissions (9kHz~30MHz)	±0.8dB	Confidence levels of 95%
Radiated Emissions (30MHz~1000MHz)	±1.9dB	Confidence levels of 95%
Radiated / Band Edge Emissions (1GHz~18GHz)	±1.9dB	Confidence levels of 95%
Radiated Emissions (18GHz~40GHz)	±1.9dB	Confidence levels of 95%
Temperature	±0.7℃	Confidence levels of 95%
Humidity	±3.2%	Confidence levels of 95%
DC / AC Power Source	±1.4%	Confidence levels of 95%

2 GENERAL INFORMATION

2.1 Product Details

Only the radio detail of IEEE 802.11a/n is shown in this report. For more detailed features description, please refer to the manufacturer's specifications or user's manual.

Items	Description
Modulation	IEEE 802.11n
Data Modulation	OFDM (BPSK / QPSK / 16QAM / 64QAM)
Frequency Range	5150~5350MHz; 5470~5725MHz

2.2 Table for Filed Antenna

Antenna & Bandwidth

Antenna Mode	Single Chain		Two Chain	
Bandwidth Mode	20 MHz	40 MHz	20 MHz	40 MHz
802.11a (5150~5250MHz)	V	X	X	X
802.11a (5250~5350MHz)	V	X	X	X
802.11a (5470~5725MHz)	V	X	X	X
802.11n (5150~5250MHz)	V	V	V	V
802.11n (5250~5350MHz)	V	V	V	V
802.11n (5470~5725MHz)	V	V	V	V

Ant.	Antenna Type	Connector	Gain (dBi)		Remark
			2.4G	5G	
A	PIFA Antenna (Main)	U.FL	0.62	2.58	TX / RX
B	PIFA Antenna (Aux)	U.FL	-1.18	2.78	TX / RX

Antenna: 2T2R Spatial Multiplexing MIMO configuration. IEEE 802.11n used two antennas are for signal transmitting and receiving.

2.3 Table for Carrier Frequencies

Frequency Allocation

For 802.11a, 802.11n (20MHz): Use channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116 136 and 140.

For 802.11n (40MHz): Use channel 38, 46, 54, 62, 102, 110, 118, 120 and 134.

Frequency Band	Channel No.	Frequency
5150~5250 MHz Band 1	36	5180 MHz
	38	5190 MHz
	40	5200 MHz
	44	5220 MHz
	46	5230 MHz
	48	5240 MHz

Frequency Band	Channel No.	Frequency
5250~5350 MHz Band 2	52	5260 MHz
	54	5270 MHz
	56	5280 MHz
	60	5300 MHz
	62	5310 MHz
	64	5320 MHz

Frequency Band	Channel No.		Frequency	
5470~5725 MHz Band 3	100	5500 MHz	116	5580 MHz
	102	5510 MHz	118	5590 MHz
	104	5520 MHz	120	5600 MHz
	108	5540 MHz	134	5670 MHz
	110	5550 MHz	136	5680 MHz
	112	5560 MHz	140	5700 MHz

**The transmission is disabled in the 5600~5650MHz band.

2.4 Table for Test Modes

Preliminary tests were performed in different data rate to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on the entire possible Configuration for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Channel	Antenna
AC Power Conducted Emission	Normal Mode	-	-
Radiated Emission Below 1GHz	Normal Mode	-	-
Radiated Emission Above 1GHz Band Edge Emission	11a Band 1~3/BPSK Data Rate 6Mbps	36/40/48/52/56/64/100/120/140	A/B
	11n Band 1~3/BPSK Data Rate HT 0 (20MHz)	36/40/48/52/56/64/100/120/140	A/B; A+B
	11n Band 1~3/BPSK Data Rate HT 0 (40MHz)	38/46/54/62/102/118/134	A/B; A+B
	11n Band 1~3/BPSK Data Rate HT 8 (20MHz)	36/40/48/52/56/64/100/120/140	A/B; A+B
	11n Band 1~3/BPSK Data Rate HT 8 (40MHz)	38/46/54/62/102/118/134	A/B; A+B

2.5 Table for Testing Locations

Test Site No.	Site Category	Location	FCC Reg. No.	IC File No.
CO04-HY	Conduction	Hwa Ya	643075	IC 4086C
03CH03-HY	SAC	Hwa Ya	643075	IC 4086B

Semi Anechoic Chamber (SAC).

2.6 Table for Supporting Units

Support Unit	Brand	Model	FCC ID	Remark
Headset	HAWK	03-MSB301	N/A	Conducted
USB HDD*2	WD	WD6400H1Q-00	DoC	
AP Router (Remote Workstation)	ZOTECH	WR110B	N/A	

Note: The EUT was tested alone only for radiated emissions tested.

2.7 EUT Operation during Test

Conducted Emissions:

An executive program, “EMCTEST.EXE” under WIN XP, which generates a complete line of continuously repeating “H“ pattern was used as the test software.

a. The program was executed as follows :
b. Turn on the power of all equipment.
c. The EUT reads the “WINTHRAX.EXE“ test program from the hard disk drive and runs it.
d. The EUT sends "H" messages to the panel and the displays "H" patterns on the screen.
e. The EUT sends "H" messages to the internal hard disk, and the hard disk reads and writes the message.
f. Repeat the steps from d to e.

At the same time, the following programs were executed:

- Executed "Winthrax.exe" to read/write data from internal Hard Disk and USB HDD.
- Executed "Media player.exe" to play audio and video.
- Executed "Wireless" to link with the remote workstation to receive and transmit data by AP.

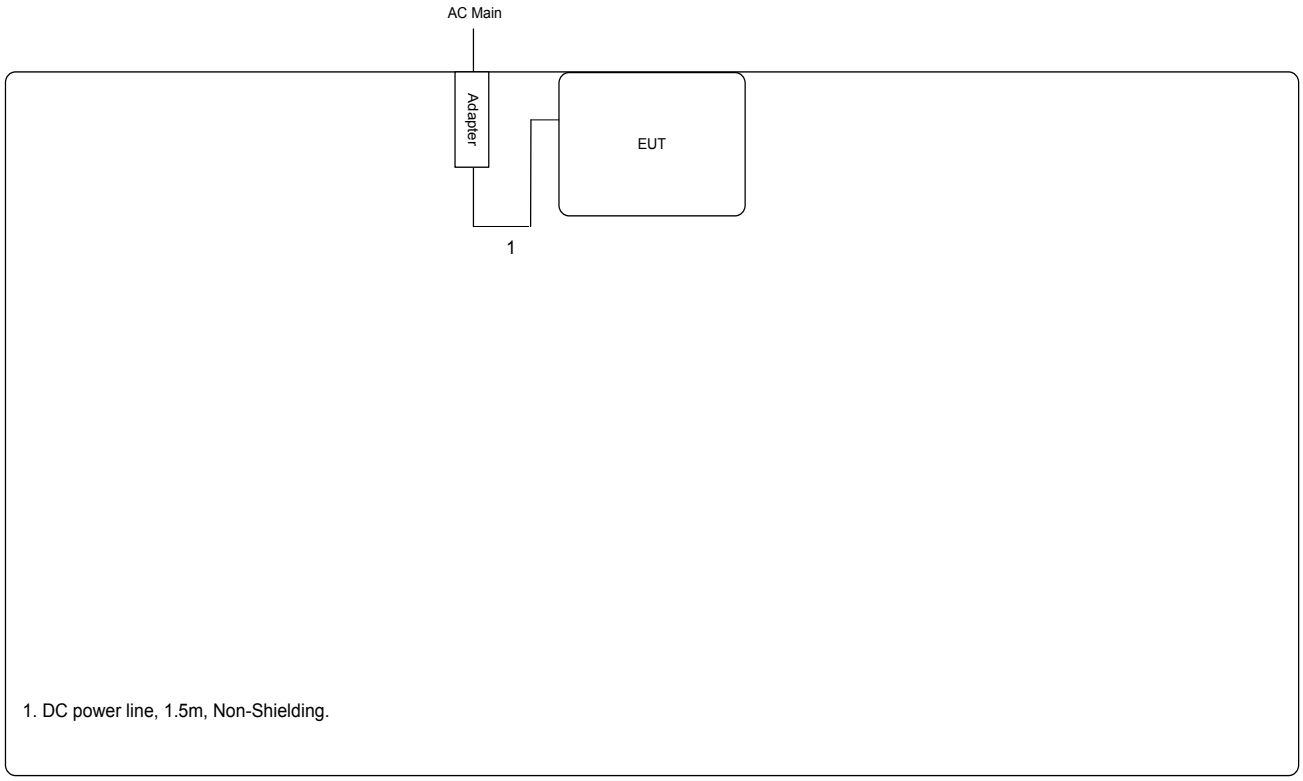
Radiated Emissions:

- Executed “CRTU” to keep transmitting signals at fixed frequency.

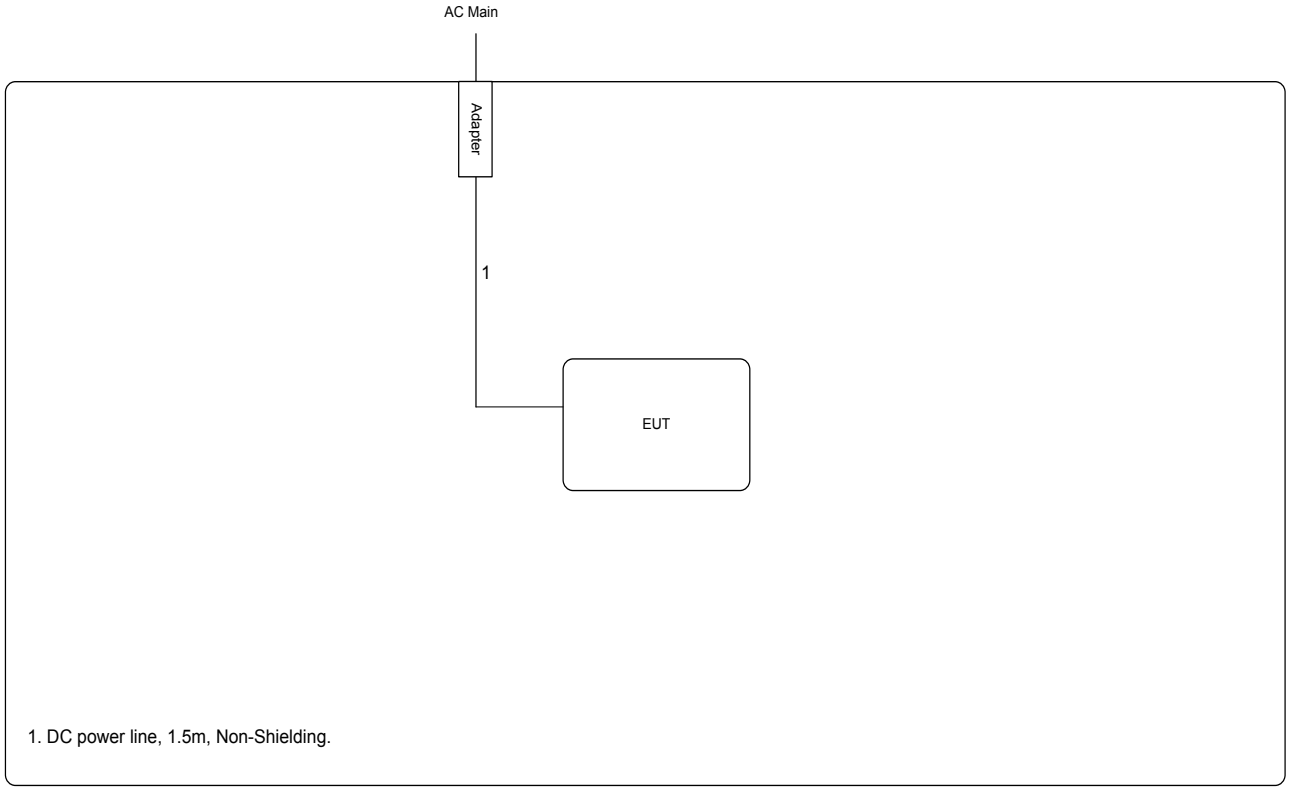
2.8 Test Configuration

2.8.1 Radiation Emissions Test Configuration

For radiated emissions 9kHz~1GHz



For radiated emissions above 1GHz



1. DC power line, 1.5m, Non-Shielding.

3 TEST RESULT

3.1 AC Power Line Conducted Emissions Measurement

3.1.1 Limit

For this product that is designed to connect to the AC power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed below limits table.

Class B

Frequency (MHz)	QP Limit (dBuV)	AV Limit (dBuV)
0.15~0.5	66~56	56~46
0.5~5	56	46
5~30	60	50

3.1.2 Measuring Instruments and Setting

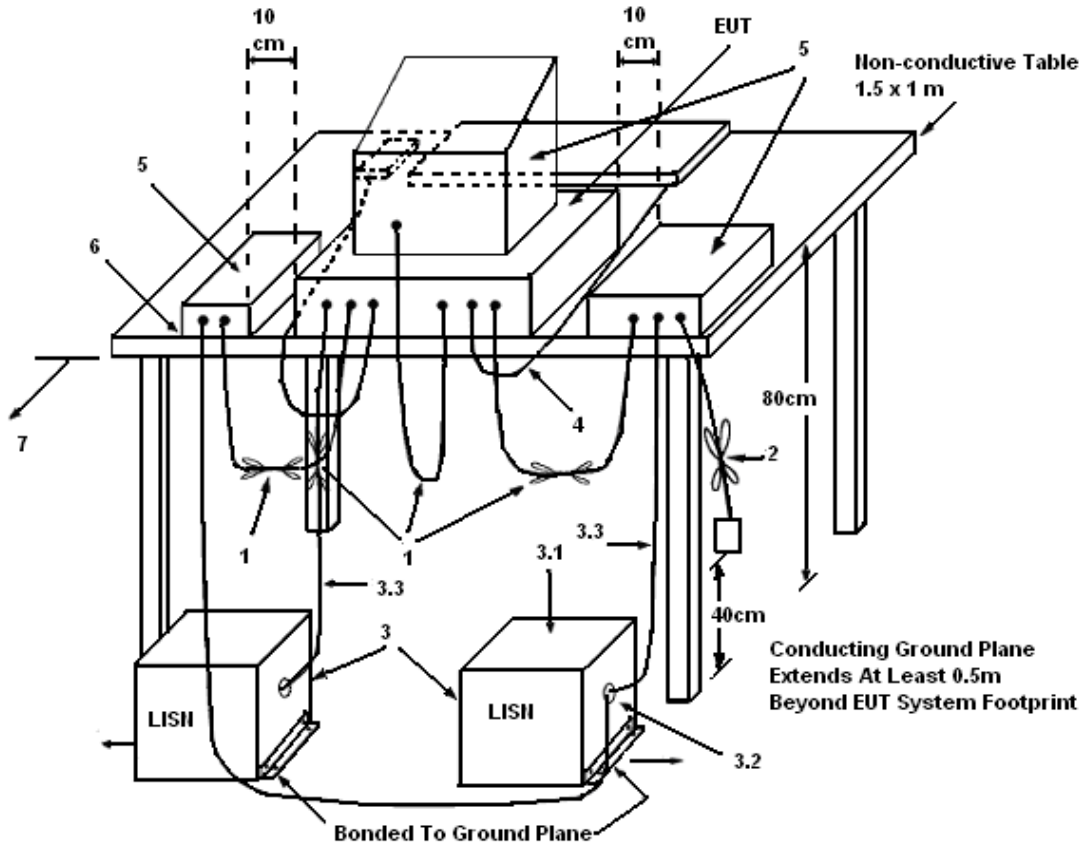
Please refer to section 4 of equipments list in this report. The following table is the setting of the receiver.

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.1.3 Test Procedures

1. The EUT warm up about 15 minutes then start test.
2. Configure the EUT according to ANSI C63.4. The EUT or host of EUT has to be placed 0.4 meter far from the conducting wall of the shielding room and at least 80 centimeters from any other grounded conducting surface.
3. Connect EUT or host of EUT to the power mains through a line impedance stabilization network (LISN).
4. All the support units are connected to the other LISNs. The LISN should provide 50uH/50ohms coupling impedance.
5. The frequency range from 150 KHz to 30 MHz was searched.
6. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
7. The measurement has to be done between each power line and ground at the power terminal.

3.1.4 Test Setup Layout



LEGEND:
(1) Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
(2) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
(3) EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω. LISN can be placed on top of, or immediately beneath, reference ground plane.
(3.1) All other equipment powered from additional LISN(s).
(3.2) Multiple outlet strip can be used for multiple power cords of non-EUT equipment.
(3.3) LISN at least 80 cm from nearest part of EUT chassis.
(4) Cables of hand-operated devices, such as keyboards, mice, etc., shall be placed as for normal use.
(5) Non-EUT components of EUT system being tested.
(6) Rear of EUT, including peripherals, shall all be aligned and flush with rear of tabletop.
(7) Rear of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.

3.1.5 Test Deviation

There is no deviation with the original standard.

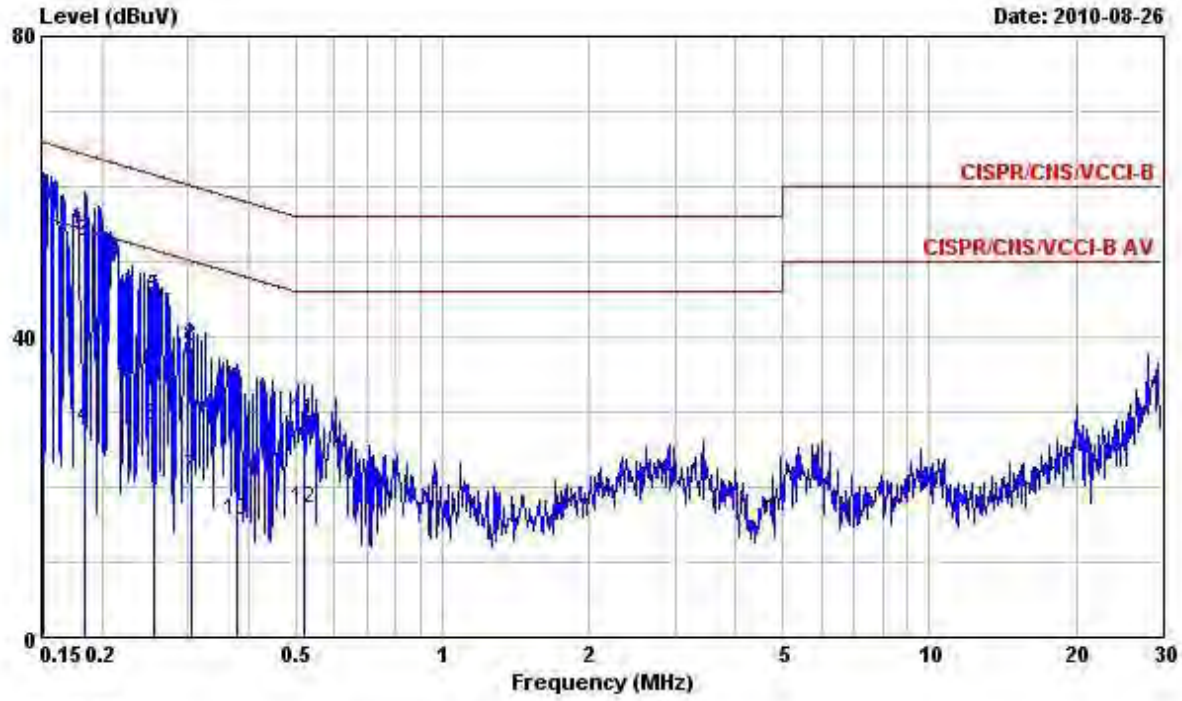
3.1.6 EUT Operation during Test

The EUT was placed on the test table and programmed in normal function.

3.1.7 Results of AC Power Line Conducted Emissions Measurement

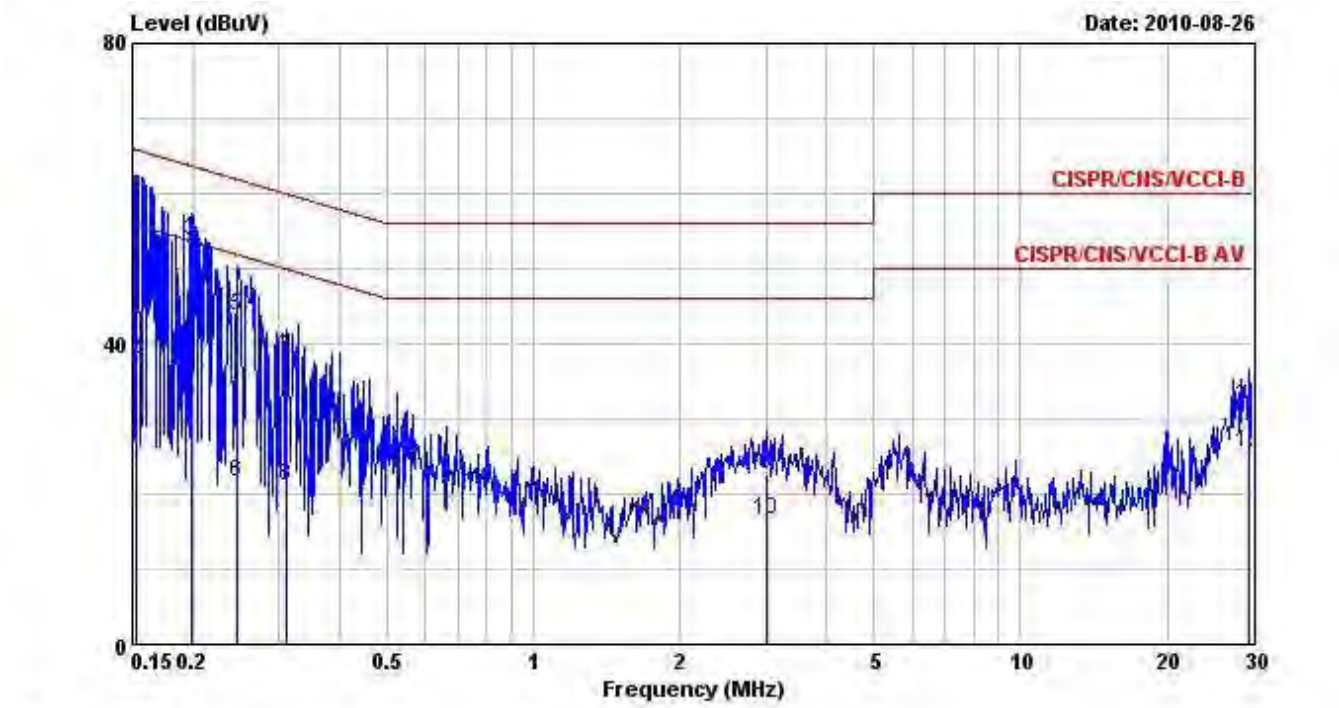
Final Test Date	Aug. 26, 2010	**Test Site No.**	CO04-HY
Temperature	25℃	**Humidity**	55%
Test Engineer	Chris	**Configuration**	Normal Mode

Line



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	@0.1515980	59.14	-6.77	65.91	58.60	0.30	0.24	QP
2	0.1515980	38.75	-17.16	55.91	38.21	0.30	0.24	Average
3	0.1844300	52.63	-11.65	64.28	52.24	0.30	0.09	QP
4	0.1844300	27.81	-26.47	54.28	27.42	0.30	0.09	Average
5	0.2561510	45.19	-16.37	61.56	44.85	0.30	0.04	QP
6	0.2561510	28.12	-23.44	51.56	27.78	0.30	0.04	Average
7	0.3050910	21.29	-28.81	50.10	20.94	0.30	0.05	Average
8	0.3050910	38.73	-21.37	60.10	38.38	0.30	0.05	QP
9	0.3791160	33.00	-25.30	58.30	32.63	0.30	0.07	QP
10	0.3791160	15.42	-32.88	48.30	15.05	0.30	0.07	Average
11	0.5182420	28.89	-27.11	56.00	28.52	0.29	0.08	QP
12	0.5182420	17.17	-28.83	46.00	16.80	0.29	0.08	Average

Neutral



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	@0.1524030	59.40	-6.47	65.87	58.90	0.27	0.23	QP
2	0.1524030	38.01	-17.86	55.87	37.51	0.27	0.23	Average
3	0.1986310	53.81	-9.86	63.67	53.53	0.25	0.03	QP
4	0.1986310	32.42	-21.25	53.67	32.14	0.25	0.03	Average
5	0.2468240	43.64	-18.22	61.86	43.35	0.25	0.04	QP
6	0.2468240	21.45	-30.41	51.86	21.16	0.25	0.04	Average
7	0.3099790	38.14	-21.83	59.97	37.84	0.24	0.06	QP
8	0.3099790	21.01	-28.96	49.97	20.71	0.24	0.06	Average
9	3.010	22.72	-33.28	56.00	22.05	0.28	0.39	QP
10	3.010	16.63	-29.37	46.00	15.96	0.28	0.39	Average
11	29.370	31.79	-28.21	60.00	30.53	0.56	0.70	QP
12	29.370	25.51	-24.49	50.00	24.25	0.56	0.70	Average

Note:

Level = Read Level + LISN Factor + Cable Loss.

3.2 Radiated Emissions Measurement

3.2.1 Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). In addition, 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

3.2.2 Measuring Instruments and Setting

Please refer to section 4 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	40 GHz
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	1MHz / 1MHz z for peak

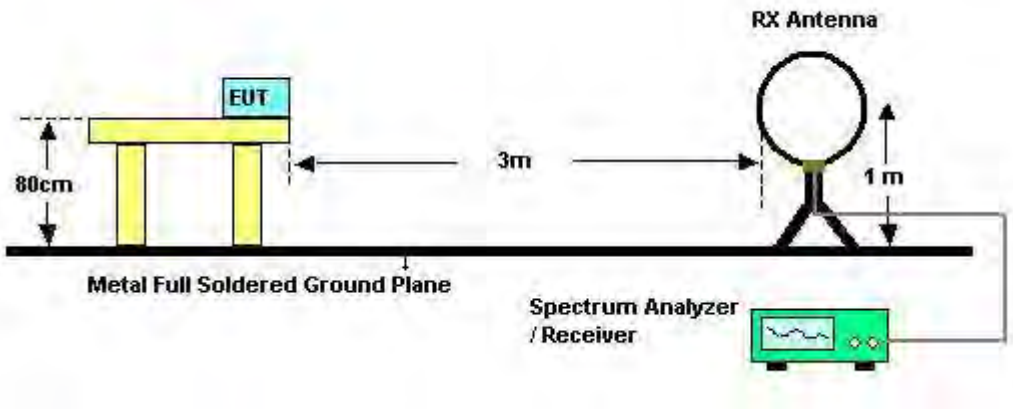
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.3 Test Procedures

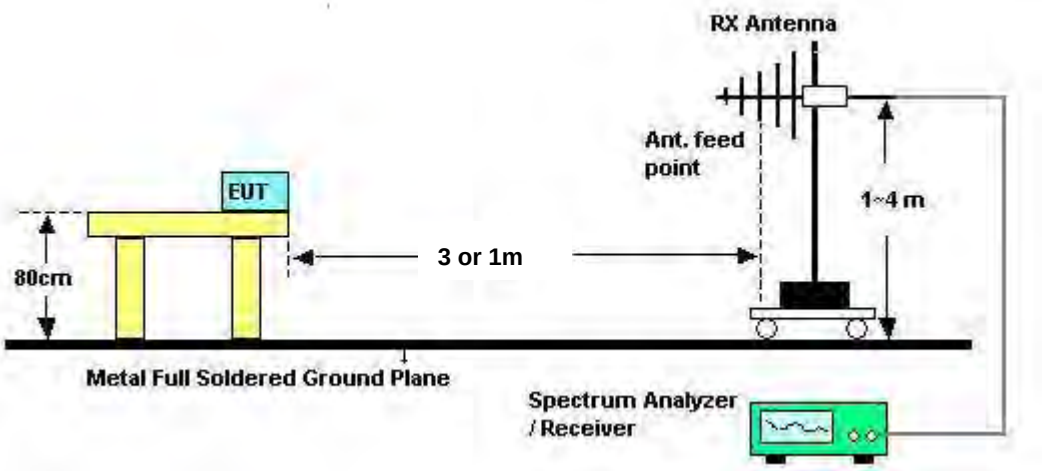
1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting 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.

3.2.4 Test Setup Layout

For radiated emissions below 30MHz



For radiated emissions above 30MHz



Above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1m.

Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1m]) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor [9.54 dB].

3.2.5 Test Deviation

There is no deviation with the original standard.

3.2.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.2.7 Results of Radiated Emissions (9kHz~30MHz)

Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel		

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 20dB below the permissible value has no need to be reported.

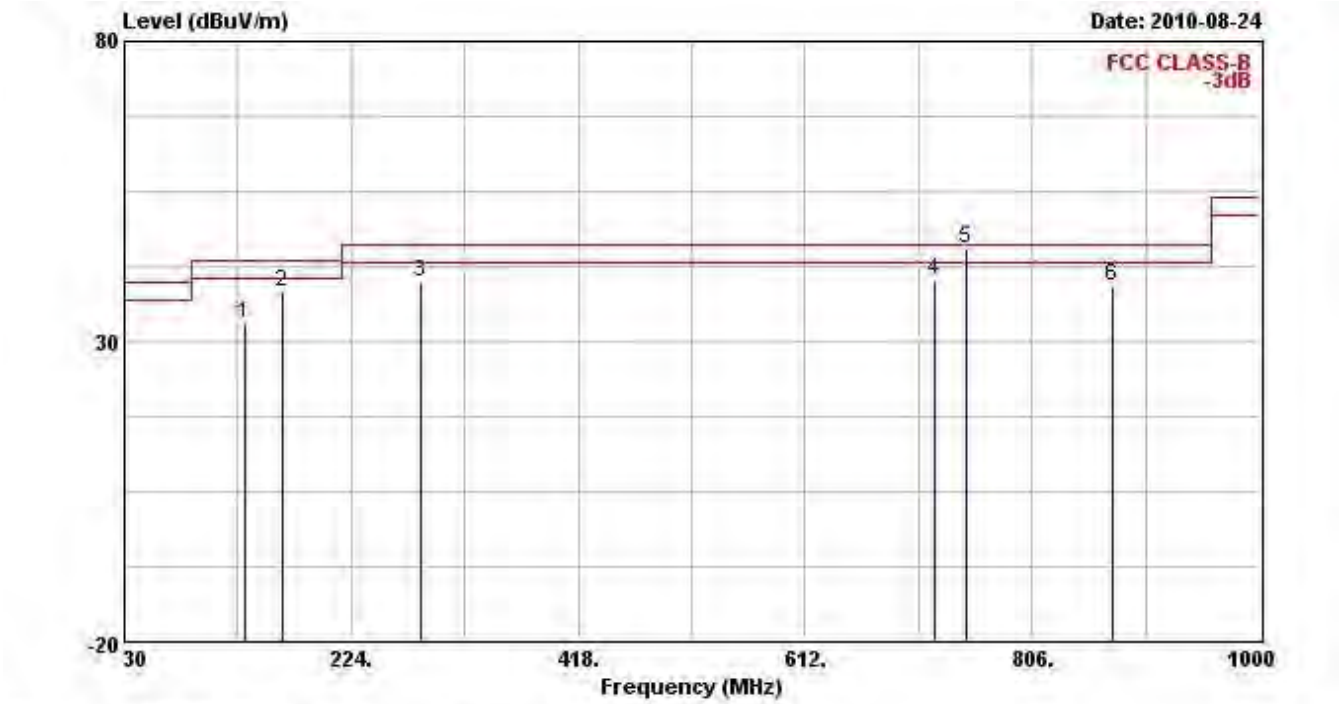
Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

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

3.2.8 Results of Radiated Emissions (30MHz~1GHz)

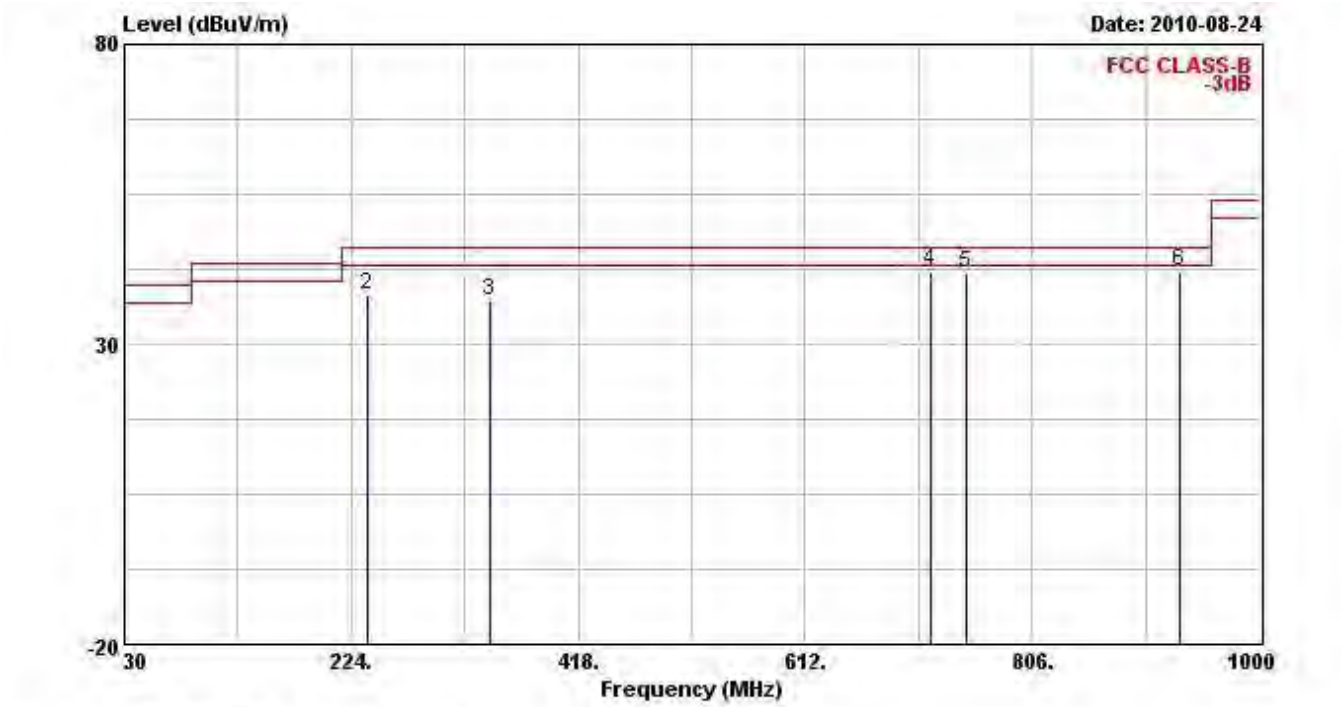
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configurations**	Normal Mode

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	132.820	32.85	-10.65	43.50	46.51	12.10	1.99	27.74	---	---	Peak
2	164.830	38.10	-5.40	43.50	53.97	9.89	2.15	27.92	---	---	QP
3	284.140	39.92	-6.08	46.00	51.96	13.30	2.95	28.30	---	---	Peak
4	723.550	40.10	-5.90	46.00	44.71	20.31	4.78	29.70	---	---	Peak
5 @	749.740	45.35	-0.65	46.00	49.77	20.71	4.91	30.03	---	---	QP
6	874.870	39.08	-6.92	46.00	41.96	20.94	5.41	29.23	---	---	Peak

Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	30.000	38.79	-1.21	40.00	48.00	18.48	0.73	28.42	---	---	QP
2	238.550	38.35	-7.65	46.00	52.11	11.44	2.66	27.87	---	---	QP
3	343.310	37.35	-8.65	46.00	47.29	14.82	3.27	28.03	---	---	Peak
4	719.670	42.25	-3.75	46.00	46.88	20.25	4.76	29.64	---	---	Peak
5	749.740	41.70	-4.30	46.00	46.12	20.71	4.91	30.03	---	---	Peak
6	933.070	42.06	-3.94	46.00	44.74	21.23	5.77	29.67	---	---	Peak

Note:

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

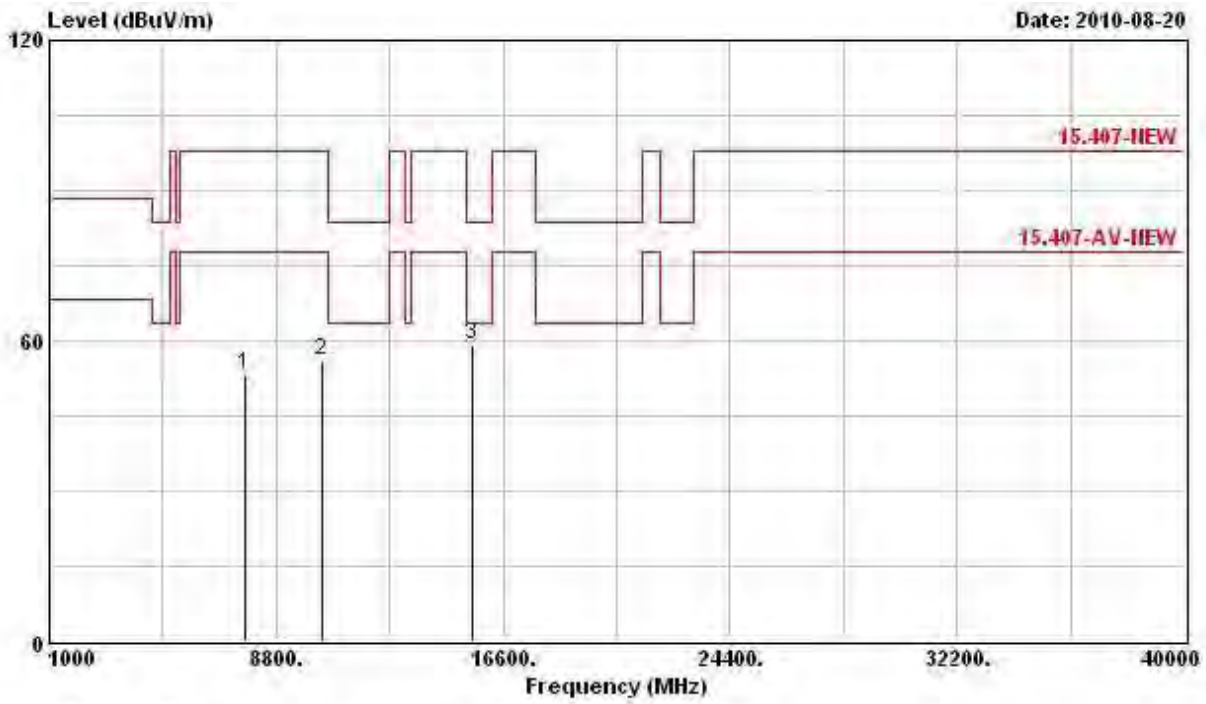
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

3.2.9 Results for Radiated Emissions (1GHz~40GHz)

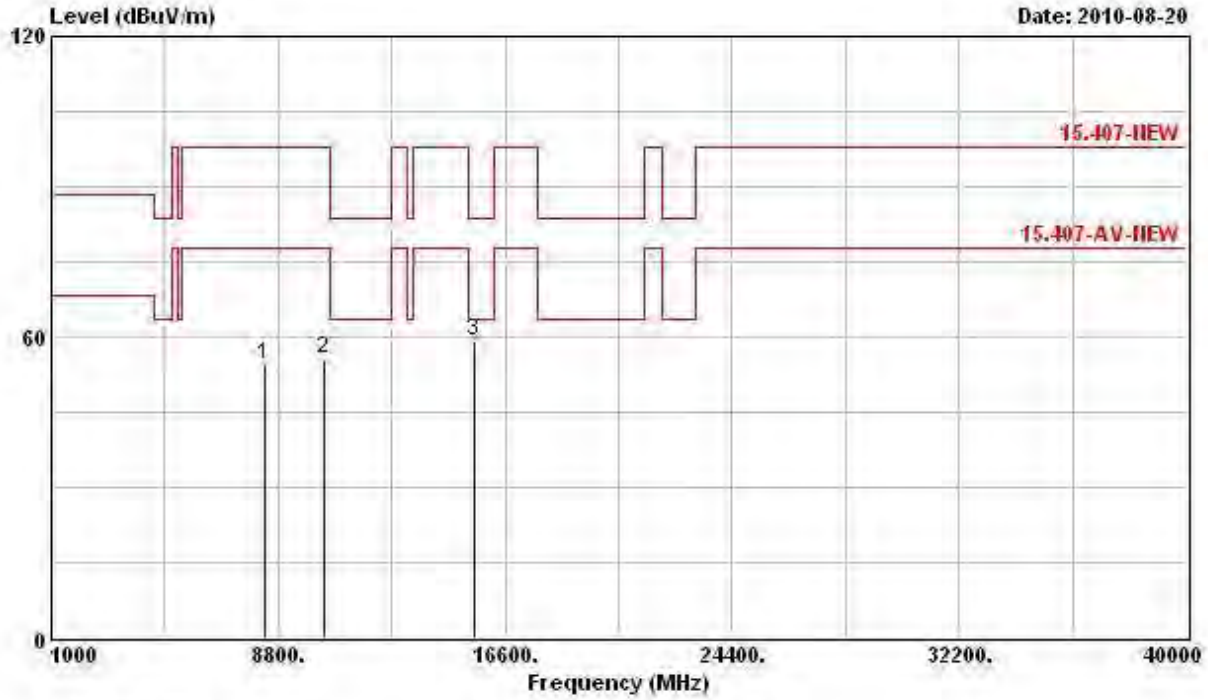
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 36 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7752.000	53.26	-44.58	97.84	43.88	37.30	5.08	33.01	---	---	PEAK
2	10356.000	56.19	-41.65	97.84	43.89	39.56	5.75	33.02	---	---	PEAK
3	15540.000	59.38	-4.16	63.54	46.13	38.44	7.28	32.47	---	---	PK

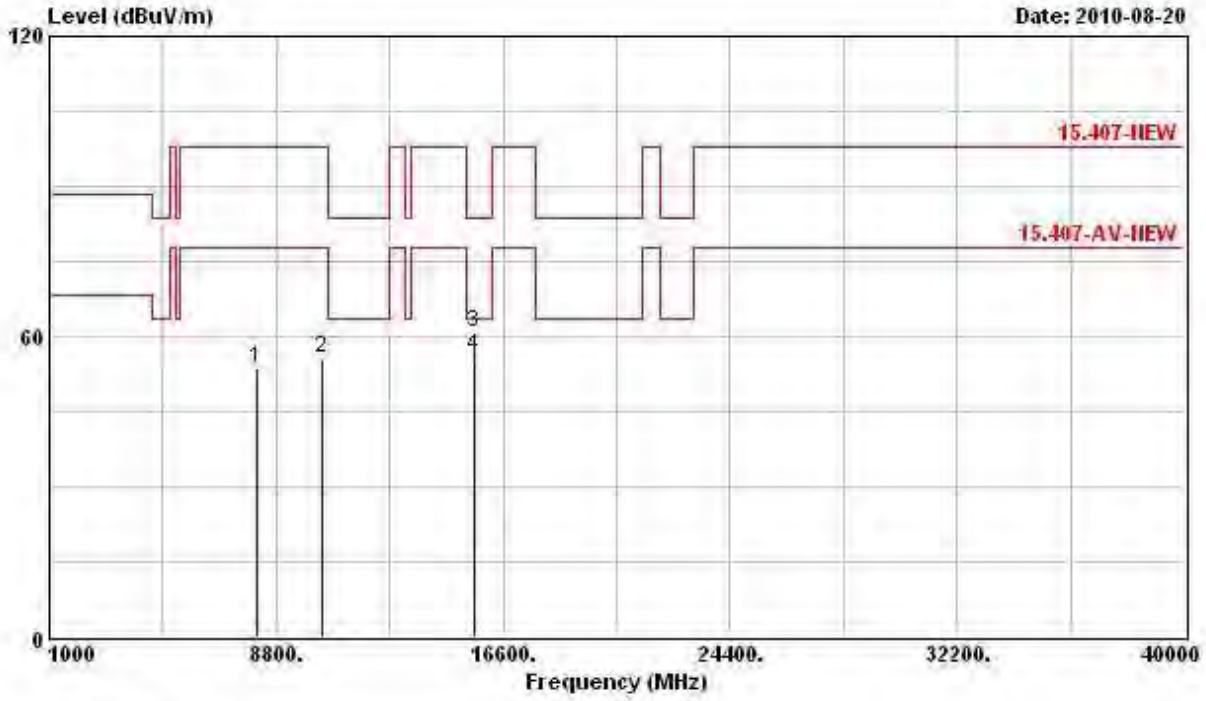
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8348.000	54.34	-23.50	77.84	44.03	38.01	5.35	33.05	---	---	PK
2	10364.000	55.63	-42.21	97.84	43.34	39.55	5.75	33.02	---	---	PEAK
3	15540.000	59.28	-4.26	63.54	46.03	38.44	7.28	32.47	---	---	PK

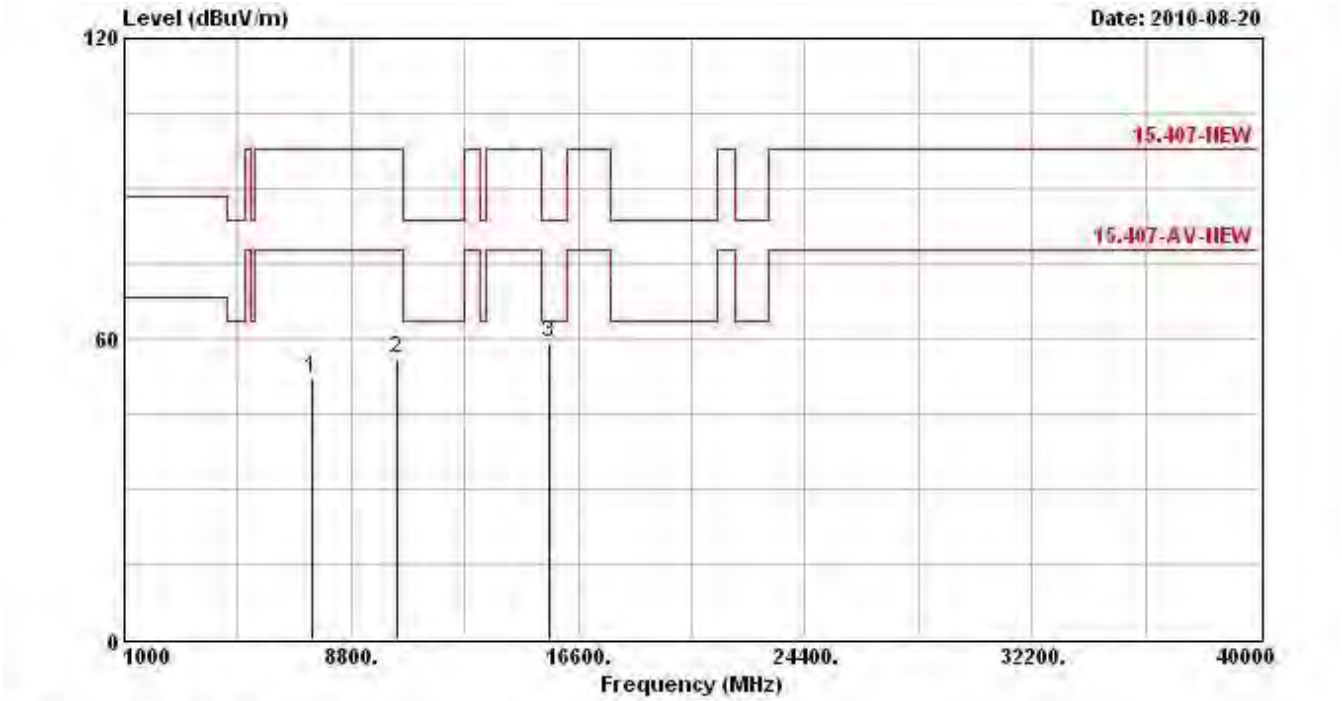
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 40 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8144.000	53.71	-24.13	77.84	43.68	37.77	5.32	33.05	---	---	PK
2	10398.000	55.50	-42.34	97.84	43.17	39.54	5.77	32.98	---	---	PEAK
3	15600.000	60.66	-22.88	83.54	47.50	38.33	7.33	32.50	---	---	PEAK
4	15600.000	55.88	-7.66	63.54	42.71	38.33	7.33	32.50	---	---	Average

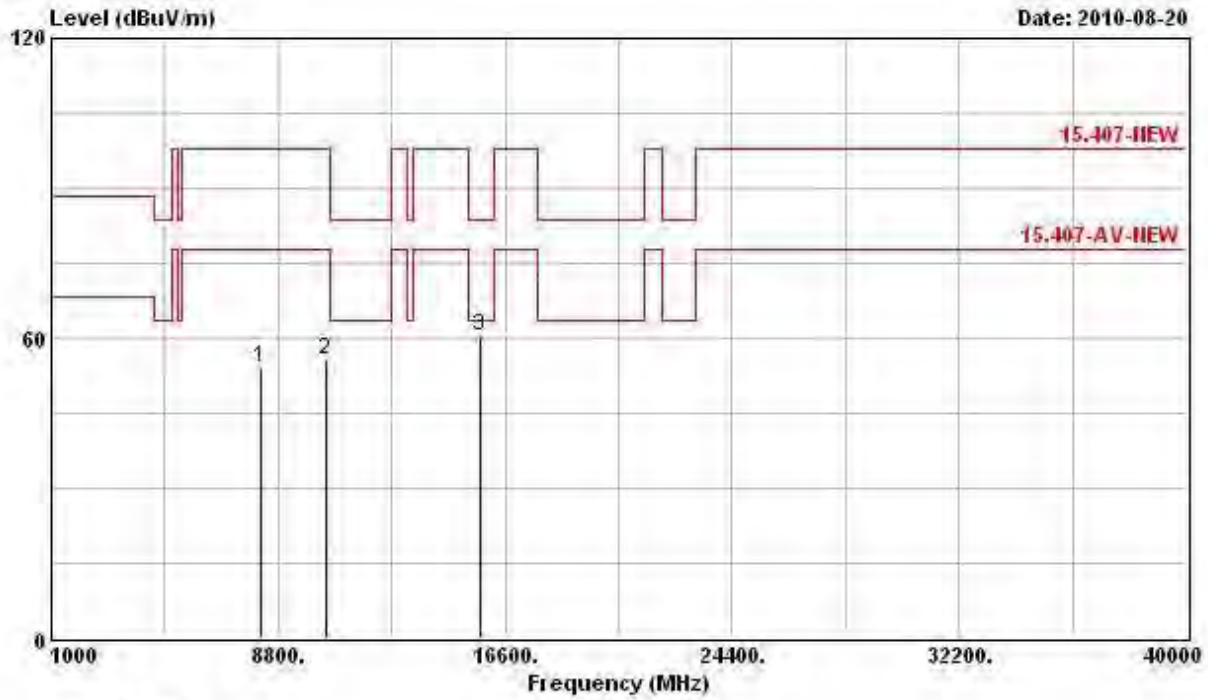
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7480.000	52.27	-25.57	77.84	43.41	36.97	4.85	32.95	---	---	PK
2	10398.000	56.04	-41.80	97.84	43.71	39.54	5.77	32.98	---	---	PEAK
3	15600.000	59.18	-4.36	63.54	46.01	38.33	7.33	32.50	---	---	PK

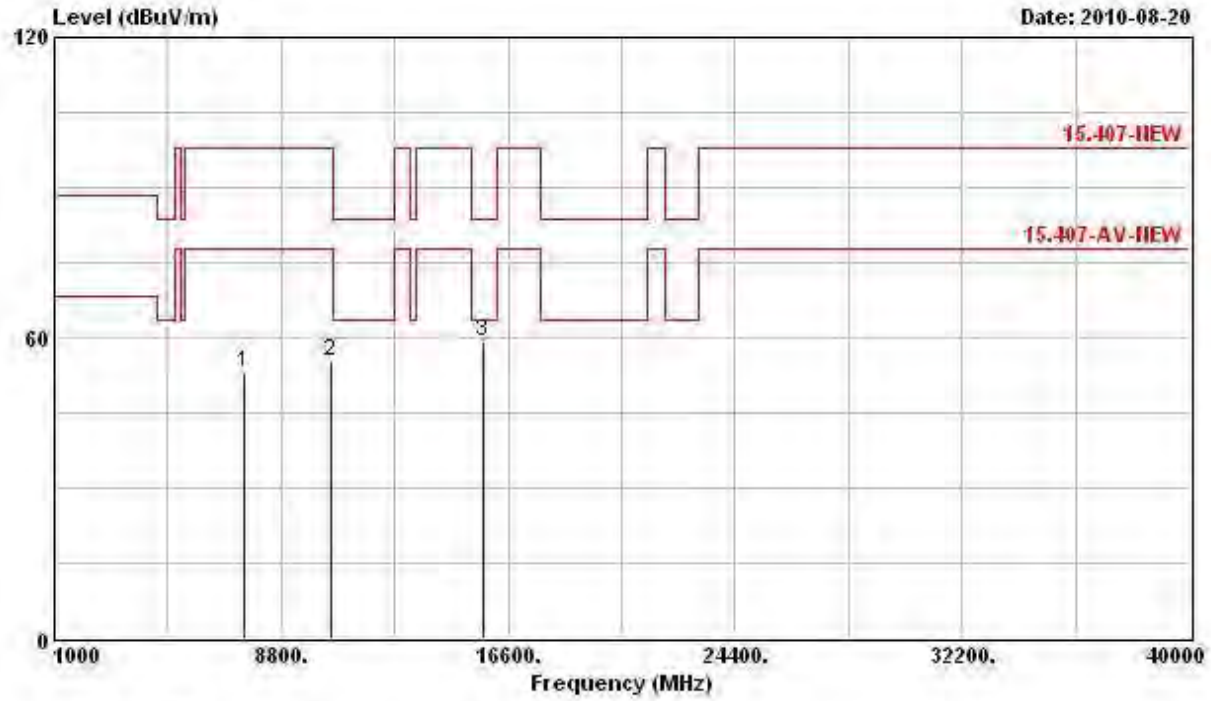
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 48 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8228.000	53.96	-23.88	77.84	43.81	37.87	5.33	33.05	---	---	PK
2	10478.000	55.58	-42.26	97.84	43.18	39.51	5.80	32.91	---	---	PEAK
3	15718.000	60.30	-3.24	63.54	47.28	38.14	7.42	32.54	---	---	PK

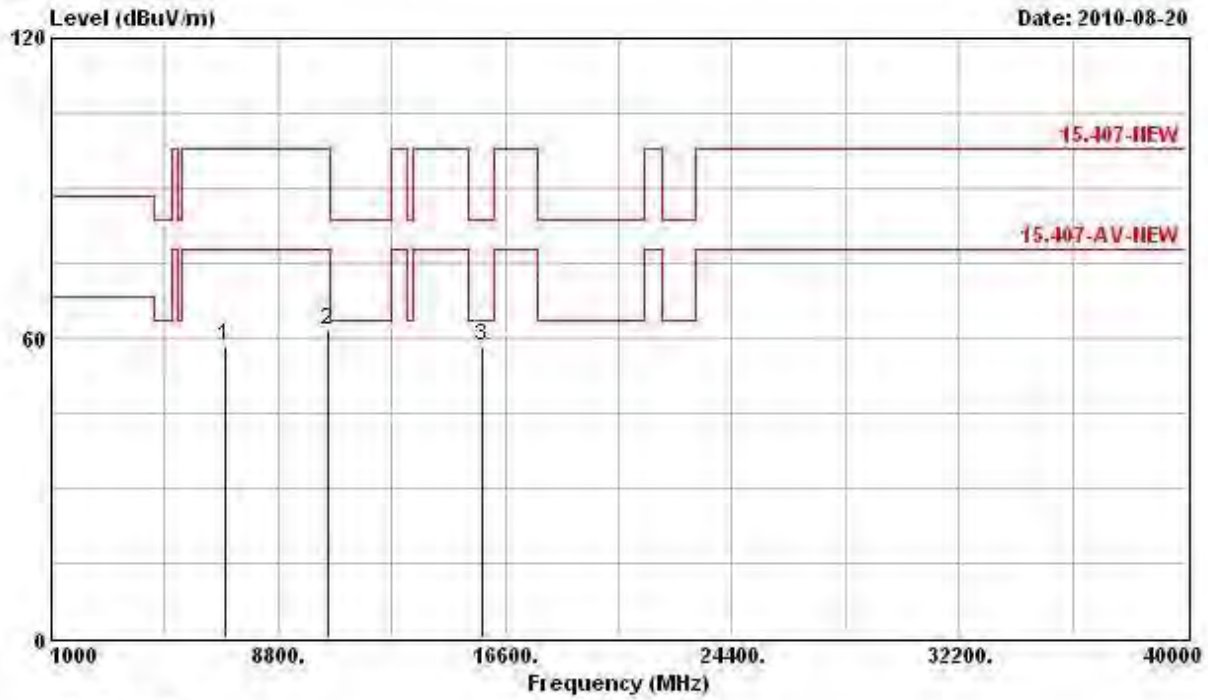
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7536.000	52.80	-25.04	77.84	43.80	37.04	4.93	32.96	---	---	PK
2	10482.000	55.37	-42.47	97.84	42.97	39.51	5.80	32.91	---	---	PEAK
3	15722.000	59.19	-4.35	63.54	46.17	38.14	7.42	32.54	---	---	PK

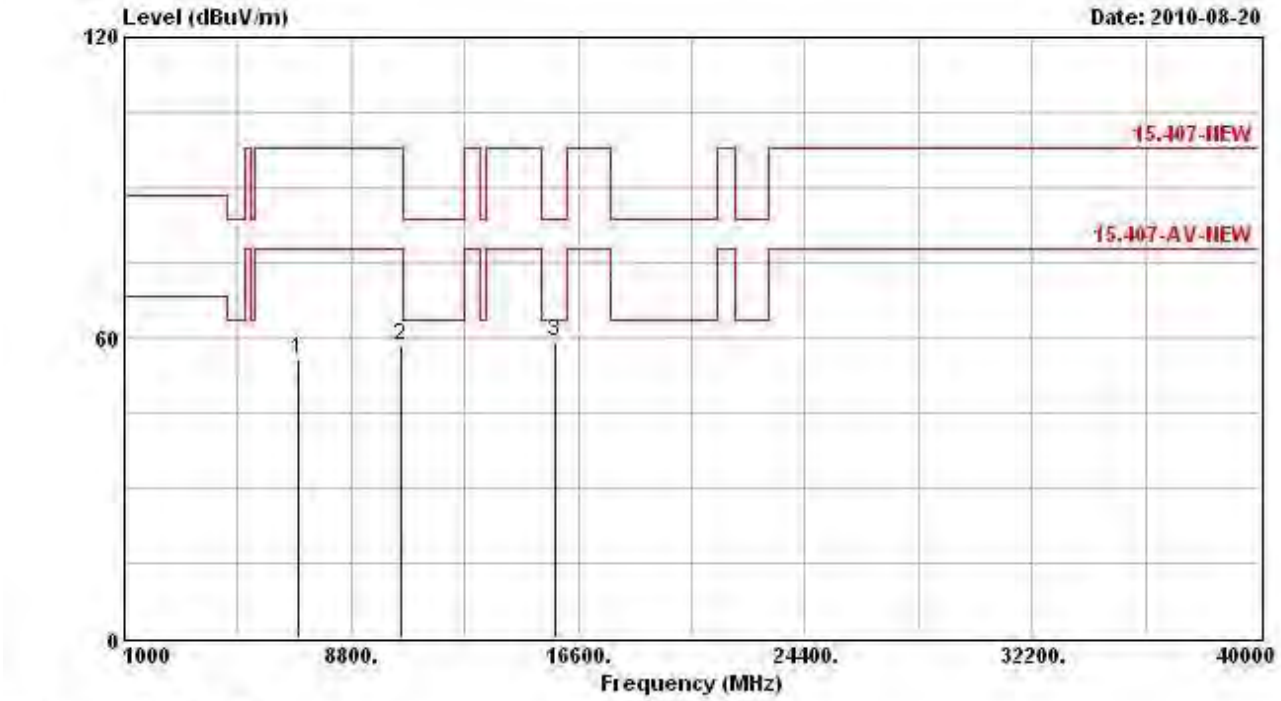
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 52 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7012.000	58.58	-39.26	97.84	51.01	36.13	4.26	32.82	---	---	PEAK
2	10524.000	61.54	-36.30	97.84	49.13	39.49	5.81	32.89	---	---	PEAK
3	15778.000	58.45	-5.09	63.54	45.52	38.06	7.44	32.57	---	---	PK

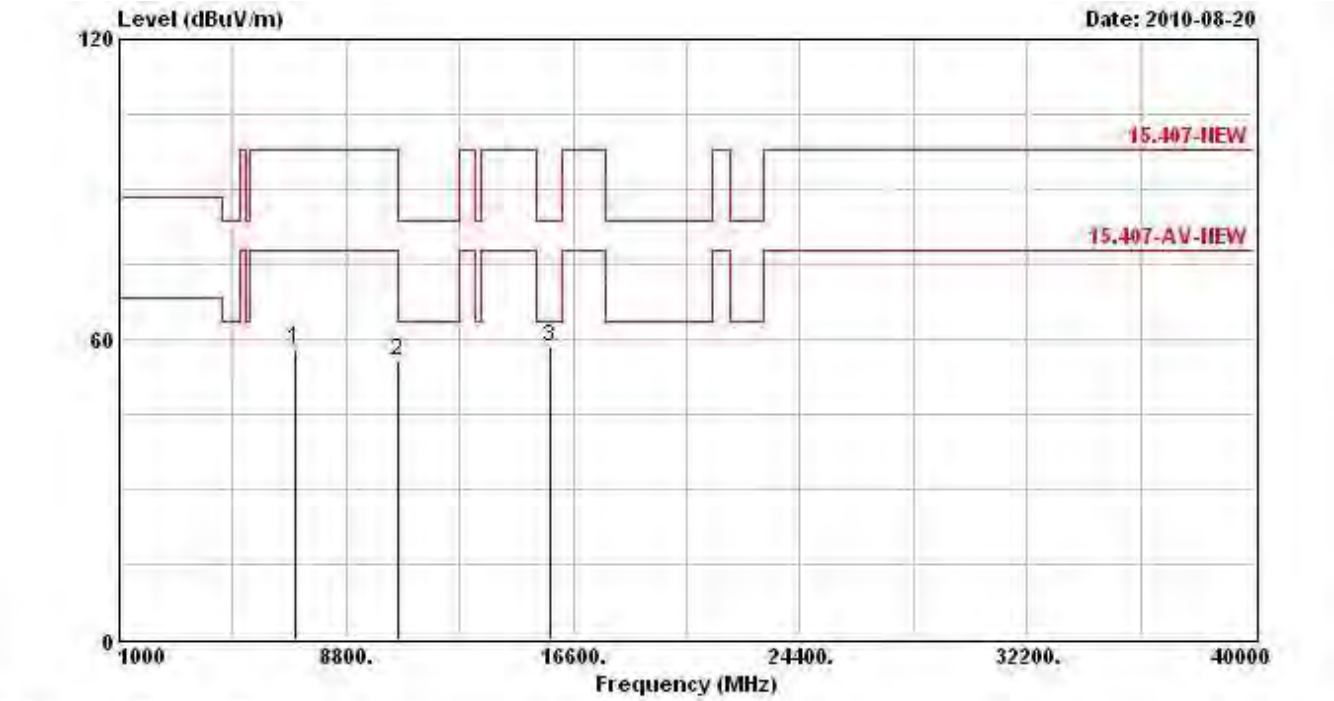
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7012.000	55.74	-42.10	97.84	48.16	36.13	4.26	32.82	---	---	PEAK
2	10524.000	58.39	-39.45	97.84	45.98	39.49	5.81	32.89	---	---	PEAK
3	15780.000	59.19	-4.35	63.54	46.26	38.06	7.44	32.57	---	---	PK

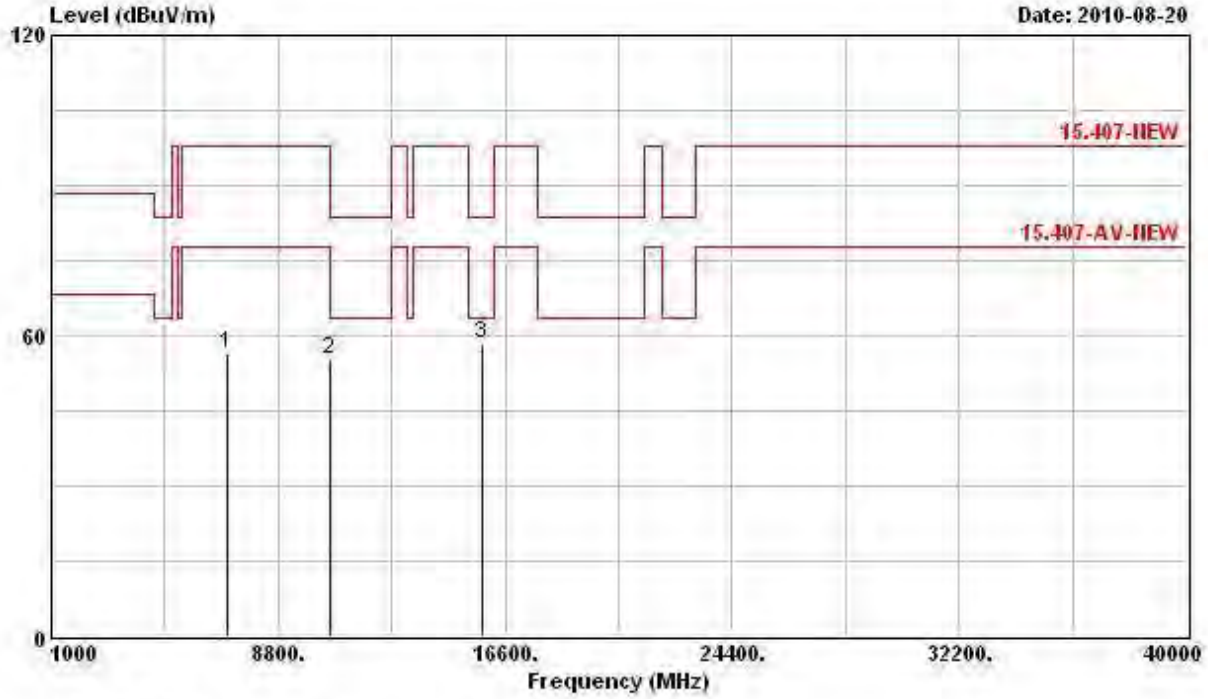
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 56 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7040.000	58.20	-39.64	97.84	50.55	36.16	4.31	32.83	---	---	PEAK
2	10560.000	55.72	-42.12	97.84	43.27	39.47	5.84	32.86	---	---	PEAK
3	15840.000	58.23	-5.31	63.54	45.37	37.95	7.50	32.59	---	---	PK

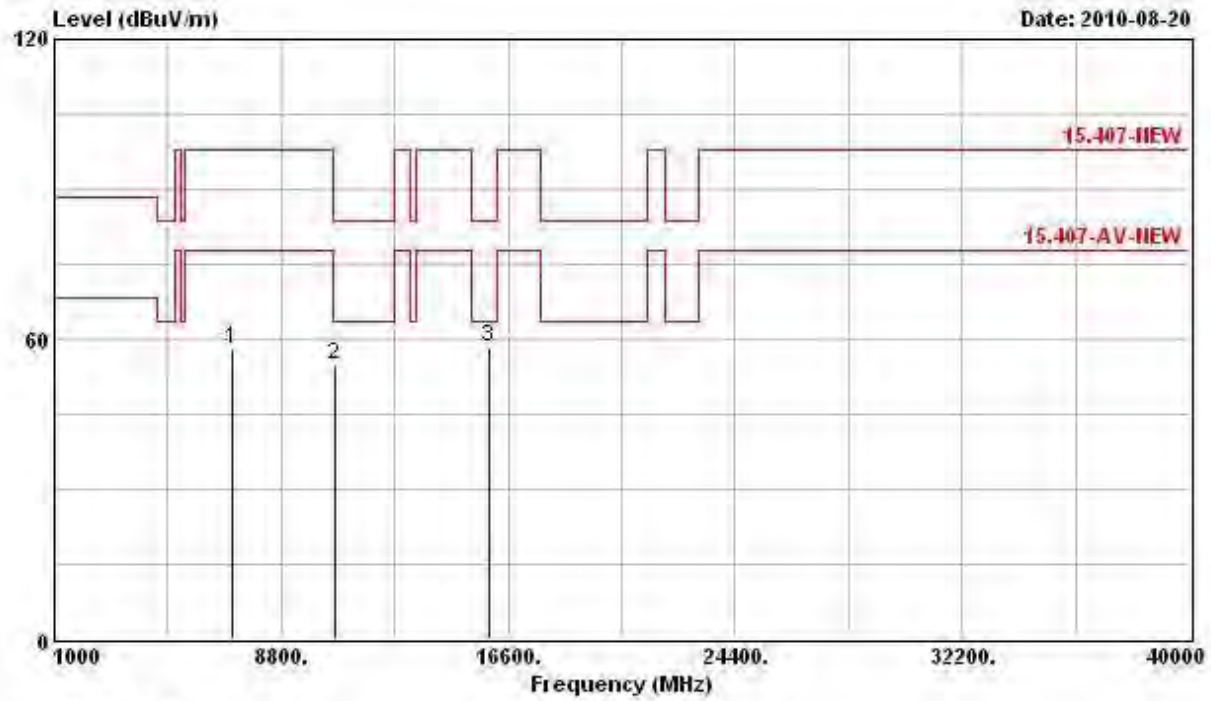
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7040.000	56.32	-41.52	97.84	48.68	36.16	4.31	32.83	---	---	PEAK
2	10560.000	55.42	-42.42	97.84	42.97	39.47	5.84	32.86	---	---	PEAK
3	15842.000	58.47	-5.07	63.54	45.61	37.95	7.50	32.59	---	---	PK

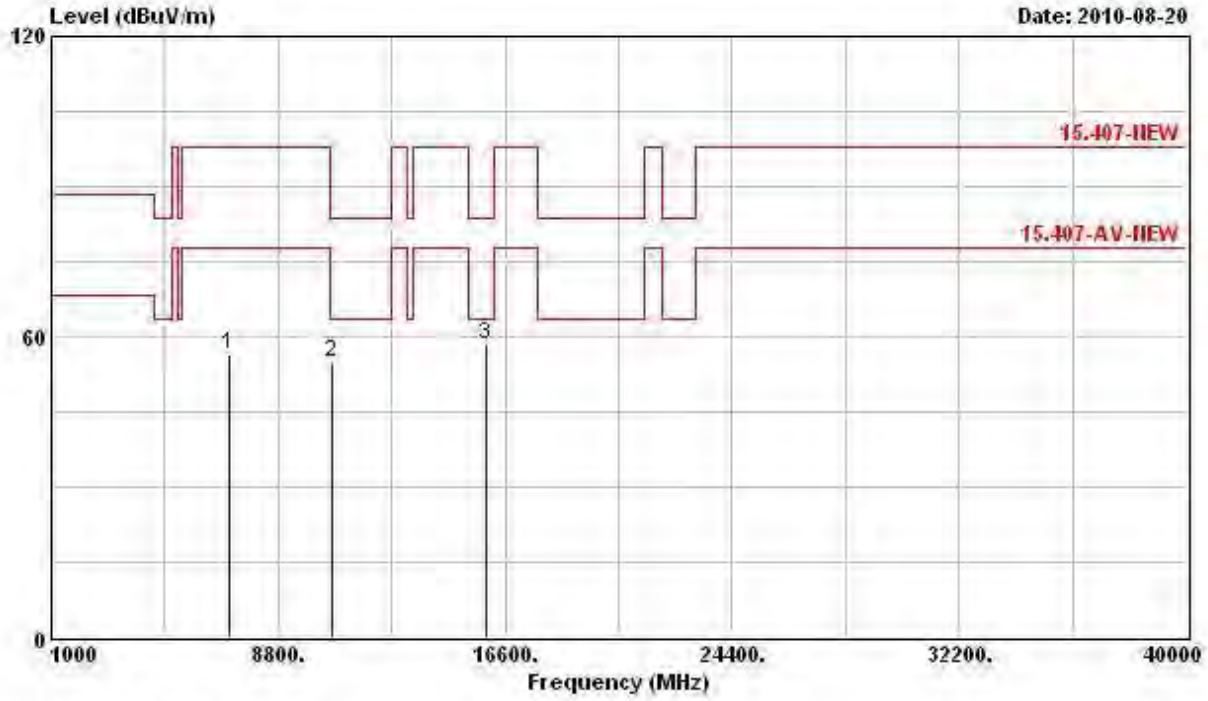
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 64 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7092.000	58.06	-39.78	97.84	50.29	36.26	4.36	32.84	---	---	PEAK
2	10642.000	54.84	-8.70	63.54	42.33	39.42	5.91	32.82	---	---	PK
3	15962.000	58.31	-5.23	63.54	45.61	37.76	7.58	32.64	---	---	PK

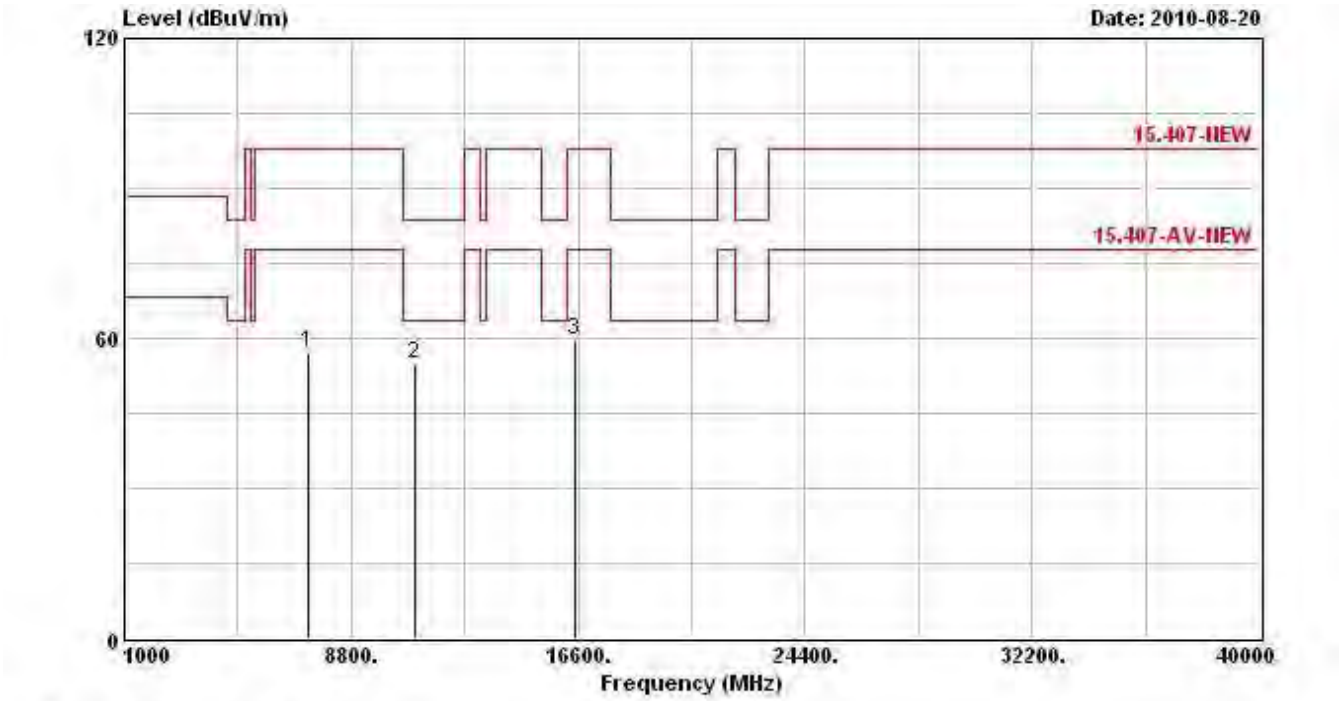
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7090.000	56.54	-41.30	97.84	48.77	36.26	4.36	32.84	---	---	PEAK
2	10640.000	54.84	-8.70	63.54	42.33	39.42	5.91	32.82	---	---	PK
3	15960.000	58.49	-5.05	63.54	45.79	37.76	7.58	32.64	---	---	PK

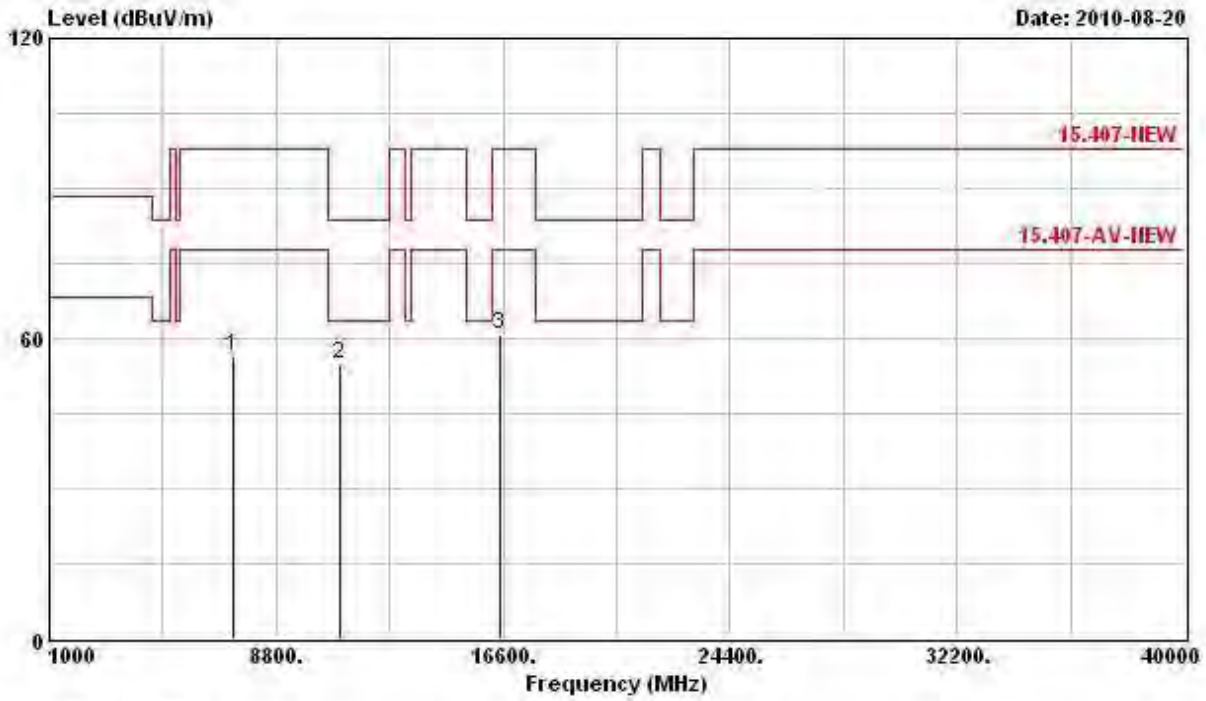
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 100 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7330.000	57.35	-20.49	77.84	48.87	36.69	4.70	32.91	---	---	PK
2	10996.000	54.93	-8.61	63.54	42.12	39.20	6.23	32.62	---	---	PK
3	16498.000	59.78	-38.06	97.84	45.94	38.50	7.60	32.26	---	---	PEAK

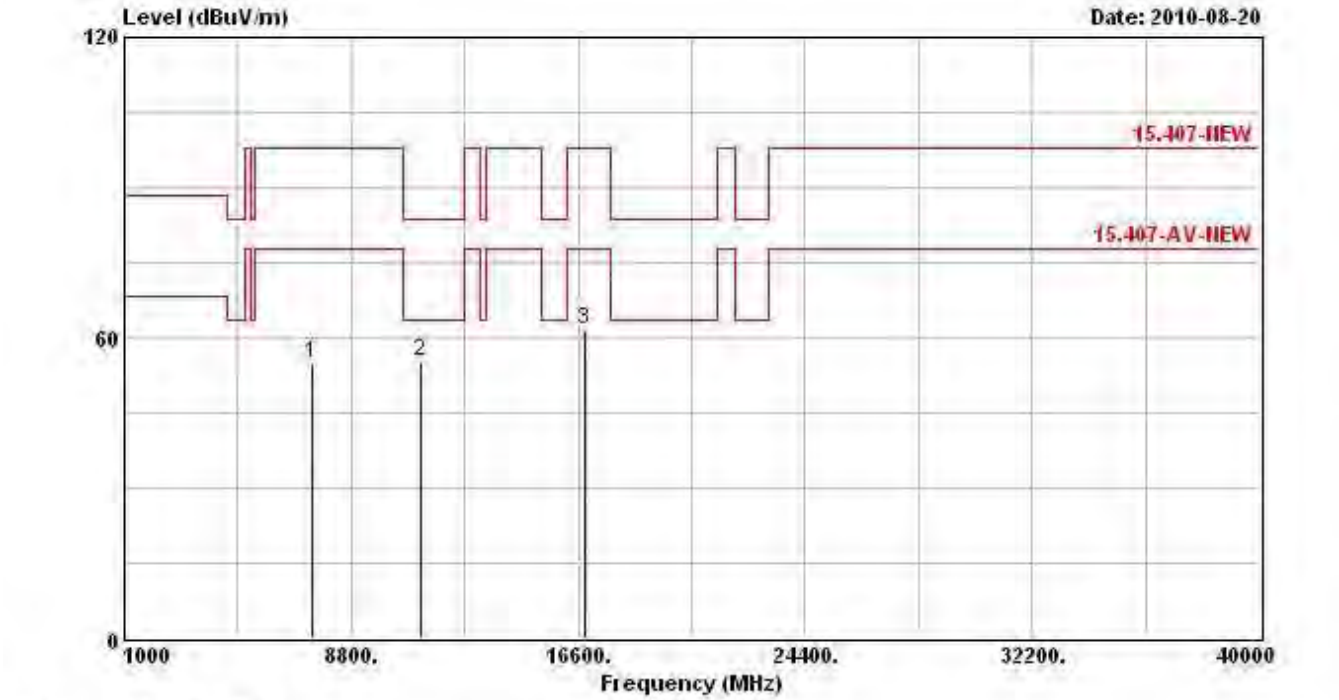
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7324.000	56.54	-21.30	77.84	48.10	36.69	4.65	32.91	---	---	PK
2	11000.000	54.81	-8.73	63.54	42.00	39.20	6.23	32.62	---	---	PK
3	16500.000	60.68	-37.16	97.84	46.83	38.50	7.60	32.26	---	---	PEAK

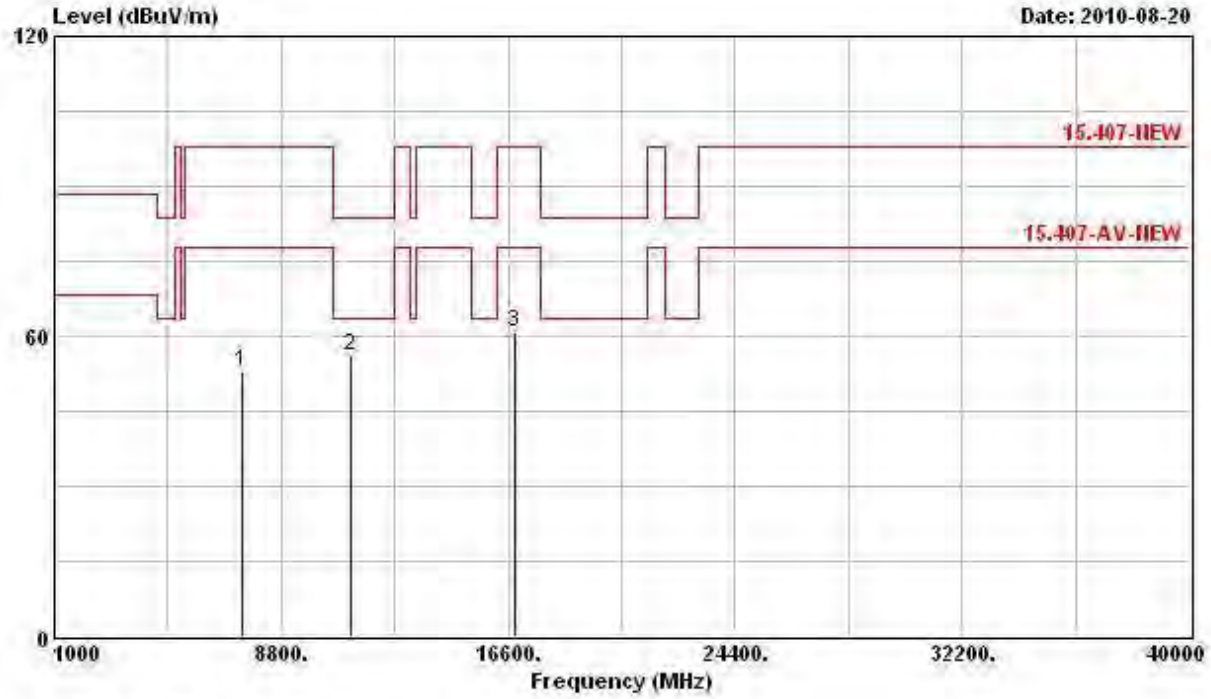
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 120 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	54.71	-23.13	77.84	45.87	36.94	4.85	32.95	---	---	PK
2	11210.000	55.32	-8.22	63.54	42.29	39.50	6.13	32.60	---	---	PK
3	16800.000	61.73	-36.11	97.84	45.96	40.14	7.49	31.86	---	---	PEAK

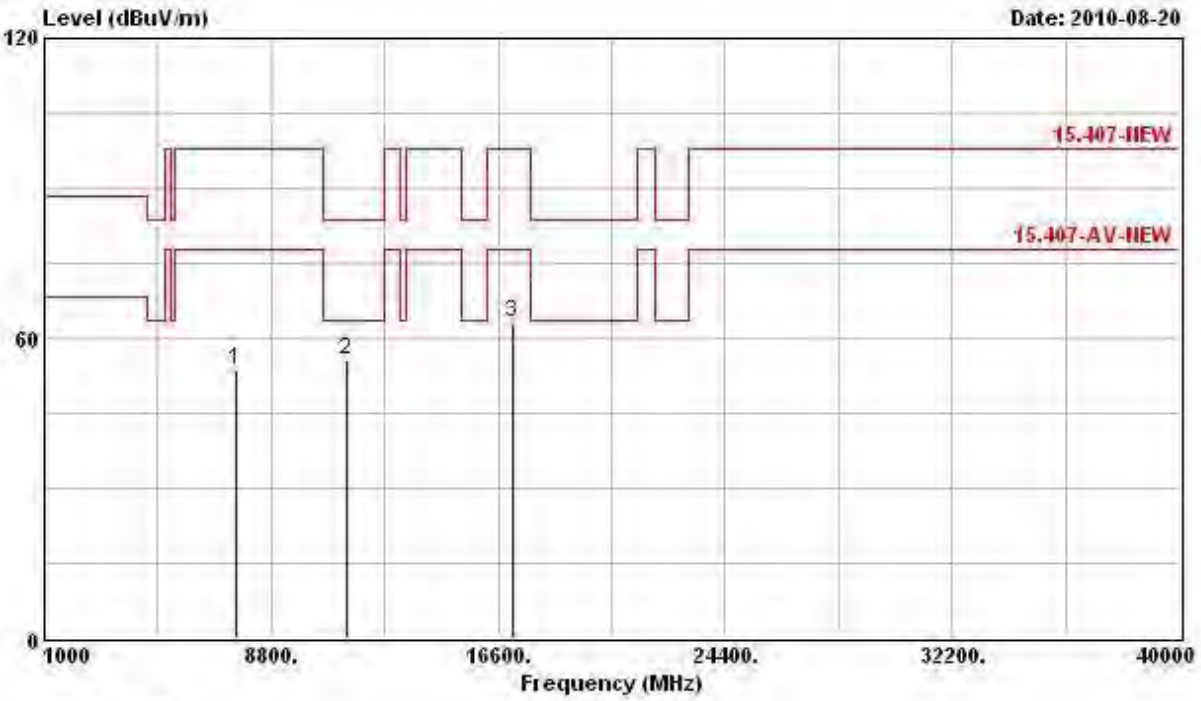
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	52.81	-25.03	77.84	43.97	36.94	4.85	32.95	---	---	PK
2	11200.000	55.90	-7.64	63.54	42.90	39.48	6.13	32.60	---	---	PK
3	16798.000	60.72	-37.12	97.84	44.95	40.14	7.49	31.86	---	---	PEAK

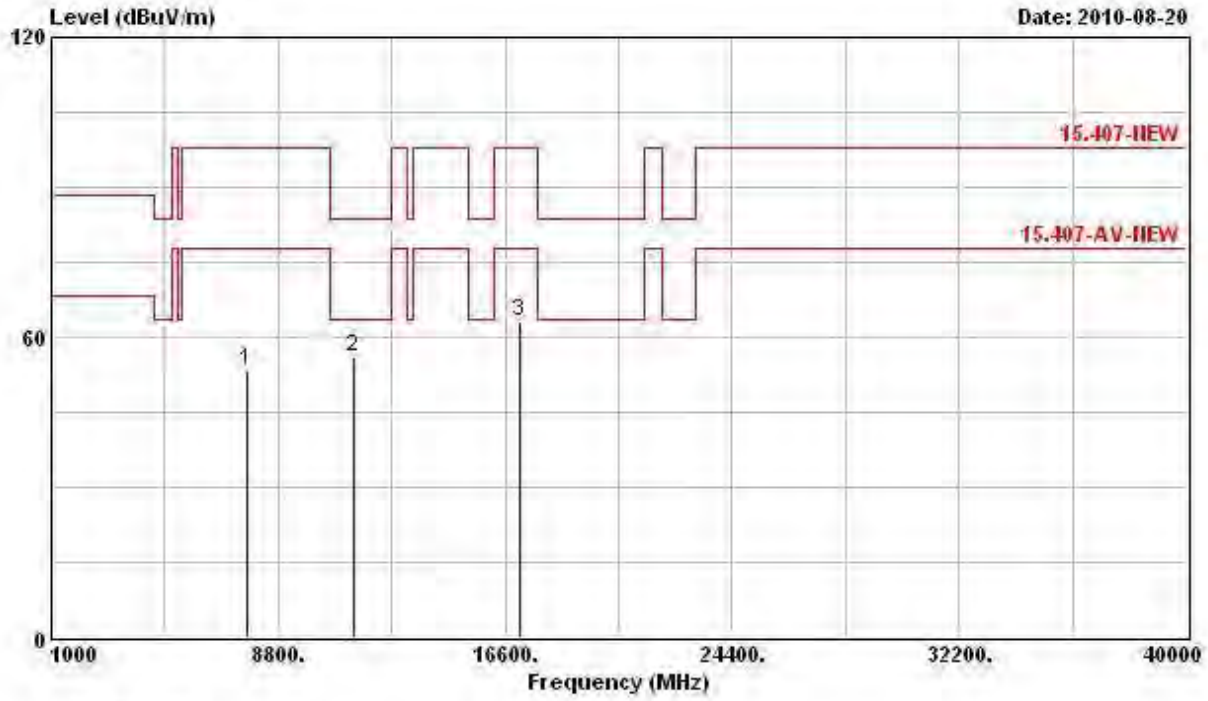
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 140 (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	53.70	-24.14	77.84	44.61	37.12	4.96	32.98	---	---	PK
2	11400.000	55.54	-8.00	63.54	42.34	39.76	6.03	32.59	---	---	PK
3	17098.000	63.27	-34.57	97.84	45.29	42.24	7.40	31.66	---	---	PEAK

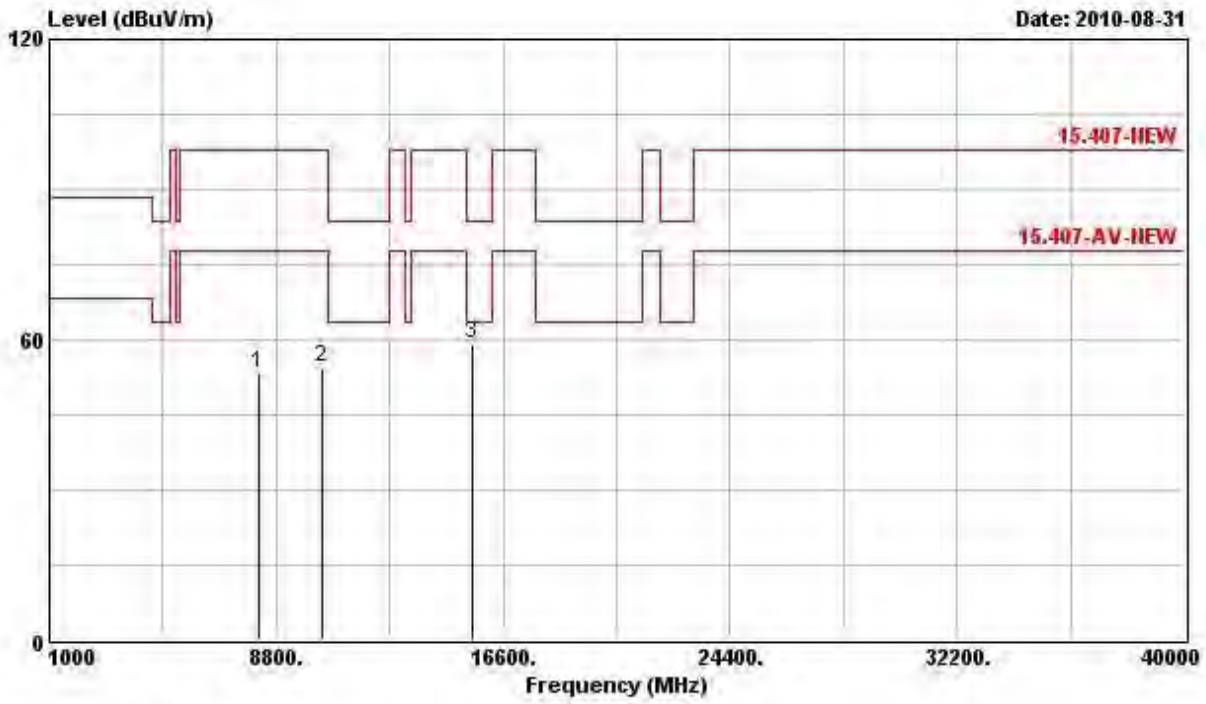
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7740.000	53.24	-24.60	77.84	43.88	37.28	5.08	33.00	---	---	PK
2	11396.000	56.03	-7.51	63.54	42.83	39.76	6.03	32.59	---	---	PK
3	17102.000	63.19	-34.65	97.84	45.21	42.24	7.40	31.66	---	---	PEAK

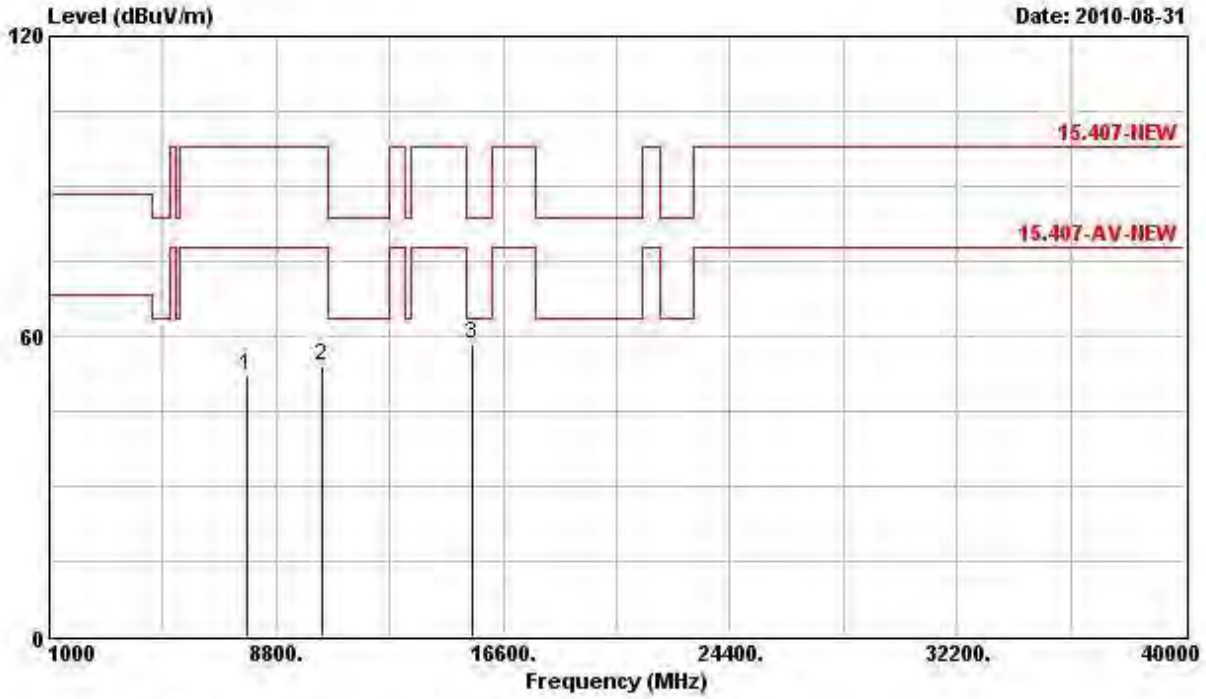
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 36 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8218.000	53.21	-24.63	77.84	43.06	37.87	5.33	33.05	---	---	PK
2	10364.000	54.53	-43.31	97.84	42.25	39.55	5.75	33.02	---	---	PEAK
3 @	15544.000	59.12	-4.42	63.54	45.89	38.42	7.28	32.47	---	---	PK

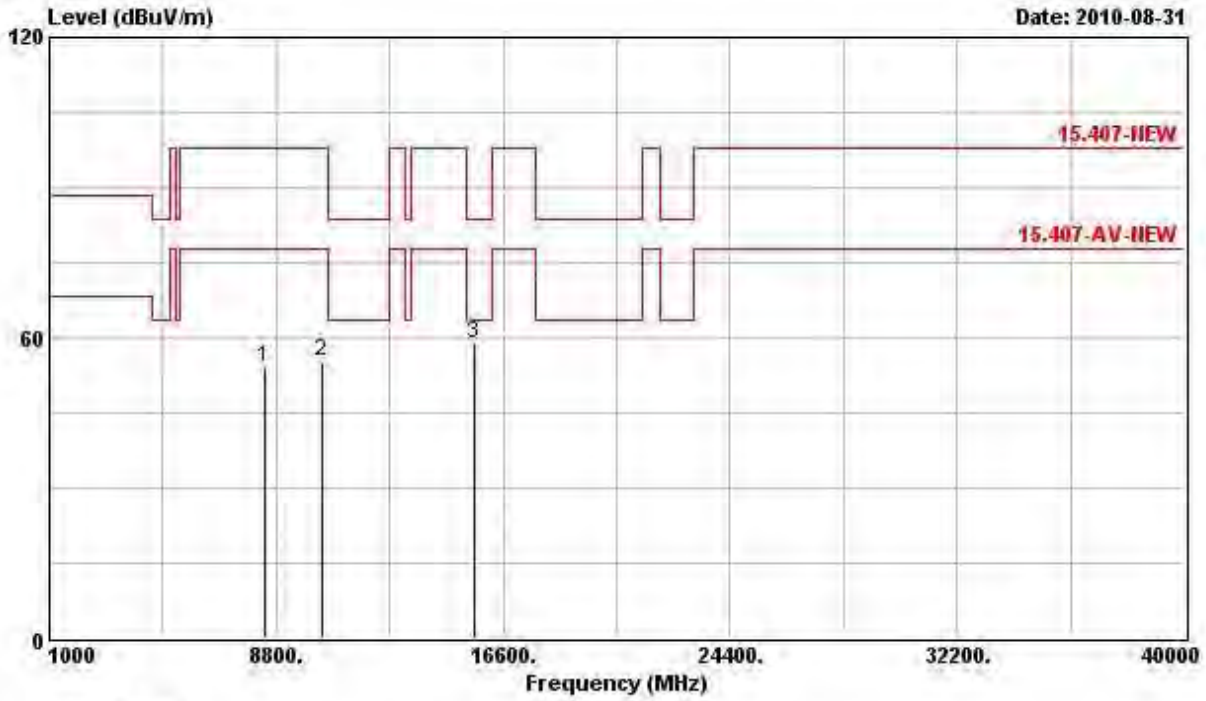
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7768.000	52.05	-45.79	97.84	42.62	37.32	5.11	33.01	---	---	PEAK
2	10360.000	54.13	-43.71	97.84	41.85	39.55	5.75	33.02	---	---	PEAK
3 @	15540.000	58.55	-4.99	63.54	45.30	38.44	7.28	32.47	---	---	PK

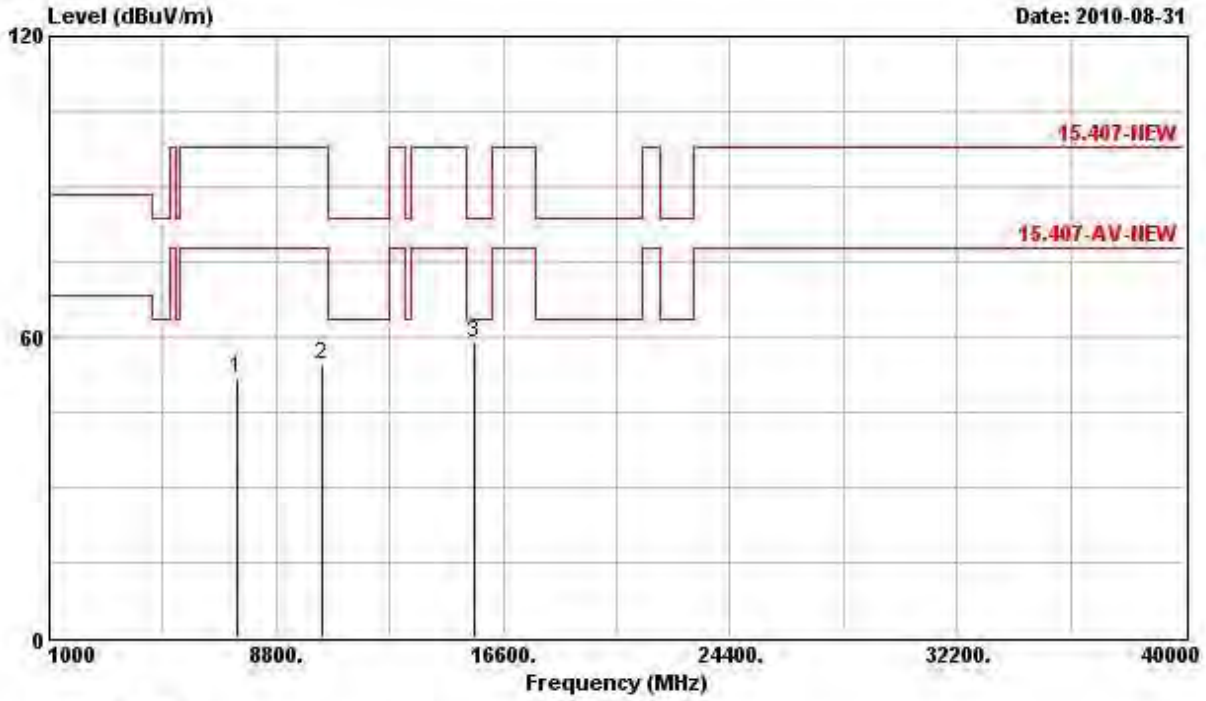
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 40 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8384.000	53.92	-23.92	77.84	43.56	38.06	5.35	33.05	---	---	PK
2	10400.000	55.34	-42.50	97.84	43.01	39.54	5.77	32.98	---	---	PEAK
3 @	15600.000	58.94	-4.60	63.54	45.77	38.33	7.33	32.50	---	---	PK

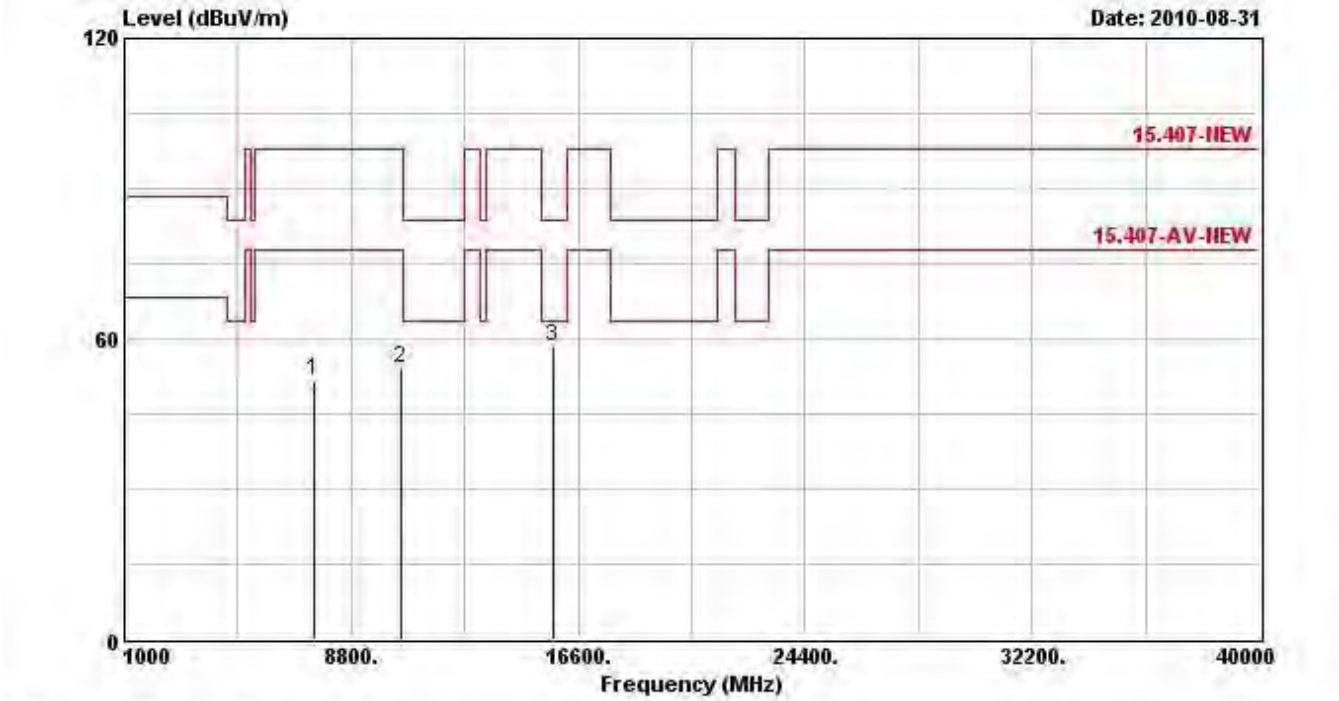
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7482.000	51.88	-25.96	77.84	43.02	36.97	4.85	32.95	---	---	PK
2	10400.000	54.39	-43.45	97.84	42.06	39.54	5.77	32.98	---	---	PEAK
3 @	15604.000	58.89	-4.65	63.54	45.73	38.33	7.33	32.50	---	---	PK

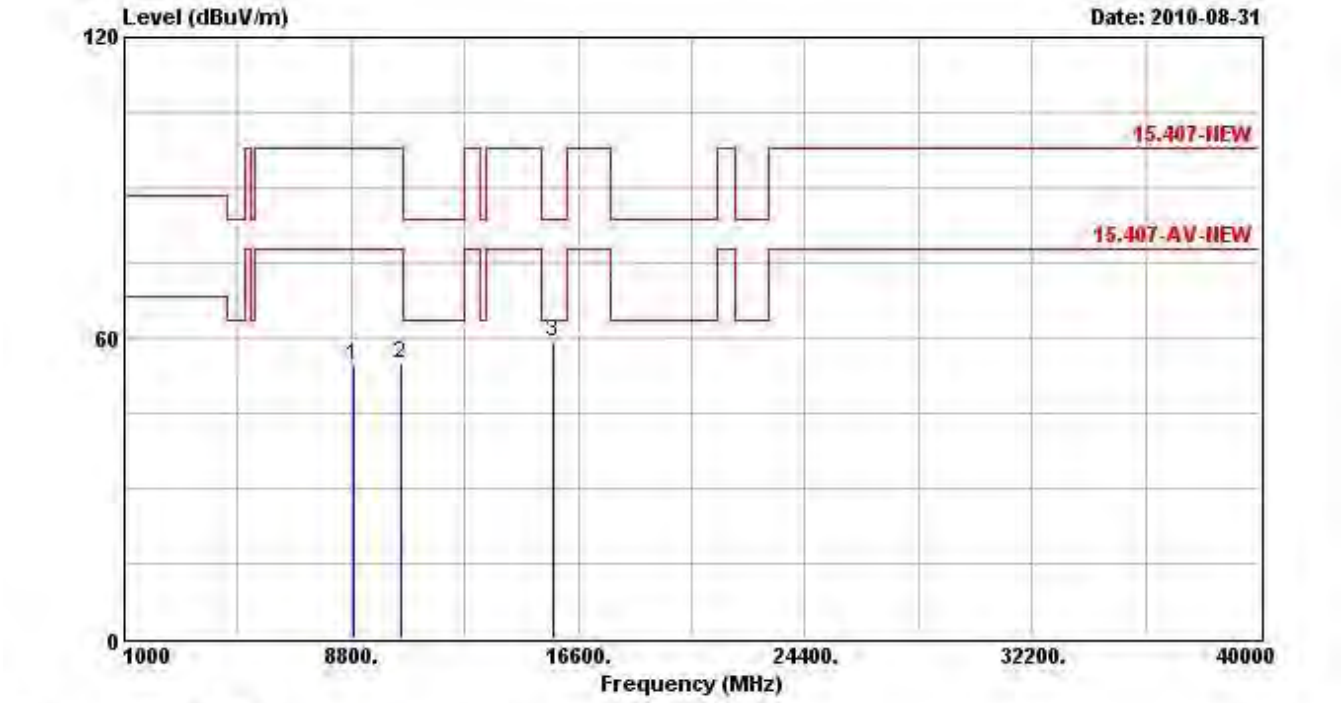
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 48 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7546.000	51.77	-26.07	77.84	42.76	37.06	4.93	32.97	---	---	PK
2	10484.000	54.06	-43.78	97.84	41.67	39.51	5.80	32.91	---	---	PEAK
3 @	15724.000	58.29	-5.25	63.54	45.27	38.14	7.42	32.54	---	---	PK

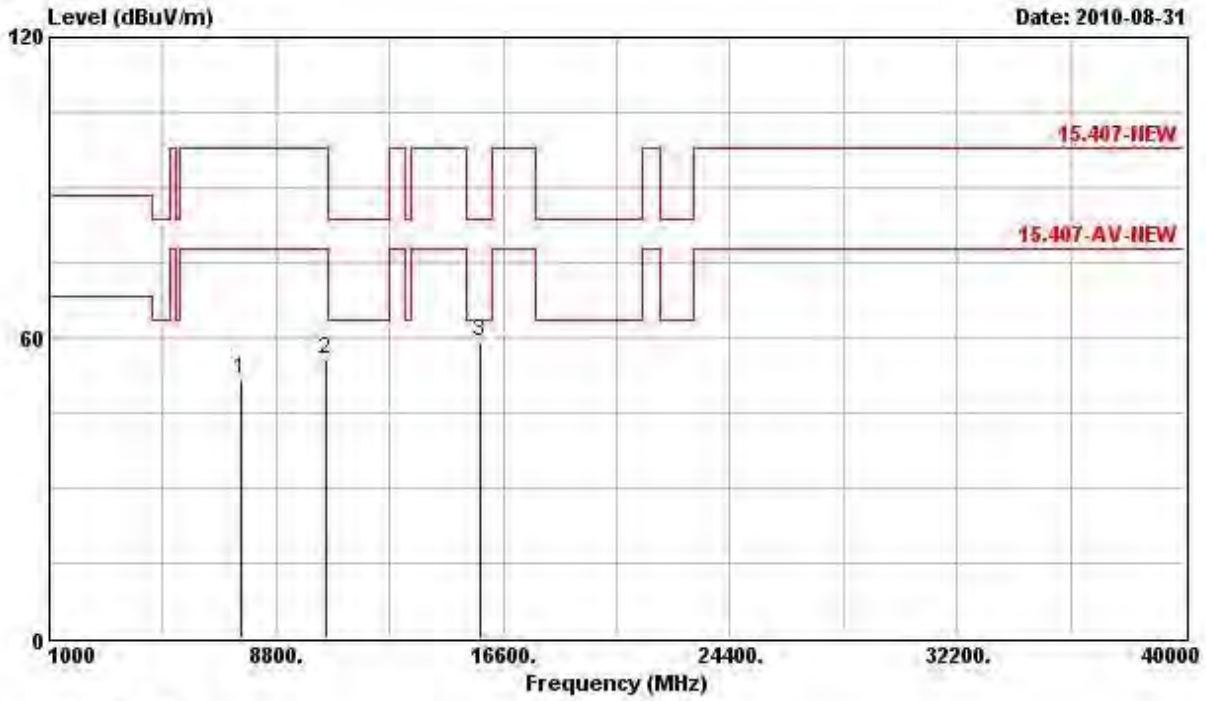
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8872.000	54.47	-43.37	97.84	43.98	38.49	5.17	33.18	---	---	PEAK
2	10480.000	54.92	-42.92	97.84	42.52	39.51	5.80	32.91	---	---	PEAK
3 @	15720.000	59.01	-4.53	63.54	46.00	38.14	7.42	32.54	---	---	PK

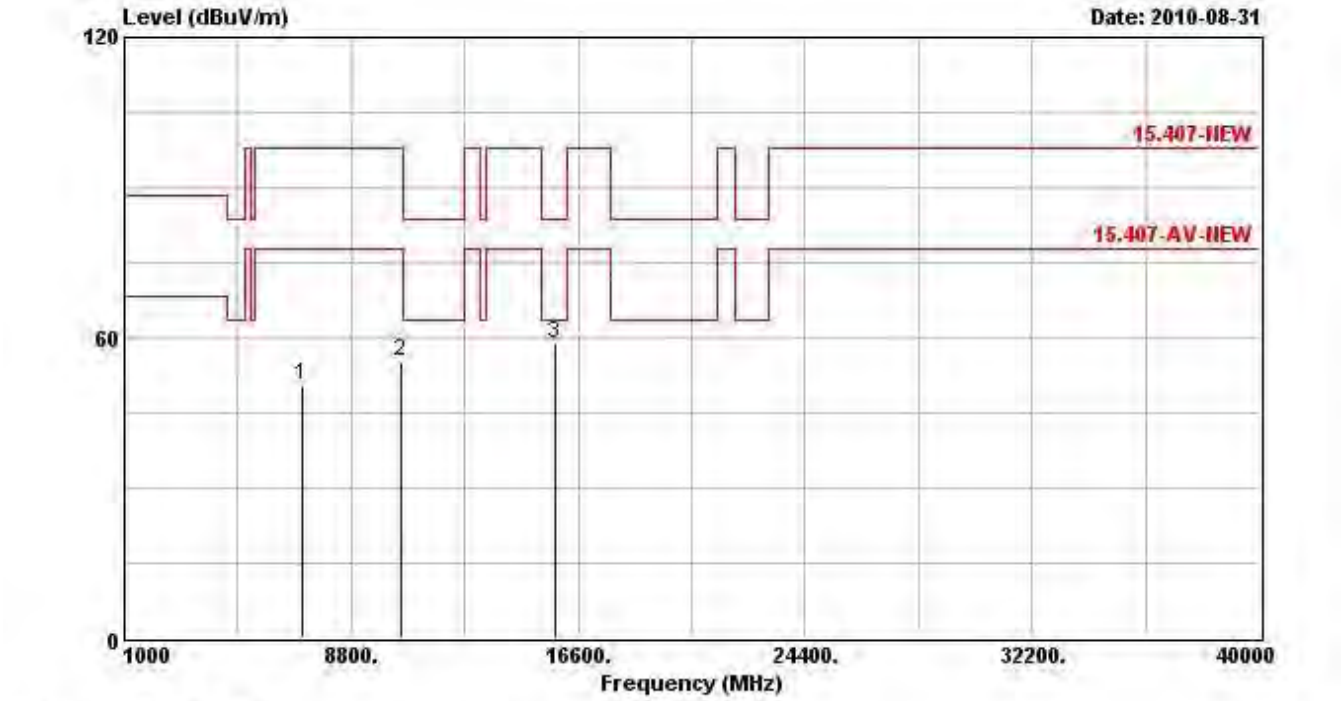
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 52 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7622.000	51.68	-26.16	77.84	42.51	37.16	4.99	32.98	---	---	PK
2	10520.000	55.73	-42.11	97.84	43.32	39.49	5.81	32.89	---	---	PEAK
3 @	15780.000	59.36	-4.18	63.54	46.43	38.06	7.44	32.57	---	---	PK

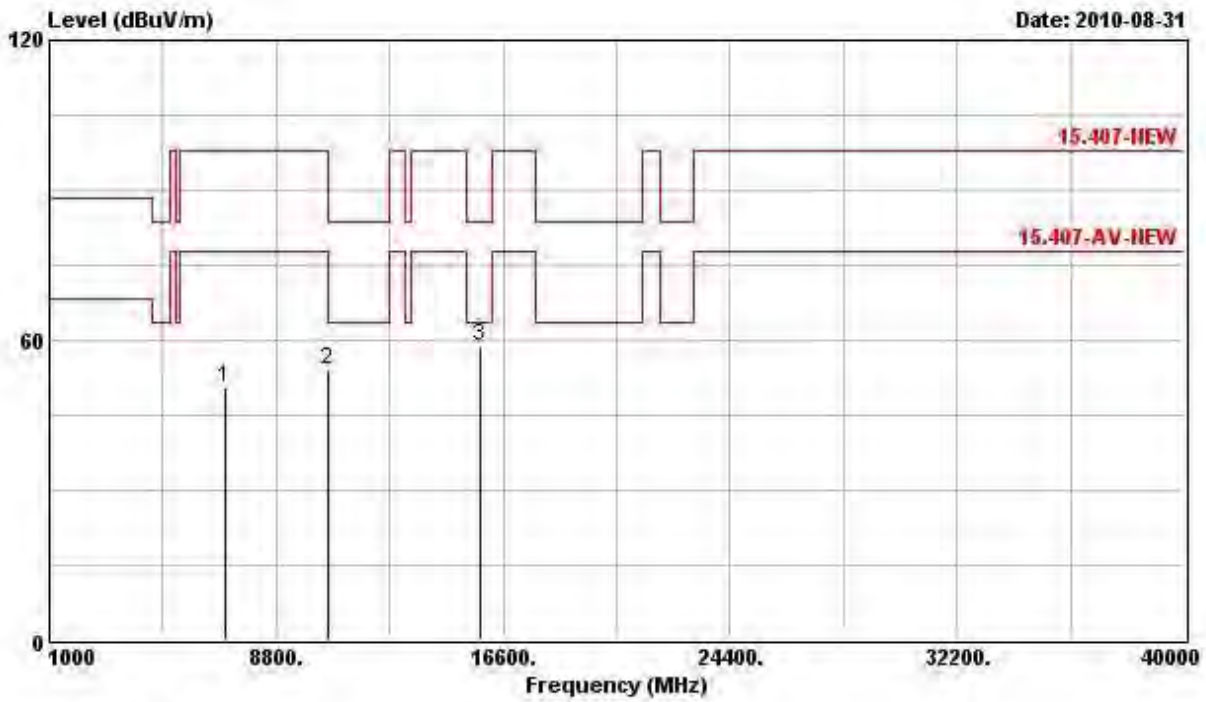
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7118.000	50.55	-47.29	97.84	42.67	36.32	4.41	32.85	---	---	PEAK
2	10520.000	55.39	-42.45	97.84	42.98	39.49	5.81	32.89	---	---	PEAK
3 @	15780.000	58.82	-4.72	63.54	45.89	38.06	7.44	32.57	---	---	PK

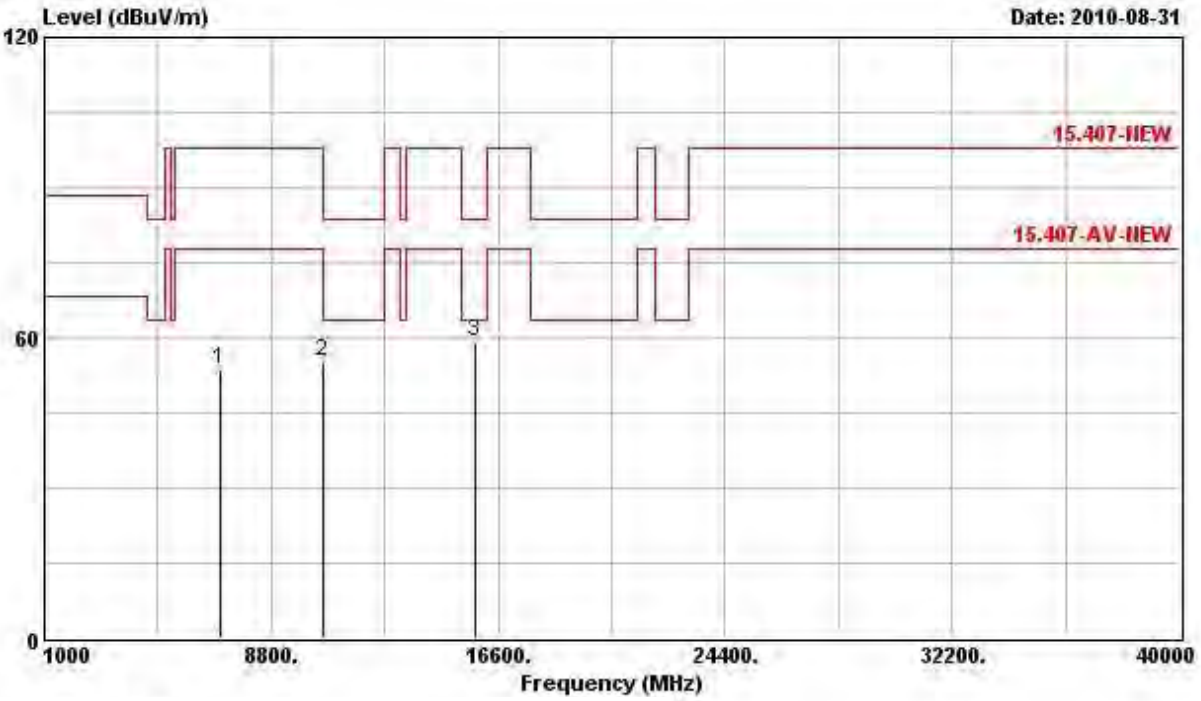
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 56 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7054.000	50.51	-47.33	97.84	42.84	36.19	4.31	32.83	---	---	PEAK
2	10564.000	53.90	-43.94	97.84	41.46	39.46	5.84	32.86	---	---	PEAK
3 @	15844.000	58.64	-4.90	63.54	45.78	37.95	7.50	32.59	---	---	PK

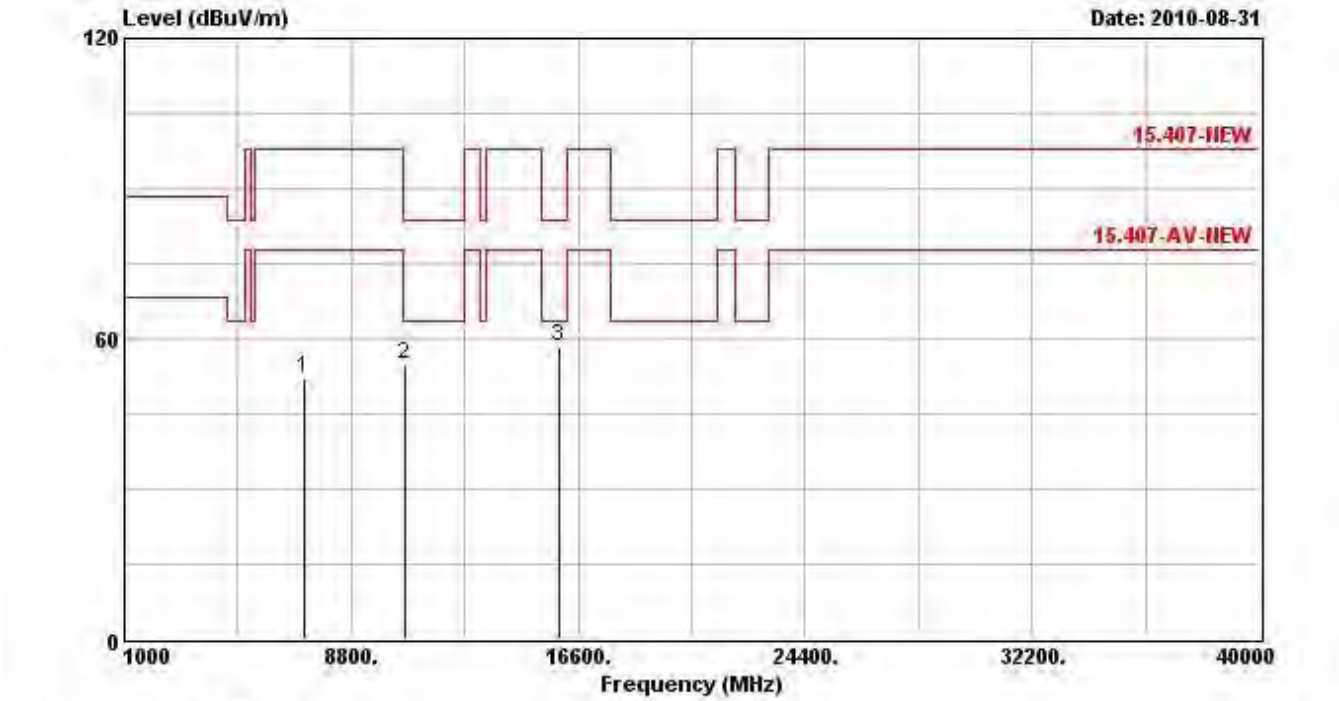
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7036.000	53.84	-44.00	97.84	46.20	36.16	4.31	32.83	---	---	PEAK
2	10560.000	55.09	-42.75	97.84	42.64	39.47	5.84	32.86	---	---	PEAK
3 @	15840.000	59.39	-4.15	63.54	46.53	37.95	7.50	32.59	---	---	PK

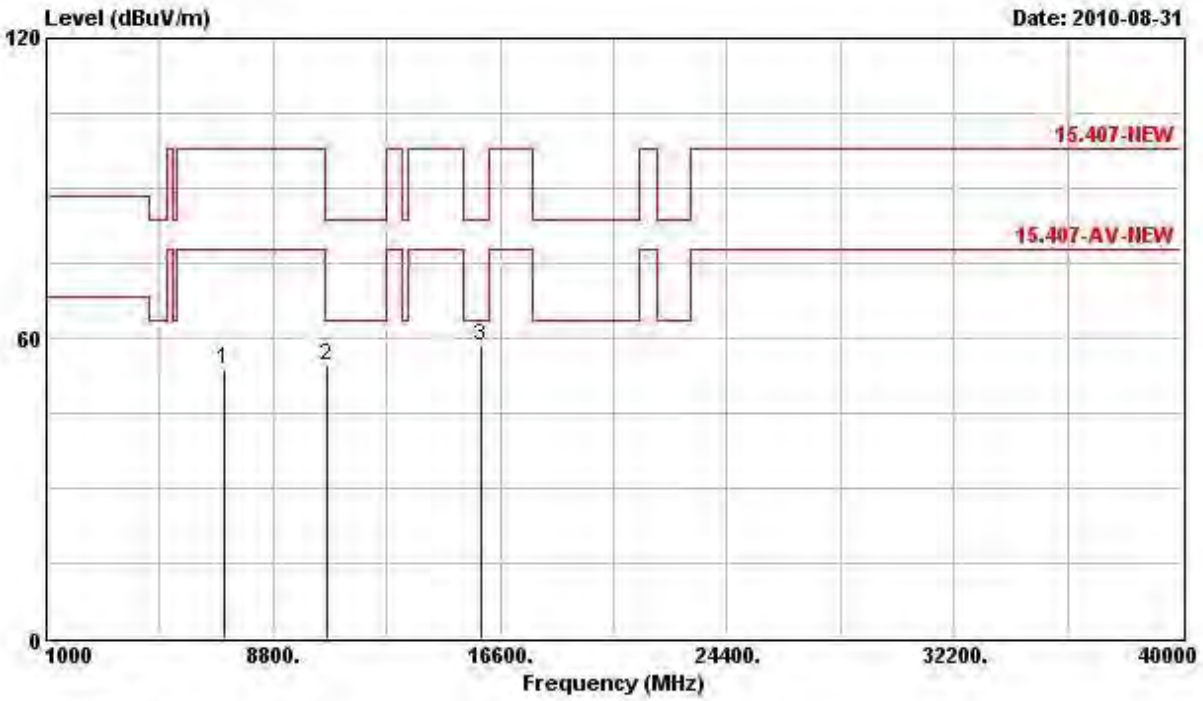
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 64 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7166.000	51.96	-45.88	97.84	43.96	36.41	4.45	32.86	---	---	PEAK
2 @	10640.000	54.70	-8.84	63.54	42.19	39.42	5.91	32.82	---	---	PK
3 @	15960.000	58.35	-5.19	63.54	45.65	37.76	7.58	32.64	---	---	PK

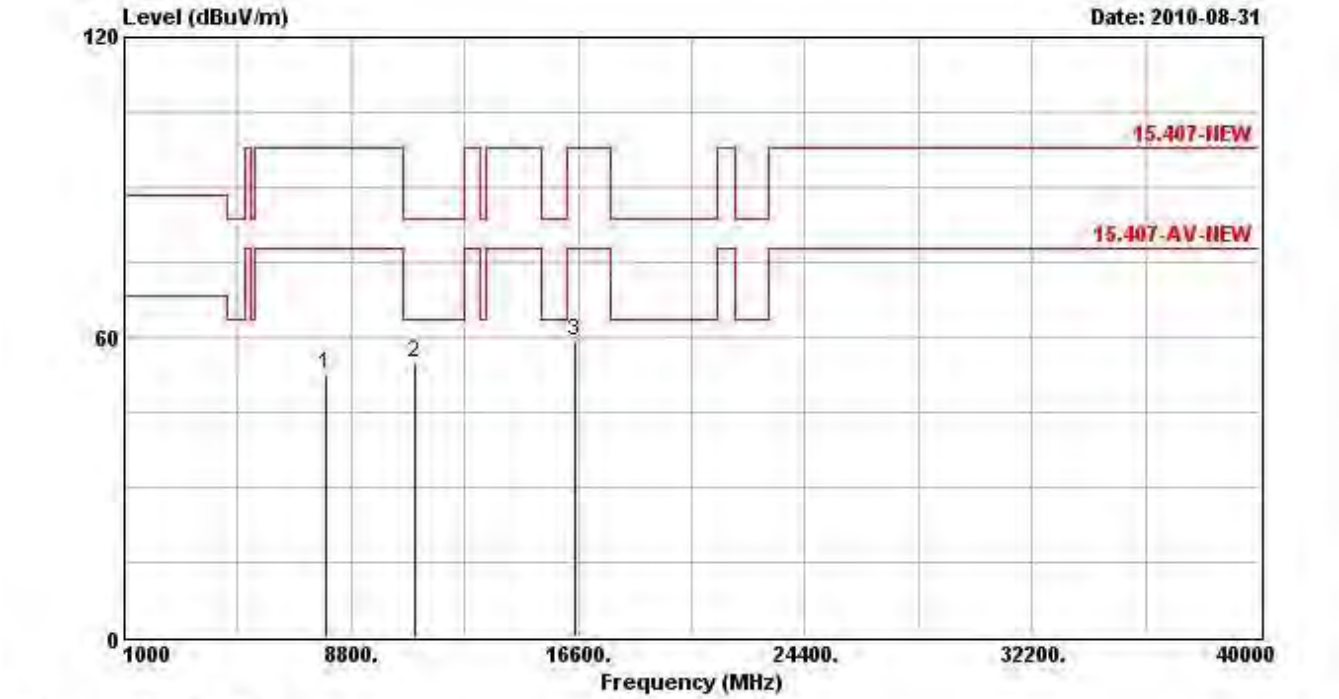
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7094.000	53.73	-44.11	97.84	45.96	36.26	4.36	32.84	---	---	PEAK
2 @	10644.000	54.58	-8.96	63.54	42.08	39.42	5.91	32.82	---	---	PK
3 @	15960.000	58.51	-5.03	63.54	45.82	37.76	7.58	32.64	---	---	PK

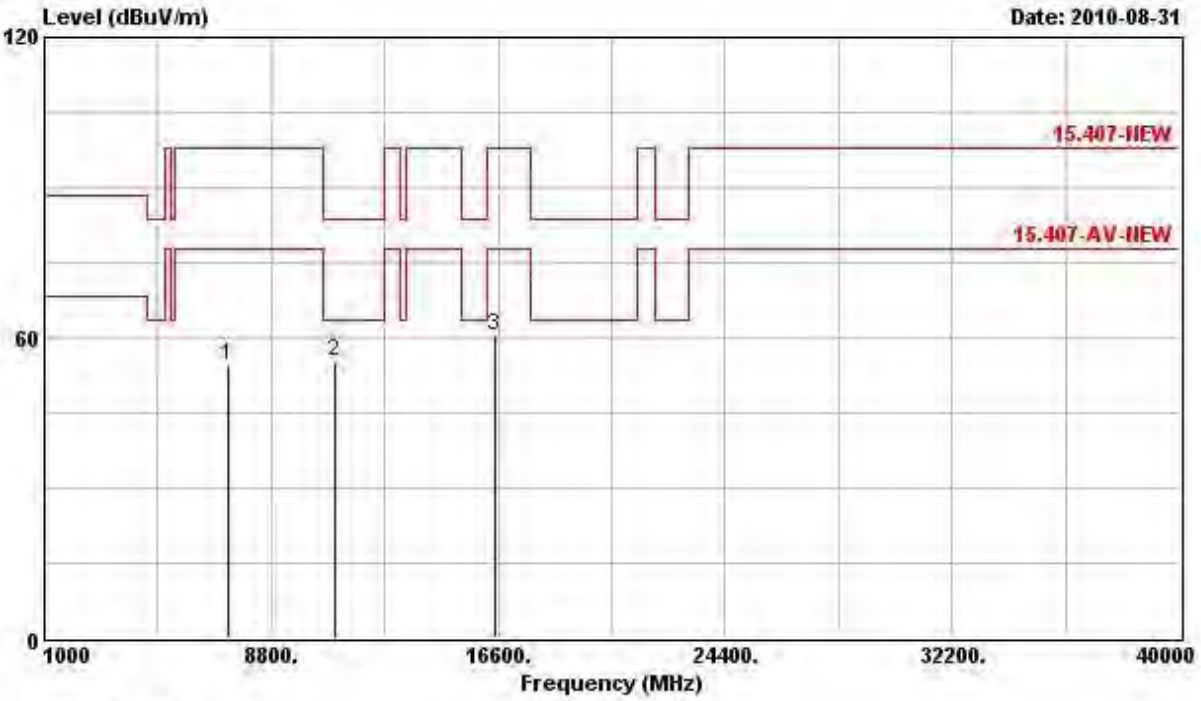
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 100 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7900.000	52.50	-45.34	97.84	42.85	37.48	5.21	33.03	---	---	PEAK
2 @	11000.000	54.79	-8.75	63.54	41.99	39.20	6.23	32.62	---	---	PK
3	16504.000	59.39	-38.45	97.84	45.55	38.50	7.60	32.26	---	---	PEAK

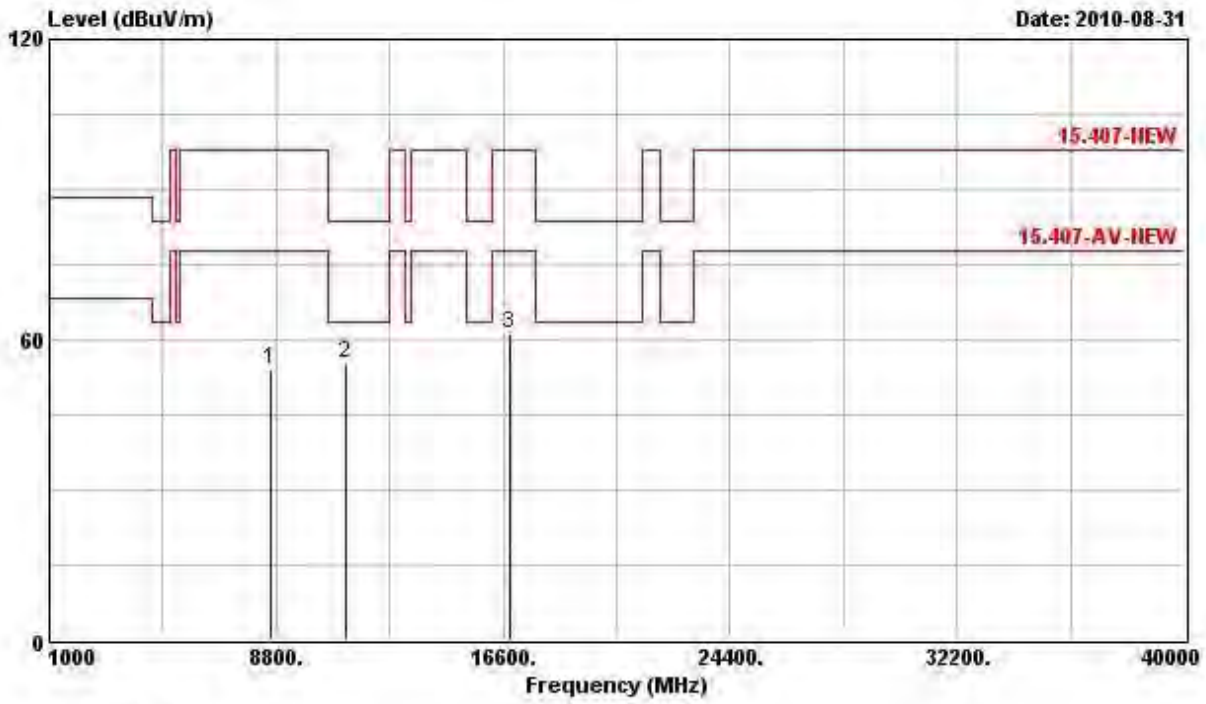
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7320.000	54.56	-23.28	77.84	46.13	36.69	4.65	32.91	---	---	PK
2 @	11000.000	55.17	-8.37	63.54	42.36	39.20	6.23	32.62	---	---	PK
3	16500.000	60.38	-37.46	97.84	46.53	38.50	7.60	32.26	---	---	PEAK

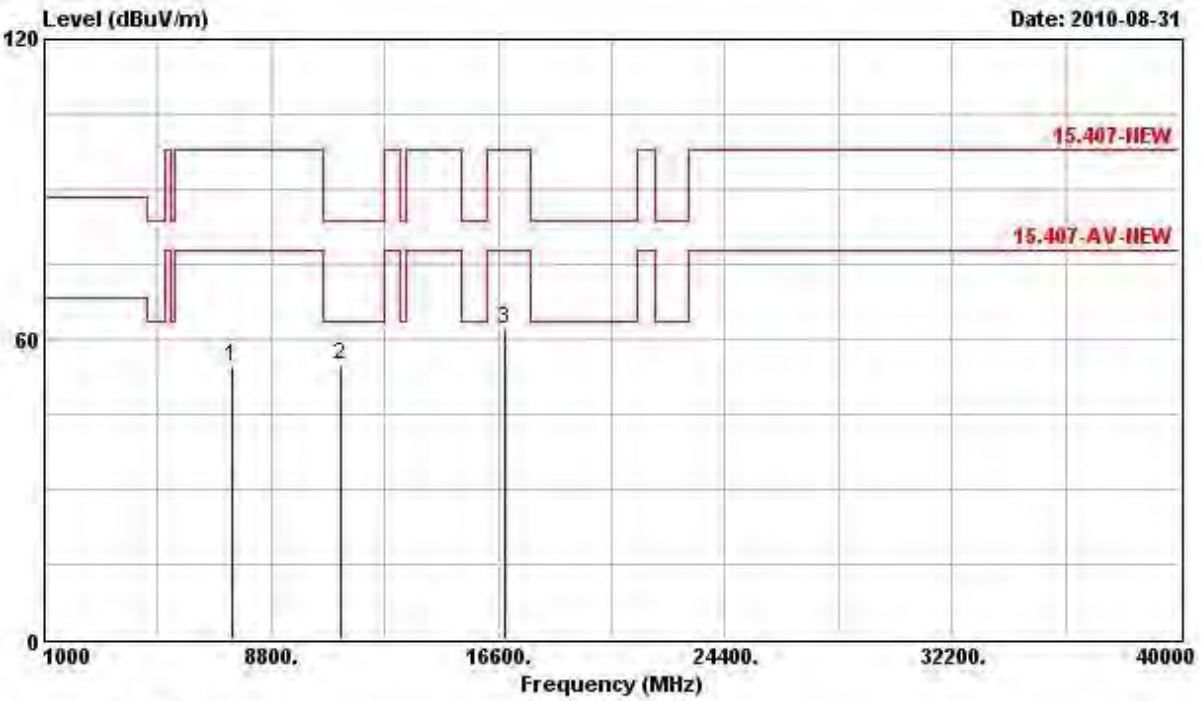
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 120 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8640.000	53.99	-43.85	97.84	43.48	38.31	5.30	33.10	---	---	PEAK
2	11200.000	55.29	-8.25	63.54	42.29	39.48	6.13	32.60	---	---	PK
3	16802.000	61.29	-36.55	97.84	45.43	40.24	7.49	31.86	---	---	PEAK

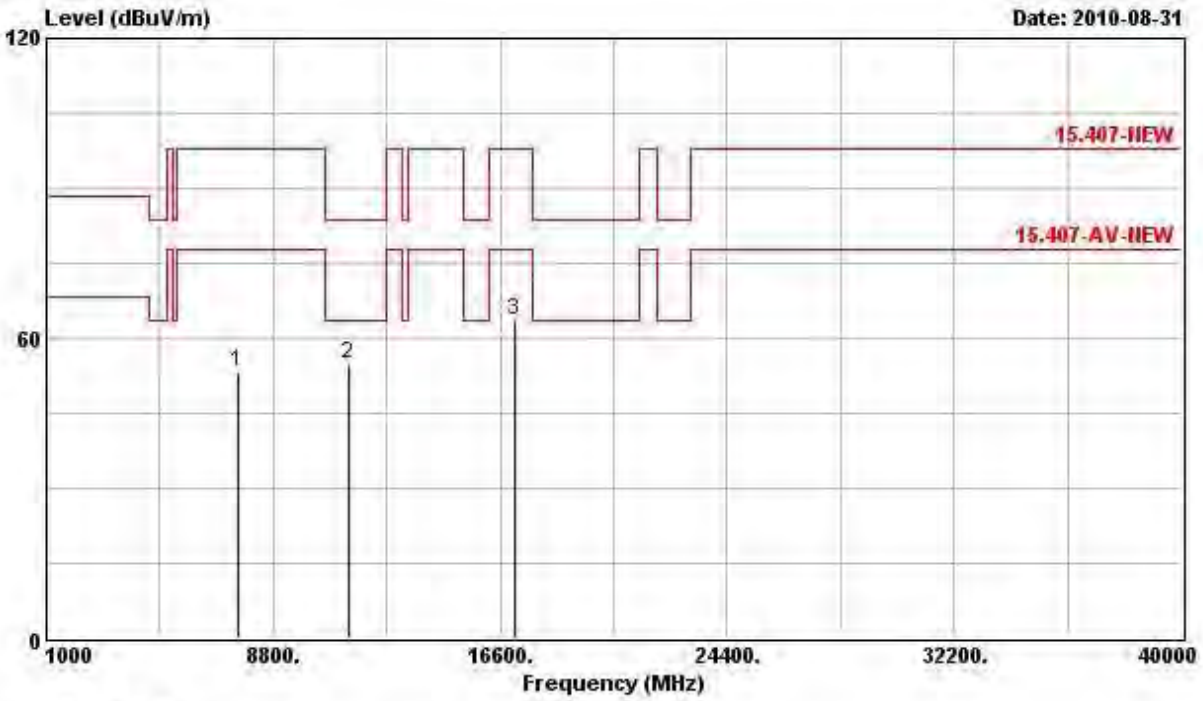
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	54.58	-23.26	77.84	45.74	36.94	4.85	32.95	---	---	PK
2 @	11200.000	55.03	-8.51	63.54	42.03	39.48	6.13	32.60	---	---	PK
3	16800.000	62.04	-35.80	97.84	46.27	40.14	7.49	31.86	---	---	PEAK

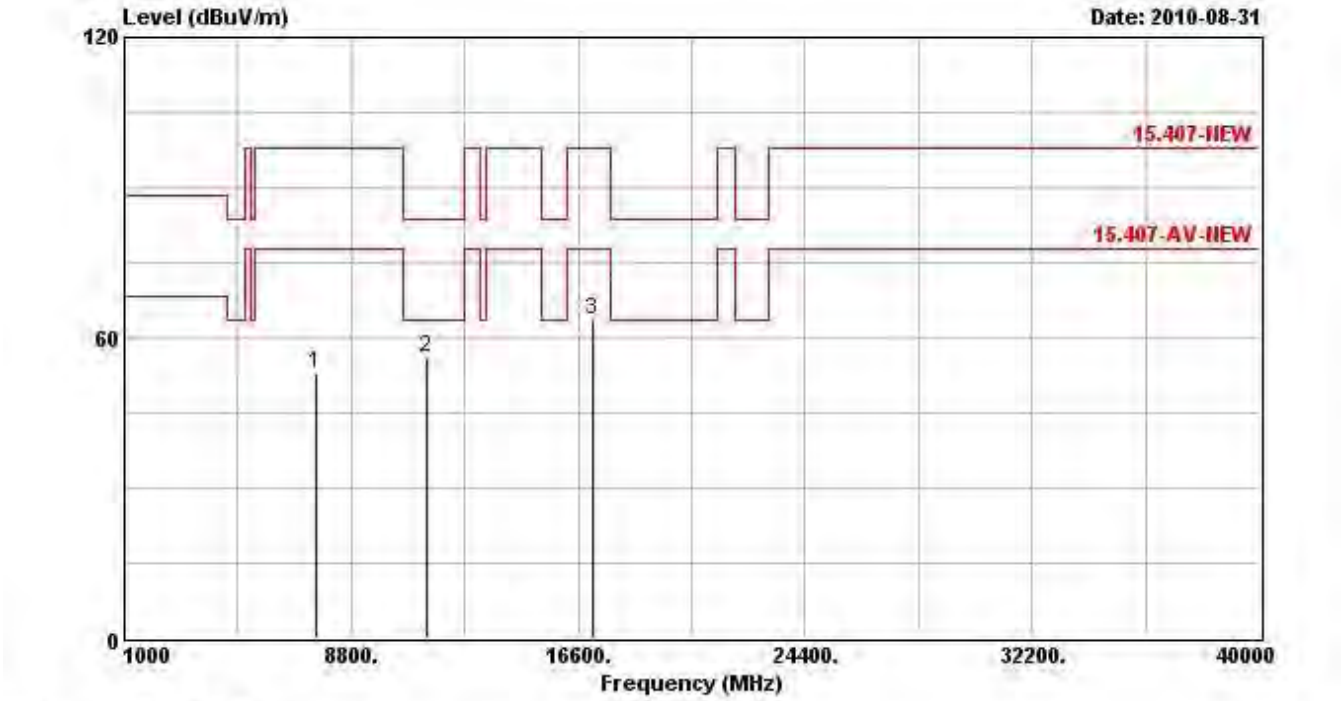
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 140 (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	53.25	-24.59	77.84	44.15	37.12	4.96	32.98	---	---	PK
2 @	11404.000	55.02	-8.52	63.54	41.82	39.76	6.03	32.59	---	---	PK
3	17100.000	63.55	-34.29	97.84	45.57	42.24	7.40	31.66	---	---	PEAK

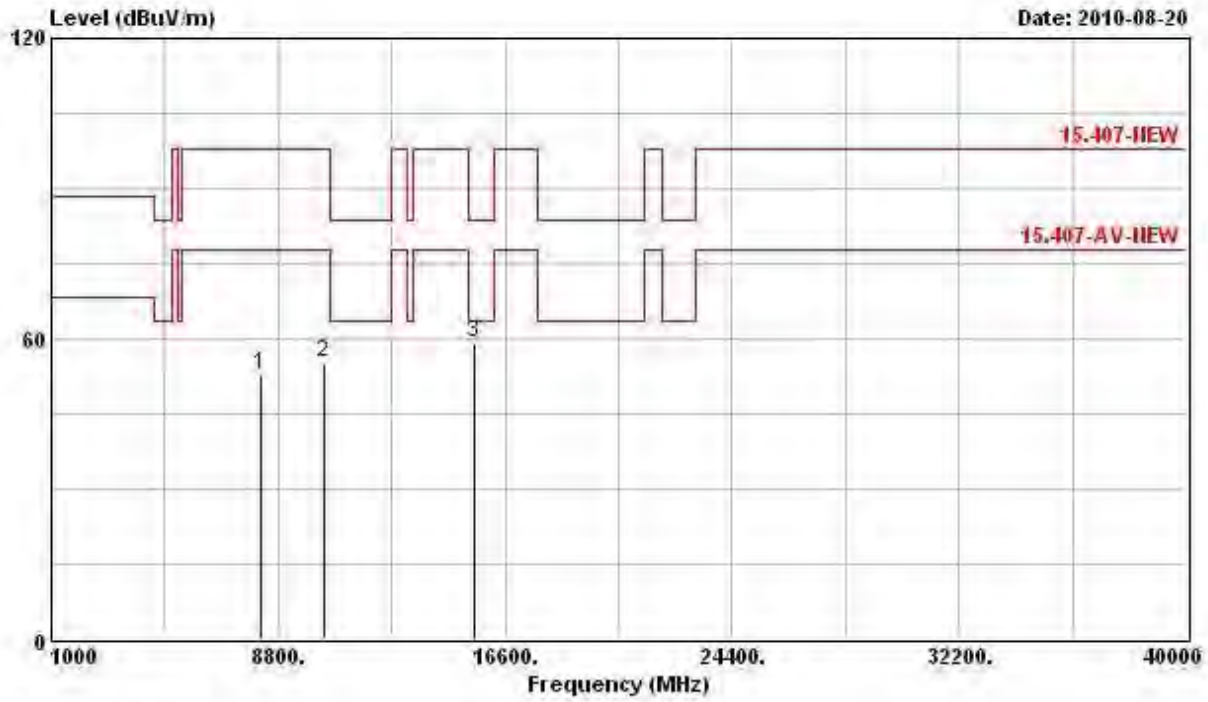
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	53.05	-24.79	77.84	43.95	37.12	4.96	32.98	---	---	PK
2 @	11404.000	56.10	-7.44	63.54	42.90	39.76	6.03	32.59	---	---	PK
3	17098.000	63.37	-34.47	97.84	45.39	42.24	7.40	31.66	---	---	PEAK

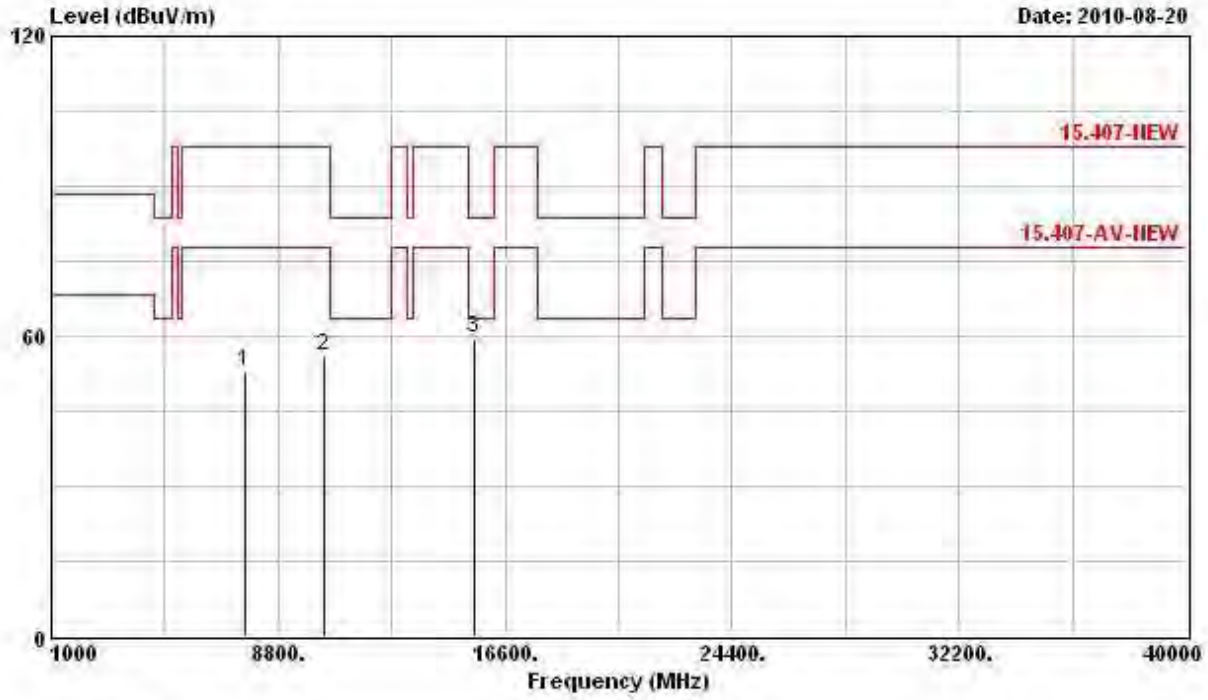
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 36 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8182.000	52.78	-25.06	77.84	42.70	37.81	5.32	33.05	---	---	PK
2	10360.000	55.25	-42.59	97.84	42.96	39.55	5.75	33.02	---	---	PEAK
3	15540.000	59.01	-4.53	63.54	45.76	38.44	7.28	32.47	---	---	PK

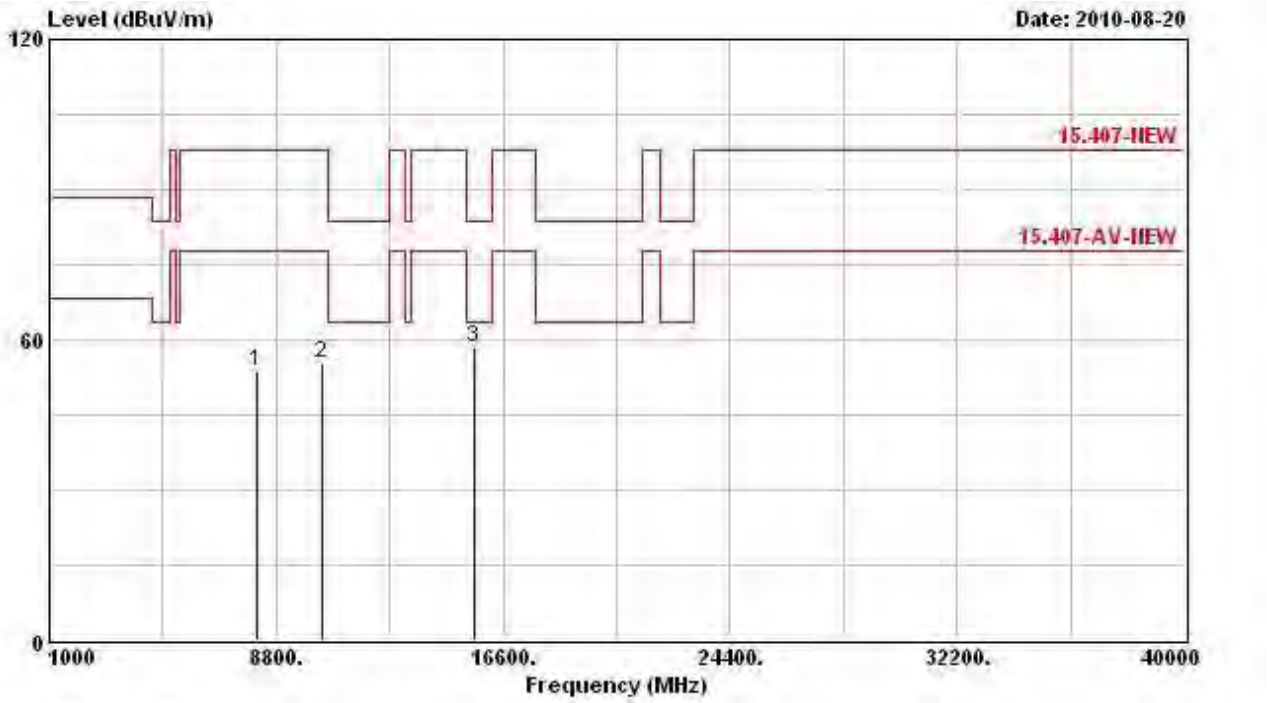
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7660.000	52.73	-25.11	77.84	43.50	37.20	5.02	32.99	---	---	PK
2	10360.000	56.18	-41.66	97.84	43.89	39.55	5.75	33.02	---	---	PEAK
3	15540.000	59.45	-4.09	63.54	46.20	38.44	7.28	32.47	---	---	PK

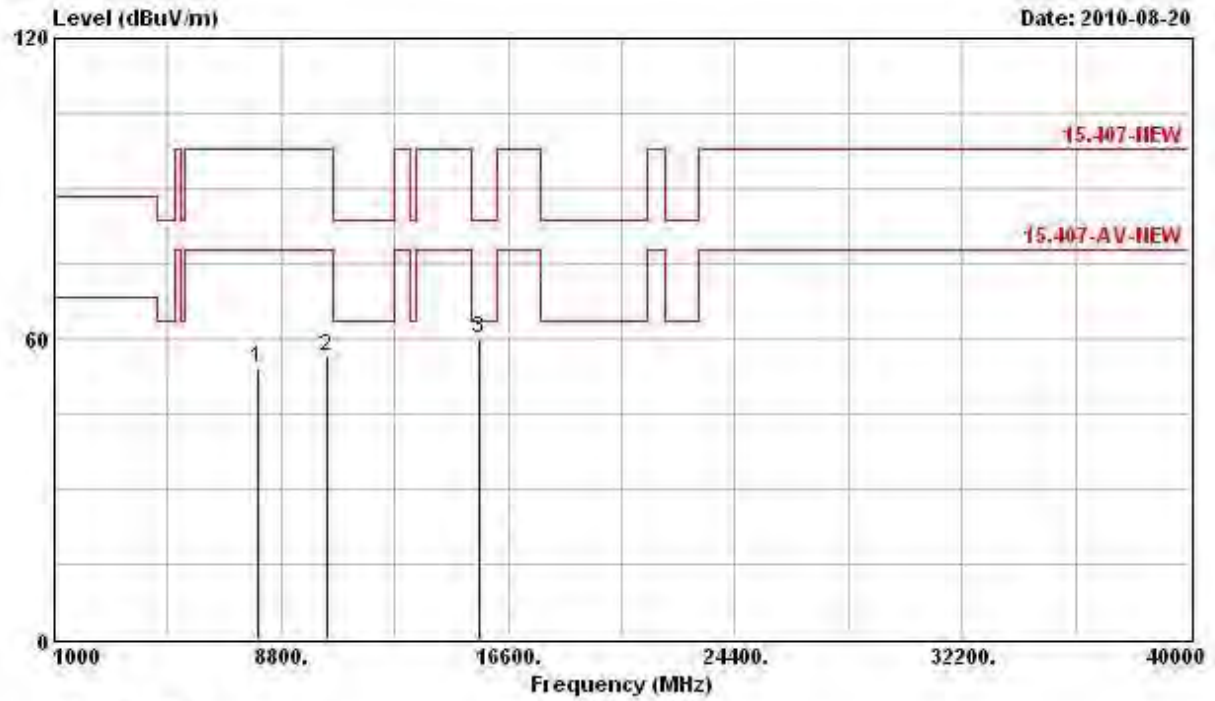
Final Test Date	Aug. 20, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 40 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8148.000	53.71	-24.13	77.84	43.68	37.77	5.32	33.05	---	---	PK
2	10400.000	55.15	-42.69	97.84	42.81	39.54	5.77	32.98	---	---	PEAK
3	15600.000	58.58	-4.96	63.54	45.41	38.33	7.33	32.50	---	---	PK

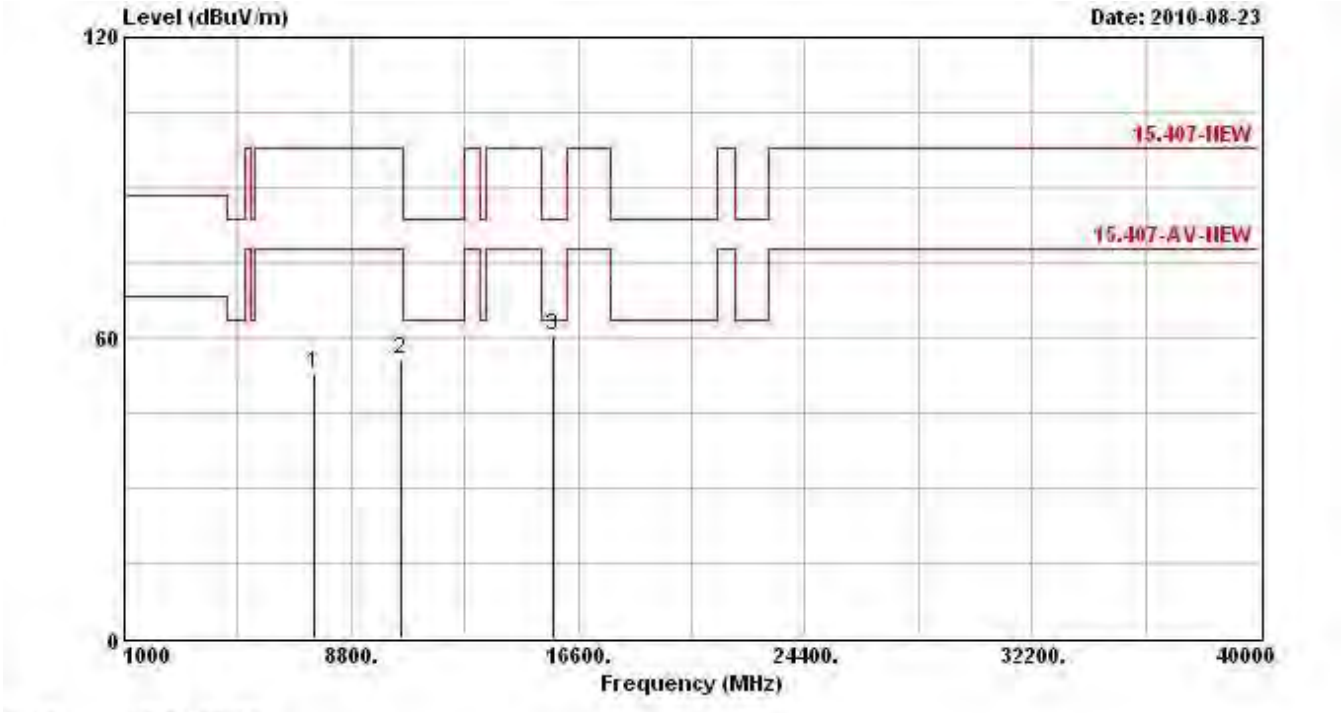
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7986.000	54.02	-43.82	97.84	44.21	37.58	5.27	33.05	---	---	PEAK
2	10400.000	56.27	-41.57	97.84	43.94	39.54	5.77	32.98	---	---	PEAK
3	15600.000	59.91	-3.63	63.54	46.74	38.33	7.33	32.50	---	---	PK

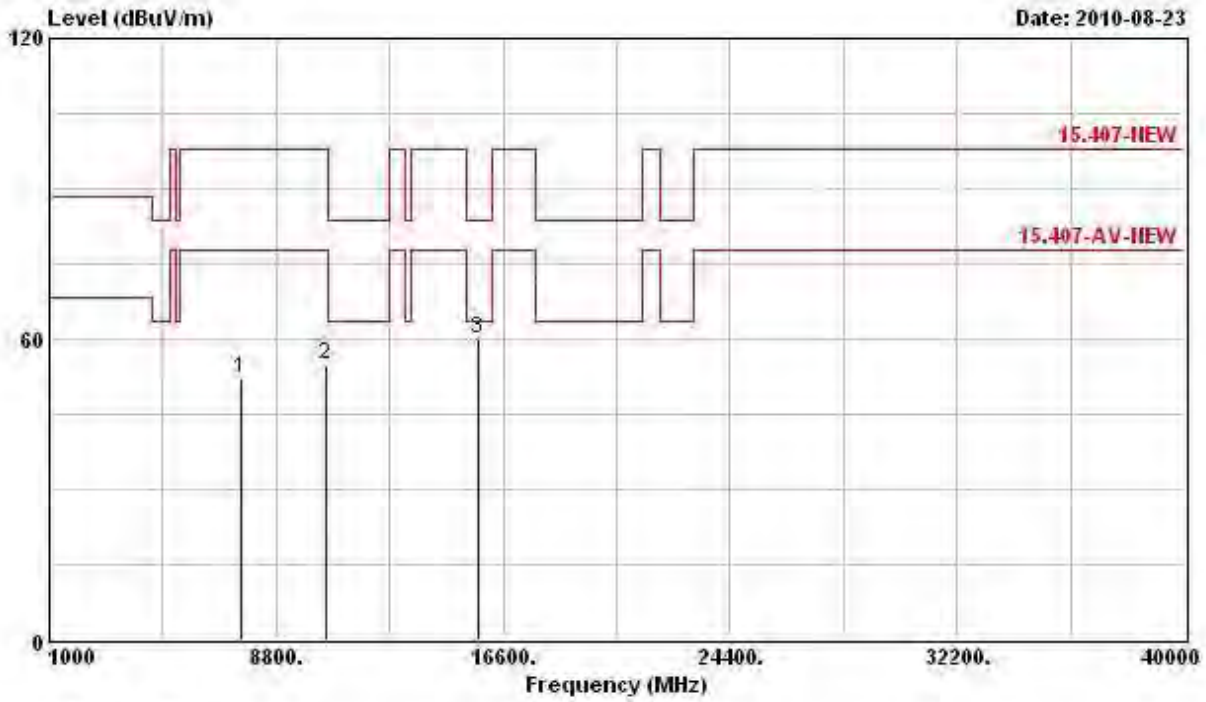
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 48 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7522.000	52.88	-24.96	77.84	43.91	37.04	4.89	32.96	---	---	PK
2	10480.000	55.60	-42.24	97.84	43.20	39.51	5.80	32.91	---	---	PEAK
3	15722.000	60.49	-3.05	63.54	47.48	38.14	7.42	32.54	---	---	PK

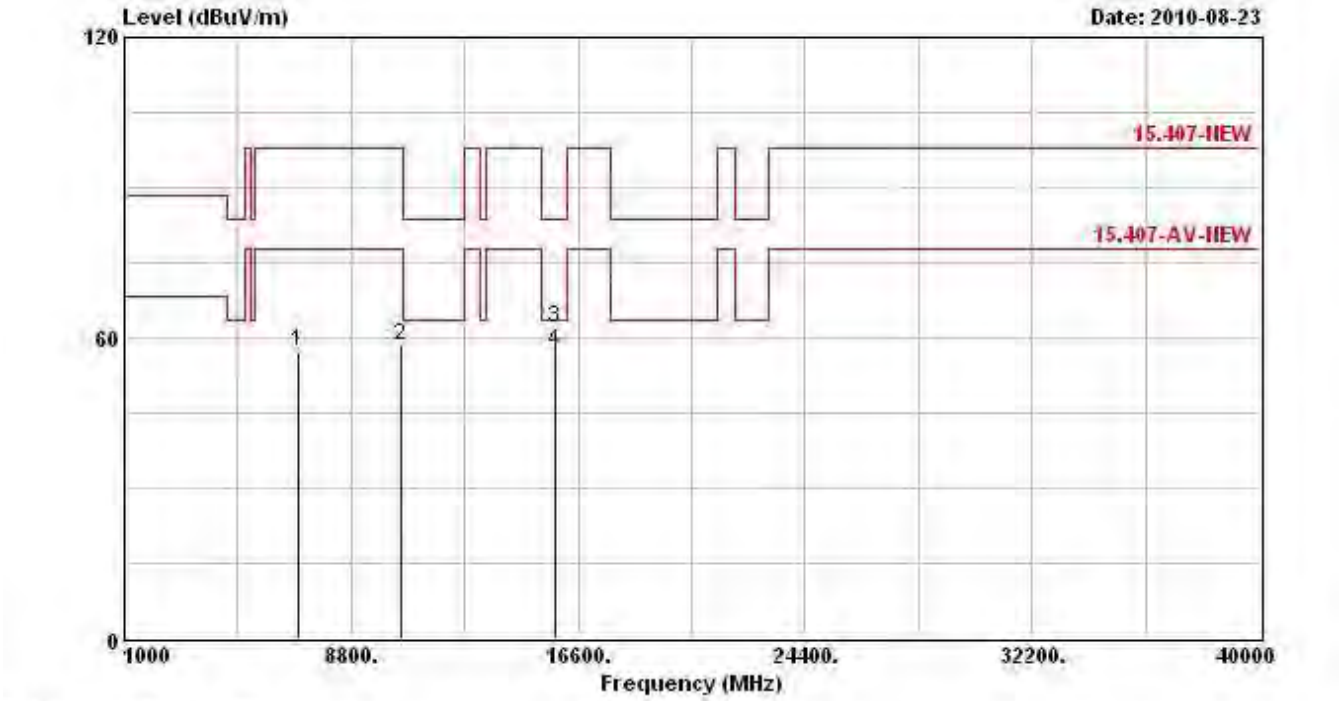
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7558.000	52.26	-25.58	77.84	43.22	37.08	4.93	32.97	---	---	PK
2	10480.000	54.77	-43.07	97.84	42.38	39.51	5.80	32.91	---	---	PEAK
3	15720.000	60.05	-3.49	63.54	47.04	38.14	7.42	32.54	---	---	PK

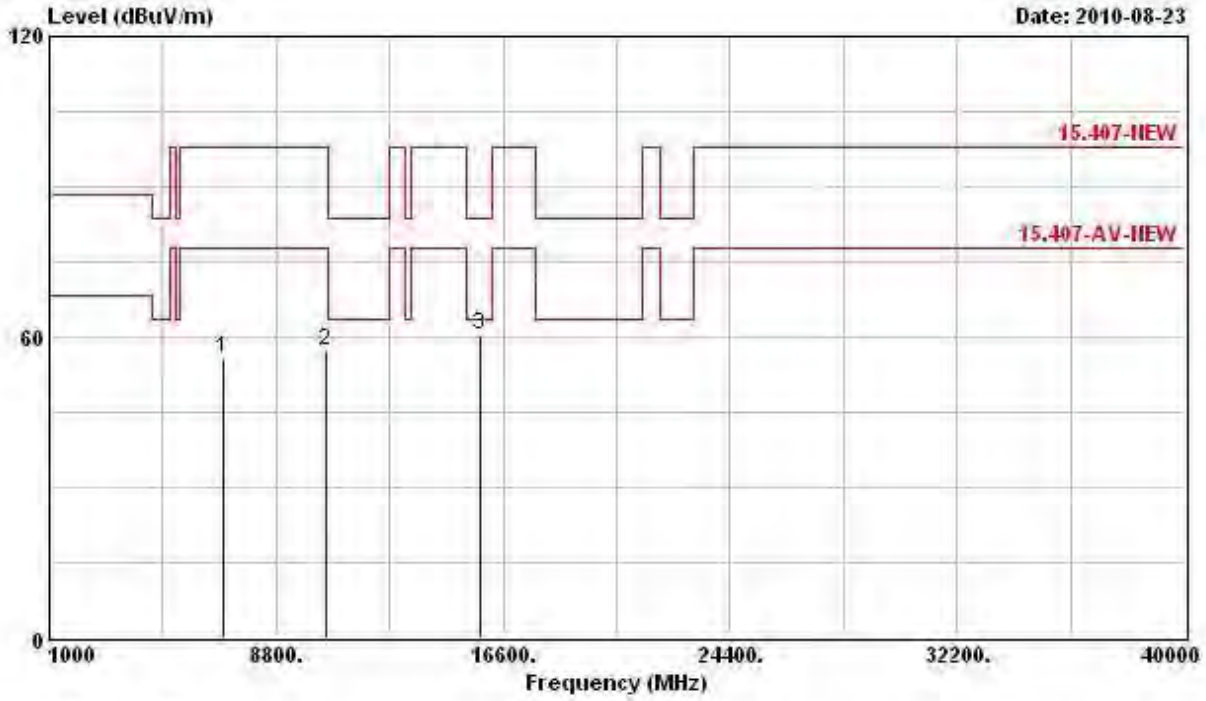
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 52 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7000.000	57.39	-40.45	97.84	49.85	36.10	4.26	32.81	---	---	PEAK
2	10520.000	58.45	-39.39	97.84	46.04	39.49	5.81	32.89	---	---	PEAK
3	15780.000	61.78	-21.76	83.54	48.85	38.06	7.44	32.57	---	---	PEAK
4	15780.000	57.08	-6.46	63.54	44.15	38.06	7.44	32.57	---	---	Average

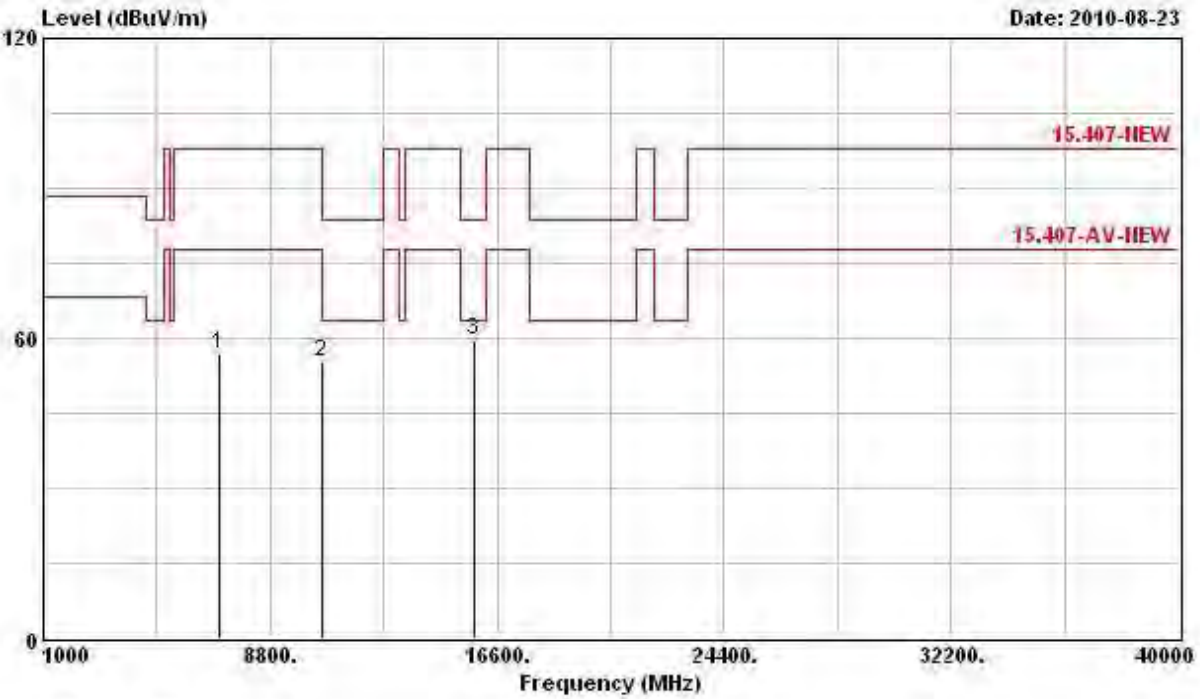
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7000.000	55.76	-42.08	97.84	48.21	36.10	4.26	32.81	---	---	PEAK
2	10520.000	57.38	-40.46	97.84	44.97	39.49	5.81	32.89	---	---	PEAK
3	15780.000	60.27	-3.27	63.54	47.34	38.06	7.44	32.57	---	---	PK

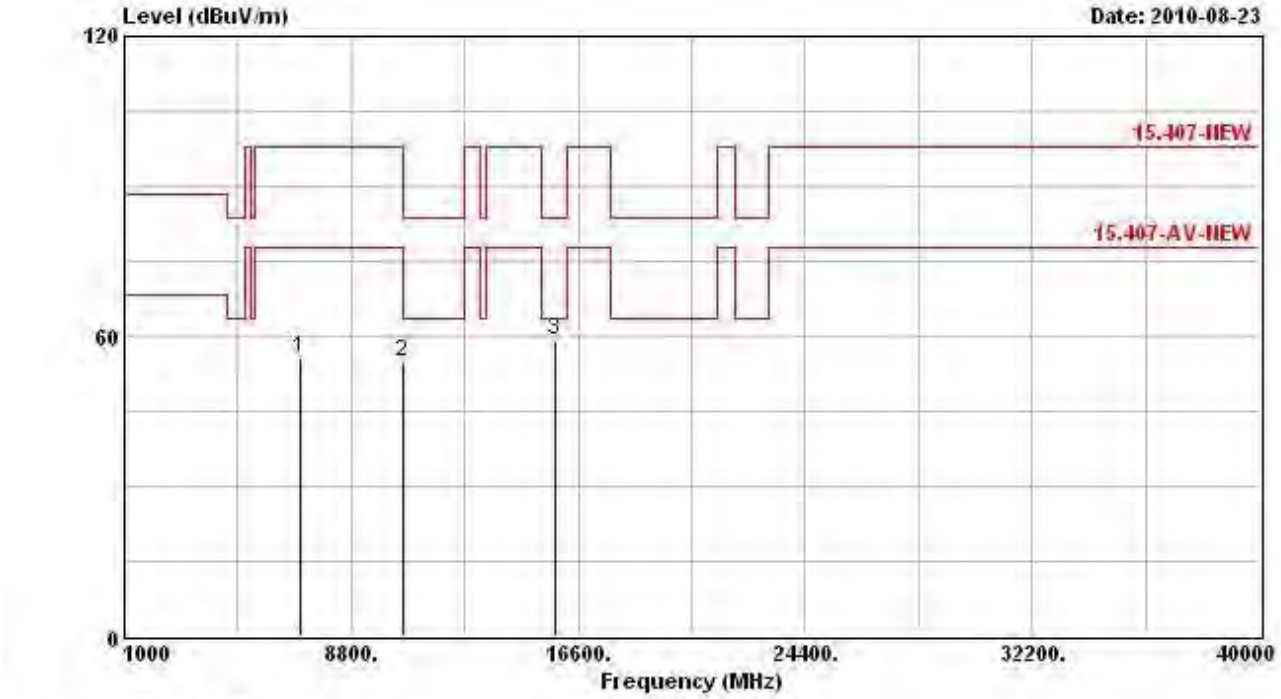
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 56 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7036.000	57.00	-40.84	97.84	49.35	36.16	4.31	32.83	---	---	PEAK
2	10560.000	55.20	-42.64	97.84	42.75	39.47	5.84	32.86	---	---	PEAK
3	15840.000	59.61	-3.93	63.54	46.75	37.95	7.50	32.59	---	---	PK

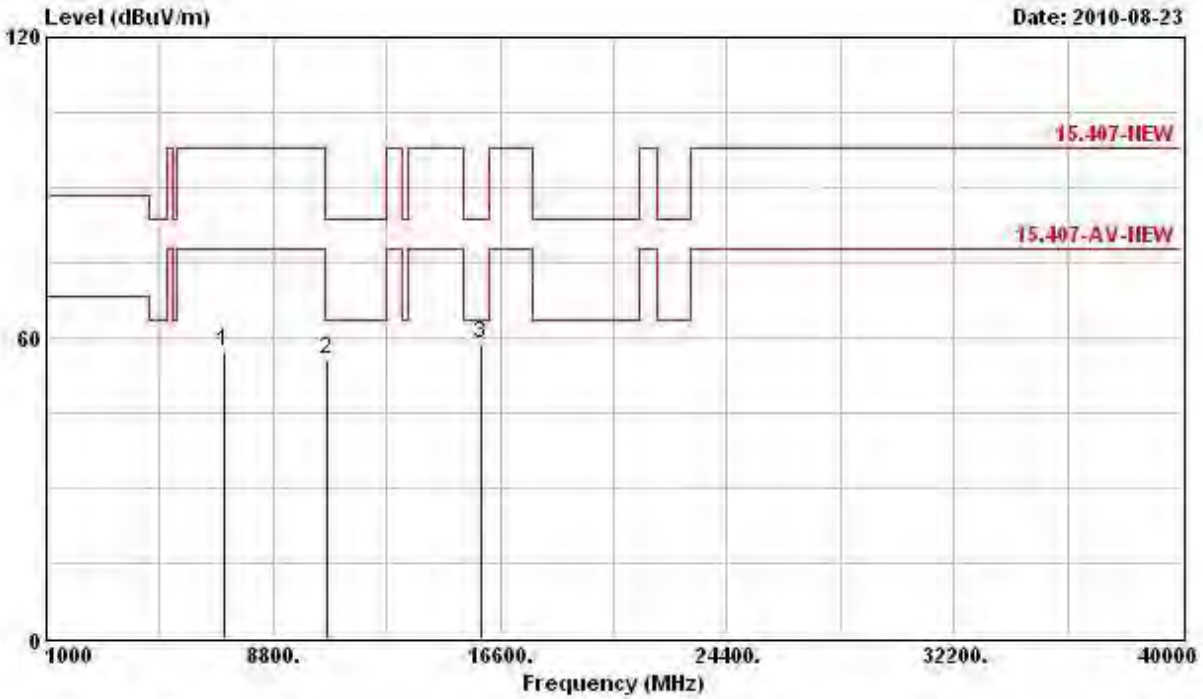
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7036.000	55.82	-42.02	97.84	48.17	36.16	4.31	32.83	---	---	PEAK
2	10560.000	54.75	-43.09	97.84	42.30	39.47	5.84	32.86	---	---	PEAK
3	15840.000	59.18	-4.36	63.54	46.32	37.95	7.50	32.59	---	---	PK

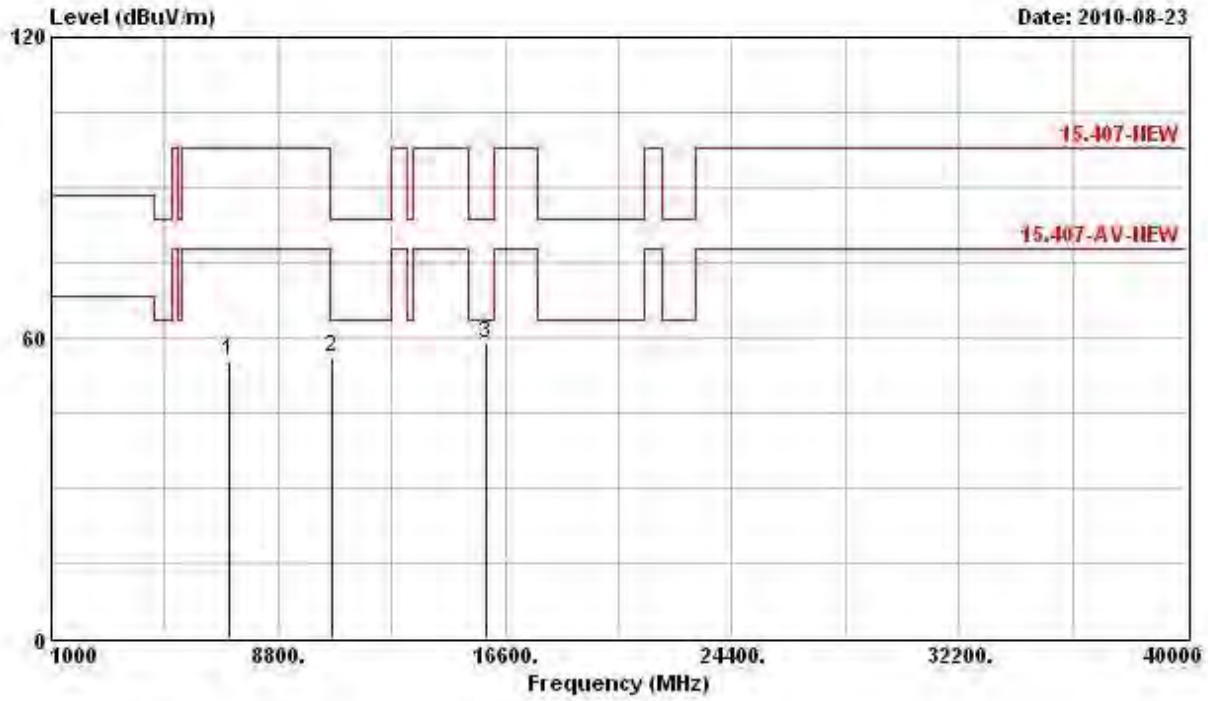
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 64 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7090.000	57.36	-40.48	97.84	49.59	36.26	4.36	32.84	---	---	PEAK
2	10640.000	55.85	-7.69	63.54	43.35	39.42	5.91	32.82	---	---	PK
3	15960.000	58.78	-4.76	63.54	46.08	37.76	7.58	32.64	---	---	PK

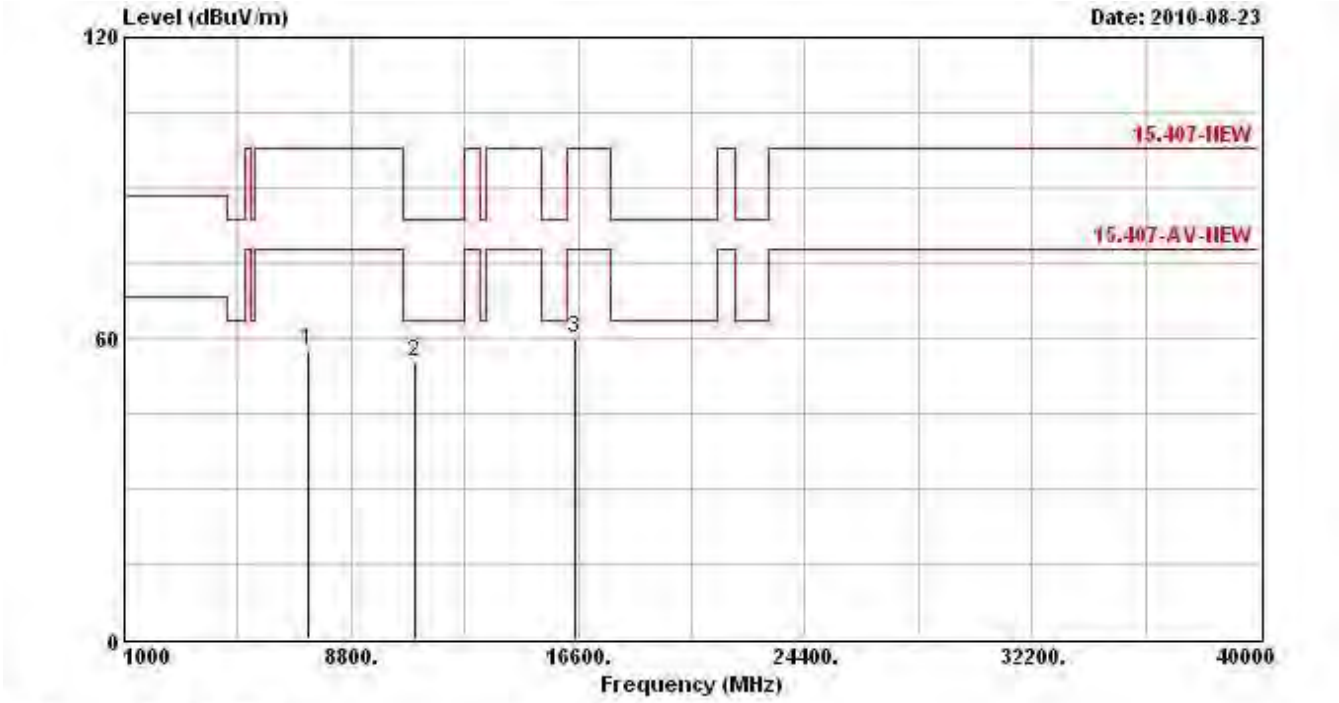
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7090.000	55.10	-42.74	97.84	47.33	36.26	4.36	32.84	---	---	PEAK
2	10644.000	56.01	-7.53	63.54	43.50	39.42	5.91	32.82	---	---	PK
3	15964.000	58.80	-4.74	63.54	46.11	37.76	7.58	32.64	---	---	PK

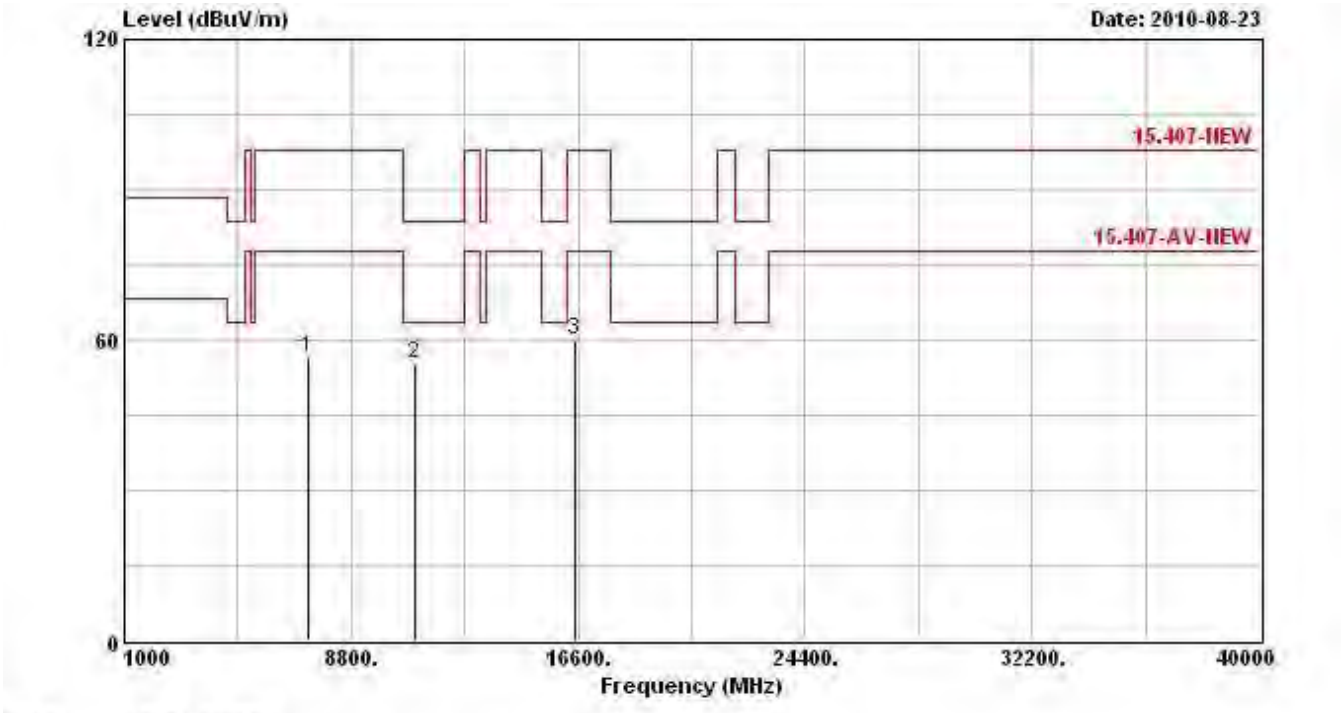
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 100 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7330.000	57.62	-20.22	77.84	49.14	36.69	4.70	32.91	---	---	PK
2	11010.000	55.36	-8.18	63.54	42.52	39.22	6.23	32.62	---	---	PK
3	16500.000	60.17	-37.67	97.84	46.33	38.50	7.60	32.26	---	---	PEAK

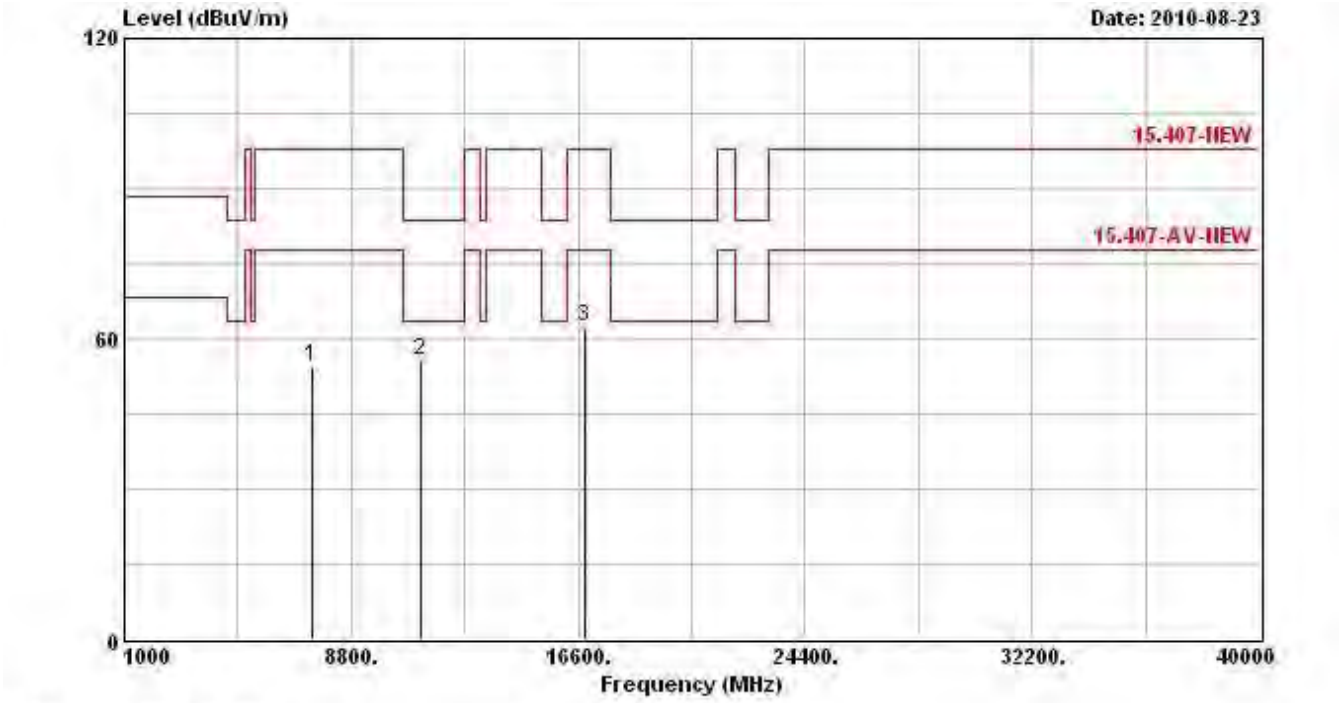
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7330.000	56.32	-21.52	77.84	47.84	36.69	4.70	32.91	---	---	PK
2	11010.000	55.17	-8.37	63.54	42.33	39.22	6.23	32.62	---	---	PK
3	16502.000	60.04	-37.80	97.84	46.20	38.50	7.60	32.26	---	---	PEAK

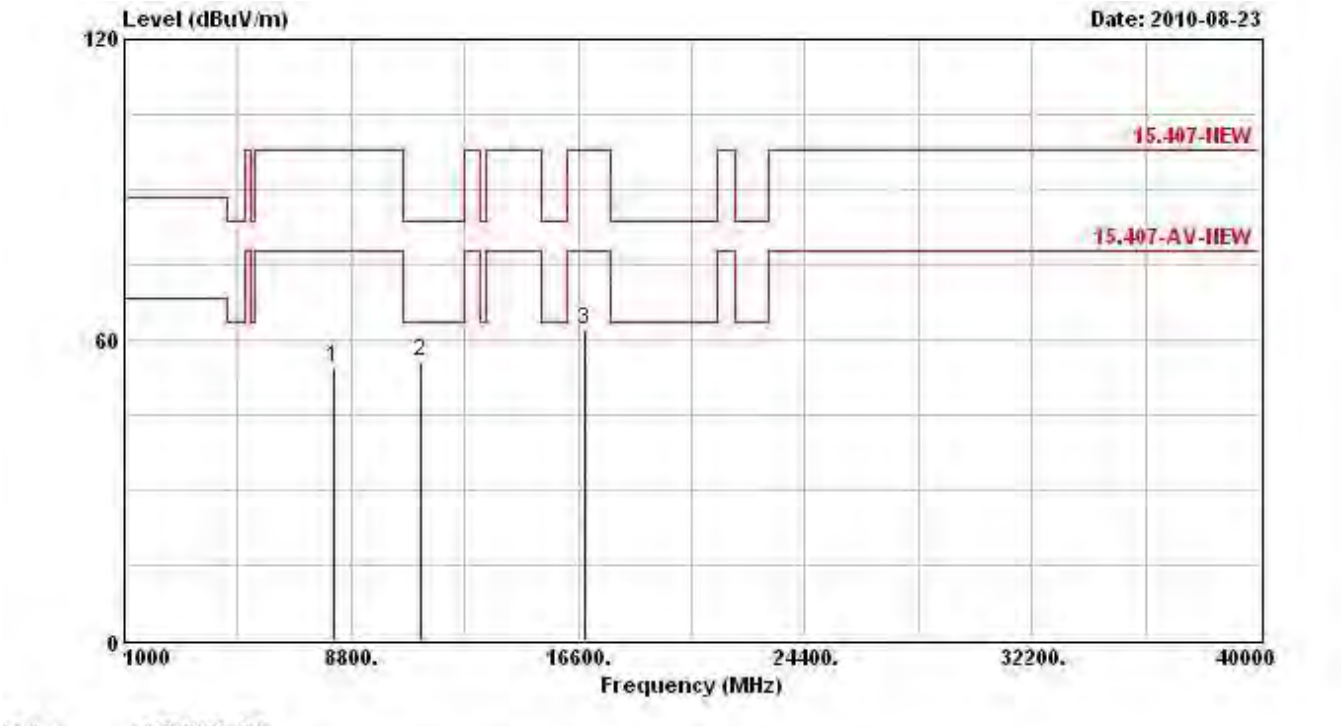
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 120 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	54.51	-23.33	77.84	45.68	36.94	4.85	32.95	---	---	PK
2	11196.000	55.80	-7.74	63.54	42.80	39.48	6.13	32.60	---	---	PK
3	16802.000	62.39	-35.45	97.84	46.52	40.24	7.49	31.86	---	---	PEAK

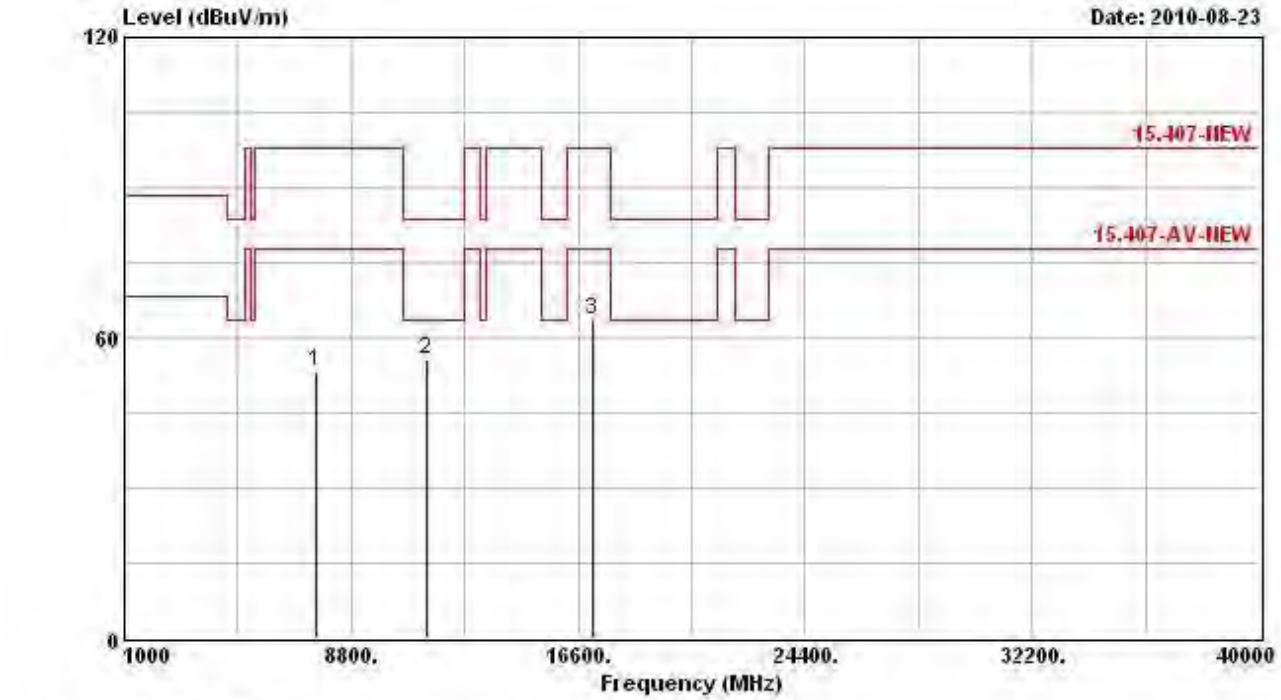
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8190.000	54.38	-23.46	77.84	44.27	37.83	5.33	33.05	---	---	PK
2	11200.000	55.83	-7.71	63.54	42.82	39.48	6.13	32.60	---	---	PK
3	16798.000	62.11	-35.73	97.84	46.34	40.14	7.49	31.86	---	---	PEAK

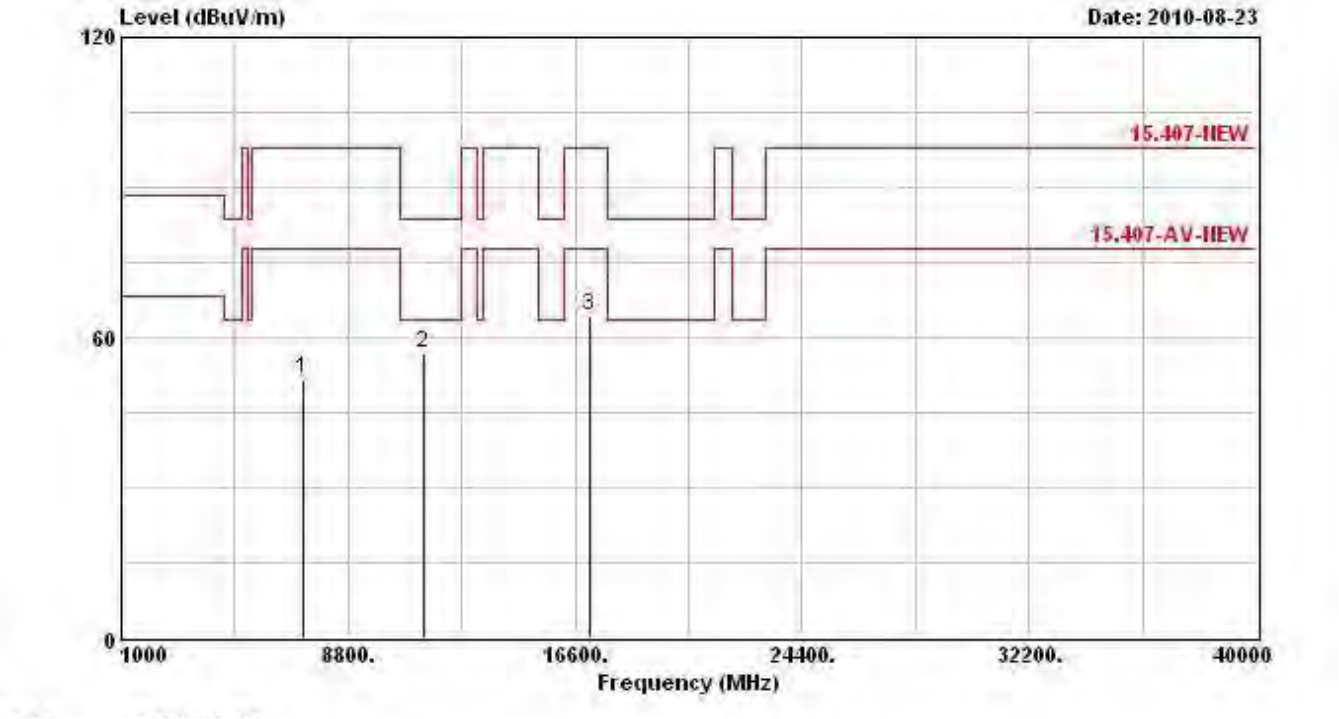
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 140 (20MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	53.18	-24.66	77.84	44.08	37.12	4.96	32.98	---	---	PK
2	11400.000	55.59	-7.95	63.54	42.39	39.76	6.03	32.59	---	---	PK
3	17098.000	63.62	-34.22	97.84	45.64	42.24	7.40	31.66	---	---	PEAK

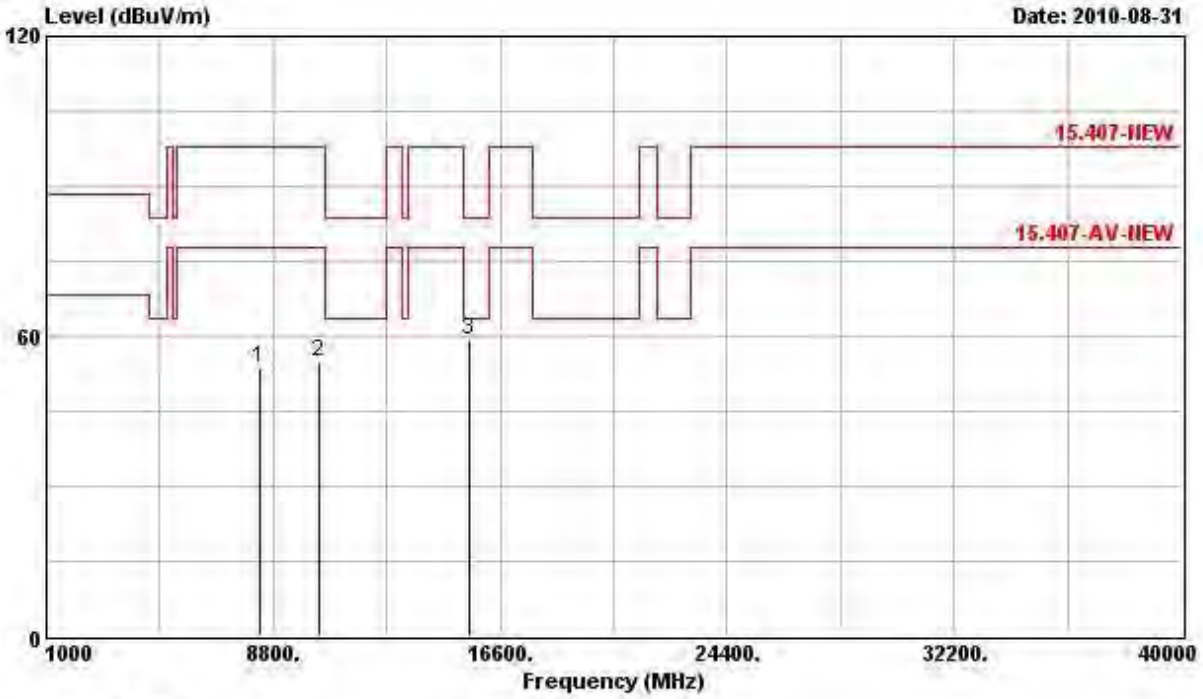
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7270.000	51.62	-26.22	77.84	43.31	36.60	4.60	32.89	---	---	PK
2	11396.000	56.84	-6.70	63.54	43.64	39.76	6.03	32.59	---	---	PK
3	17102.000	64.39	-33.45	97.84	46.42	42.24	7.40	31.66	---	---	PEAK

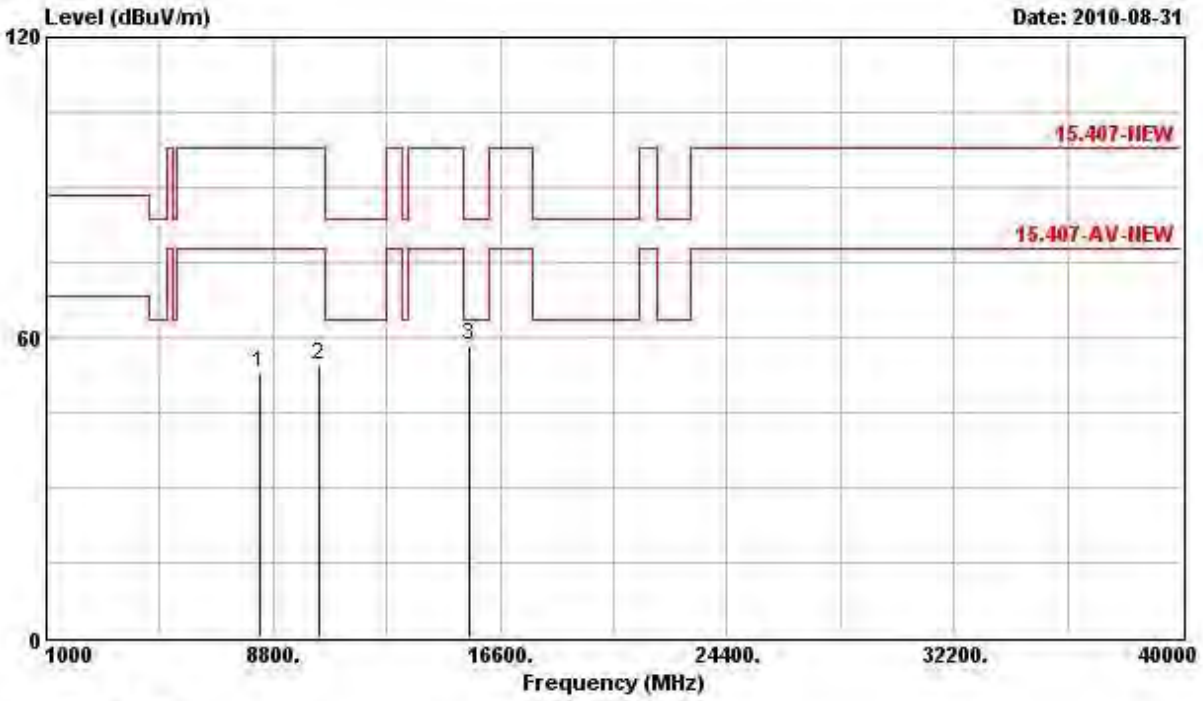
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 36 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8308.000	53.62	-24.22	77.84	43.35	37.97	5.34	33.05	---	---	PK
2	10360.000	54.77	-43.07	97.84	42.49	39.55	5.75	33.02	---	---	PEAK
3 @	15540.000	59.03	-4.51	63.54	45.78	38.44	7.28	32.47	---	---	PK

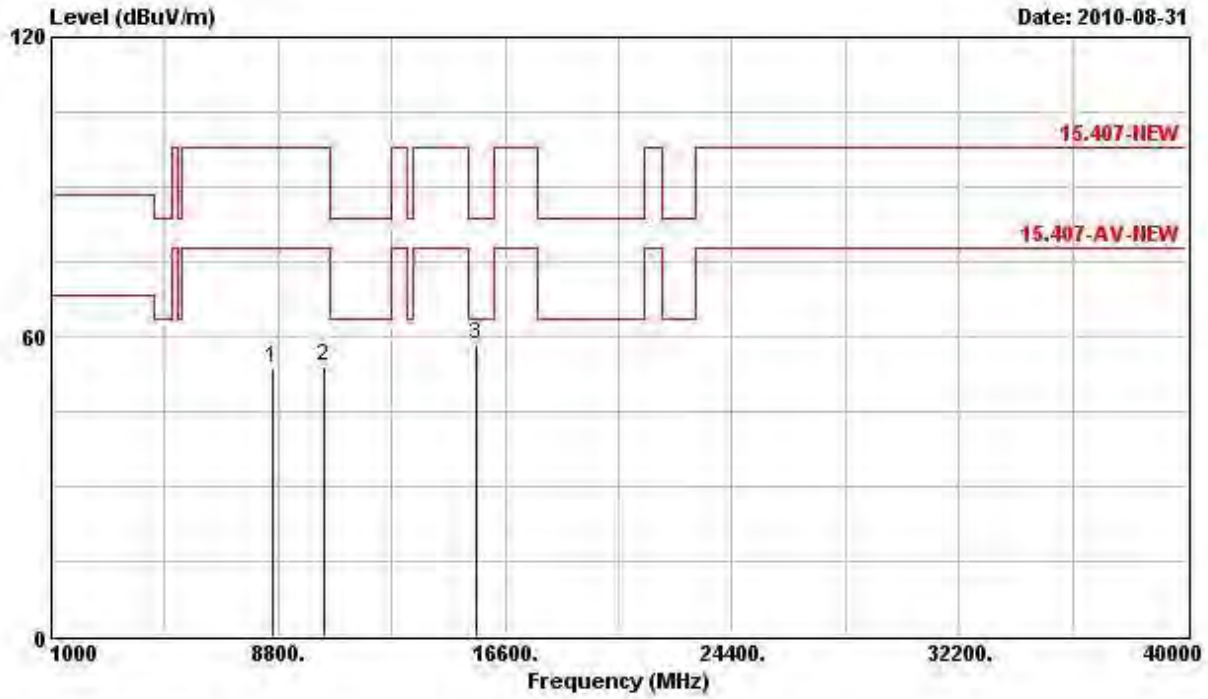
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8344.000	52.79	-25.05	77.84	42.48	38.01	5.35	33.05	---	---	PK
2	10360.000	54.34	-43.50	97.84	42.05	39.55	5.75	33.02	---	---	PEAK
3 @	15544.000	58.32	-5.22	63.54	45.09	38.42	7.28	32.47	---	---	PK

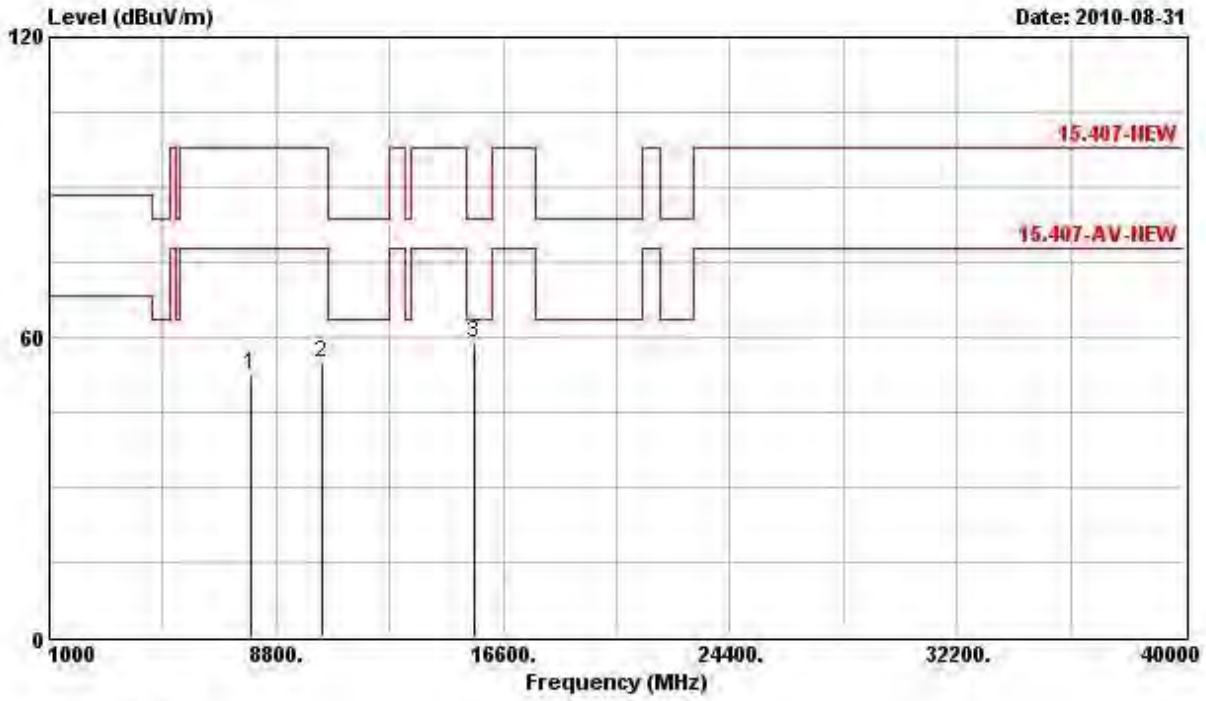
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 40 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8618.000	53.58	-44.26	97.84	43.08	38.29	5.30	33.09	---	---	PEAK
2	10400.000	54.13	-43.71	97.84	41.80	39.54	5.77	32.98	---	---	PEAK
3 @	15600.000	58.40	-5.14	63.54	45.23	38.33	7.33	32.50	---	---	PK

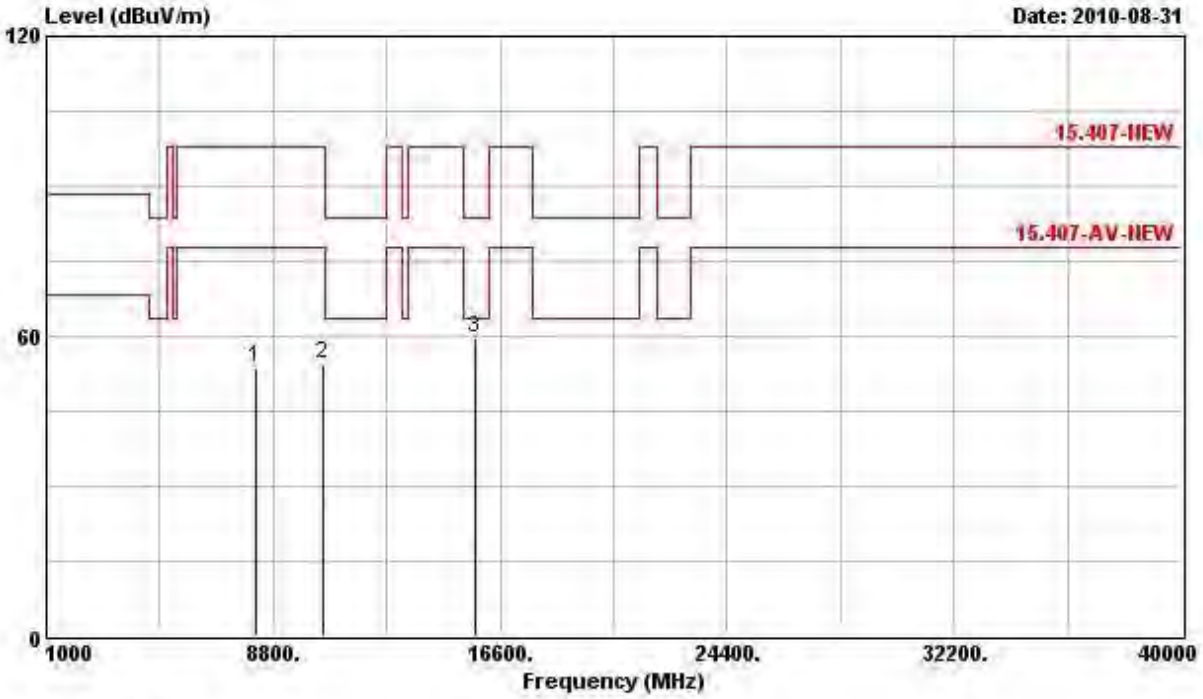
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7952.000	52.45	-45.39	97.84	42.71	37.54	5.24	33.04	---	---	PEAK
2	10400.000	54.98	-42.86	97.84	42.65	39.54	5.77	32.98	---	---	PEAK
3 @	15600.000	58.64	-4.90	63.54	45.47	38.33	7.33	32.50	---	---	PK

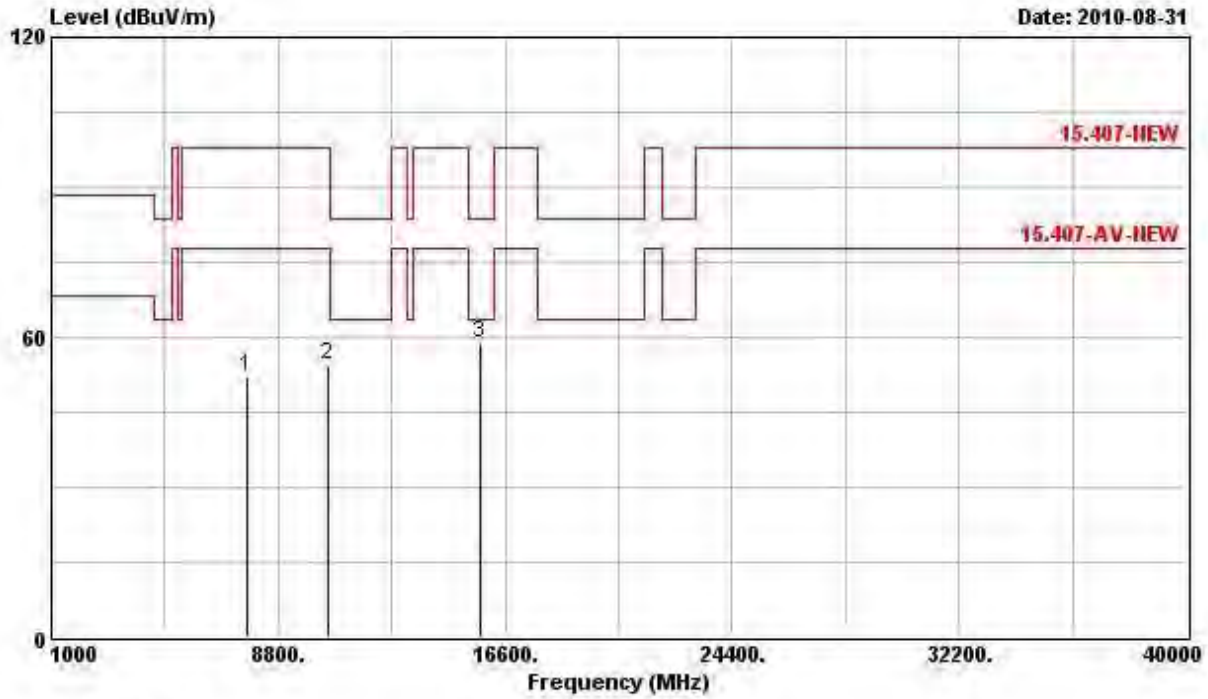
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 48 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8212.000	53.58	-24.26	77.84	43.45	37.85	5.33	33.05	---	---	PK
2	10480.000	54.41	-43.43	97.84	42.01	39.51	5.80	32.91	---	---	PEAK
3 @	15724.000	59.51	-4.03	63.54	46.49	38.14	7.42	32.54	---	---	PK

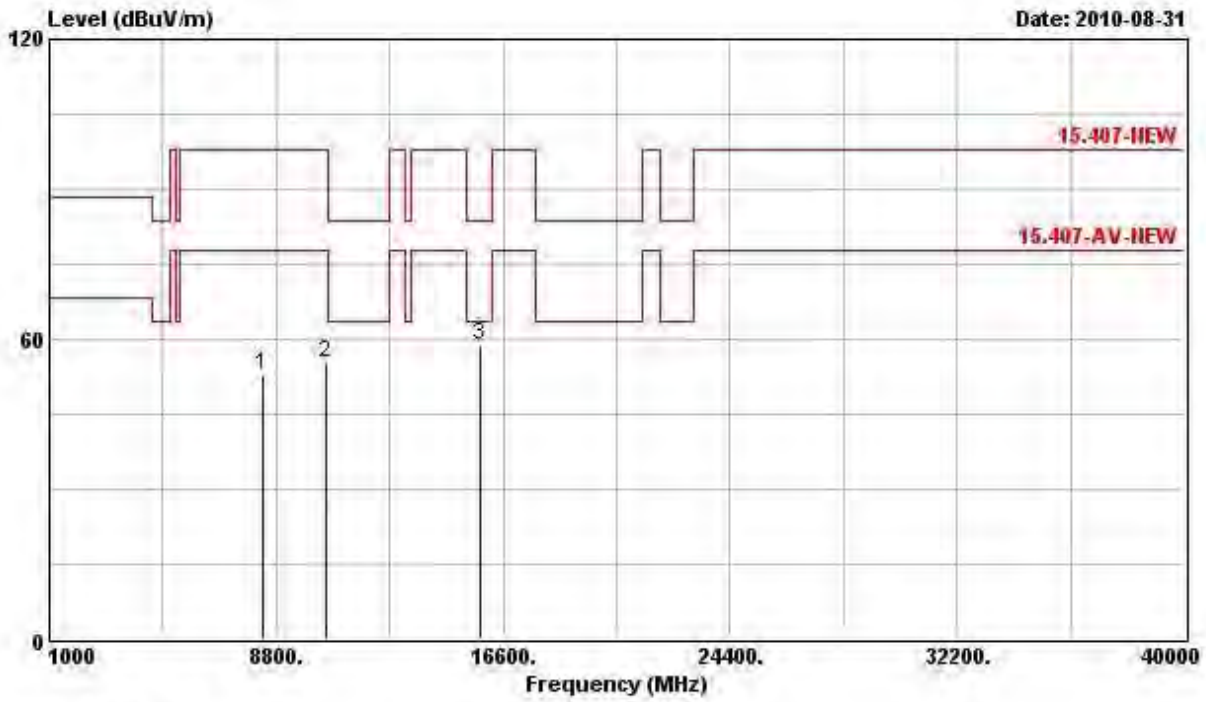
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7744.000	52.27	-45.57	97.84	42.89	37.30	5.08	33.00	---	---	PEAK
2	10480.000	54.32	-43.52	97.84	41.93	39.51	5.80	32.91	---	---	PEAK
3 @	15724.000	58.70	-4.84	63.54	45.68	38.14	7.42	32.54	---	---	PK

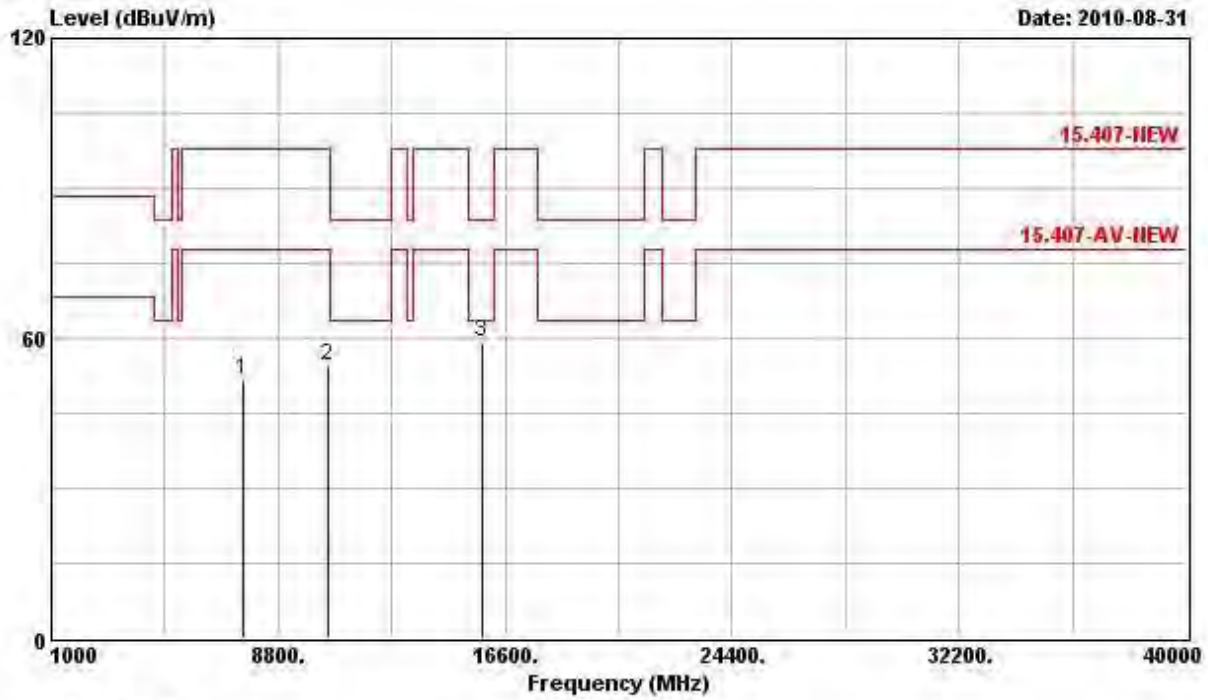
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 52 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8306.000	52.86	-24.98	77.84	42.60	37.97	5.34	33.05	---	---	PK
2	10520.000	55.09	-42.75	97.84	42.67	39.49	5.81	32.89	---	---	PEAK
3 @	15784.000	58.95	-4.59	63.54	46.05	38.03	7.44	32.57	---	---	PK

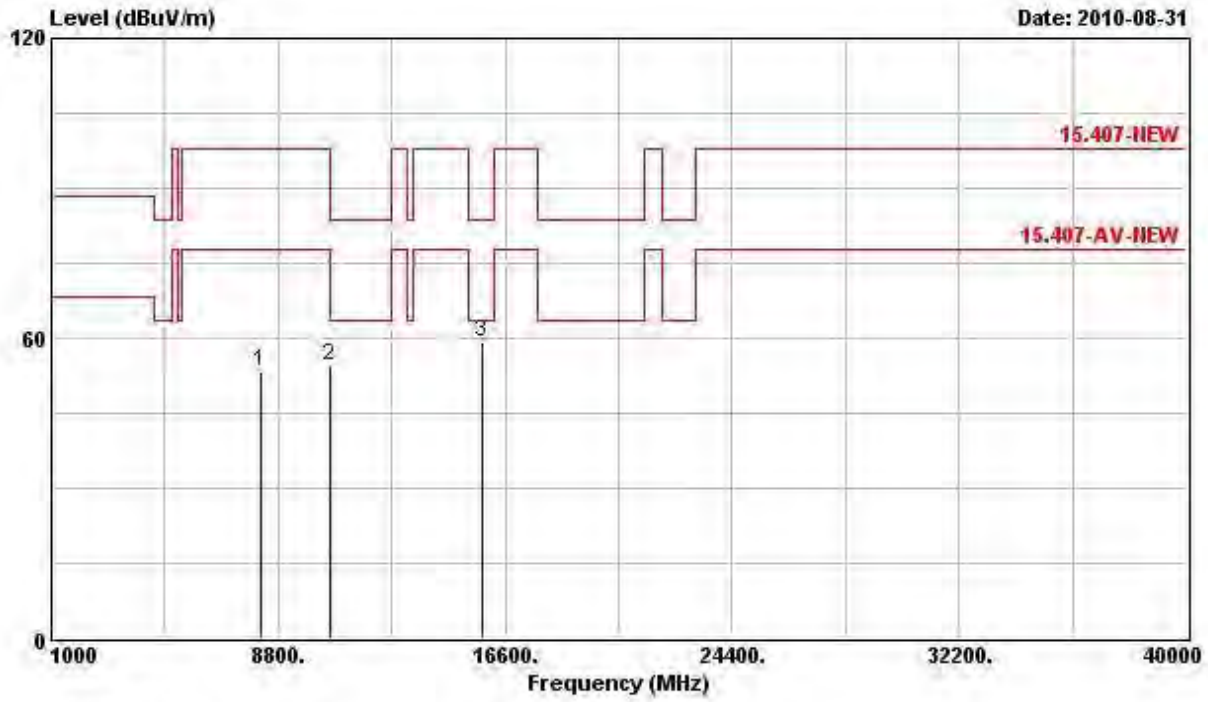
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7568.000	51.82	-26.02	77.84	42.76	37.08	4.96	32.97	---	---	Average
2	10520.000	54.33	-43.51	97.84	41.92	39.49	5.81	32.89	---	---	PEAK
3 @	15780.000	59.10	-4.44	63.54	46.17	38.06	7.44	32.57	---	---	PK

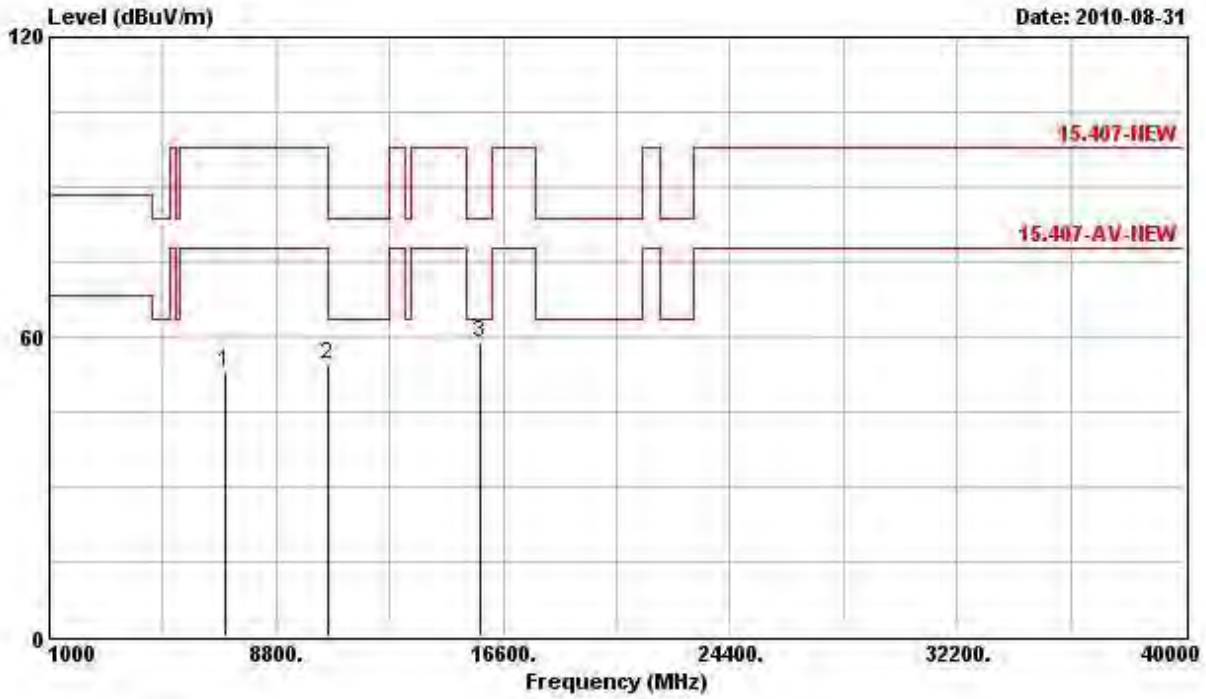
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 56 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8184.000	53.15	-24.69	77.84	43.05	37.83	5.32	33.05	---	---	PK
2	10560.000	54.49	-43.35	97.84	42.04	39.47	5.84	32.86	---	---	PEAK
3 @	15840.000	59.11	-4.43	63.54	46.25	37.95	7.50	32.59	---	---	PK

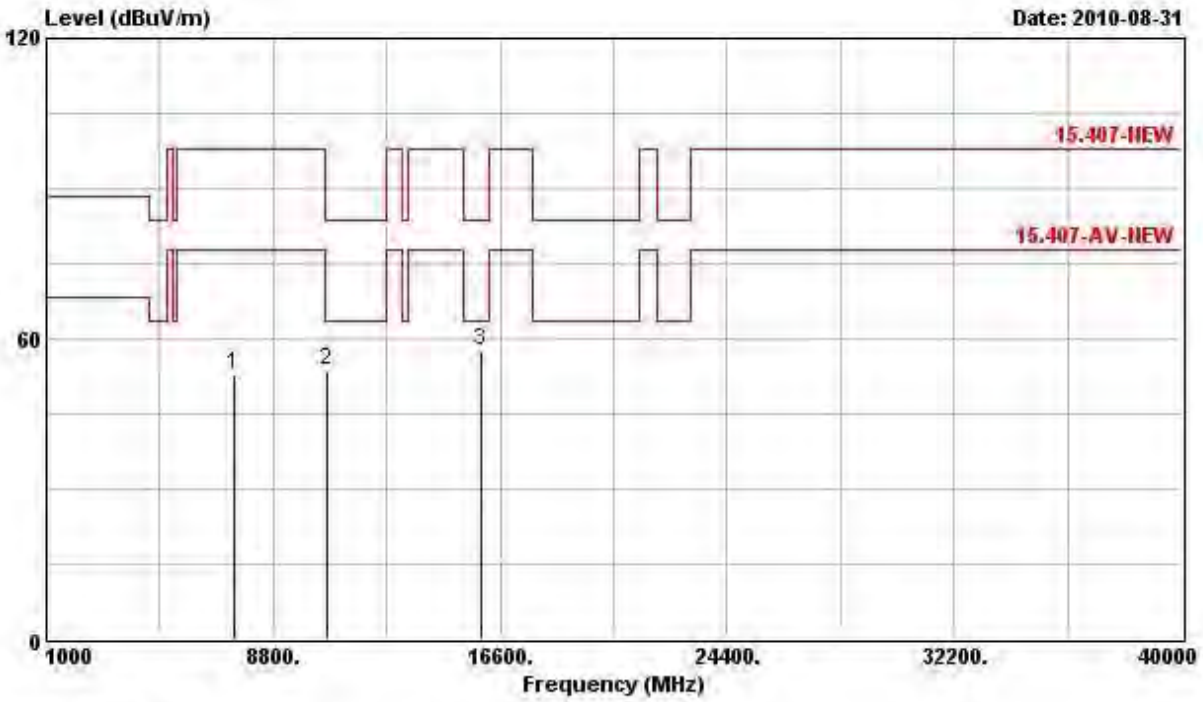
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7032.000	52.91	-44.93	97.84	45.26	36.16	4.31	32.83	---	---	PEAK
2	10560.000	54.39	-43.45	97.84	41.94	39.47	5.84	32.86	---	---	PEAK
3 @	15844.000	58.65	-4.89	63.54	45.79	37.95	7.50	32.59	---	---	PK

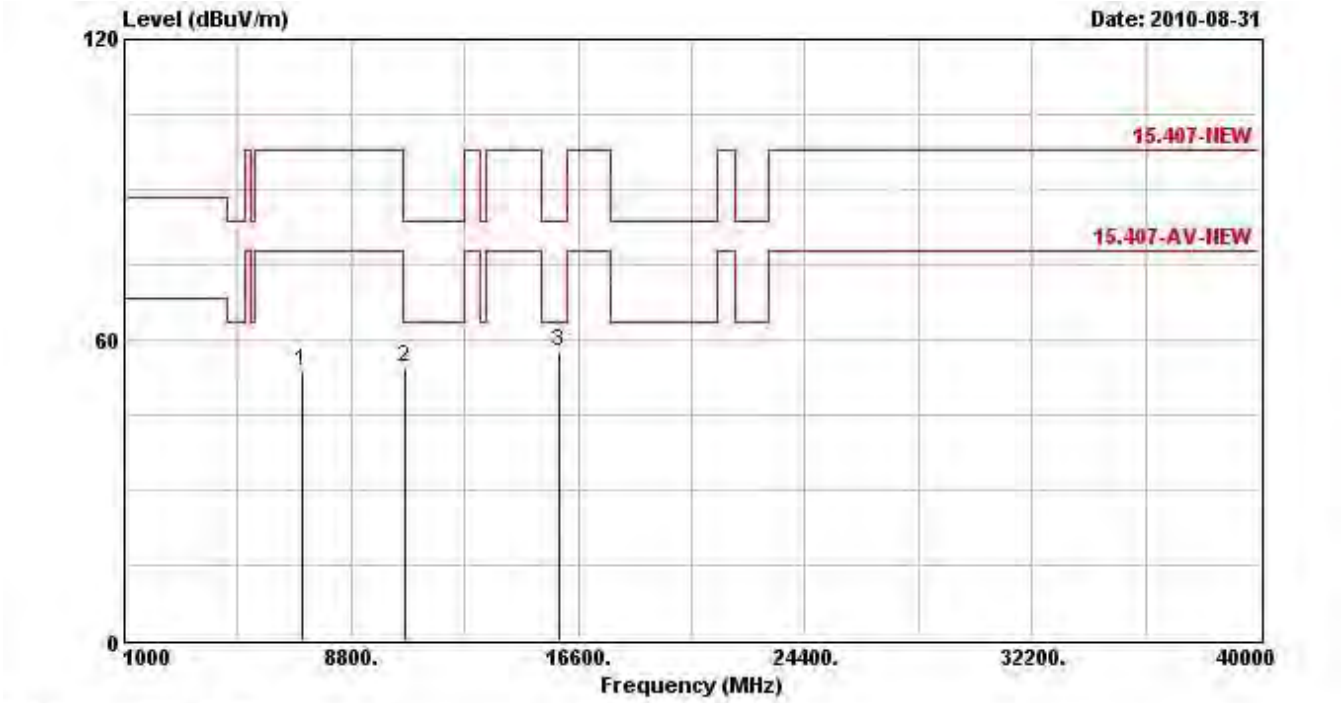
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 64 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7454.000	53.02	-24.82	77.84	44.19	36.94	4.85	32.95	---	---	PK
2	10640.000	53.61	-9.93	63.54	41.11	39.42	5.91	32.82	---	---	PK
3 @	15964.000	57.58	-5.96	63.54	44.88	37.76	7.58	32.64	---	---	PK

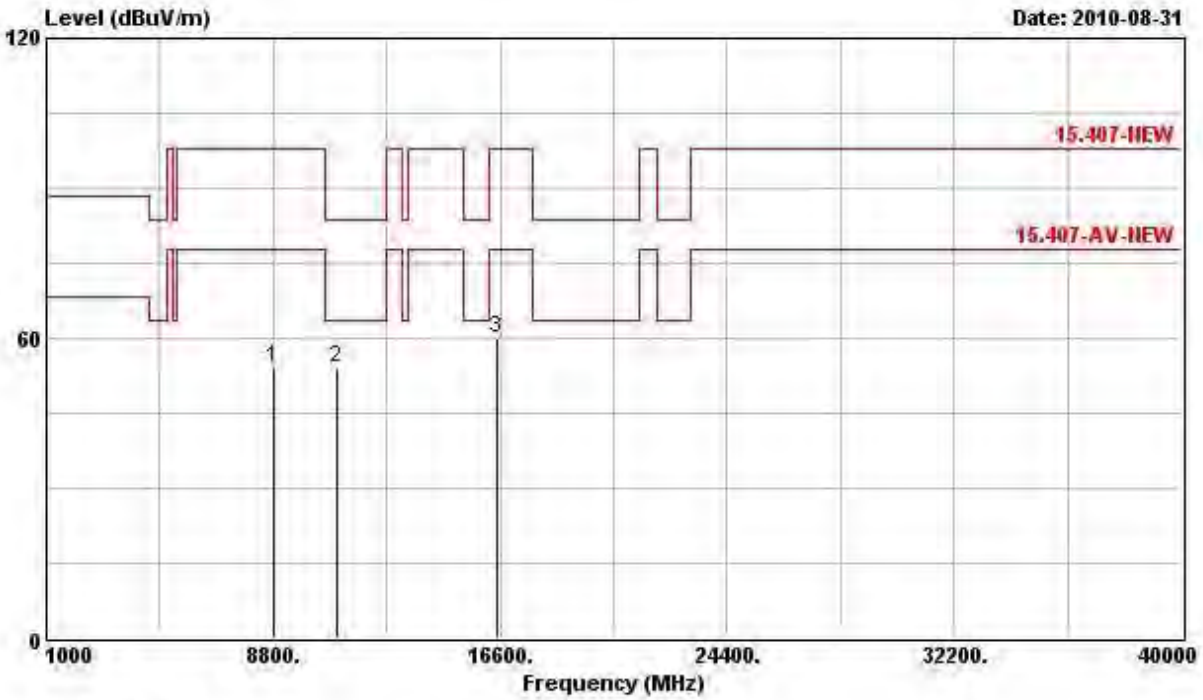
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7094.000	53.78	-44.06	97.84	46.01	36.26	4.36	32.84	---	---	PEAK
2 @	10644.000	54.34	-9.20	63.54	41.83	39.42	5.91	32.82	---	---	PK
3 @	15964.000	57.49	-6.05	63.54	44.79	37.76	7.58	32.64	---	---	PK

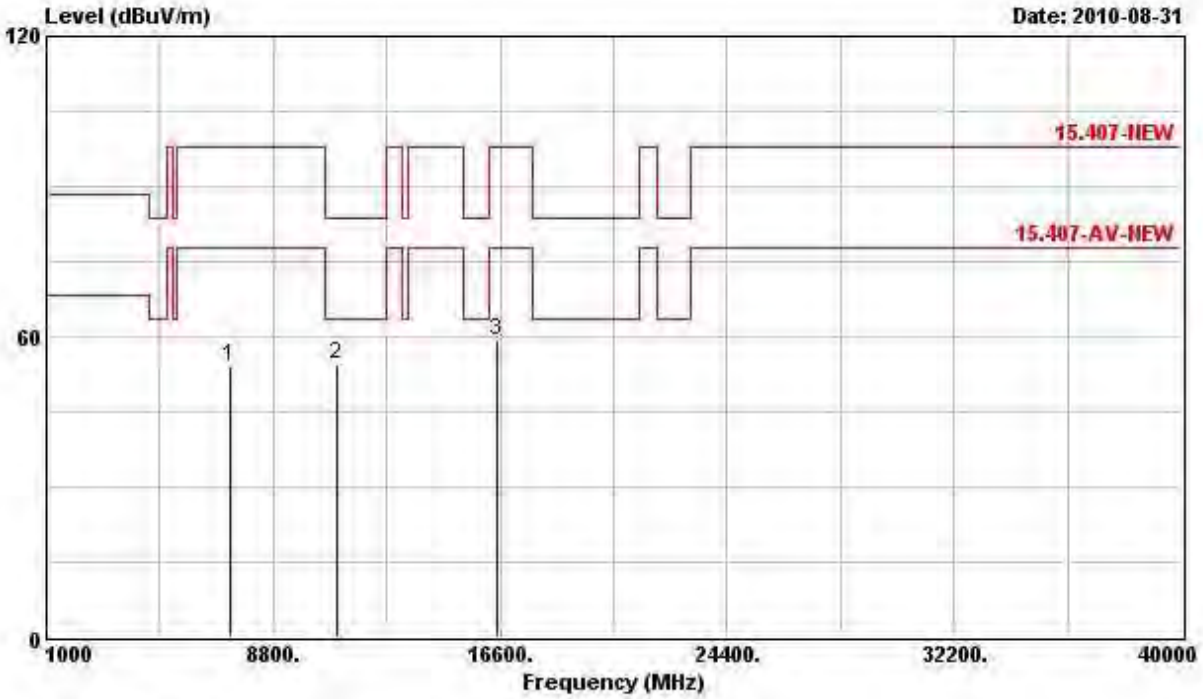
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 100 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8836.000	54.06	-43.78	97.84	43.56	38.47	5.19	33.16	---	---	PEAK
2 @	11004.000	53.97	-9.57	63.54	41.16	39.20	6.23	32.62	---	---	PK
3	16500.000	59.91	-37.93	97.84	46.07	38.50	7.60	32.26	---	---	PEAK

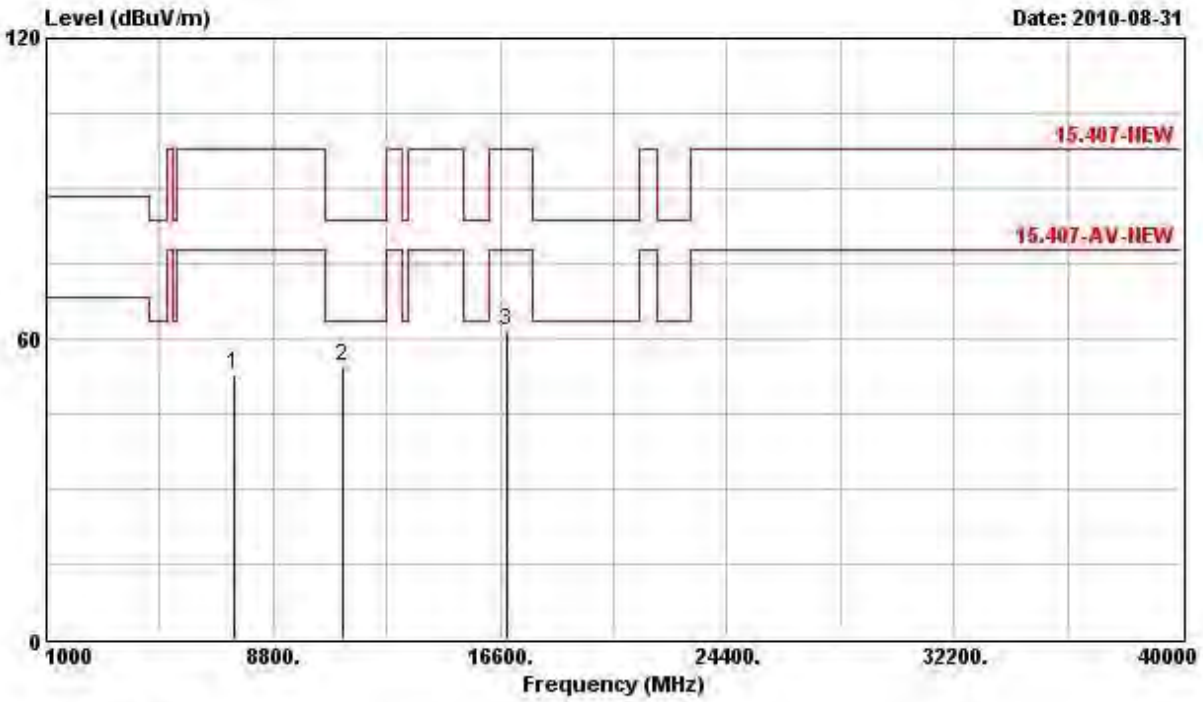
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7320.000	53.93	-23.91	77.84	45.49	36.69	4.65	32.91	---	---	PK
2 @	11000.000	54.31	-9.23	63.54	41.50	39.20	6.23	32.62	---	---	PK
3	16500.000	59.11	-38.73	97.84	45.26	38.50	7.60	32.26	---	---	PEAK

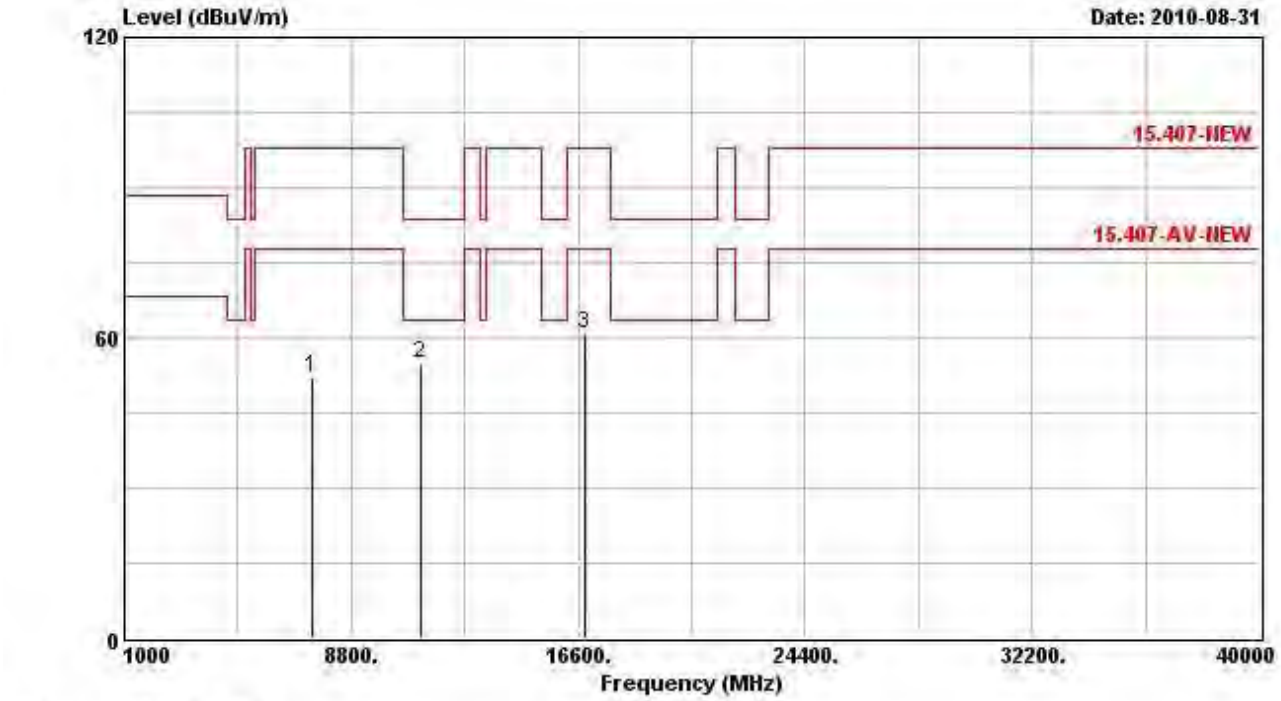
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 120 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7464.000	52.92	-24.92	77.84	44.08	36.94	4.85	32.95	---	---	PK
2 @	11196.000	54.50	-9.04	63.54	41.50	39.48	6.13	32.60	---	---	PK
3	16798.000	61.71	-36.13	97.84	45.94	40.14	7.49	31.86	---	---	PEAK

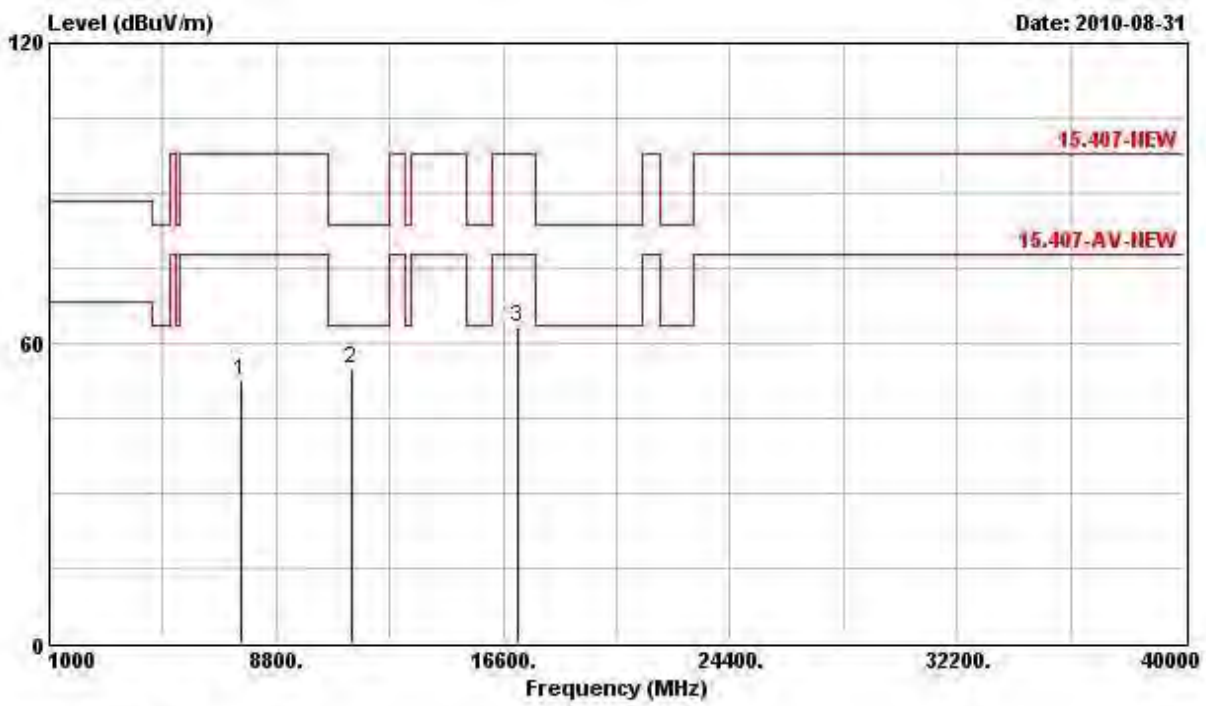
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	52.28	-25.56	77.84	43.44	36.94	4.85	32.95	---	---	PK
2 @	11204.000	54.92	-8.62	63.54	41.92	39.48	6.13	32.60	---	---	PK
3	16800.000	60.78	-37.06	97.84	45.01	40.14	7.49	31.86	---	---	PEAK

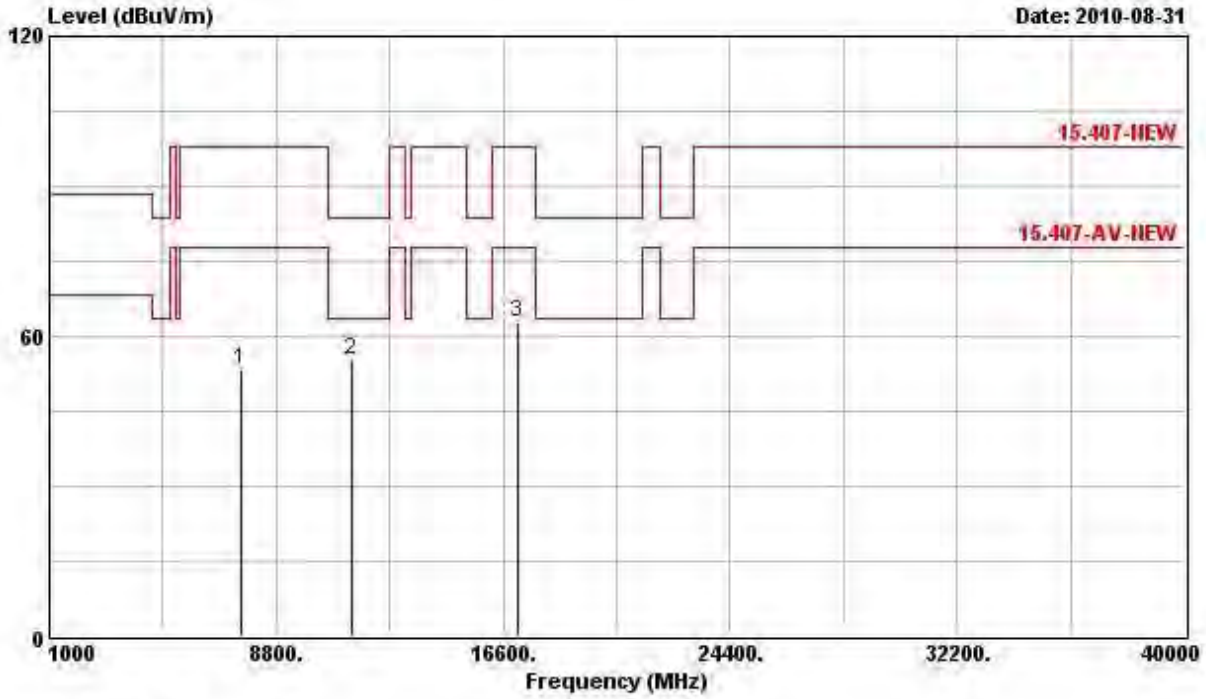
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 140 (20MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	52.66	-25.18	77.84	43.56	37.12	4.96	32.98	---	---	PK
2 @	11404.000	54.83	-8.71	63.54	41.63	39.76	6.03	32.59	---	---	PK
3	17102.000	62.99	-34.85	97.84	45.01	42.24	7.40	31.66	---	---	PEAK

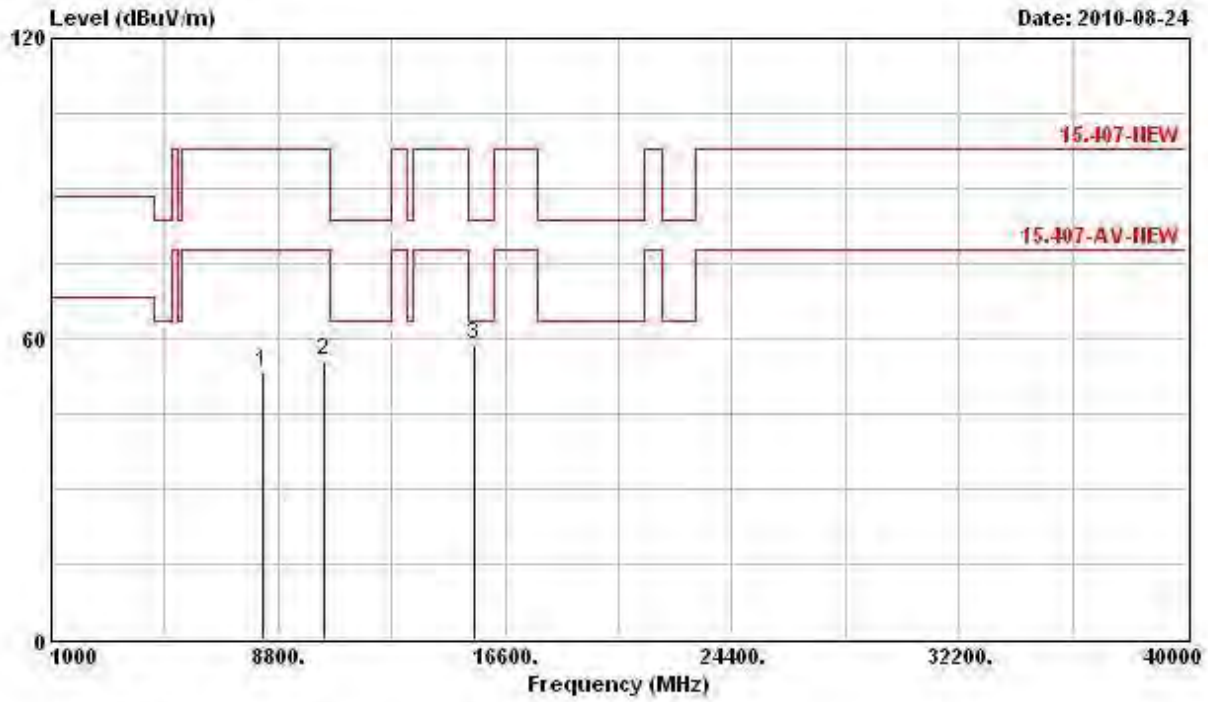
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	53.25	-24.59	77.84	44.15	37.12	4.96	32.98	---	---	PK
2 @	11404.000	55.41	-8.13	63.54	42.21	39.76	6.03	32.59	---	---	PK
3	17098.000	62.64	-35.20	97.84	44.66	42.24	7.40	31.66	---	---	PEAK

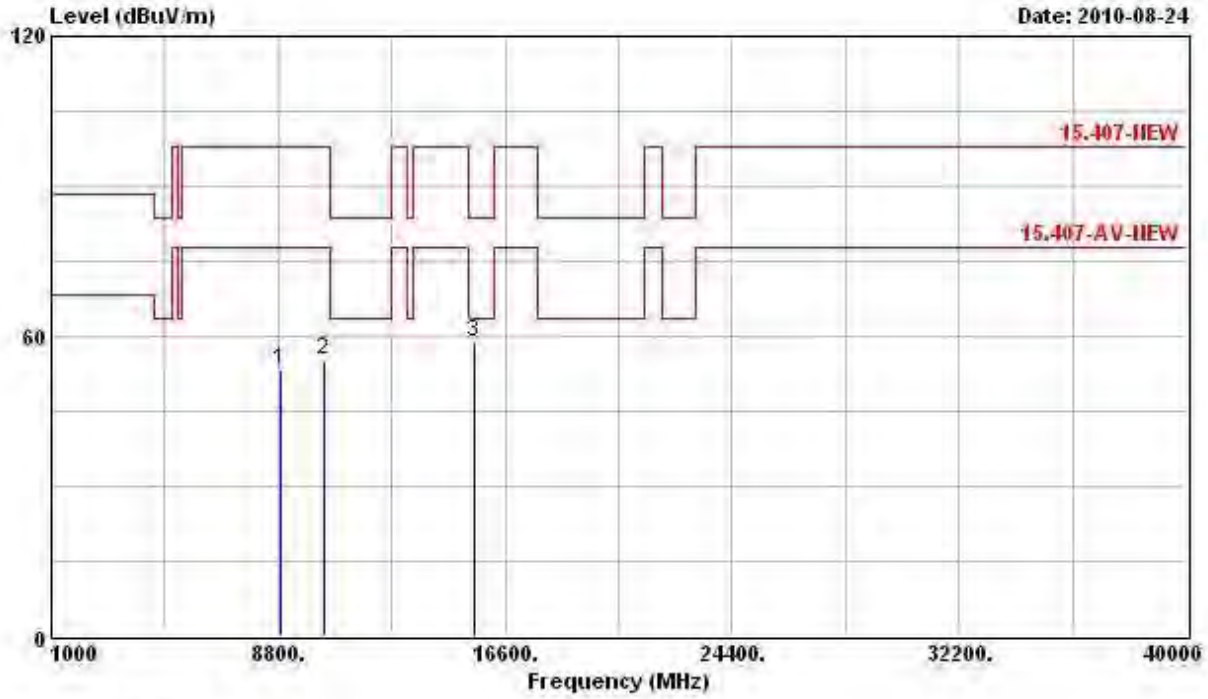
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 36 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8290.000	53.19	-24.65	77.84	42.95	37.95	5.34	33.05	---	---	PK
2	10360.000	55.85	-41.99	97.84	43.56	39.55	5.75	33.02	---	---	PEAK
3	15540.000	58.89	-4.65	63.54	45.64	38.44	7.28	32.47	---	---	PK

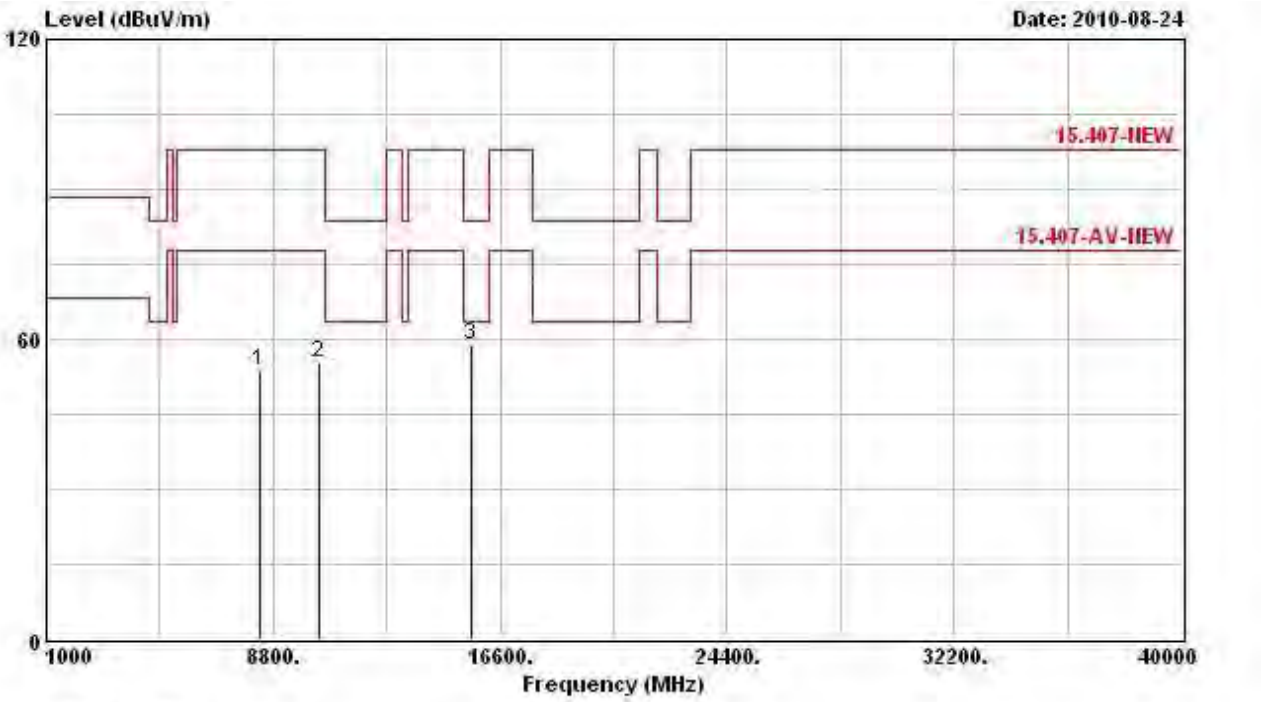
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8848.000	53.48	-44.36	97.84	42.97	38.48	5.19	33.17	---	---	PEAK
2	10360.000	55.13	-42.71	97.84	42.84	39.55	5.75	33.02	---	---	PEAK
3	15540.000	58.88	-4.66	63.54	45.63	38.44	7.28	32.47	---	---	PK

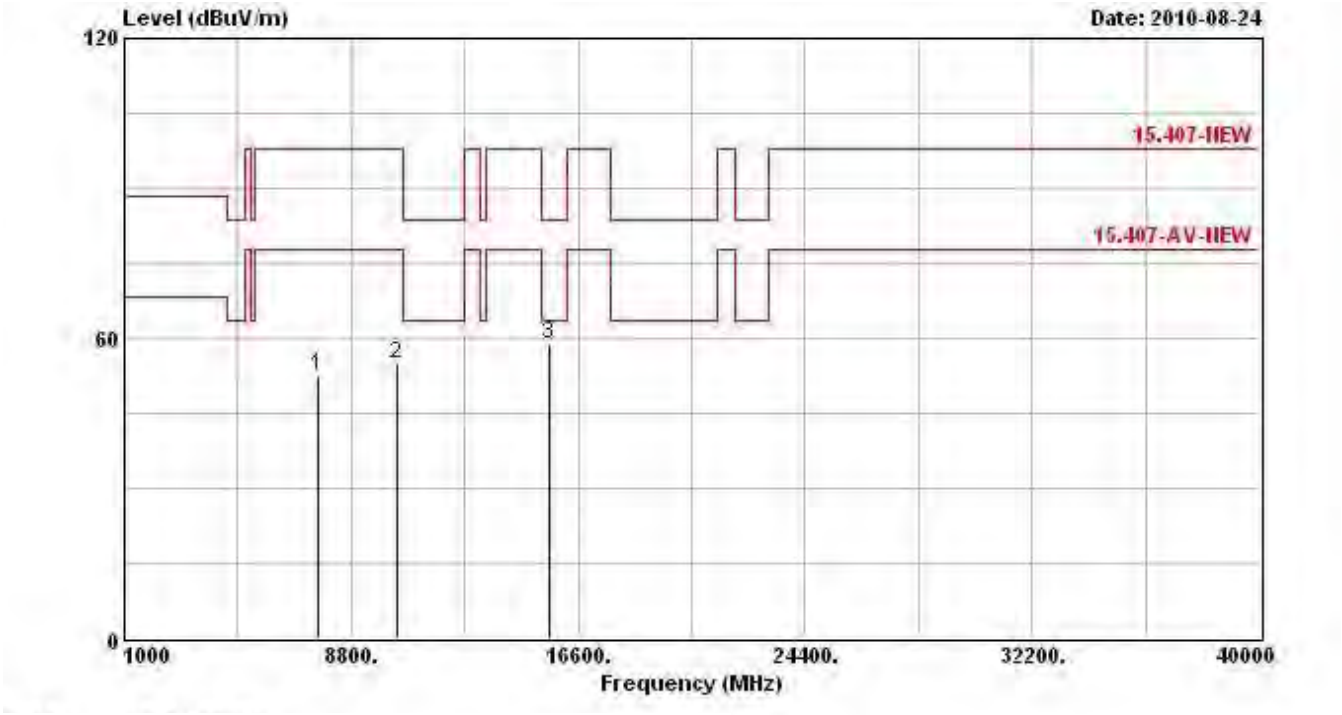
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 40 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8366.000	53.54	-24.30	77.84	43.20	38.03	5.35	33.05	---	---	PK
2	10400.000	55.24	-42.60	97.84	42.91	39.54	5.77	32.98	---	---	PEAK
3	15600.000	58.83	-4.71	63.54	45.66	38.33	7.33	32.50	---	---	PK

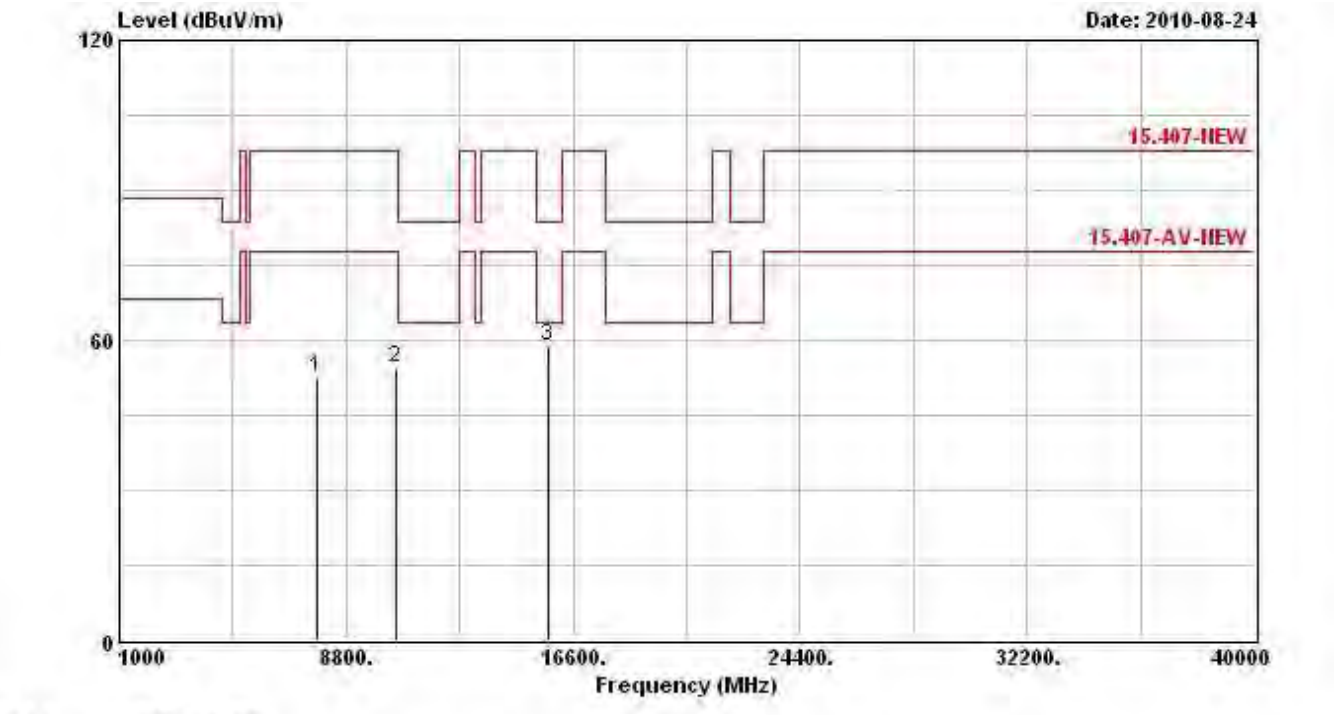
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7626.000	52.60	-25.24	77.84	43.44	37.16	4.99	32.98	---	---	PK
2	10404.000	55.06	-42.78	97.84	42.73	39.54	5.77	32.98	---	---	Peak
3	15600.000	58.75	-4.79	63.54	45.58	38.33	7.33	32.50	---	---	PK

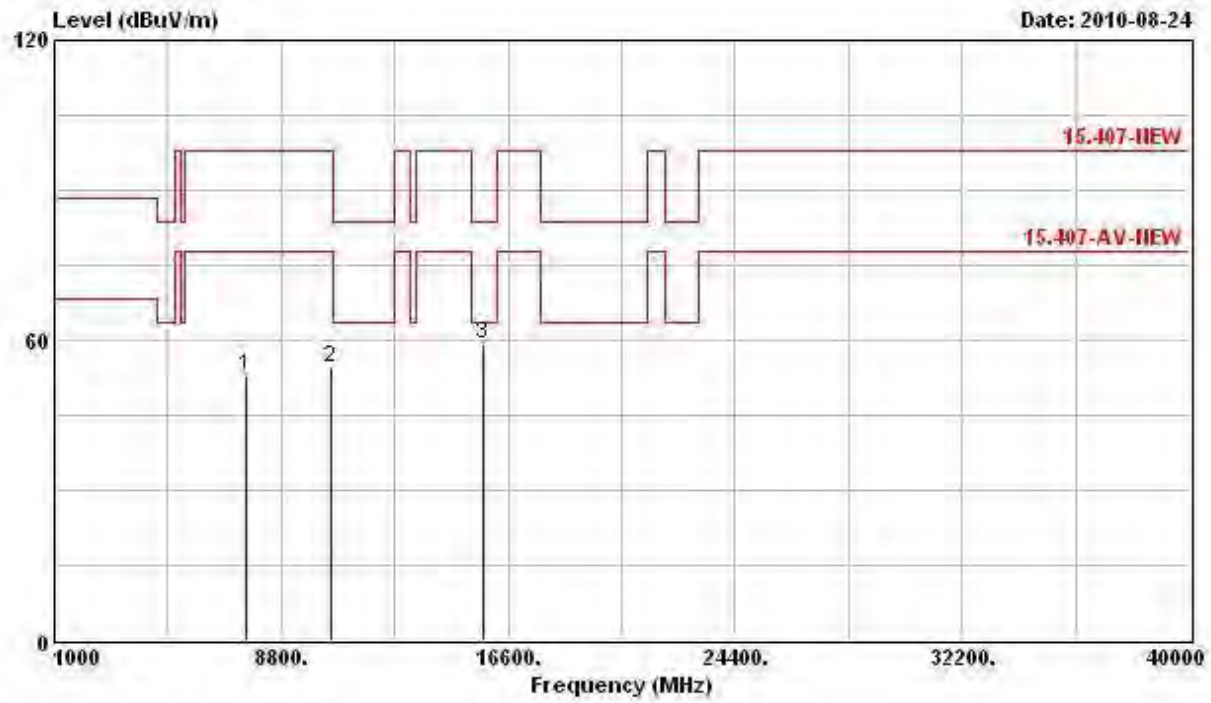
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 48 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7792.000	52.43	-45.41	97.84	42.97	37.36	5.11	33.01	---	---	PEAK
2	10484.000	54.62	-43.22	97.84	42.23	39.51	5.80	32.91	---	---	PEAK
3	15724.000	58.86	-4.68	63.54	45.84	38.14	7.42	32.54	---	---	PK

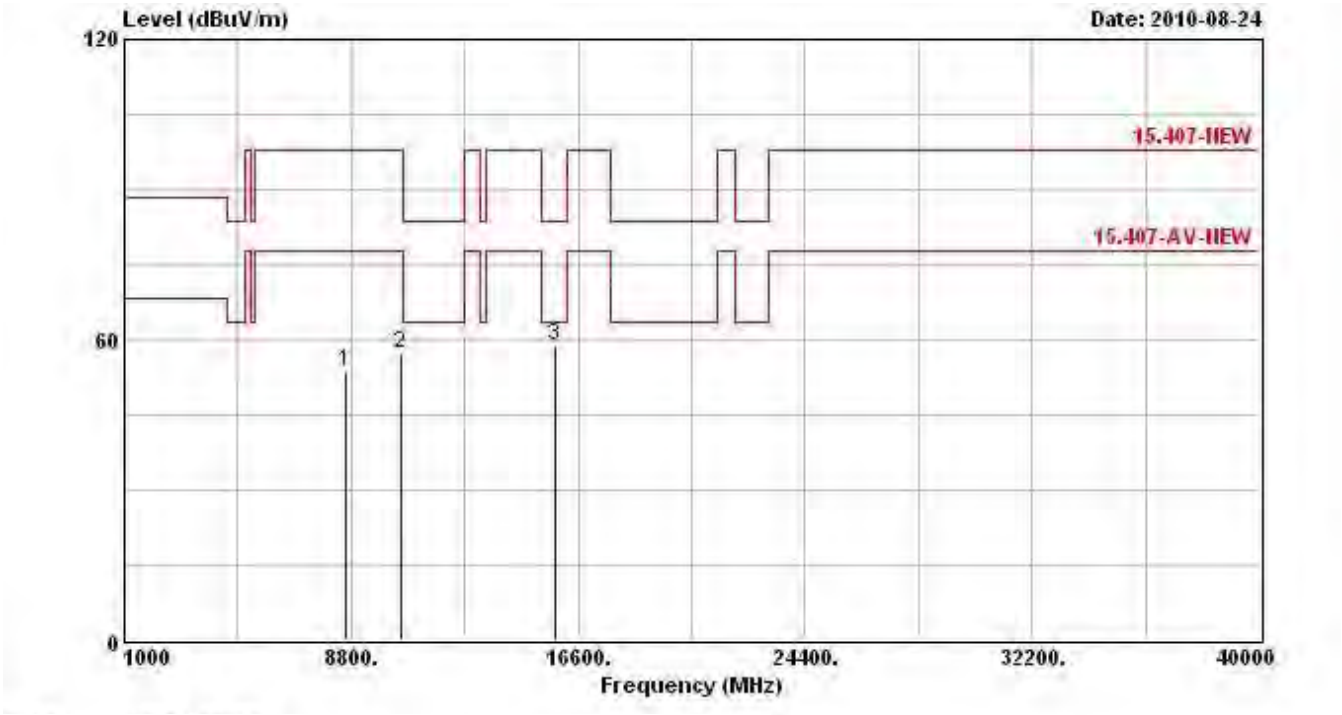
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7582.000	52.95	-24.89	77.84	43.87	37.10	4.96	32.97	---	---	PK
2	10480.000	54.50	-43.34	97.84	42.11	39.51	5.80	32.91	---	---	PEAK
3	15720.000	59.02	-4.52	63.54	46.00	38.14	7.42	32.54	---	---	PK

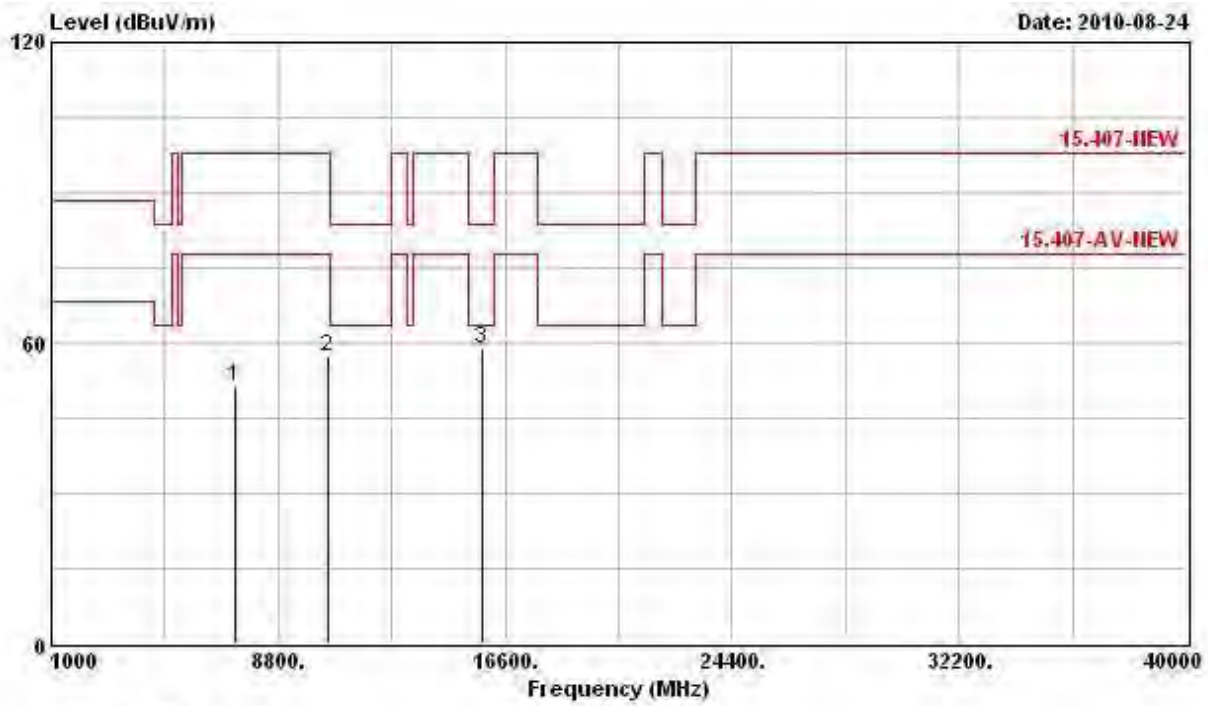
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 52 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8630.000	53.72	-44.12	97.84	43.21	38.31	5.30	33.09	---	---	PEAK
2	10520.000	57.21	-40.63	97.84	44.79	39.49	5.81	32.89	---	---	PEAK
3	15780.000	58.81	-4.73	63.54	45.88	38.06	7.44	32.57	---	---	PK

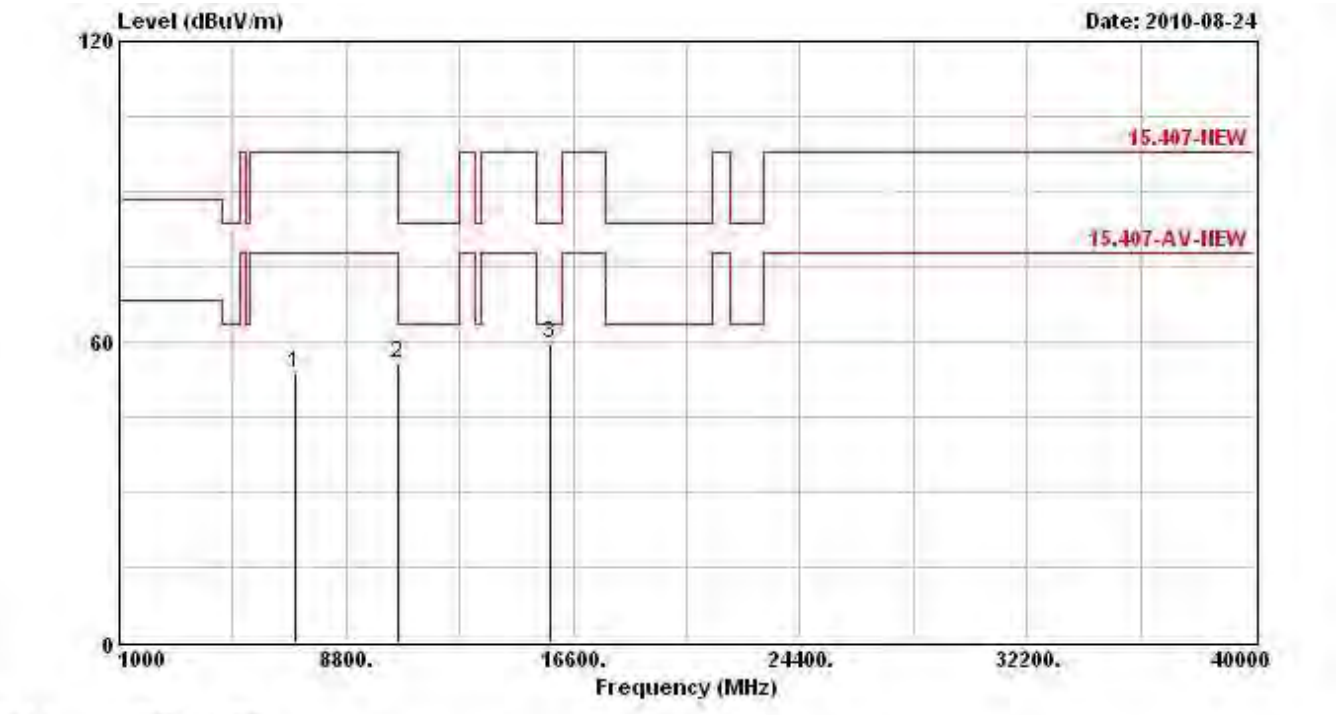
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7306.000	51.20	-26.64	77.84	42.79	36.66	4.65	32.90	---	---	PK
2	10520.000	57.20	-40.64	97.84	44.79	39.49	5.81	32.89	---	---	PEAK
3	15780.000	58.70	-4.84	63.54	45.77	38.06	7.44	32.57	---	---	PK

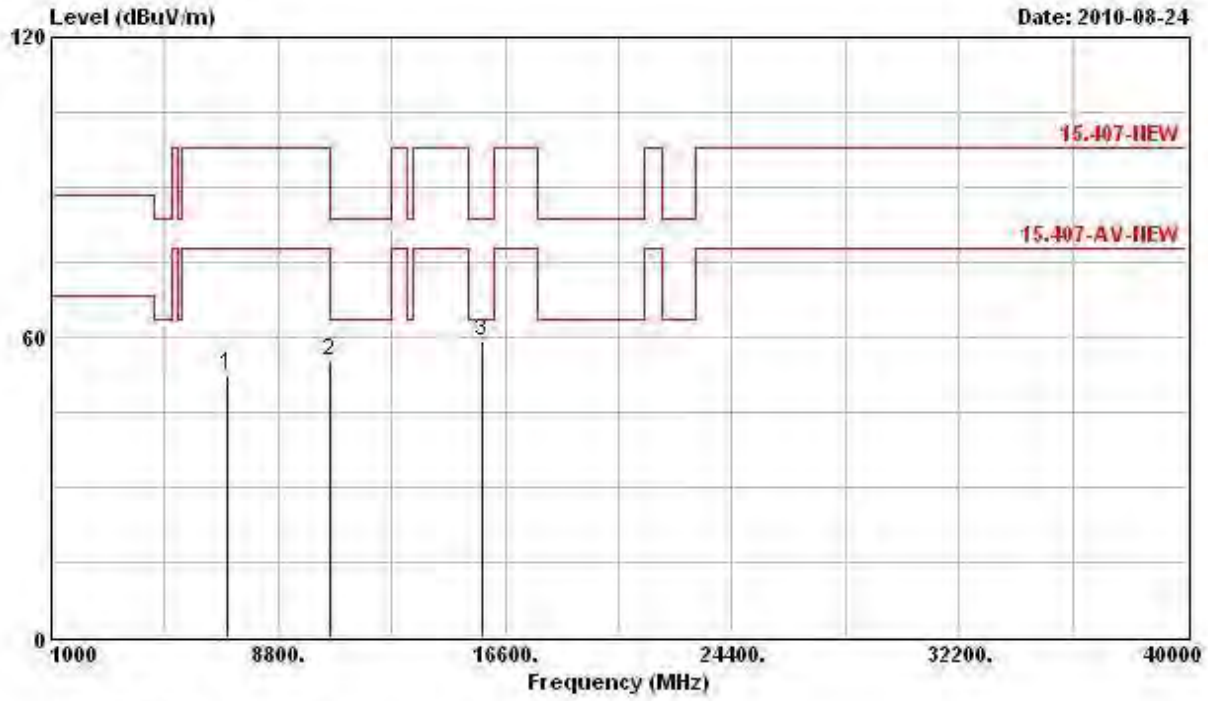
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch.56 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7036.000	53.84	-44.00	97.84	46.19	36.16	4.31	32.83	---	---	PEAK
2	10560.000	55.85	-41.99	97.84	43.40	39.47	5.84	32.86	---	---	PEAK
3	15840.000	59.71	-3.83	63.54	46.85	37.95	7.50	32.59	---	---	PK

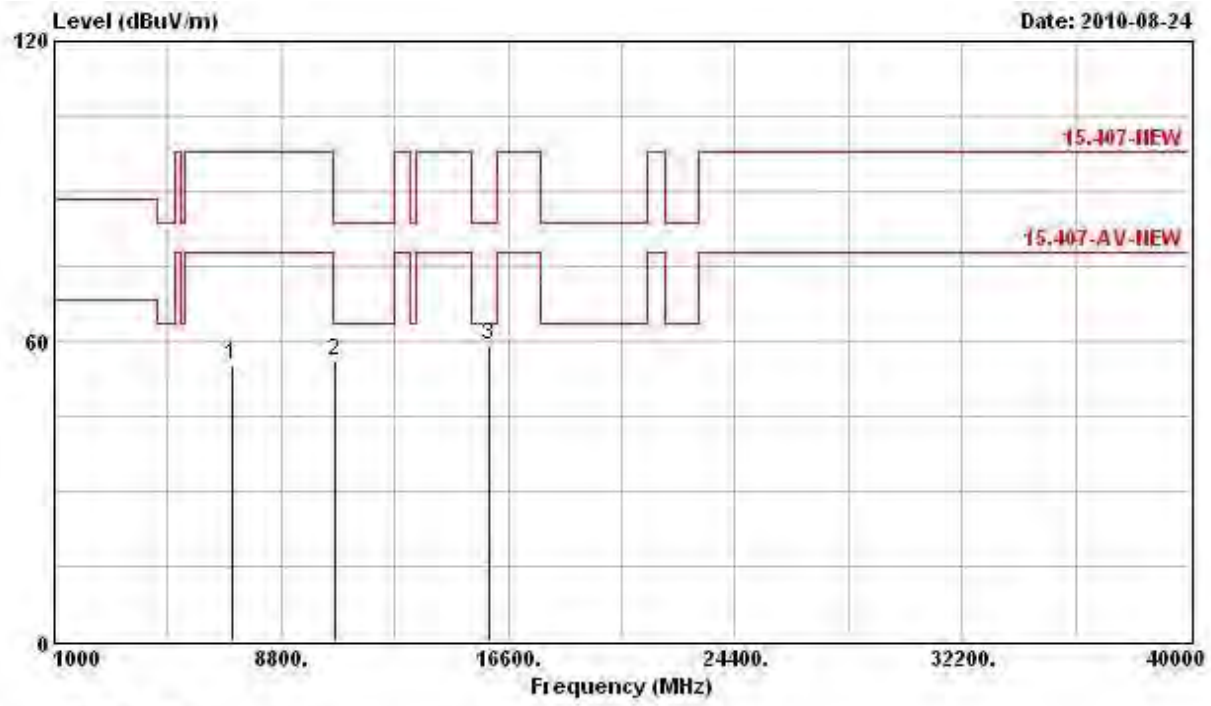
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7032.000	52.38	-45.46	97.84	44.74	36.16	4.31	32.83	---	---	PEAK
2	10560.000	55.18	-42.66	97.84	42.73	39.47	5.84	32.86	---	---	PEAK
3	15844.000	59.18	-4.36	63.54	46.33	37.95	7.50	32.59	---	---	PK

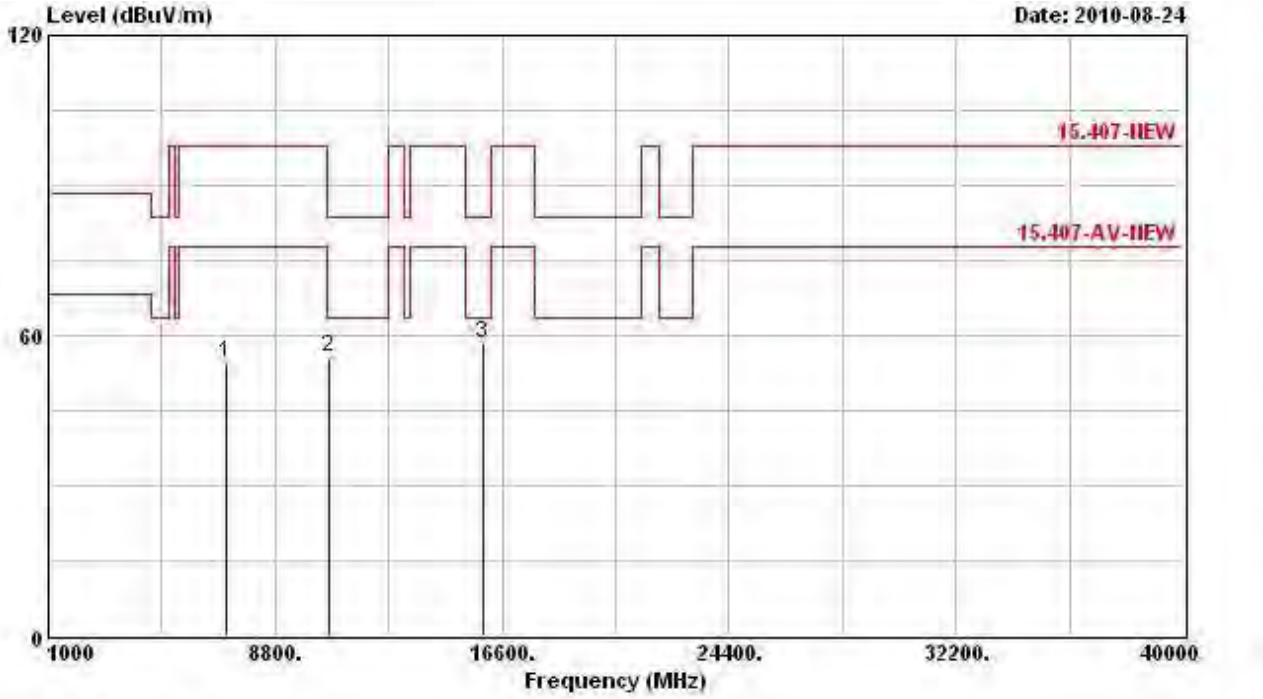
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch.64 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7090.000	55.30	-42.54	97.84	47.53	36.26	4.36	32.84	---	---	PEAK
2	10640.000	56.23	-7.31	63.54	43.73	39.42	5.91	32.82	---	---	PK
3	15960.000	59.14	-4.40	63.54	46.44	37.76	7.58	32.64	---	---	PK

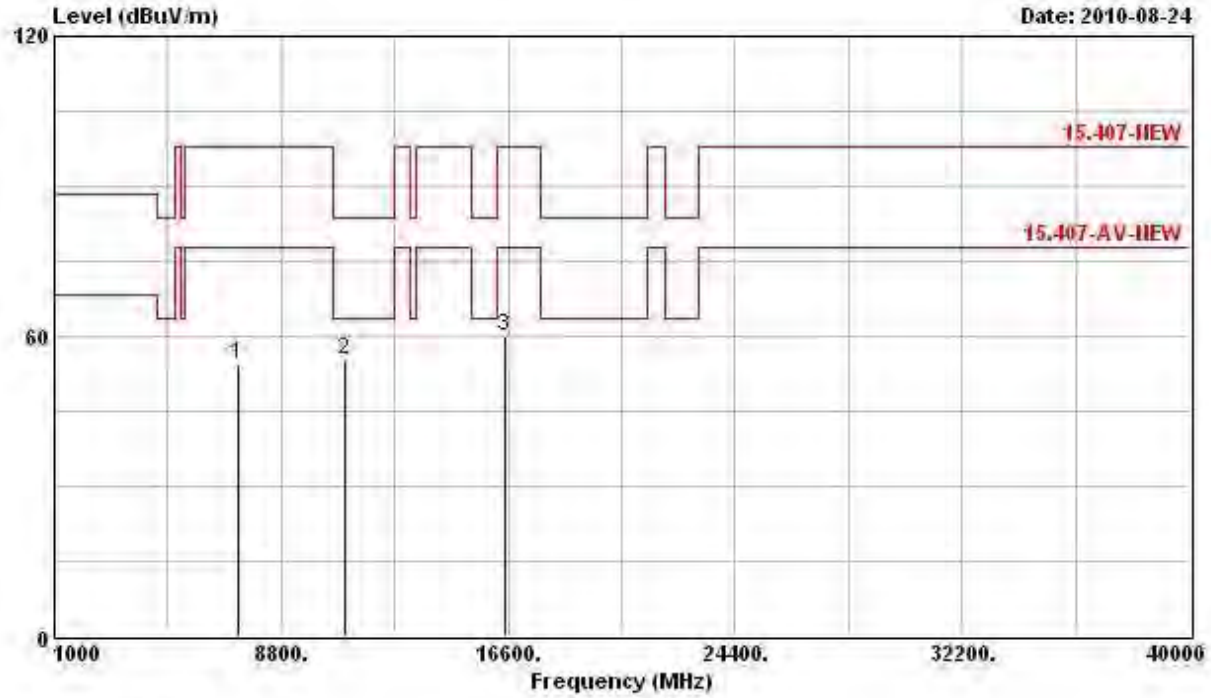
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7094.000	54.32	-43.52	97.84	46.54	36.26	4.36	32.84	---	---	PEAK
2	10644.000	55.78	-7.76	63.54	43.28	39.42	5.91	32.82	---	---	PK
3	15960.000	58.29	-5.25	63.54	45.59	37.76	7.58	32.64	---	---	PK

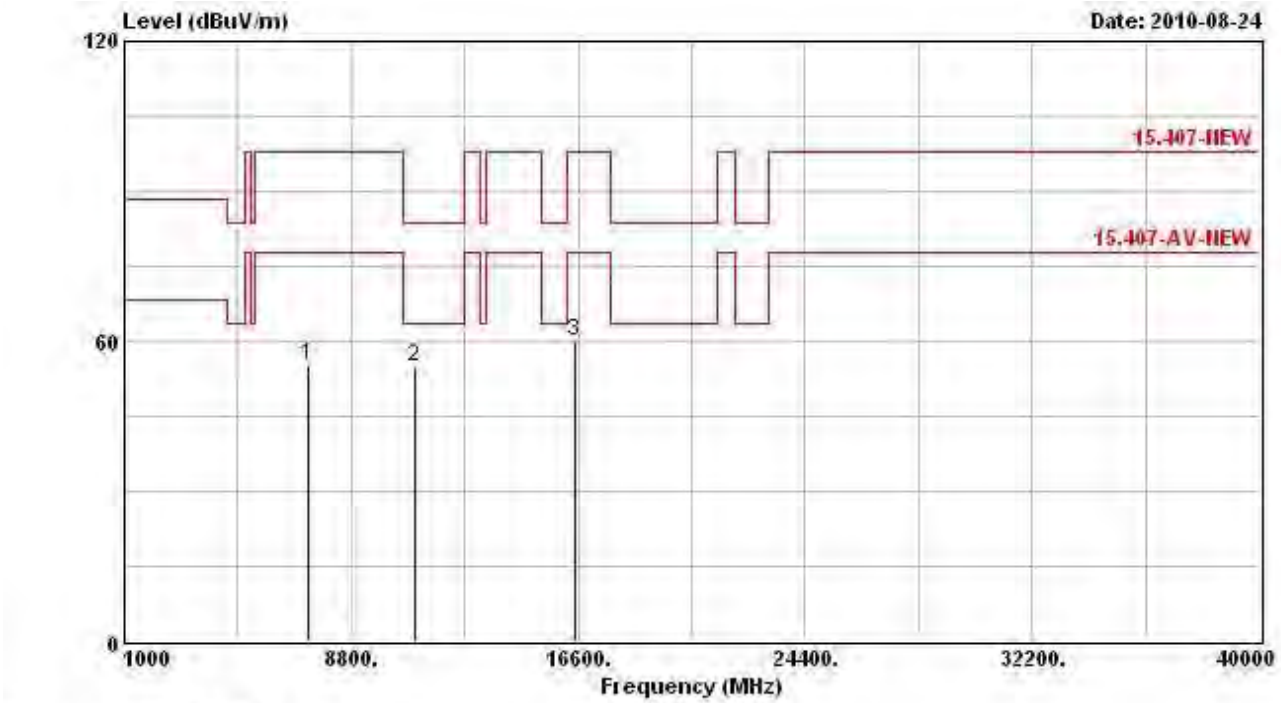
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 100 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7330.000	54.61	-23.23	77.84	46.13	36.69	4.70	32.91	---	---	PK
2	11000.000	55.41	-8.13	63.54	42.60	39.20	6.23	32.62	---	---	PK
3	16500.000	60.09	-37.75	97.84	46.25	38.50	7.60	32.26	---	---	PEAK

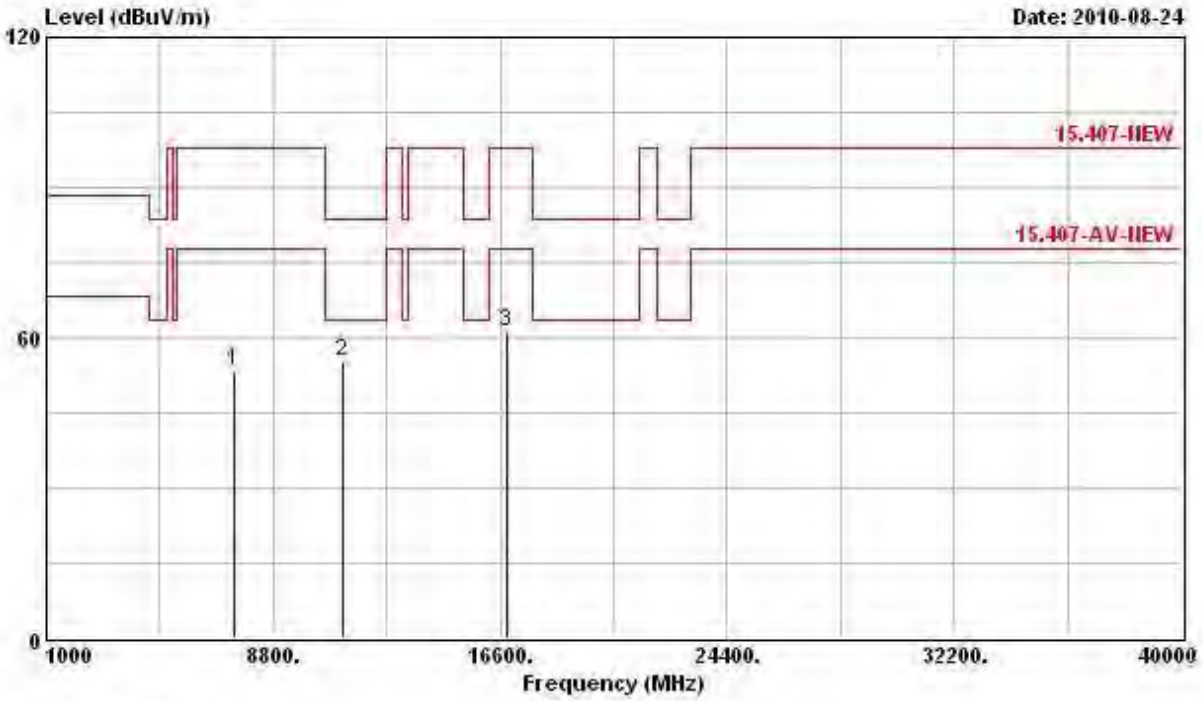
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7330.000	55.22	-22.62	77.84	46.73	36.69	4.70	32.91	---	---	PK
2	11004.000	55.00	-8.54	63.54	42.19	39.20	6.23	32.62	---	---	PK
3	16500.000	59.85	-37.99	97.84	46.01	38.50	7.60	32.26	---	---	PEAK

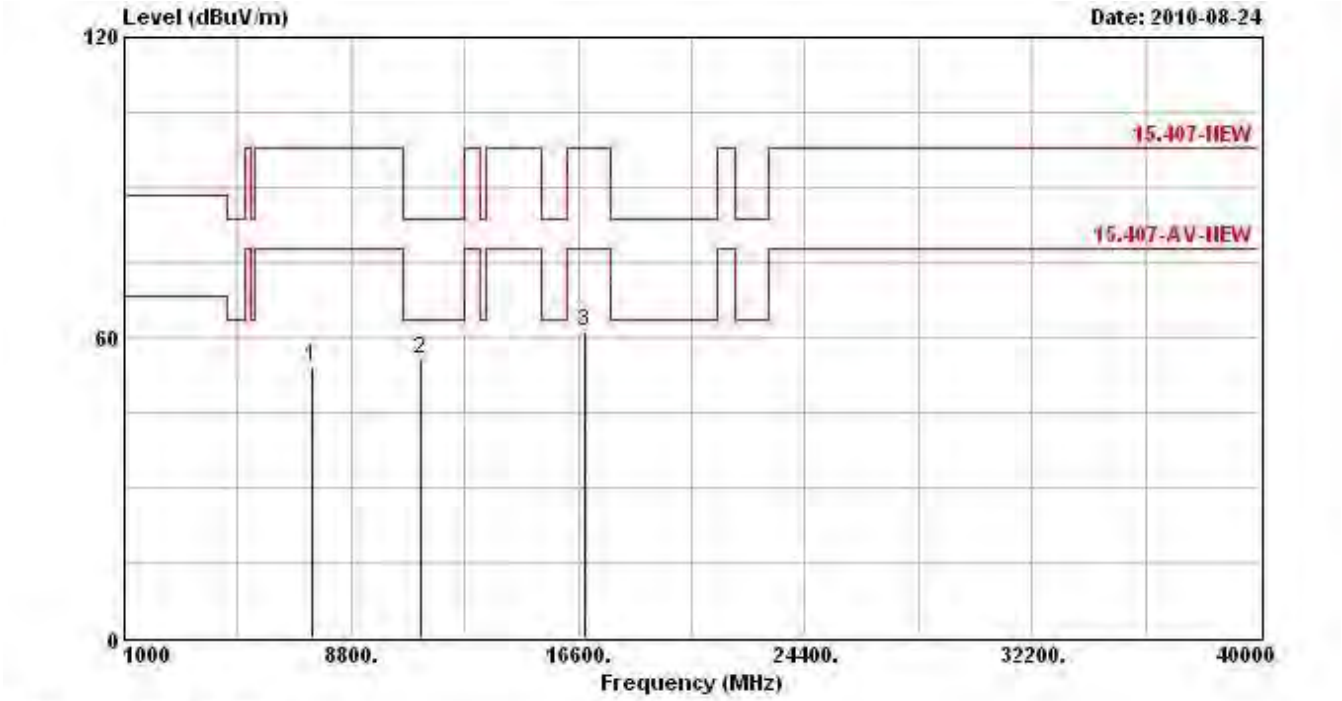
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 120 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	53.28	-24.56	77.84	44.44	36.94	4.85	32.95	---	---	PK
2	11200.000	55.34	-8.20	63.54	42.33	39.48	6.13	32.60	---	---	PK
3	16798.000	61.07	-36.77	97.84	45.30	40.14	7.49	31.86	---	---	PEAK

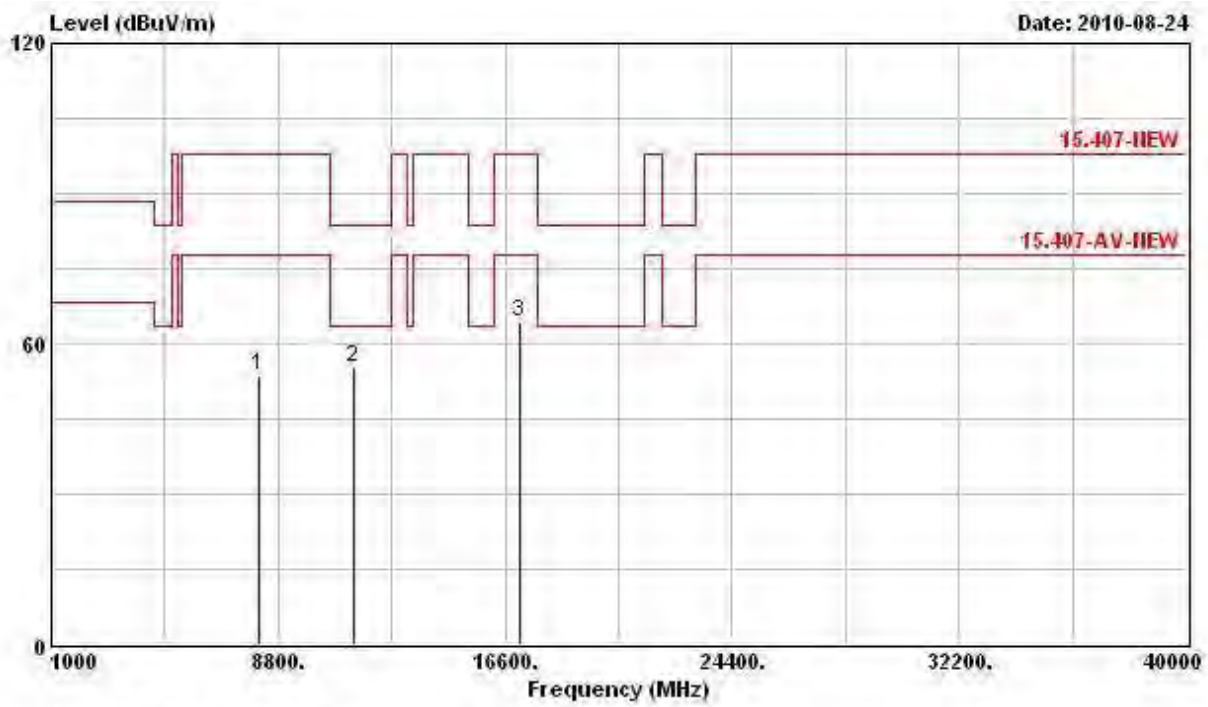
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7460.000	53.97	-23.87	77.84	45.13	36.94	4.85	32.95	---	---	PK
2	11204.000	55.64	-7.90	63.54	42.63	39.48	6.13	32.60	---	---	PK
3	16800.000	61.38	-36.46	97.84	45.61	40.14	7.49	31.86	---	---	PEAK

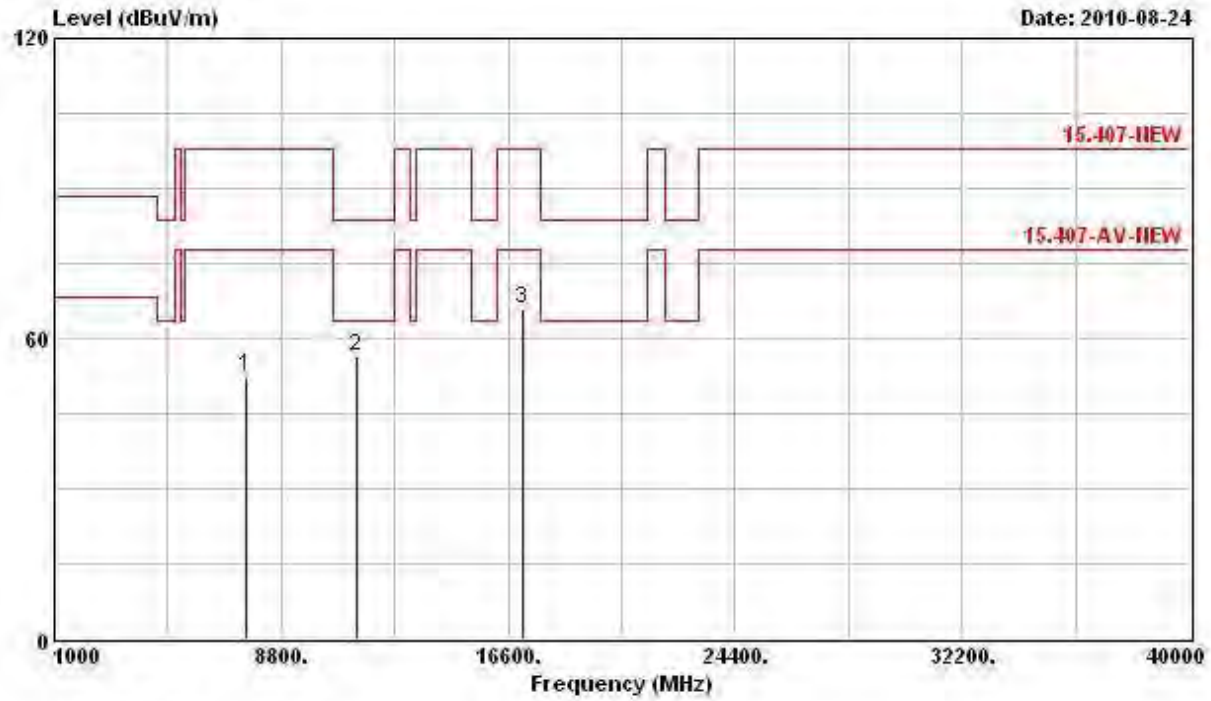
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 140 (20MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8120.000	53.64	-24.20	77.84	43.63	37.74	5.32	33.05	---	---	PK
2	11400.000	55.39	-8.15	63.54	42.19	39.76	6.03	32.59	---	---	PK
3	17102.000	64.21	-33.63	97.84	46.23	42.24	7.40	31.66	---	---	PEAK

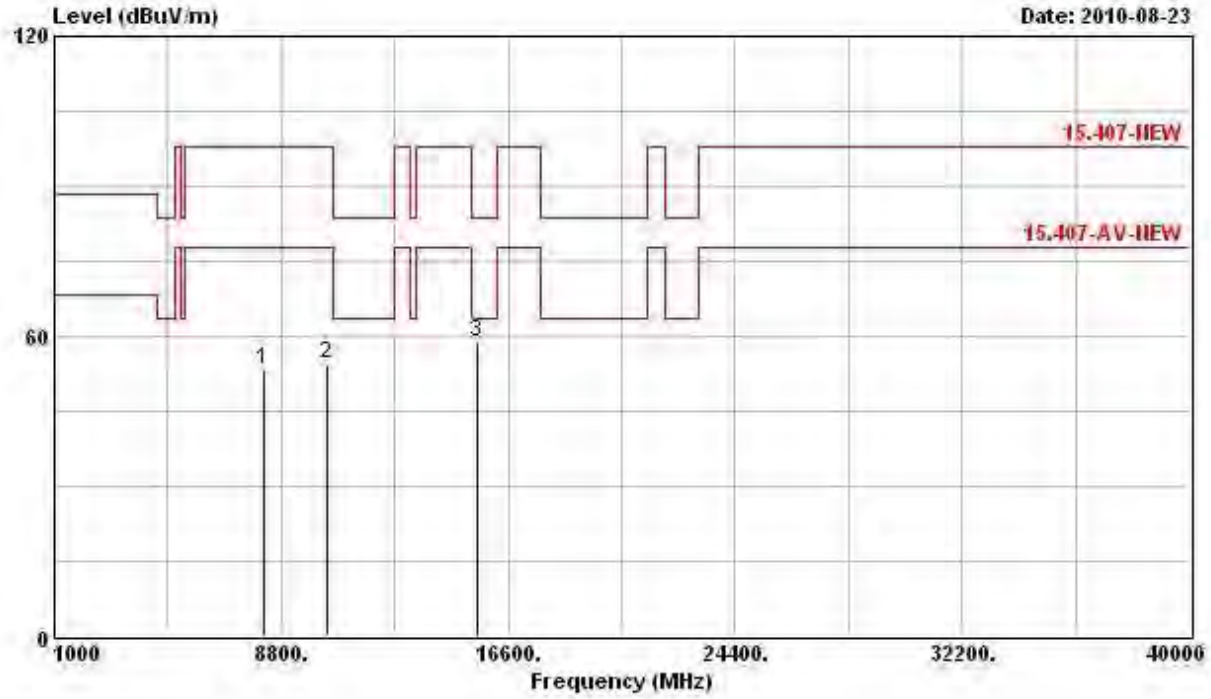
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7600.000	52.55	-25.29	77.84	43.45	37.12	4.96	32.98	---	---	PK
2	11400.000	56.32	-7.22	63.54	43.12	39.76	6.03	32.59	---	---	PK
3	17100.000	65.91	-31.93	97.84	47.93	42.24	7.40	31.66	---	---	PEAK

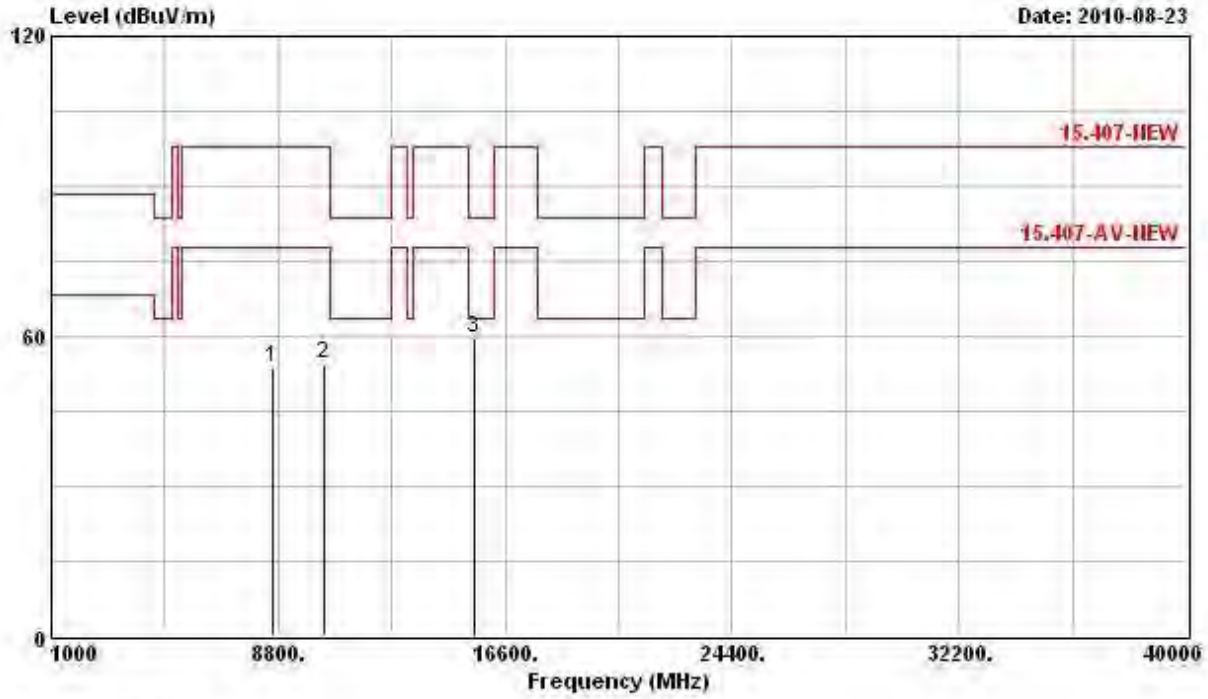
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 38 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8220.000	53.41	-24.43	77.84	43.26	37.87	5.33	33.05	---	---	PK
2	10362.000	54.52	-43.32	97.84	42.24	39.55	5.75	33.02	---	---	PEAK
3	15570.000	58.68	-4.86	63.54	45.46	38.39	7.30	32.48	---	---	PK

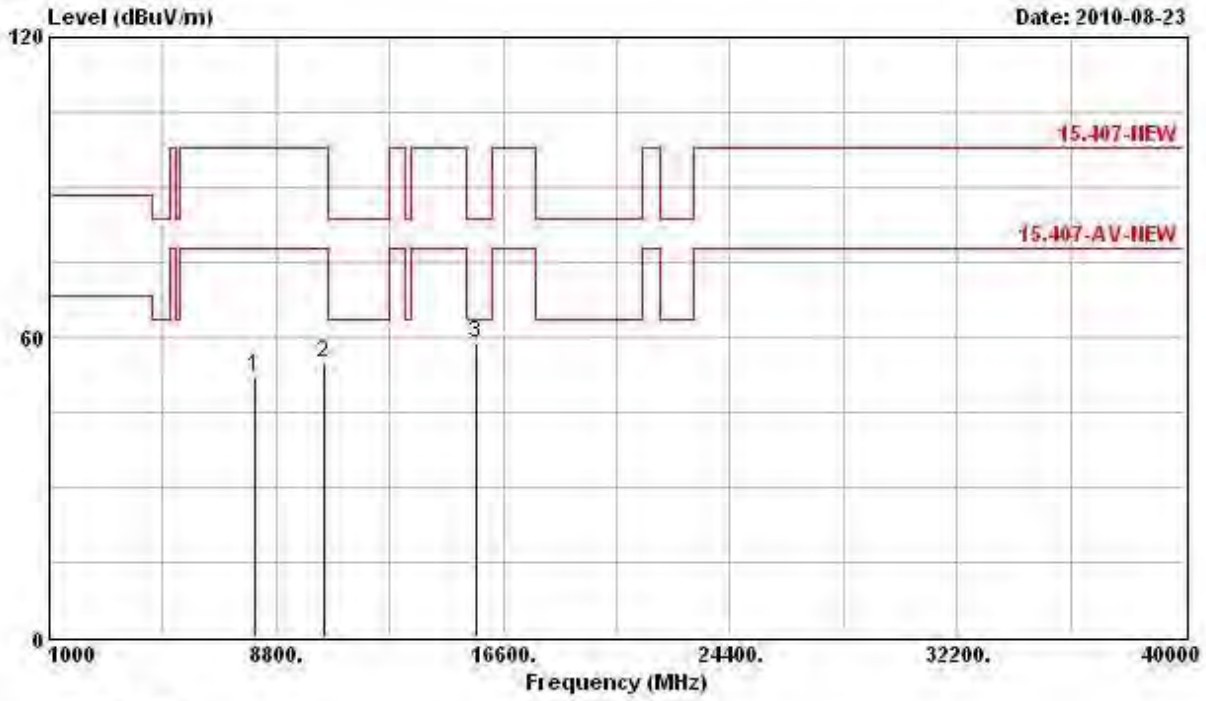
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8640.000	53.52	-44.32	97.84	43.02	38.31	5.30	33.10	---	---	PEAK
2	10362.000	54.46	-43.38	97.84	42.17	39.55	5.75	33.02	---	---	PEAK
3	15570.000	59.41	-4.13	63.54	46.20	38.39	7.30	32.48	---	---	PK

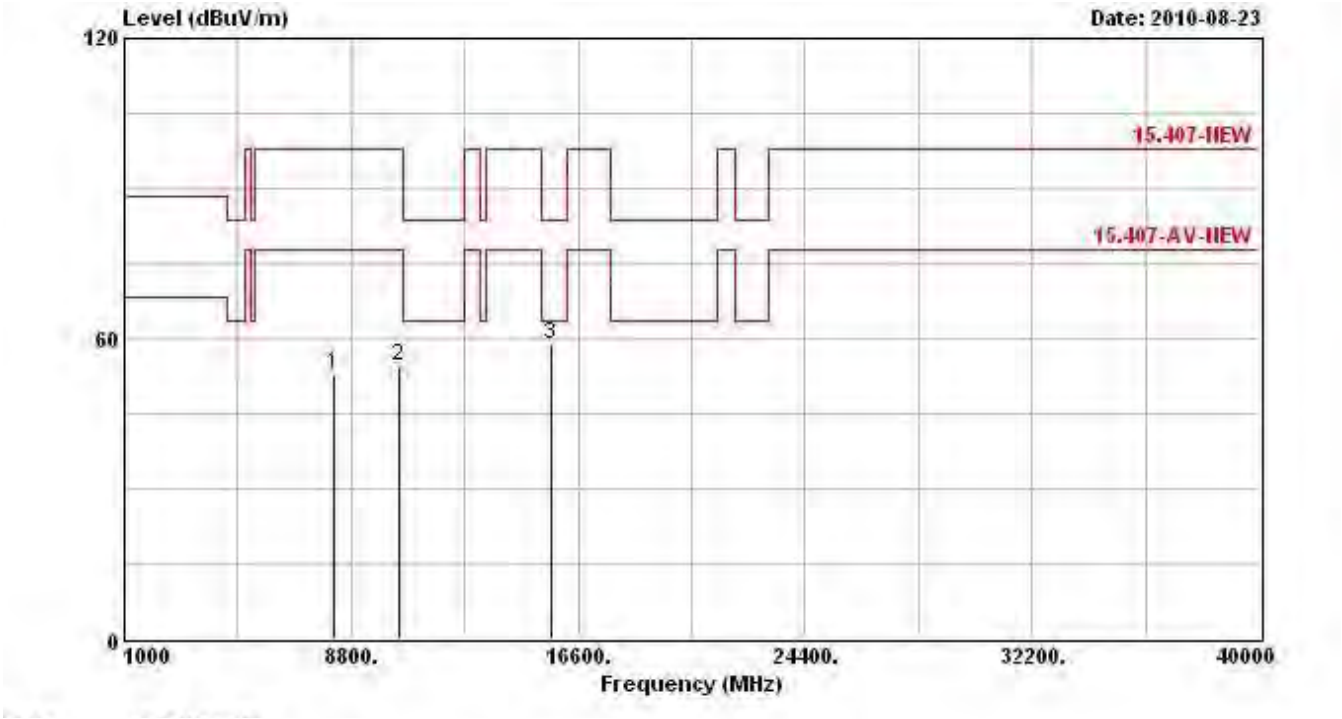
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 46 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8048.000	52.02	-25.82	77.84	42.10	37.66	5.31	33.05	---	---	PK
2	10460.000	54.72	-43.12	97.84	42.34	39.52	5.80	32.93	---	---	PEAK
3	15690.000	58.92	-4.62	63.54	45.87	38.20	7.39	32.53	---	---	PK

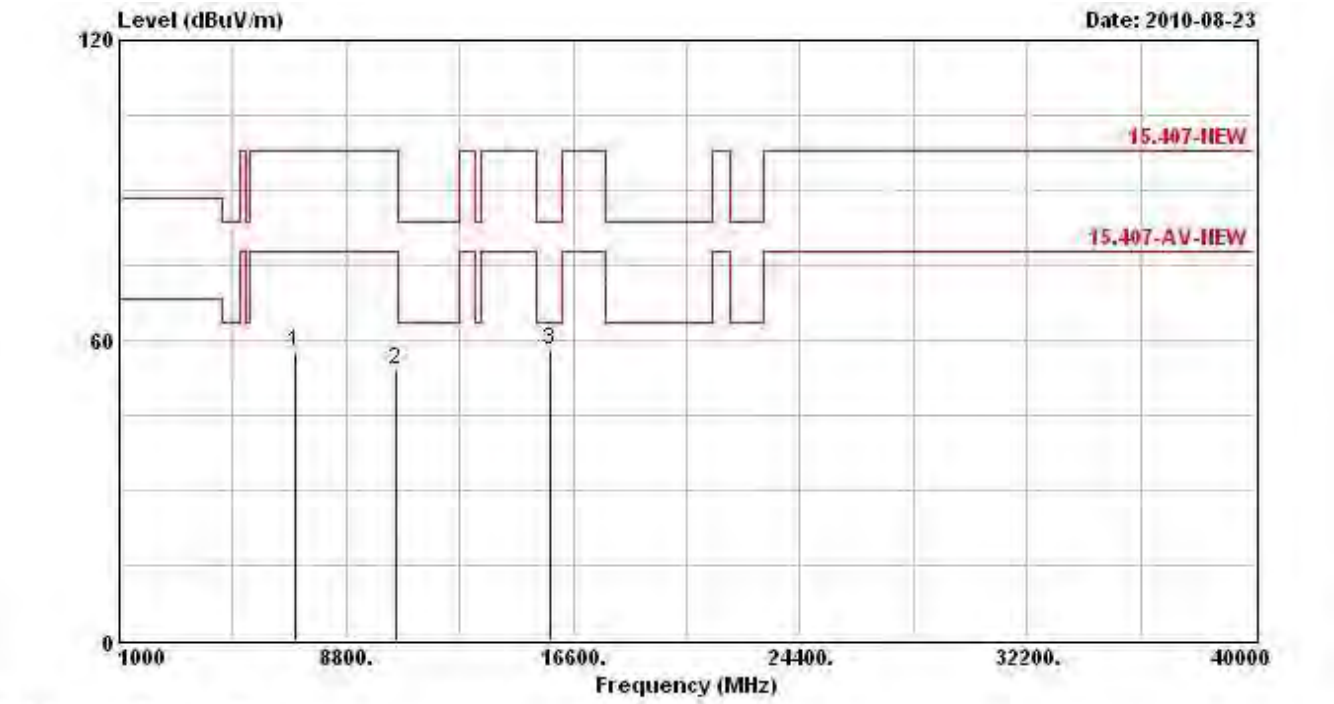
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8174.000	53.04	-24.80	77.84	42.96	37.81	5.32	33.05	---	---	PK
2	10420.000	54.61	-43.23	97.84	42.27	39.53	5.78	32.98	---	---	Peak
3	15690.000	58.93	-4.61	63.54	45.88	38.20	7.39	32.53	---	---	PK

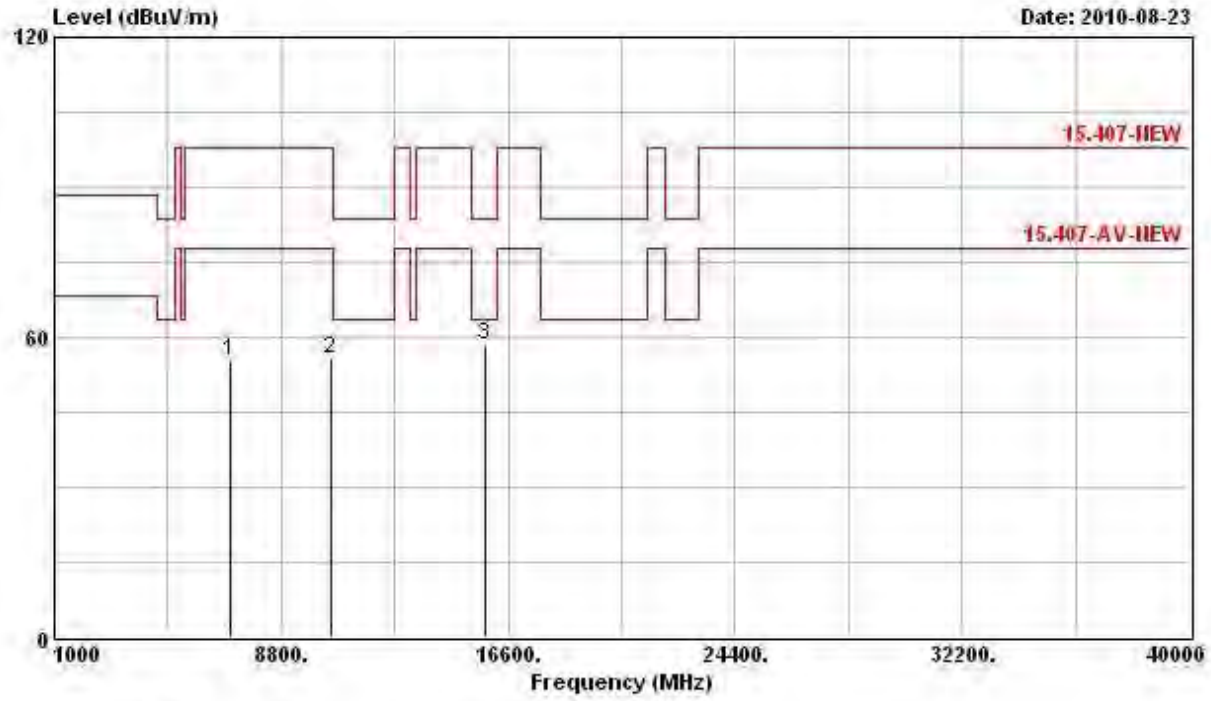
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 54 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7018.000	57.45	-40.39	97.84	49.83	36.13	4.31	32.82	---	---	PEAK
2	10540.000	54.10	-43.74	97.84	41.65	39.48	5.84	32.88	---	---	PEAK
3	15806.000	58.14	-5.40	63.54	45.24	38.00	7.47	32.58	---	---	PK

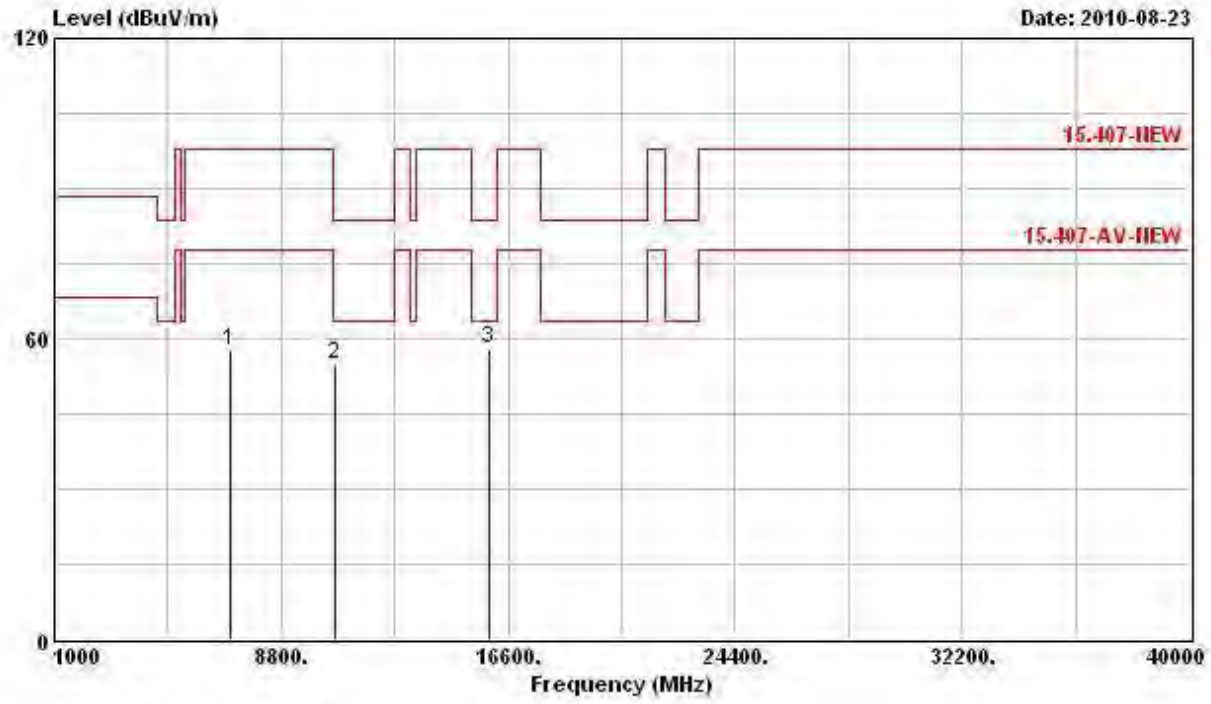
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7018.000	55.19	-42.65	97.84	47.57	36.13	4.31	32.82	---	---	PEAK
2	10540.000	55.64	-42.20	97.84	43.19	39.48	5.84	32.88	---	---	PEAK
3	15810.000	58.40	-5.14	63.54	45.50	38.00	7.47	32.58	---	---	PK

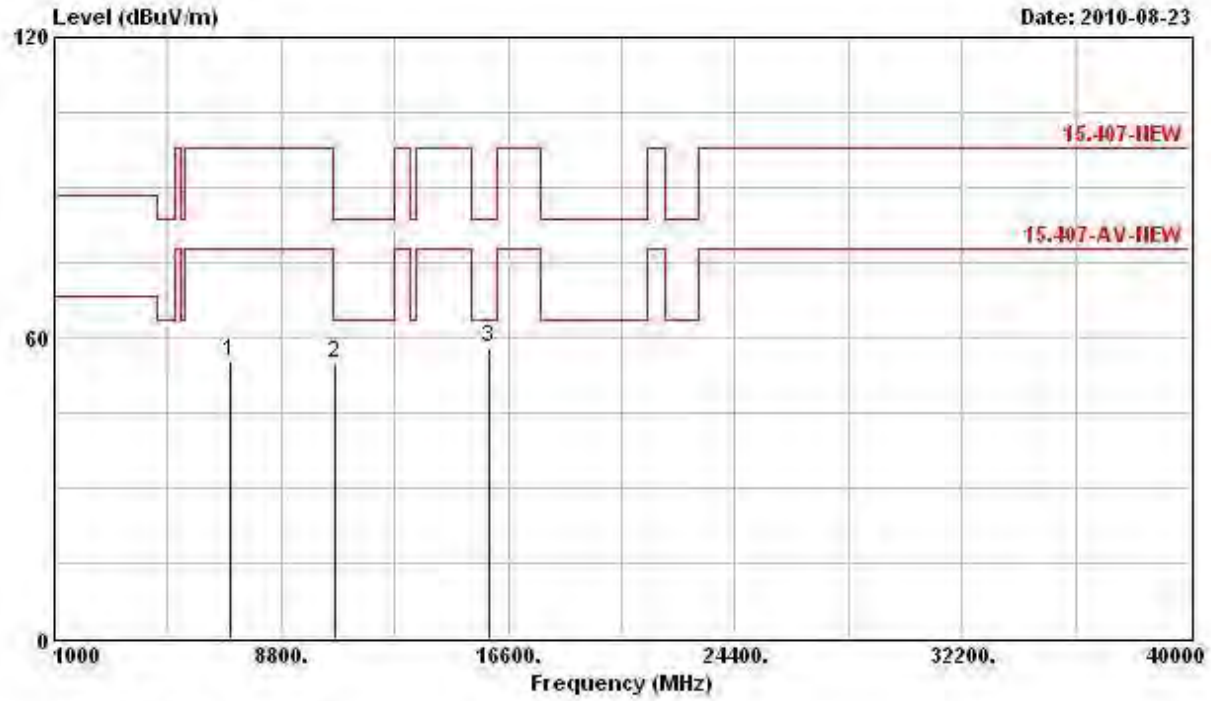
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 62 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7072.000	57.76	-40.08	97.84	50.02	36.22	4.36	32.83	---	---	PEAK
2	10620.000	54.99	-8.55	63.54	42.49	39.43	5.91	32.83	---	---	PK
3	15930.000	57.87	-5.67	63.54	45.12	37.81	7.56	32.62	---	---	PK

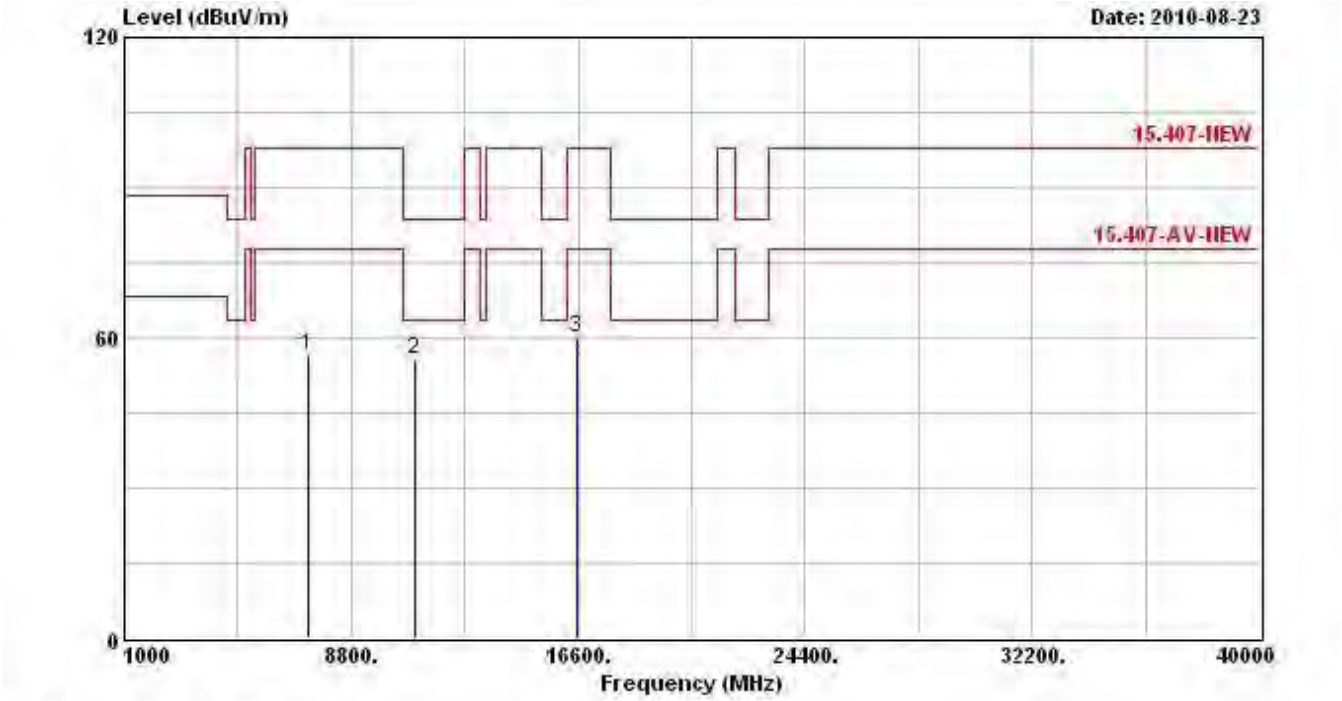
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7072.000	55.22	-42.62	97.84	47.47	36.22	4.36	32.83	---	---	PEAK
2	10620.000	54.79	-8.75	63.54	42.29	39.43	5.91	32.83	---	---	PK
3	15930.000	57.98	-5.56	63.54	45.24	37.81	7.56	32.62	---	---	PK

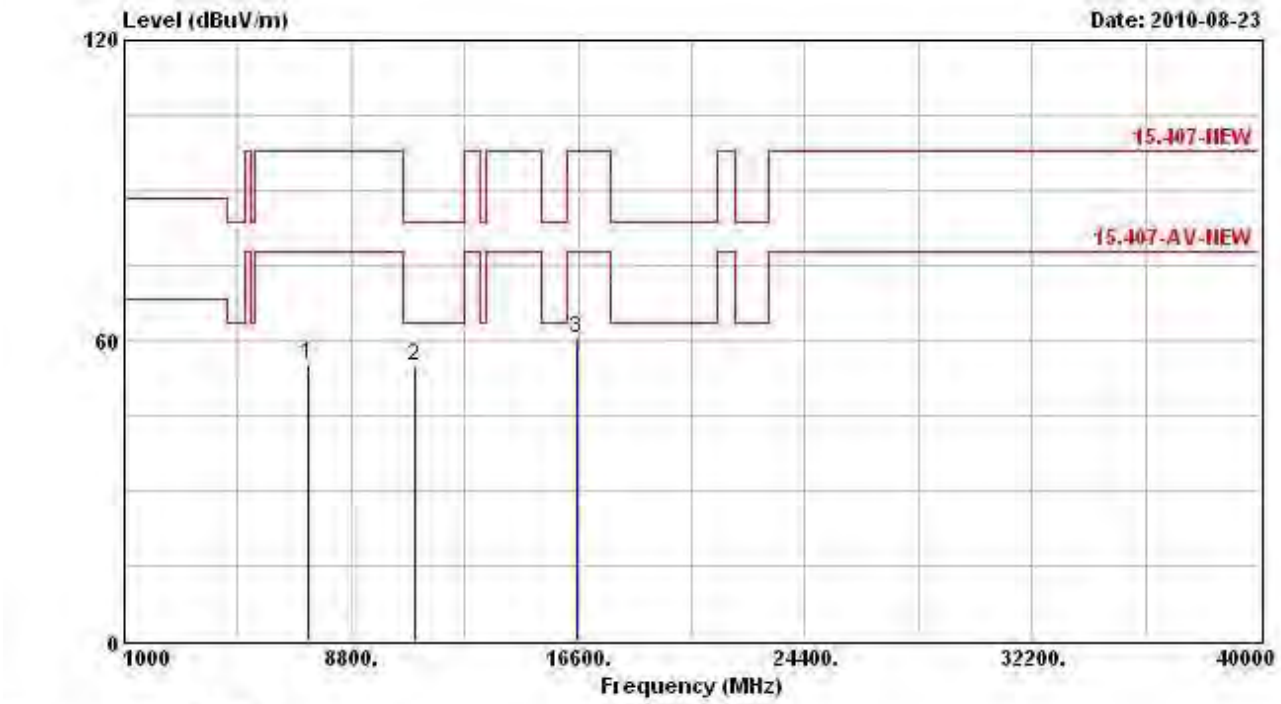
Final Test Date	Aug. 23, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 102 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7340.000	56.50	-21.34	77.84	47.99	36.72	4.70	32.92	---	---	PK
2	11016.000	55.54	-8.00	63.54	42.71	39.22	6.23	32.62	---	---	PK
3	16530.000	60.04	-37.80	97.84	45.97	38.69	7.60	32.23	---	---	PEAK

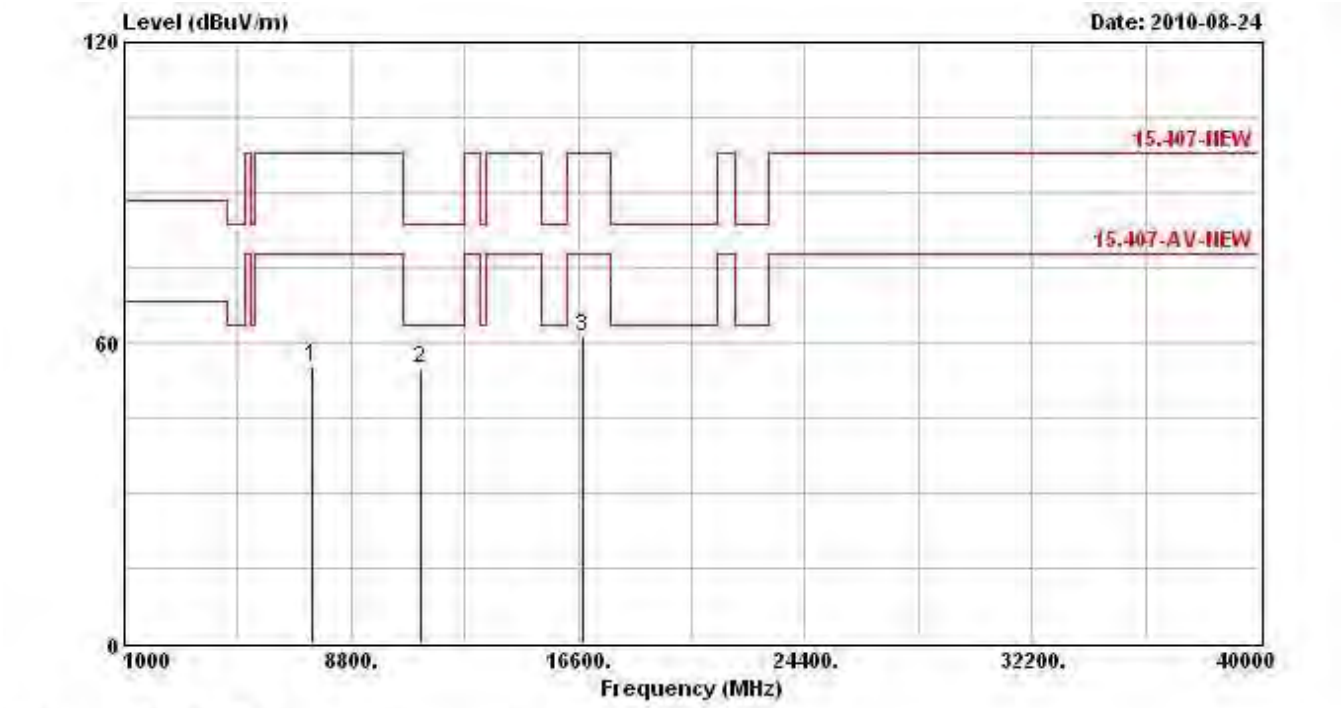
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7340.000	55.19	-22.65	77.84	46.69	36.72	4.70	32.92	---	---	PK
2	11020.000	54.73	-8.81	63.54	41.89	39.22	6.23	32.62	---	---	PK
3	16528.000	60.20	-37.64	97.84	46.23	38.60	7.60	32.23	---	---	PEAK

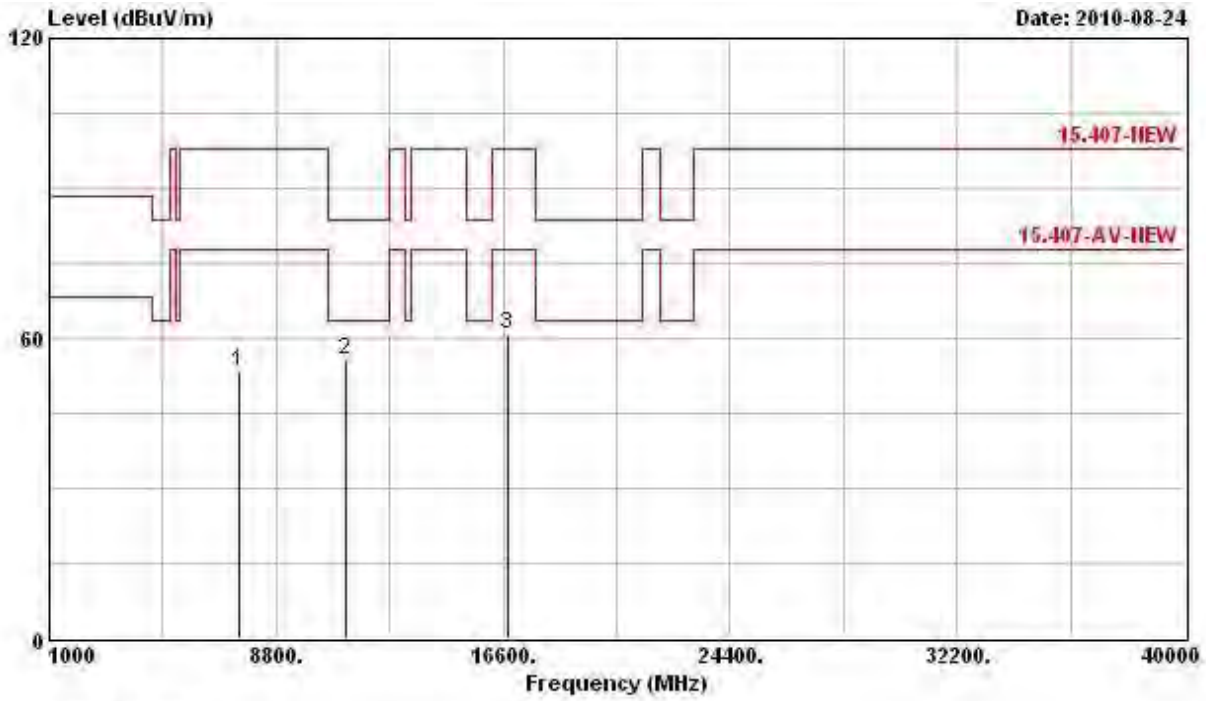
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 118 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7450.000	55.35	-22.49	77.84	46.55	36.91	4.85	32.95	---	---	PK
2	11180.000	54.91	-8.63	63.54	41.91	39.46	6.15	32.61	---	---	PK
3	16770.000	61.06	-36.78	97.84	45.45	40.04	7.49	31.93	---	---	PEAK

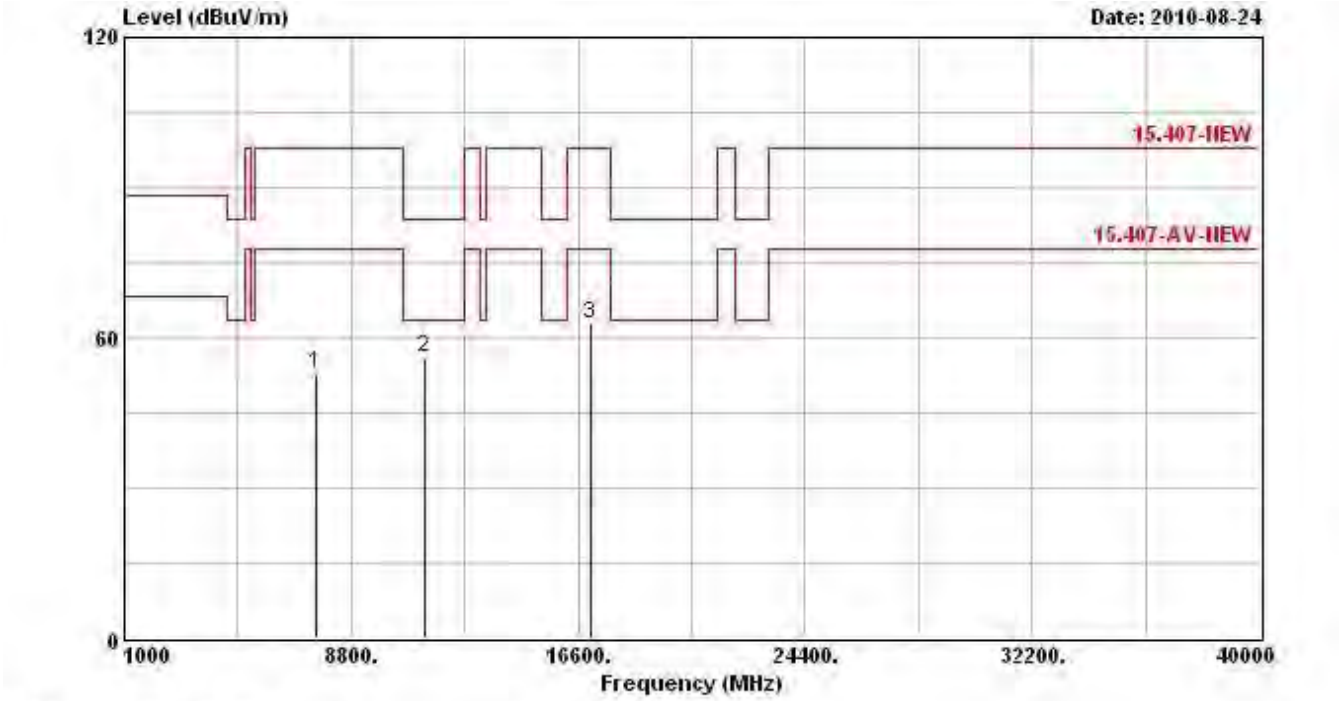
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7510.000	53.31	-24.53	77.84	44.35	37.02	4.89	32.96	---	---	PK
2	11180.000	55.85	-7.69	63.54	42.85	39.46	6.15	32.61	---	---	PK
3	16770.000	60.93	-36.91	97.84	45.33	40.04	7.49	31.93	---	---	PEAK

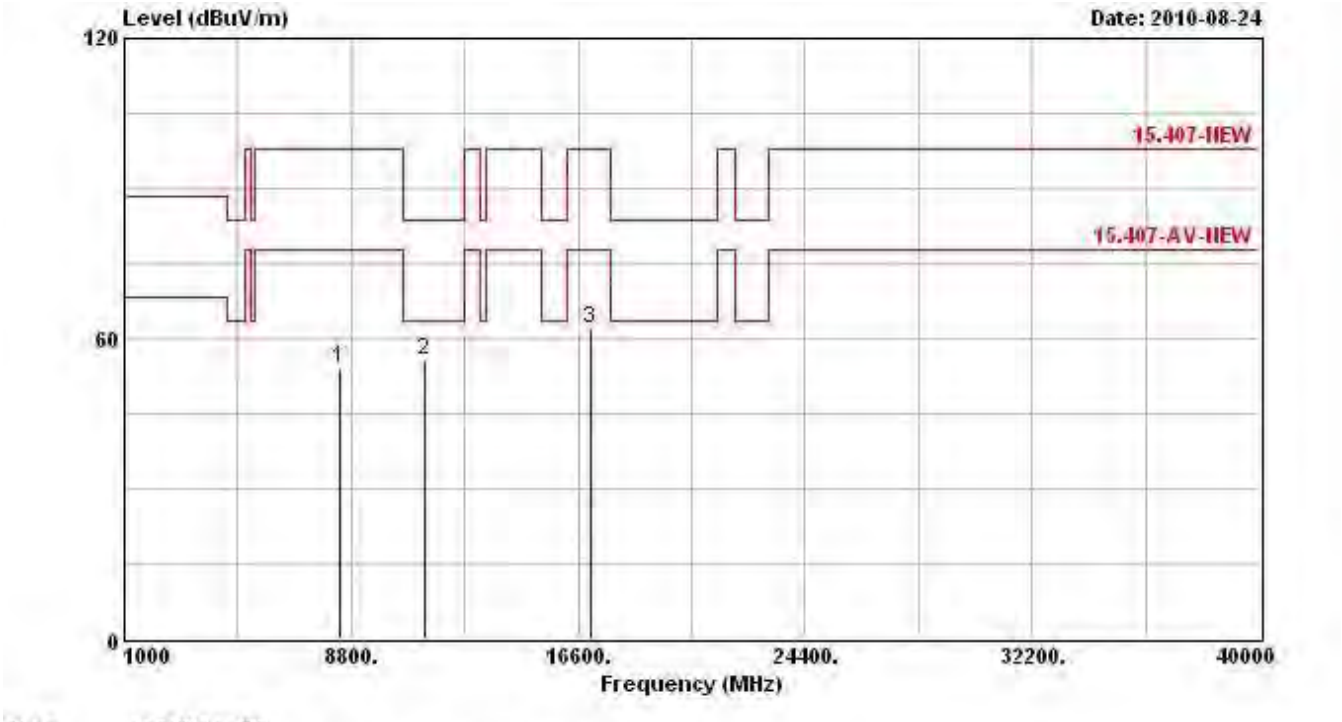
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 134 (40MHz) / (Ant. A)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7560.000	52.76	-25.08	77.84	43.73	37.08	4.93	32.97	---	---	PK
2	11340.000	56.25	-7.29	63.54	43.10	39.67	6.07	32.59	---	---	PK
3	17012.000	62.57	-35.27	97.84	45.34	41.46	7.41	31.64	---	---	PEAK

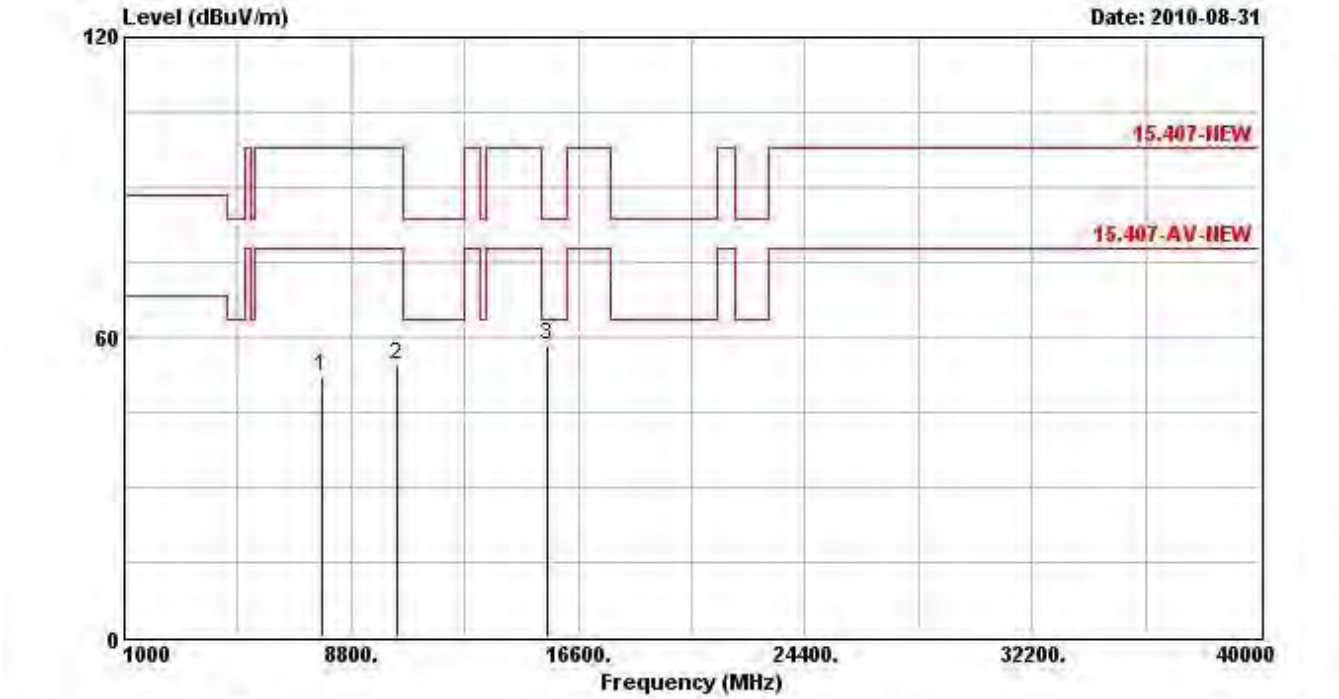
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8390.000	54.11	-23.73	77.84	43.73	38.08	5.35	33.05	---	---	PK
2	11340.000	55.58	-7.96	63.54	42.44	39.67	6.07	32.59	---	---	PK
3	17012.000	62.17	-35.67	97.84	44.94	41.46	7.41	31.64	---	---	PEAK

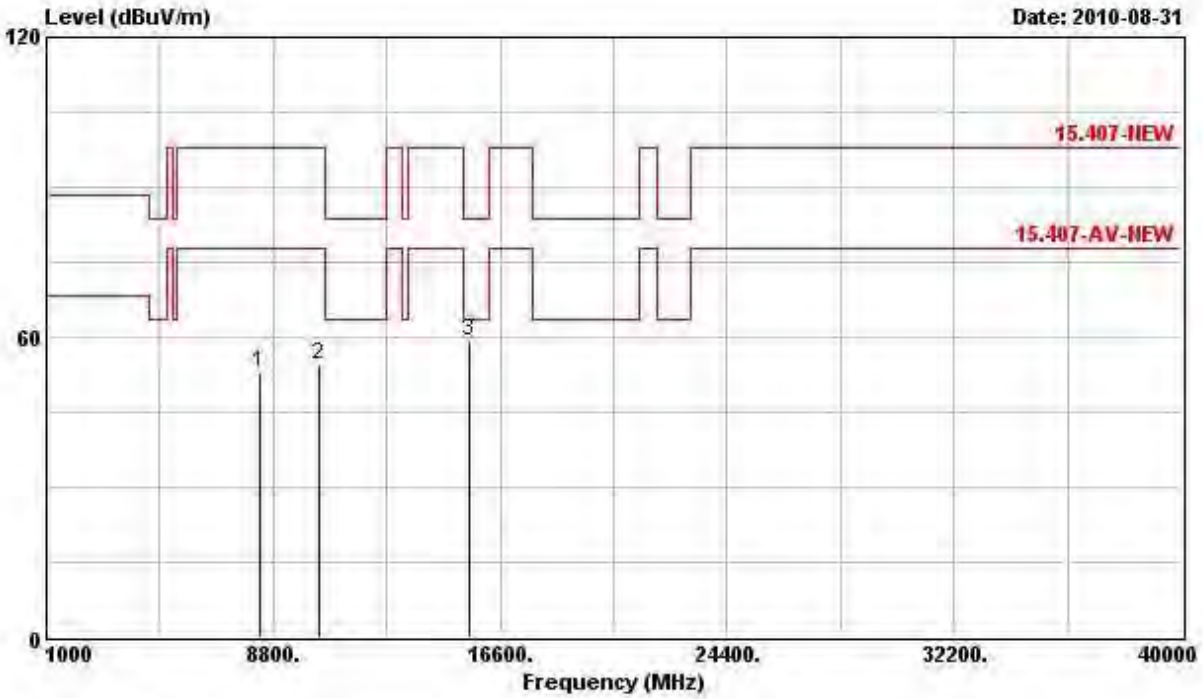
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 38 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7806.000	51.95	-45.89	97.84	42.46	37.36	5.14	33.01	---	---	PEAK
2	10380.000	54.39	-43.45	97.84	42.07	39.55	5.77	33.00	---	---	PEAK
3 @	15574.000	58.47	-5.07	63.54	45.27	38.39	7.30	32.49	---	---	PK

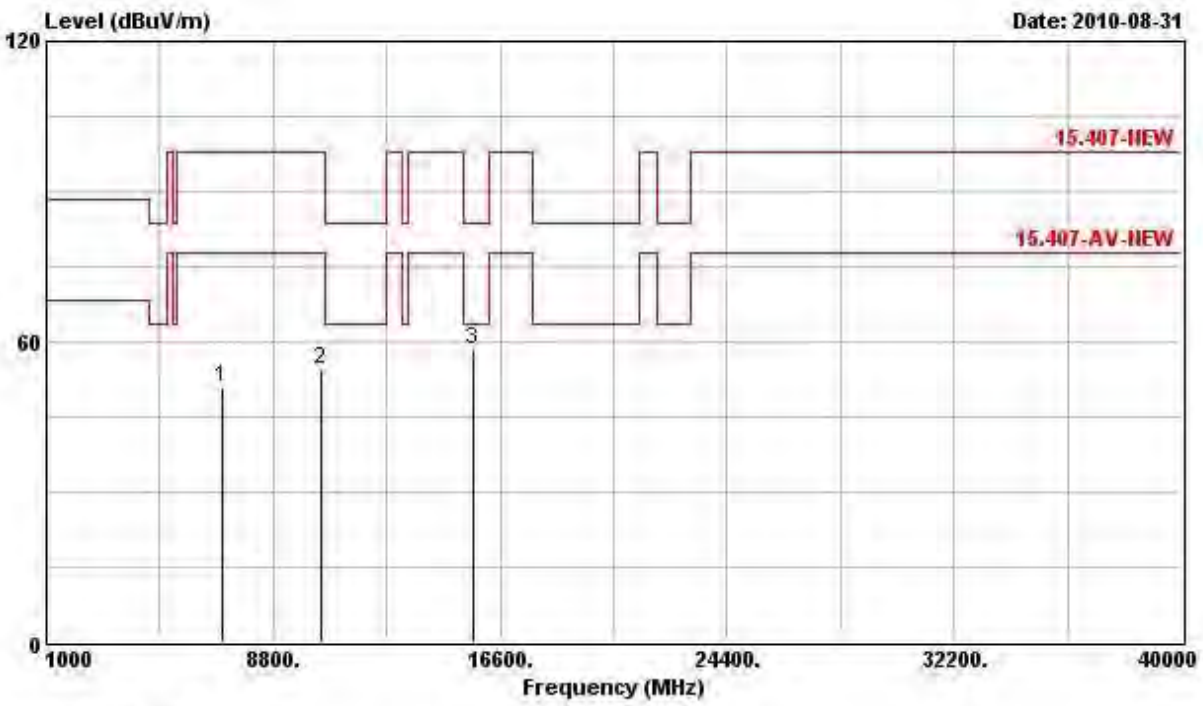
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8310.000	53.09	-24.75	77.84	42.83	37.97	5.34	33.05	---	---	PK
2	10362.000	54.55	-43.29	97.84	42.27	39.55	5.75	33.02	---	---	PEAK
3 @	15570.000	59.16	-4.38	63.54	45.94	38.39	7.30	32.48	---	---	PK

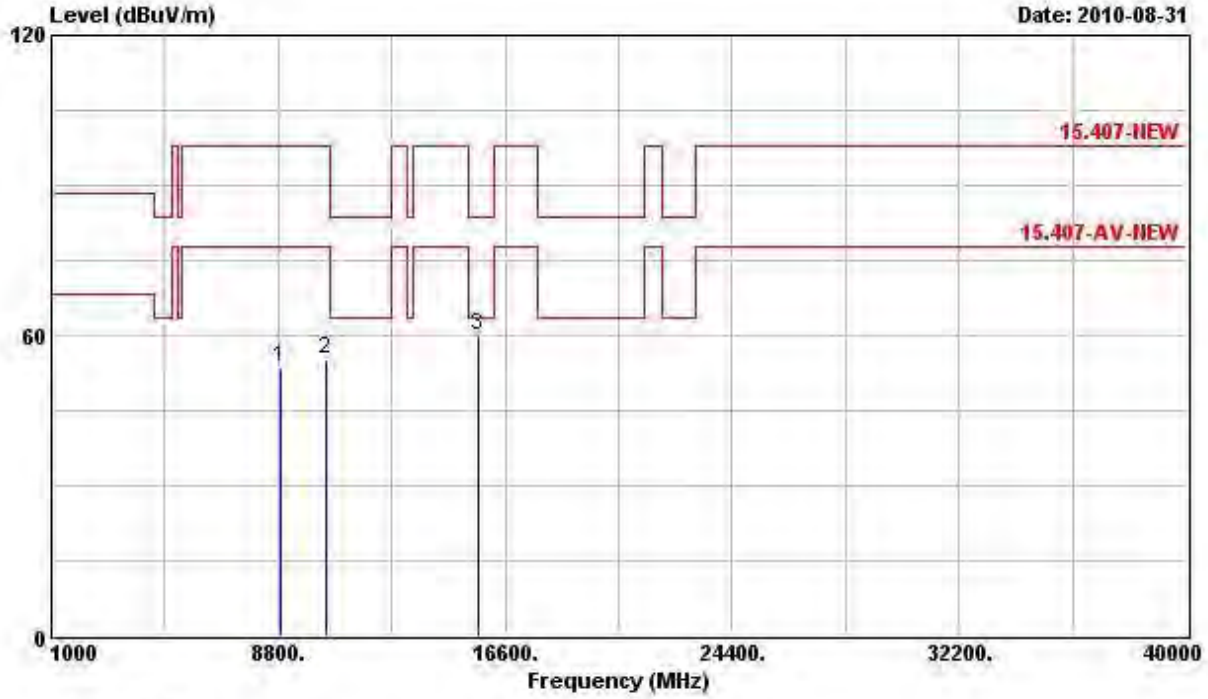
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 46 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7022.000	50.92	-46.92	97.84	43.30	36.13	4.31	32.82	---	---	PEAK
2	10464.000	54.58	-43.26	97.84	42.21	39.51	5.80	32.93	---	---	PEAK
3 @	15690.000	58.44	-5.10	63.54	45.39	38.20	7.39	32.53	---	---	PK

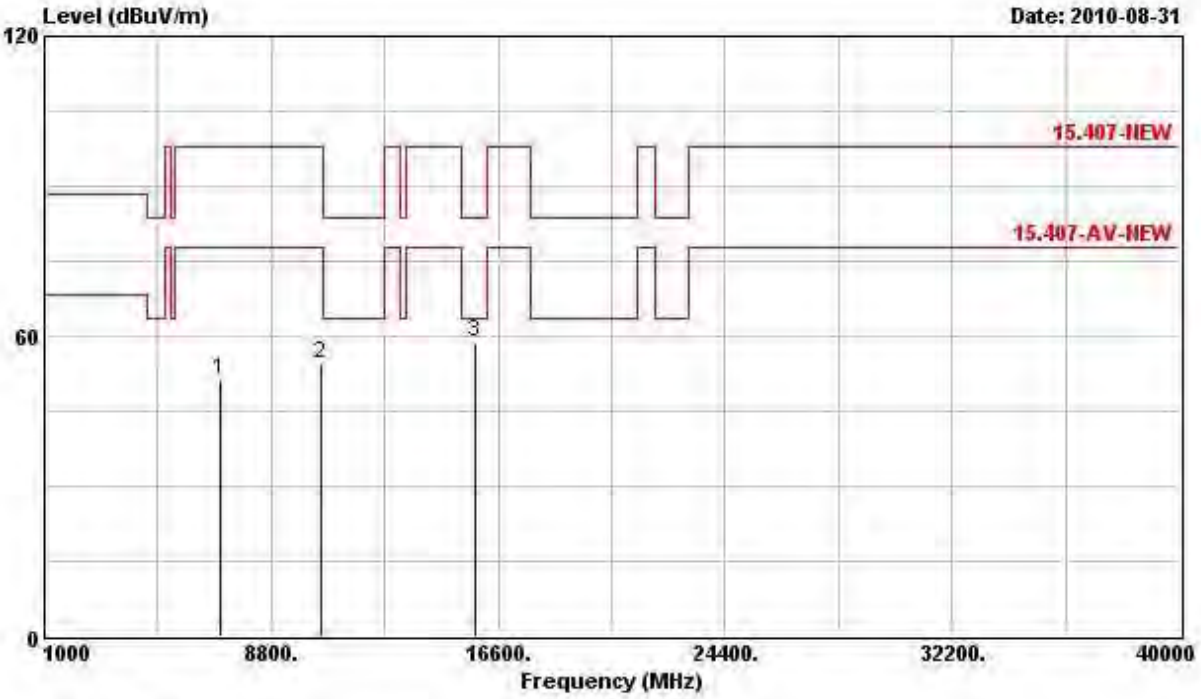
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8850.000	53.70	-44.14	97.84	43.20	38.48	5.19	33.17	---	---	PEAK
2	10460.000	55.31	-42.53	97.84	42.93	39.52	5.80	32.93	---	---	PEAK
3 @	15694.000	59.83	-3.71	63.54	46.77	38.20	7.39	32.53	---	---	PK

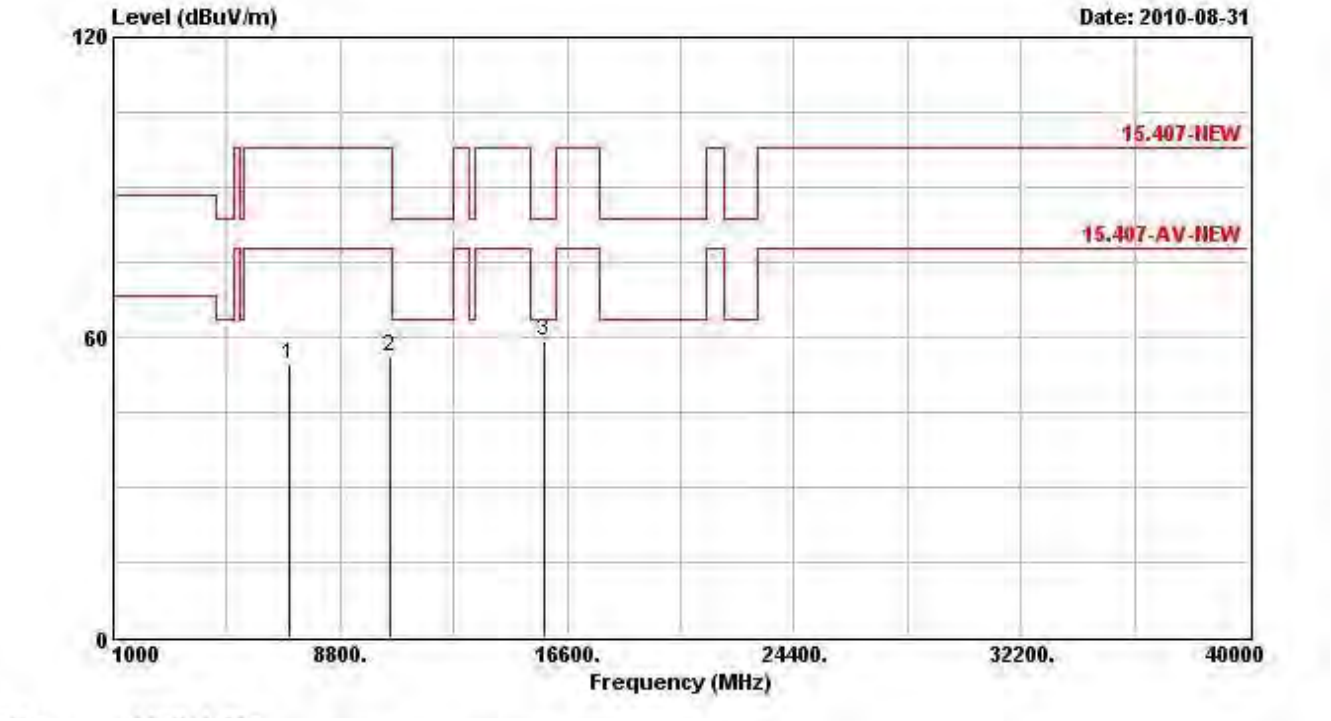
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 54 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7018.000	51.48	-46.36	97.84	43.86	36.13	4.31	32.82	---	---	PEAK
2	10540.000	54.44	-43.40	97.84	41.99	39.48	5.84	32.88	---	---	PEAK
3 @	15810.000	58.71	-4.83	63.54	45.81	38.00	7.47	32.58	---	---	PK

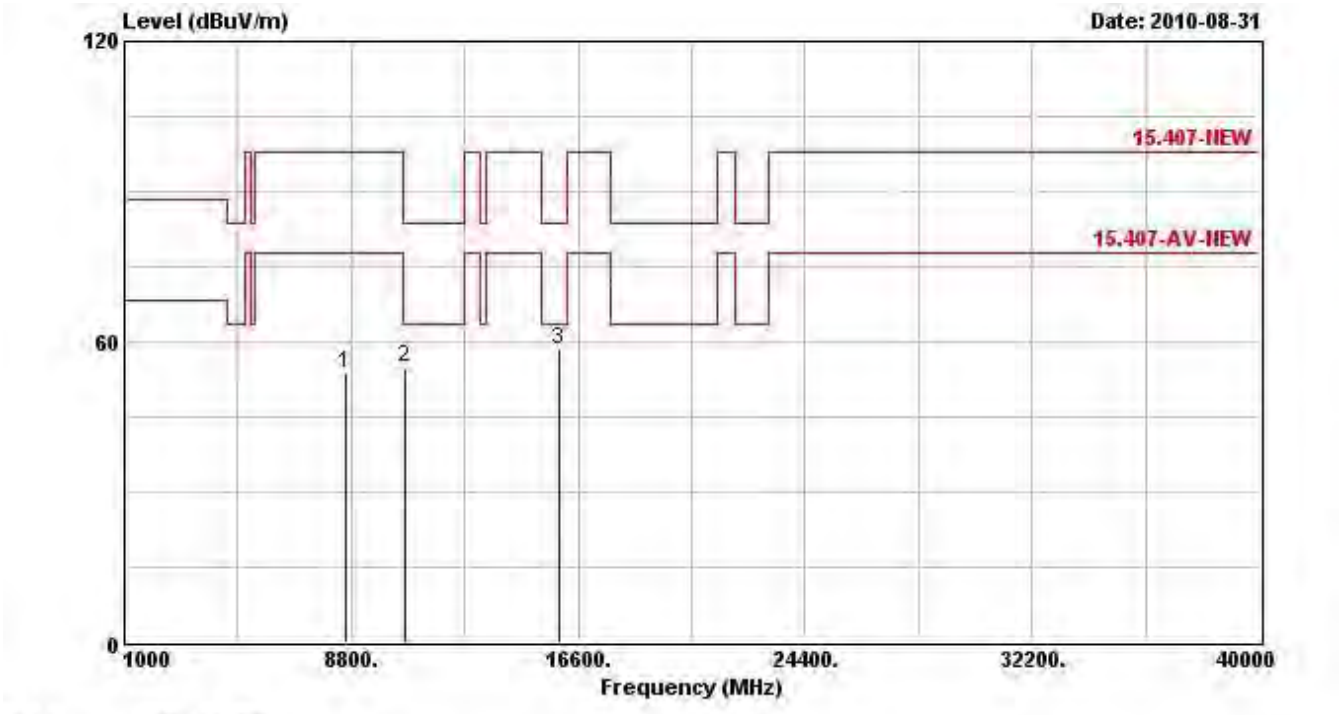
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7018.000	54.33	-43.51	97.84	46.71	36.13	4.31	32.82	---	---	PEAK
2	10540.000	56.19	-41.65	97.84	43.74	39.48	5.84	32.88	---	---	PEAK
3 @	15810.000	59.39	-4.15	63.54	46.50	38.00	7.47	32.58	---	---	PK

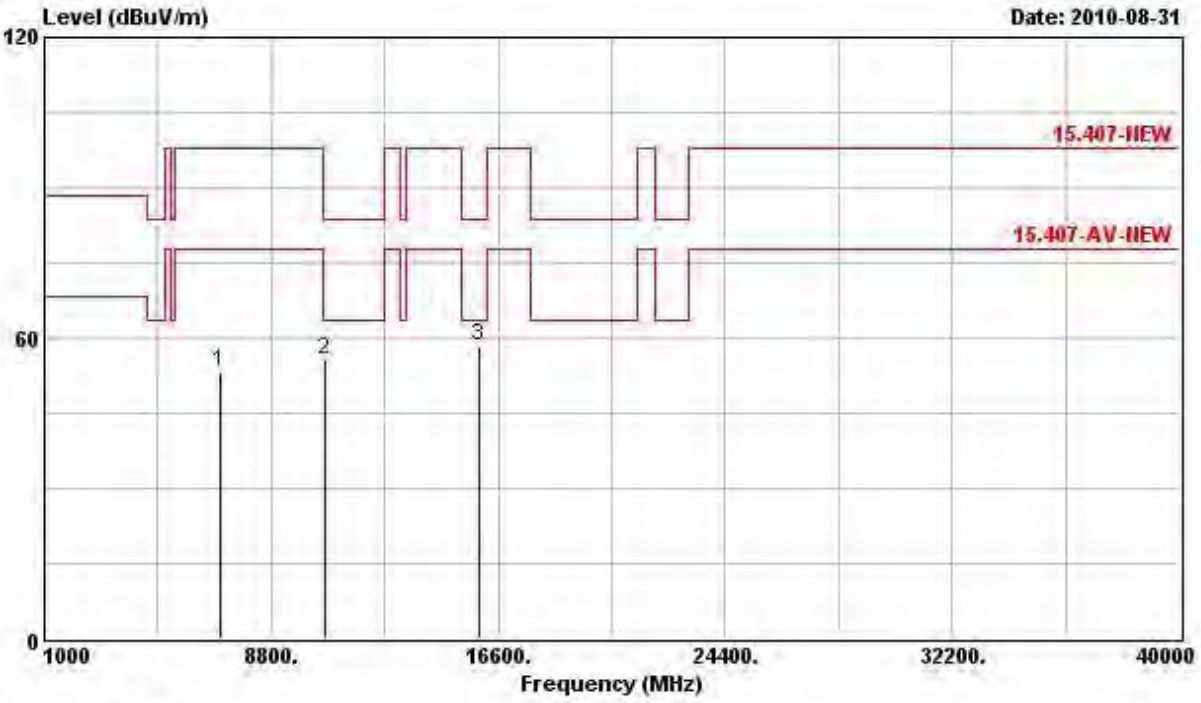
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 62 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8622.000	53.53	-44.31	97.84	43.03	38.29	5.30	33.09	---	---	PEAK
2 @	10620.000	54.84	-8.70	63.54	42.34	39.43	5.91	32.83	---	---	PK
3 @	15930.000	58.41	-5.13	63.54	45.66	37.81	7.56	32.62	---	---	PK

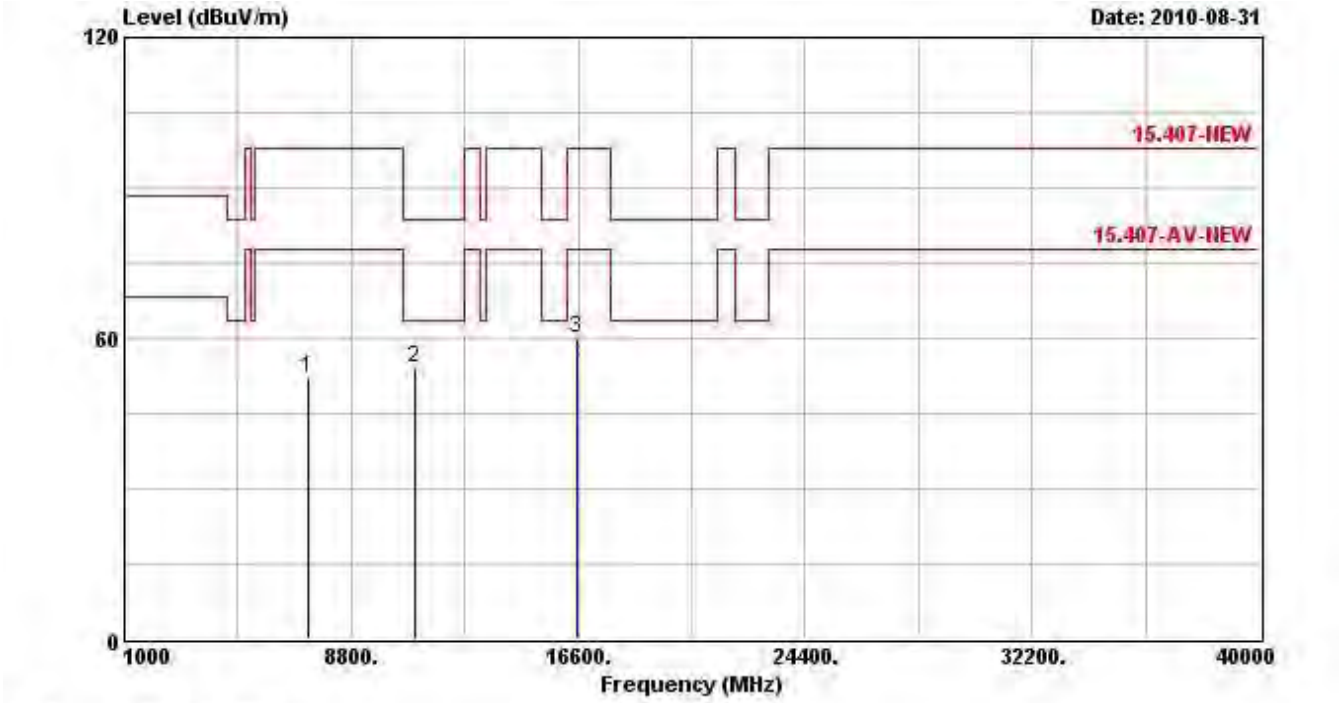
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7072.000	53.13	-44.71	97.84	45.38	36.22	4.36	32.83	---	---	PEAK
2 @	10620.000	55.50	-8.04	63.54	43.00	39.43	5.91	32.83	---	---	PK
3 @	15930.000	58.23	-5.31	63.54	45.48	37.81	7.56	32.62	---	---	PK

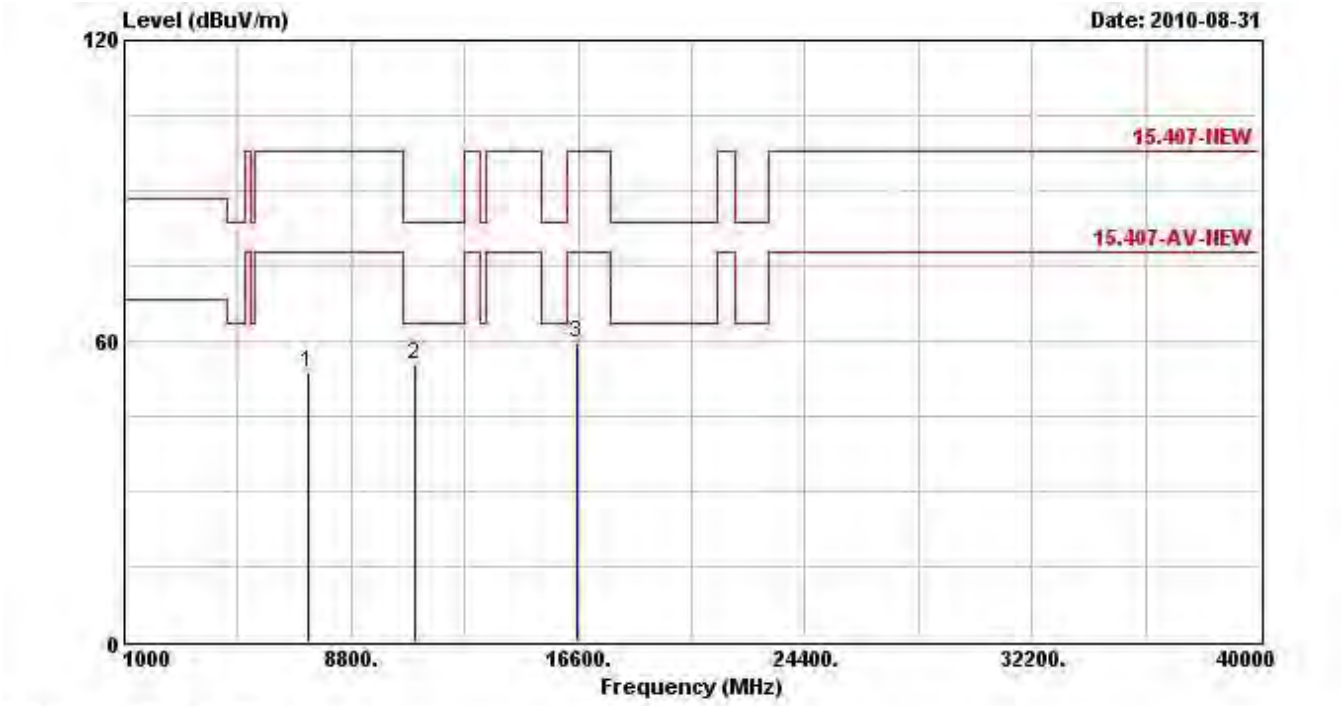
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 102 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7340.000	52.00	-25.84	77.84	43.50	36.72	4.70	32.92	---	---	PK
2	11020.000	54.21	-9.33	63.54	41.37	39.22	6.23	32.62	---	---	PK
3	16530.000	60.09	-37.75	97.84	46.03	38.69	7.60	32.23	---	---	PEAK

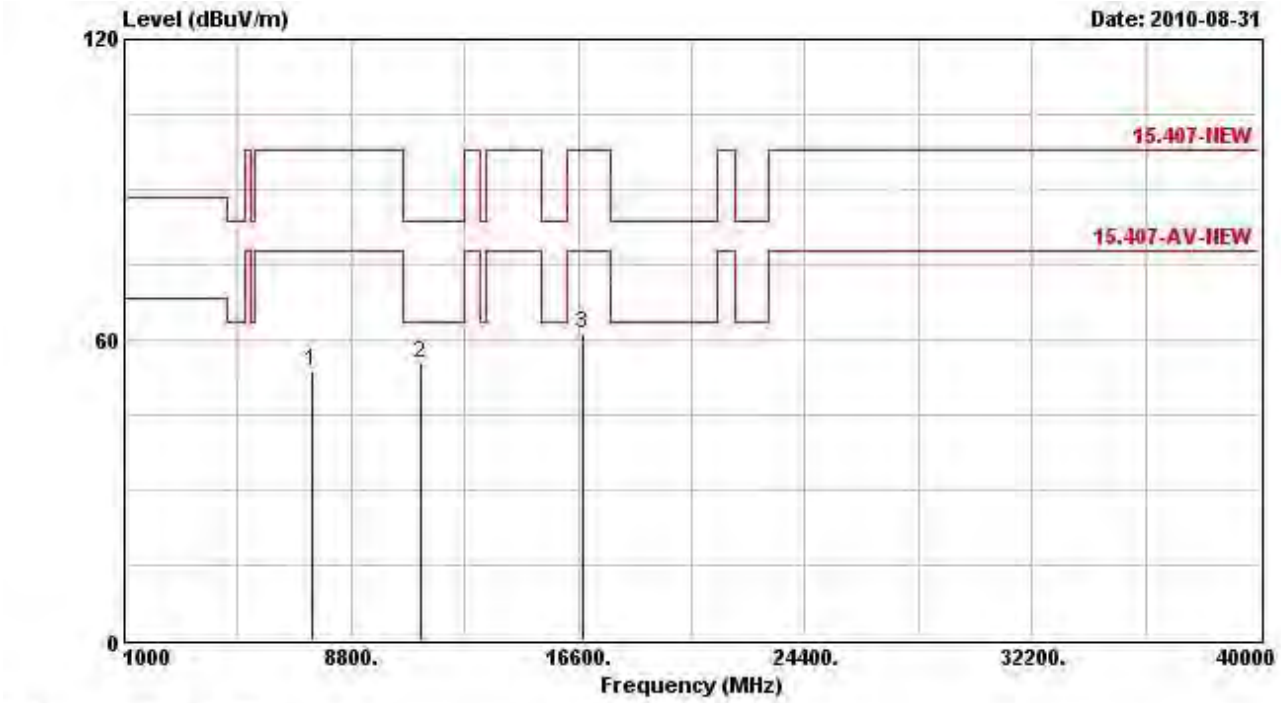
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7340.000	53.84	-24.00	77.84	45.33	36.72	4.70	32.92	---	---	PK
2 @	11020.000	55.42	-8.12	63.54	42.59	39.22	6.23	32.62	---	---	PK
3	16530.000	59.62	-38.22	97.84	45.55	38.69	7.60	32.23	---	---	PEAK

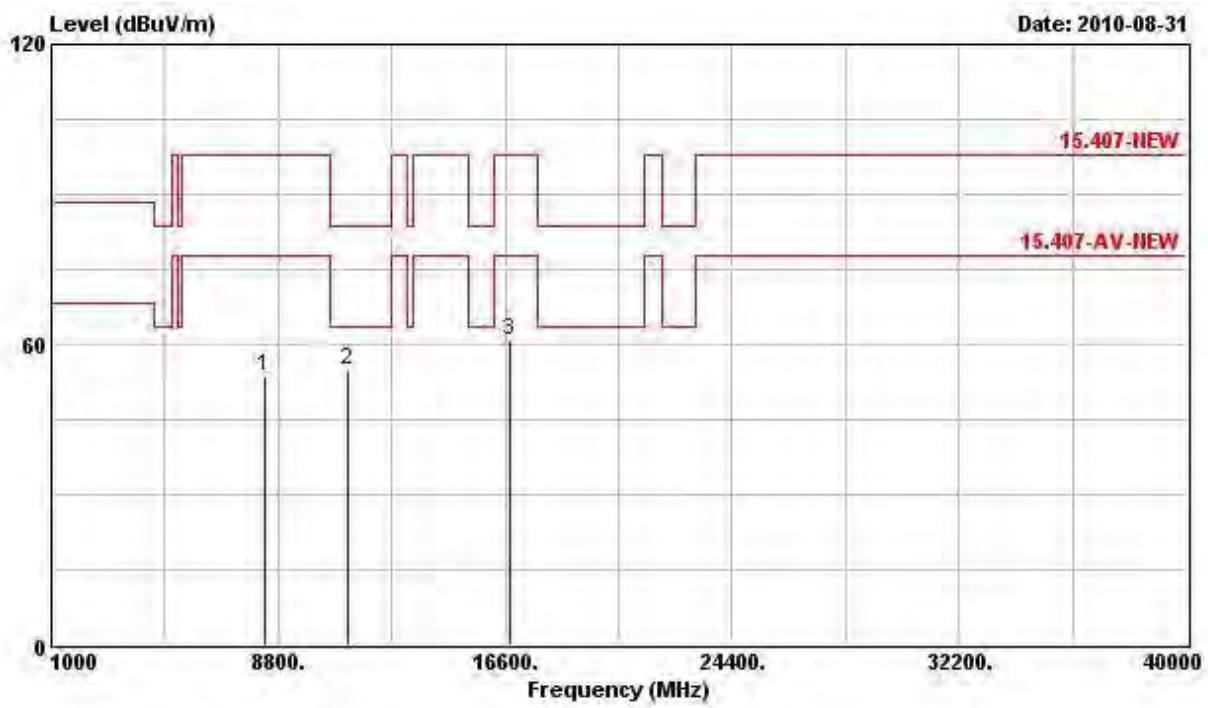
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 118 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7440.000	53.84	-24.00	77.84	45.09	36.91	4.80	32.95	---	---	PK
2 @	11180.000	55.13	-8.41	63.54	42.13	39.46	6.15	32.61	---	---	PK
3	16770.000	61.37	-36.47	97.84	45.77	40.04	7.49	31.93	---	---	PEAK

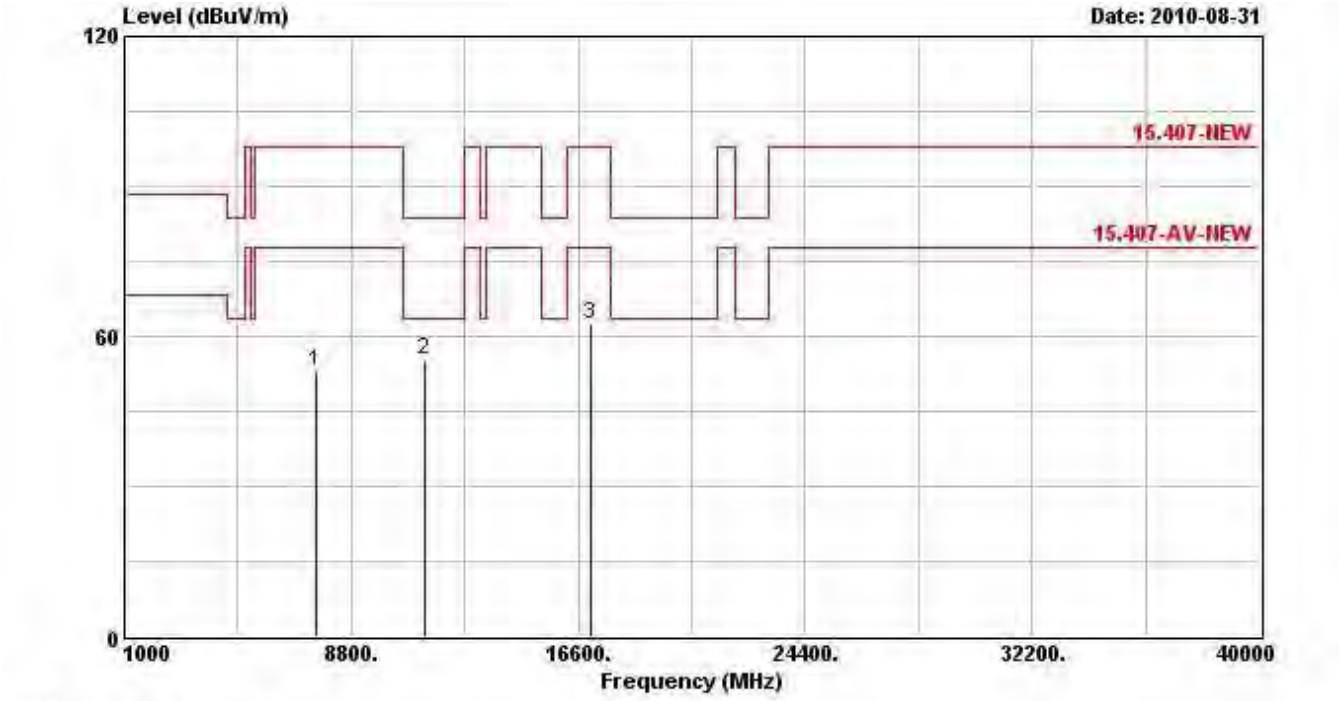
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8360.000	53.80	-24.04	77.84	43.47	38.03	5.35	33.05	---	---	PK
2 @	11180.000	54.90	-8.64	63.54	41.90	39.46	6.15	32.61	---	---	PK
3	16770.000	60.68	-37.16	97.84	45.07	40.04	7.49	31.93	---	---	PEAK

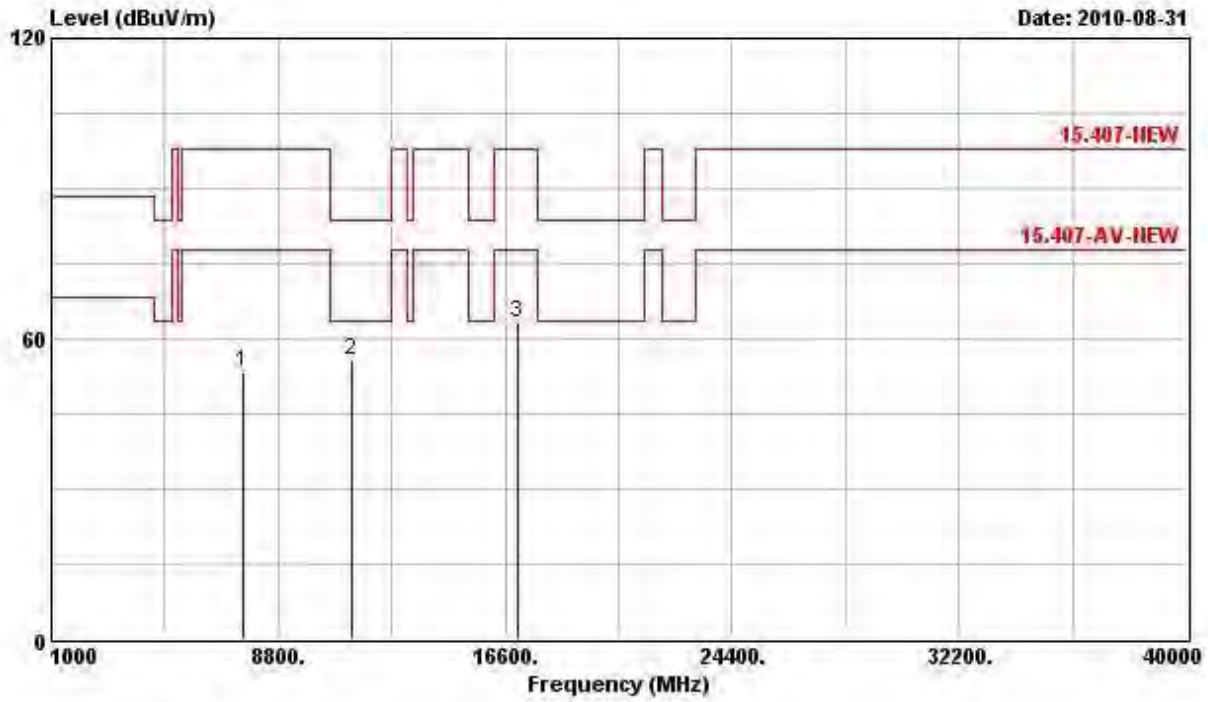
Final Test Date	Aug. 31, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 134 (40MHz) / (Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7560.000	53.00	-24.84	77.84	43.97	37.08	4.93	32.97	---	---	PK
2 @	11340.000	55.12	-8.42	63.54	41.97	39.67	6.07	32.59	---	---	PK
3	17008.000	62.56	-35.28	97.84	45.33	41.46	7.41	31.64	---	---	PEAK

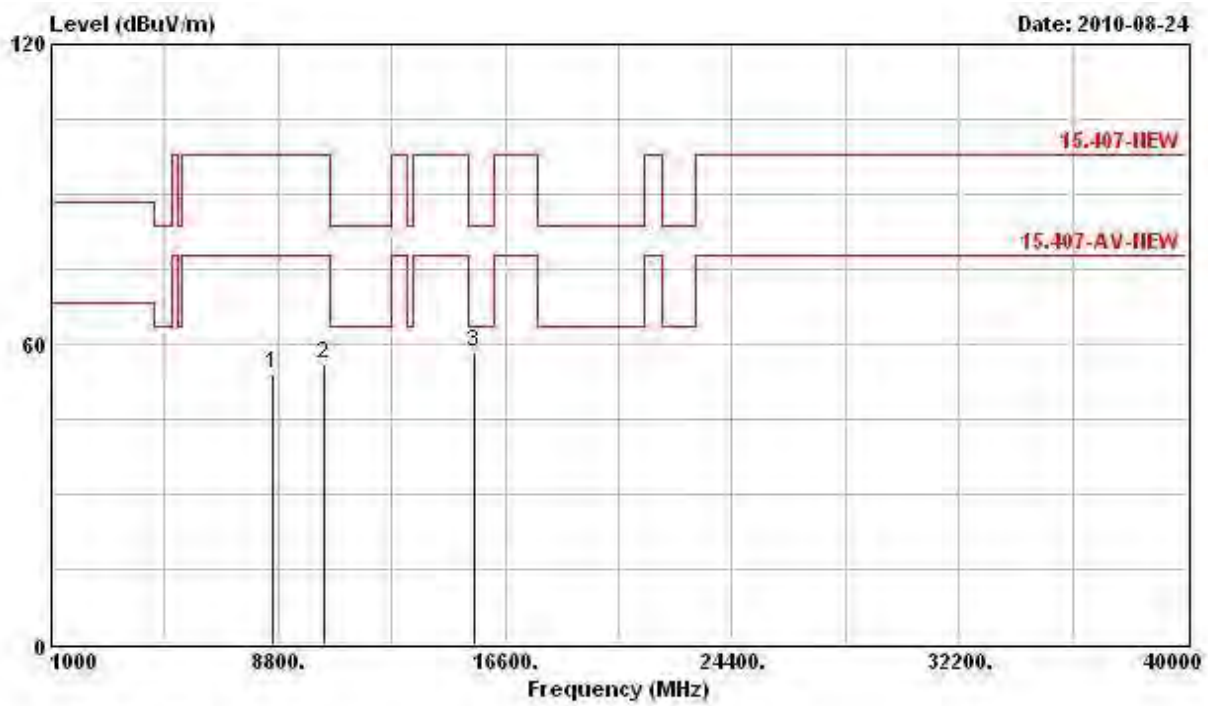
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7560.000	53.19	-24.65	77.84	44.15	37.08	4.93	32.97	---	---	PK
2 @	11340.000	55.53	-8.01	63.54	42.39	39.67	6.07	32.59	---	---	PK
3	17010.000	63.22	-34.62	97.84	46.00	41.46	7.41	31.64	---	---	PEAK

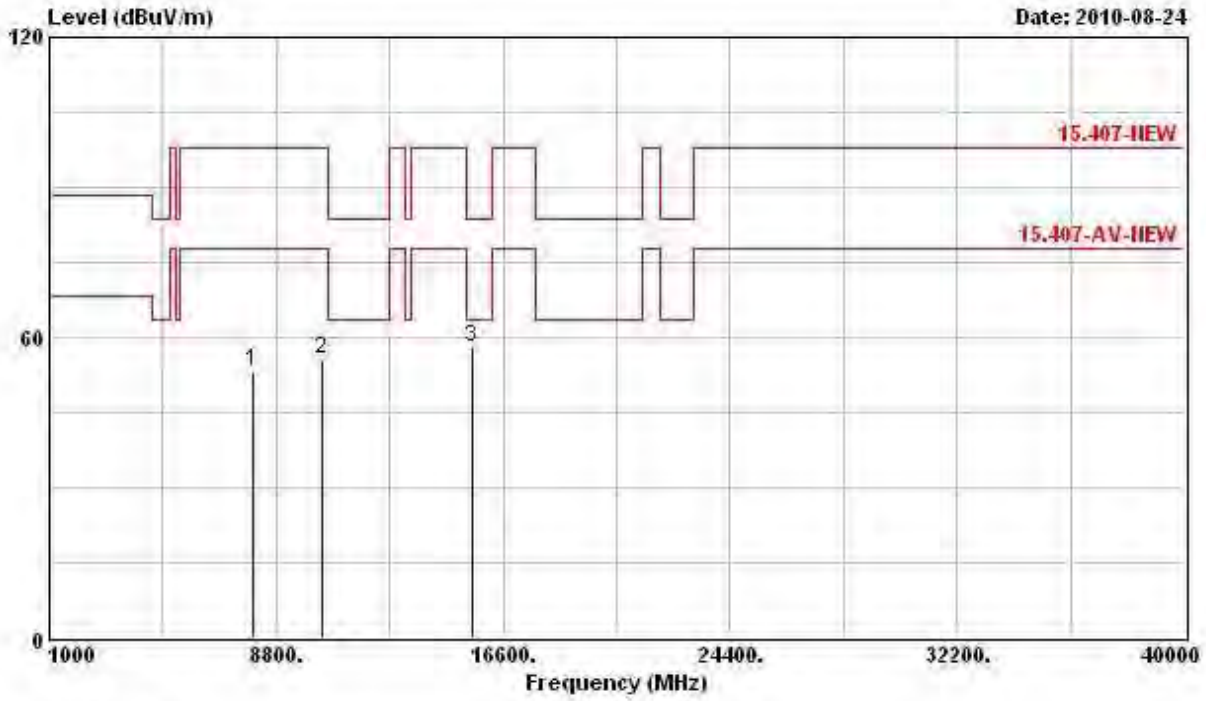
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 38 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8580.000	53.93	-43.91	97.84	43.42	38.27	5.33	33.08	---	---	PEAK
2	10380.000	56.05	-41.79	97.84	43.74	39.55	5.77	33.00	---	---	PEAK
3	15570.000	58.51	-5.03	63.54	45.29	38.39	7.30	32.48	---	---	PK

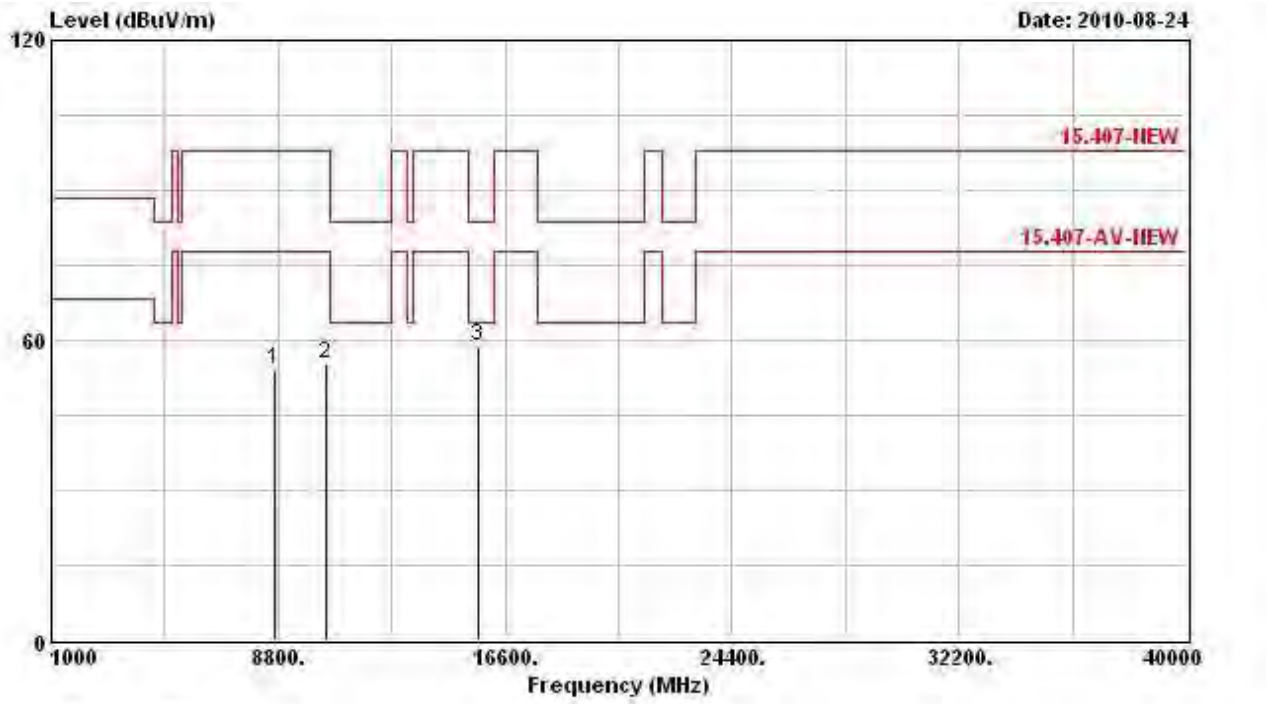
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8028.000	53.46	-24.38	77.84	43.59	37.62	5.30	33.05	---	---	PK
2	10380.000	55.50	-42.34	97.84	43.18	39.55	5.77	33.00	---	---	PEAK
3	15574.000	58.11	-5.43	63.54	44.91	38.39	7.30	32.49	---	---	PK

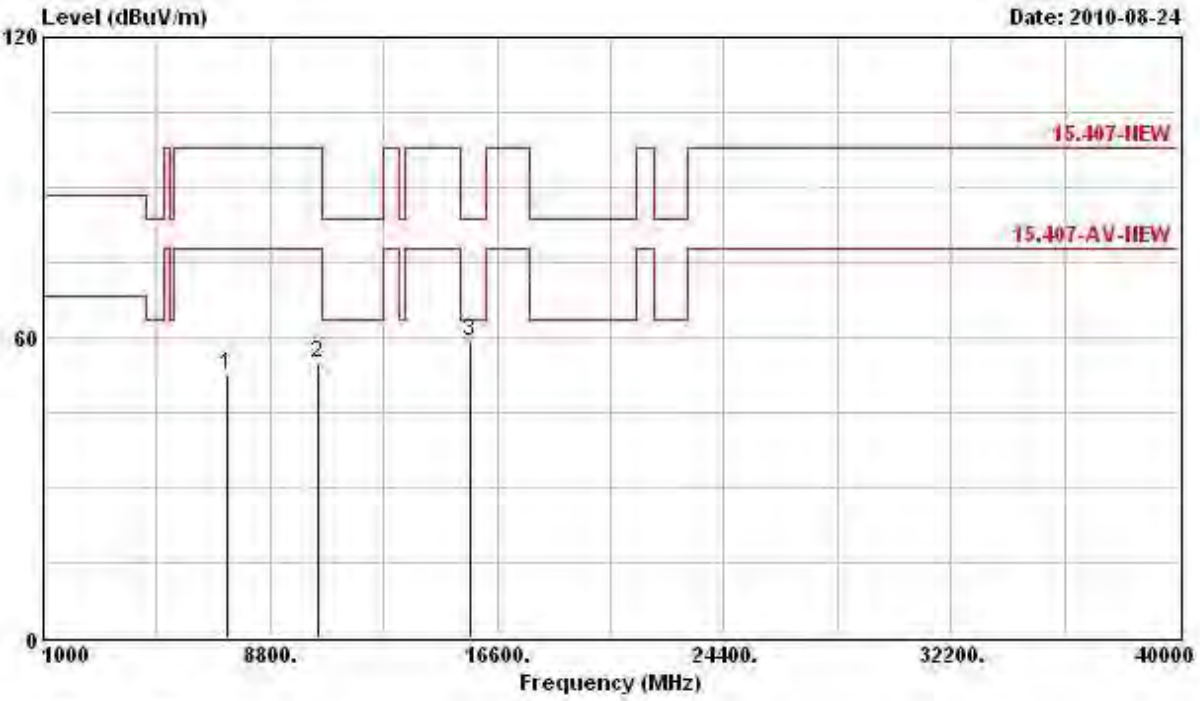
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 46 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8696.000	54.05	-43.79	97.84	43.55	38.36	5.26	33.12	---	---	PEAK
2	10460.000	55.34	-42.50	97.84	42.96	39.52	5.80	32.93	---	---	PEAK
3	15694.000	58.91	-4.63	63.54	45.86	38.20	7.39	32.53	---	---	PK

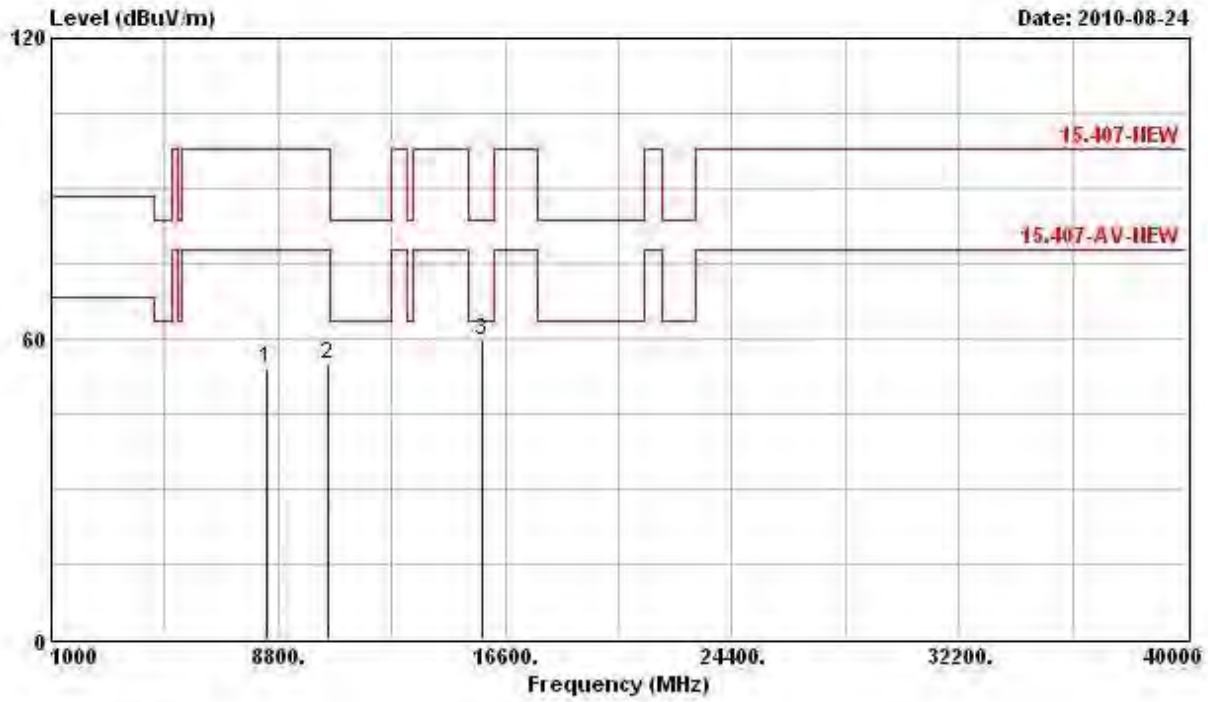
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7310.000	52.41	-25.43	77.84	44.00	36.66	4.65	32.90	---	---	PK
2	10460.000	55.02	-42.82	97.84	42.64	39.52	5.80	32.93	---	---	PEAK
3	15690.000	59.08	-4.46	63.54	46.03	38.20	7.39	32.53	---	---	PK

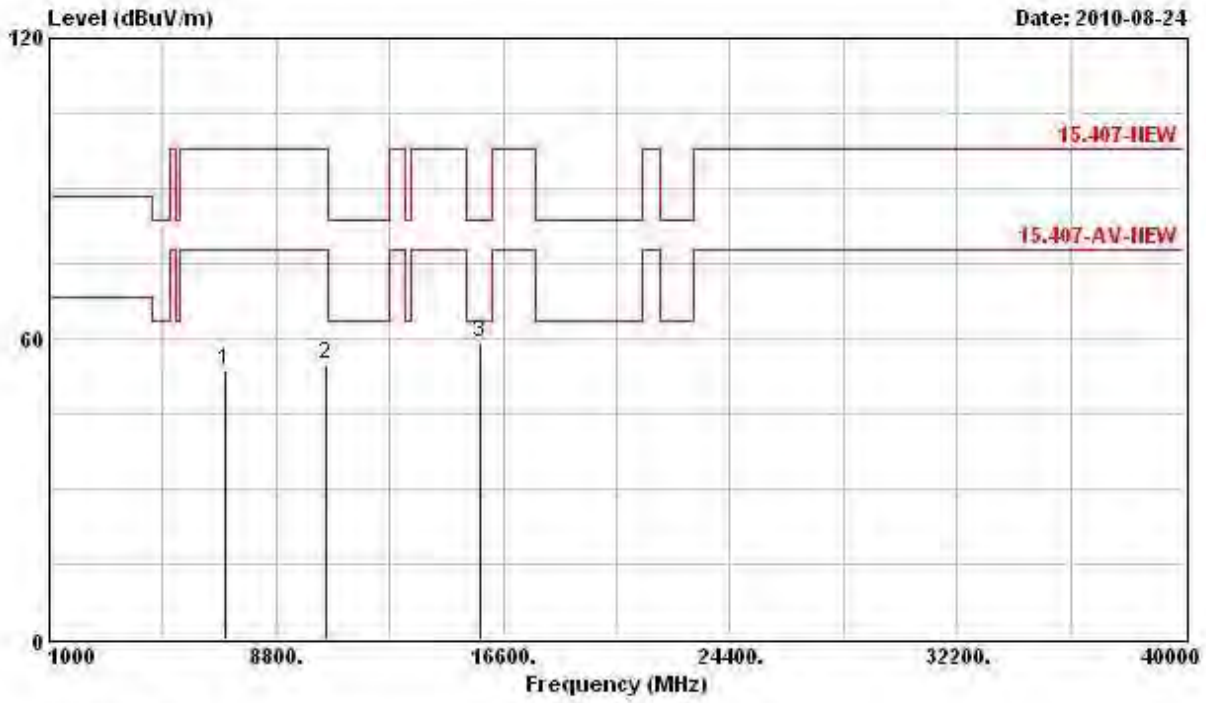
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 54 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8398.000	54.14	-23.70	77.84	43.76	38.08	5.35	33.05	---	---	PK
2	10544.000	54.79	-43.05	97.84	42.34	39.48	5.84	32.88	---	---	PEAK
3	15810.000	59.56	-3.98	63.54	46.67	38.00	7.47	32.58	---	---	PK

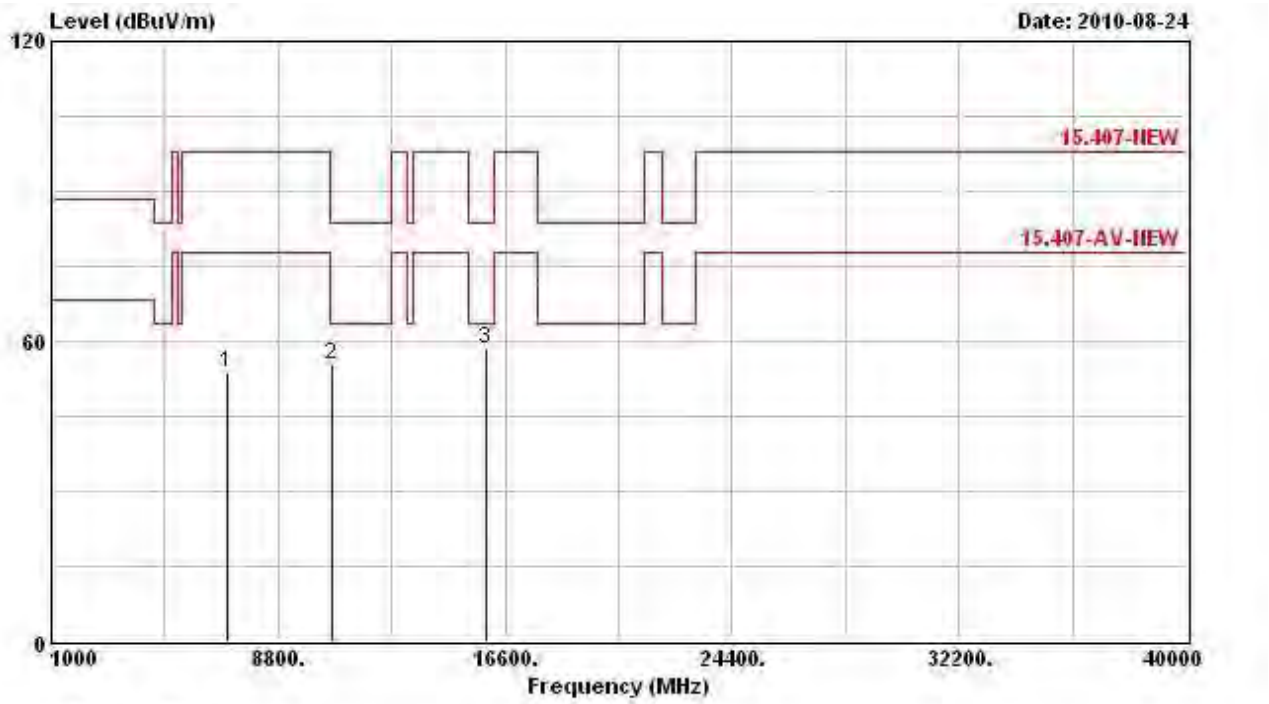
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7018.000	53.86	-43.98	97.84	46.24	36.13	4.31	32.82	---	---	PEAK
2	10540.000	55.03	-42.81	97.84	42.58	39.48	5.84	32.88	---	---	PEAK
3	15810.000	59.25	-4.29	63.54	46.35	38.00	7.47	32.58	---	---	PK

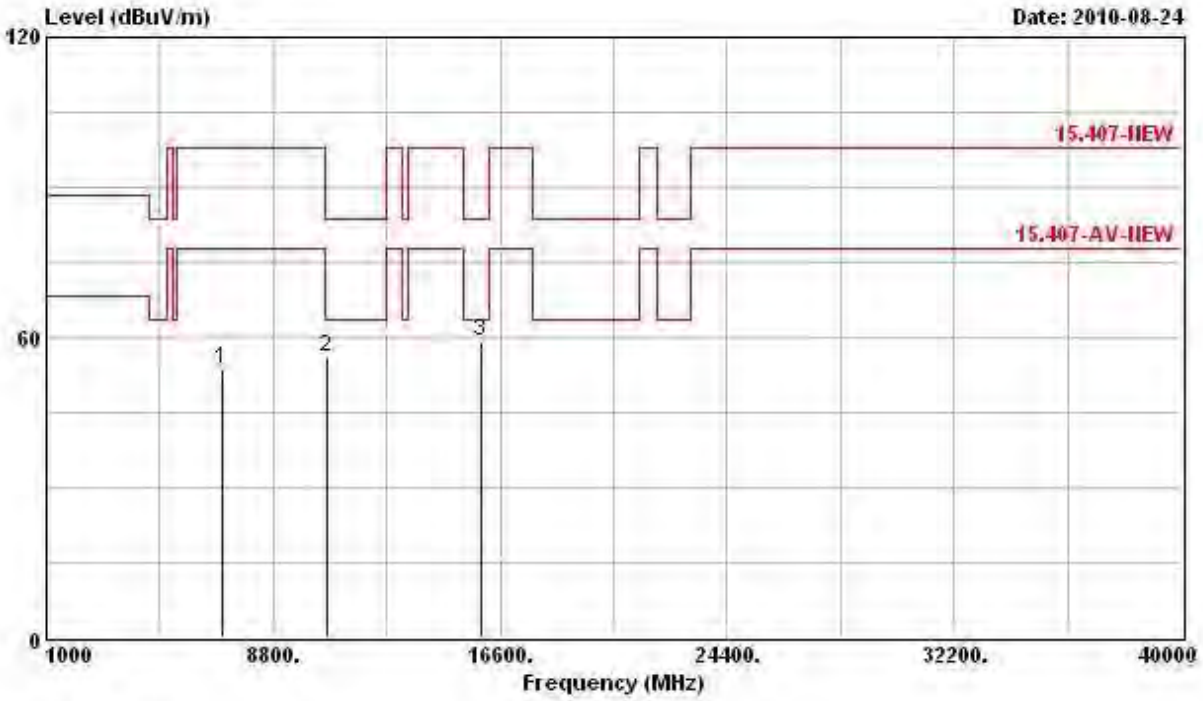
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 62 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7074.000	53.85	-43.99	97.84	46.11	36.22	4.36	32.83	---	---	PEAK
2	10620.000	55.27	-8.27	63.54	42.77	39.43	5.91	32.83	---	---	PK
3	15930.000	58.46	-5.08	63.54	45.71	37.81	7.56	32.62	---	---	PK

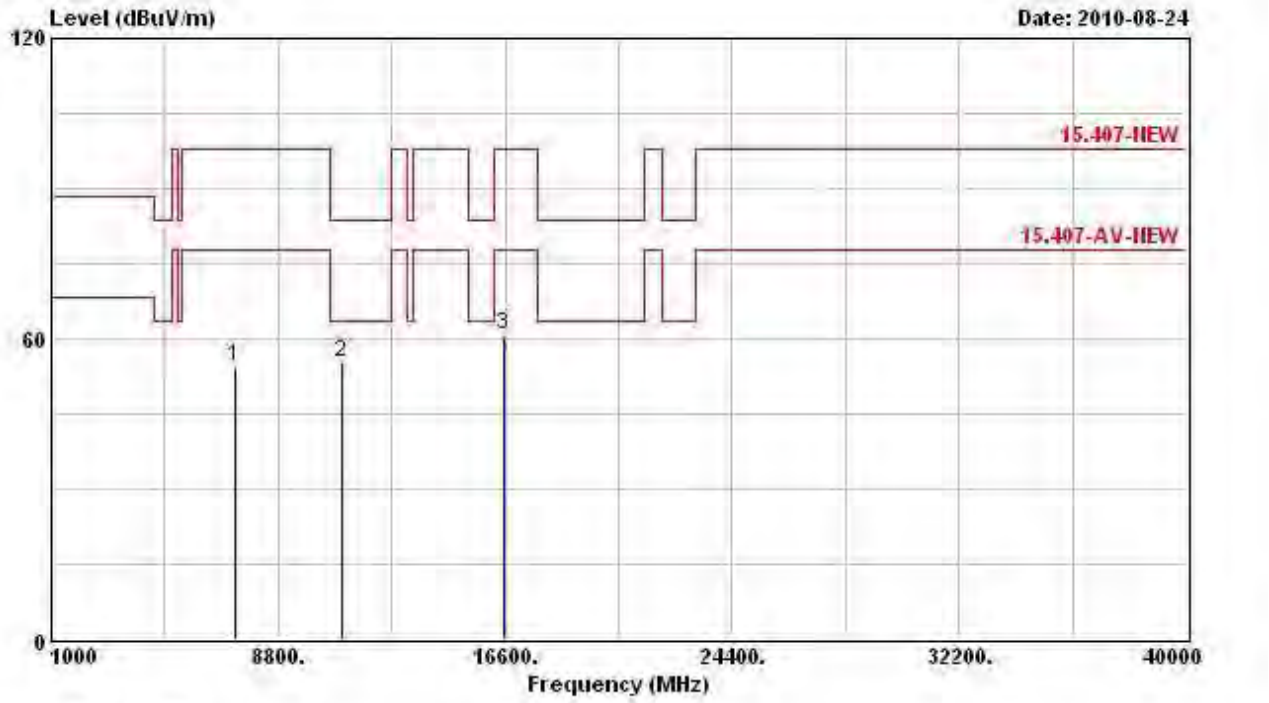
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7074.000	53.71	-44.13	97.84	45.96	36.22	4.36	32.83	---	---	PEAK
2	10620.000	56.02	-7.52	63.54	43.52	39.43	5.91	32.83	---	---	PK
3	15930.000	59.40	-4.14	63.54	46.66	37.81	7.56	32.62	---	---	PK

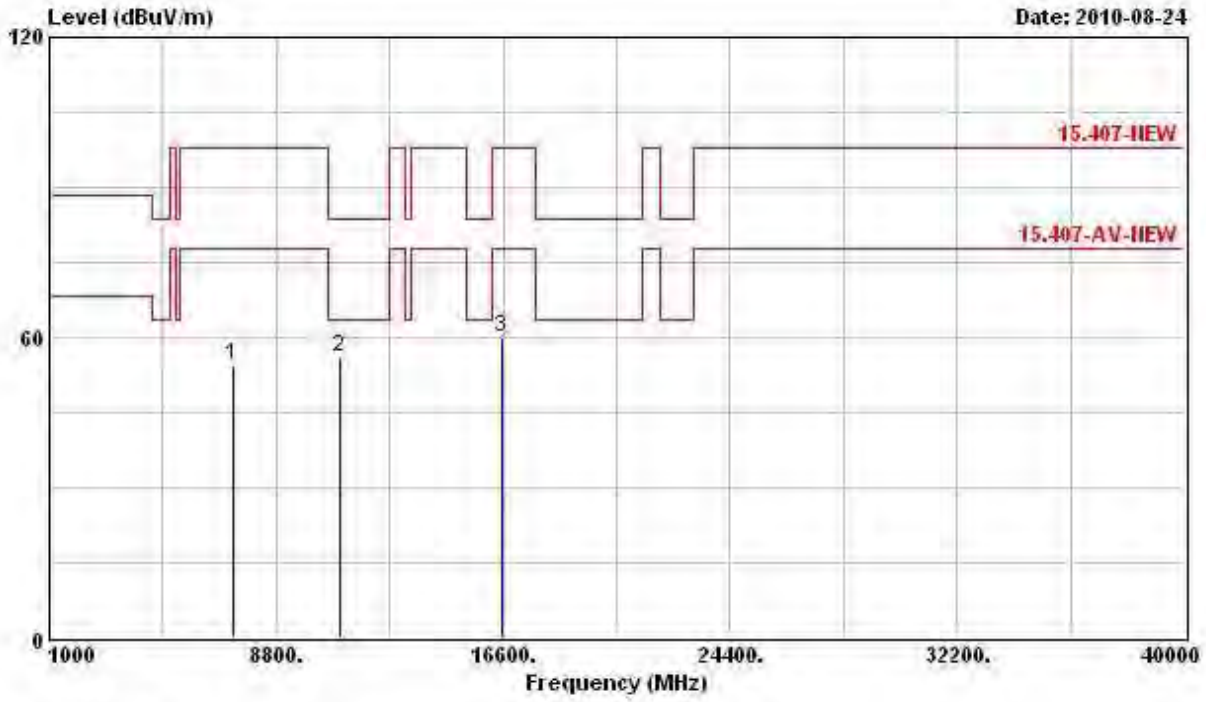
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 102 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7348.000	54.37	-23.47	77.84	45.87	36.72	4.70	32.92	---	---	PK
2	11020.000	55.46	-8.08	63.54	42.62	39.22	6.23	32.62	---	---	PK
3	16528.000	60.76	-37.08	97.84	46.79	38.60	7.60	32.23	---	---	PEAK

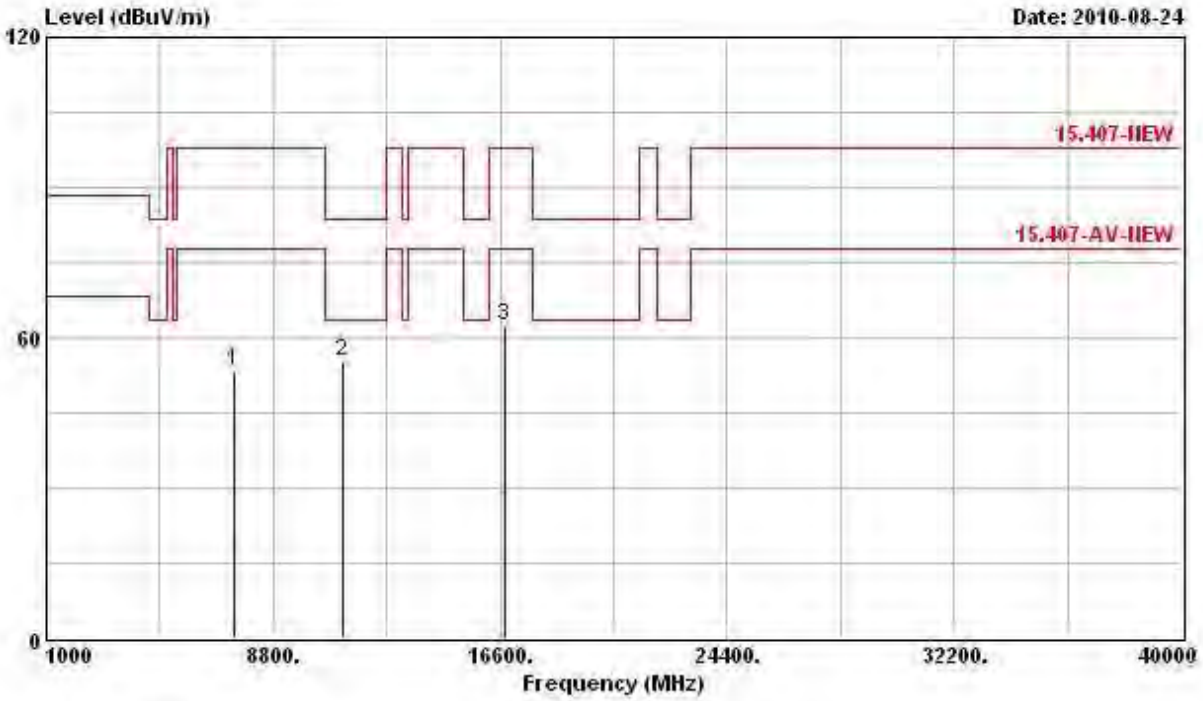
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7340.000	54.36	-23.48	77.84	45.86	36.72	4.70	32.92	---	---	PK
2	11020.000	56.17	-7.37	63.54	43.34	39.22	6.23	32.62	---	---	PK
3	16528.000	60.06	-37.78	97.84	46.09	38.60	7.60	32.23	---	---	PEAK

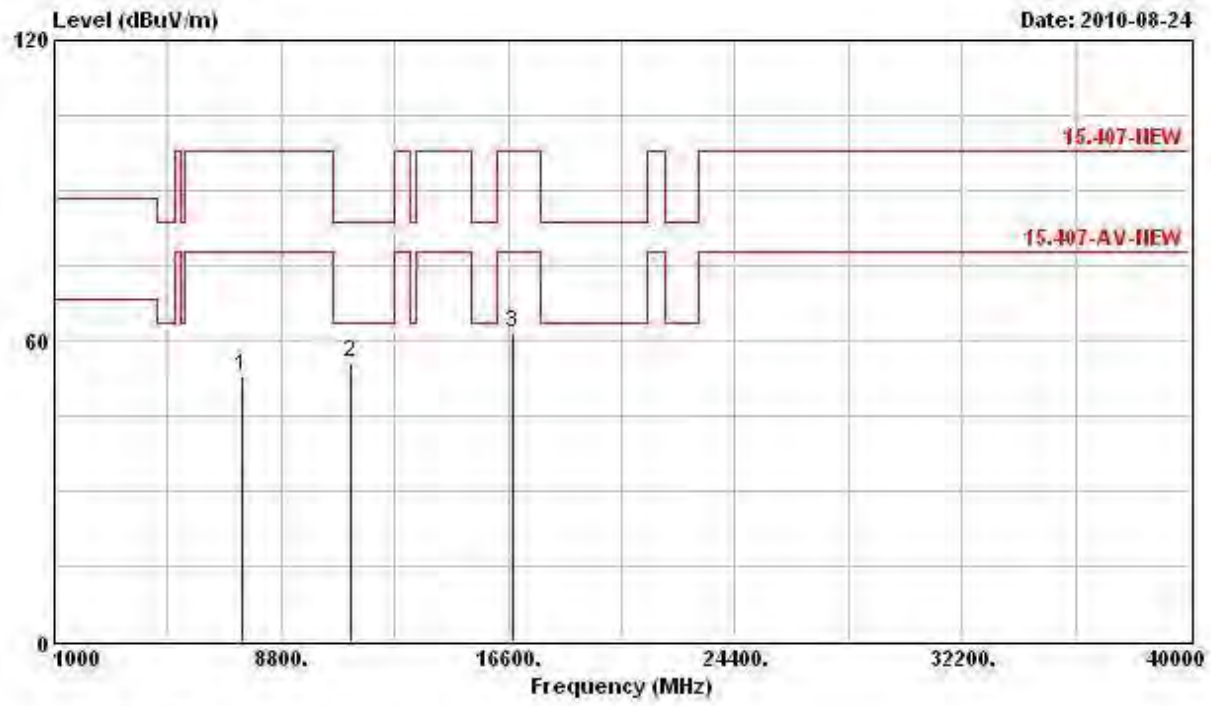
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 118 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7450.000	53.30	-24.54	77.84	44.49	36.91	4.85	32.95	---	---	PK
2	11180.000	55.07	-8.47	63.54	42.07	39.46	6.15	32.61	---	---	PK
3	16768.000	62.46	-35.38	97.84	46.84	40.04	7.51	31.93	---	---	PEAK

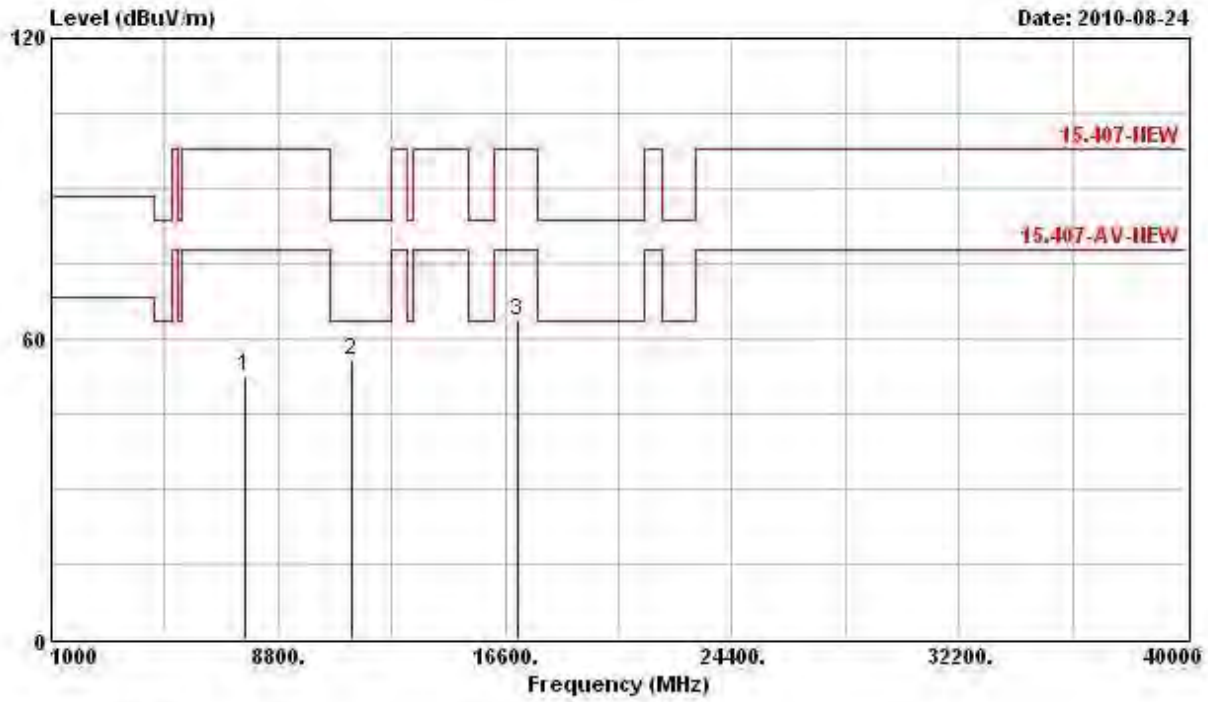
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7450.000	52.99	-24.85	77.84	44.19	36.91	4.85	32.95	---	---	PK
2	11180.000	55.56	-7.98	63.54	42.56	39.46	6.15	32.61	---	---	PK
3	16772.000	61.48	-36.36	97.84	45.84	40.04	7.49	31.90	---	---	PEAK

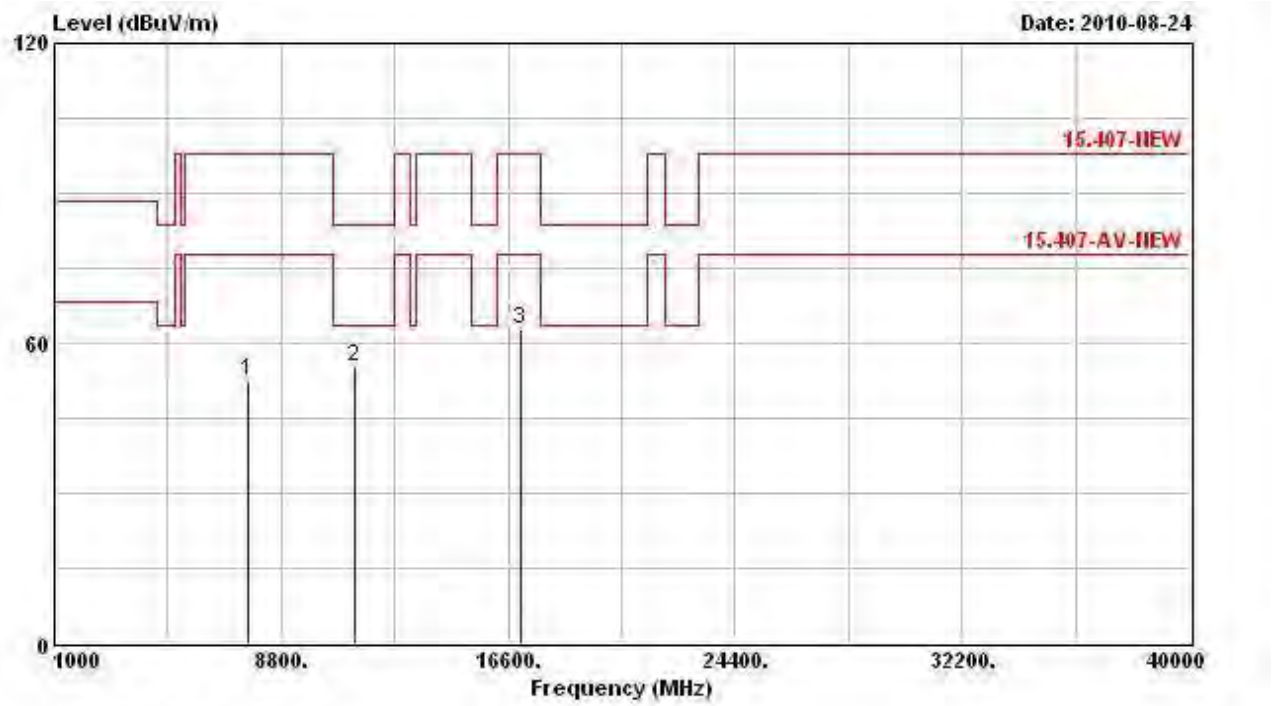
Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 134 (40MHz) / (Ant. A + Ant. B)

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7660.000	52.57	-25.27	77.84	43.34	37.20	5.02	32.99	---	---	PK
2	11340.000	55.66	-7.88	63.54	42.52	39.67	6.07	32.59	---	---	PK
3	17012.000	63.72	-34.12	97.84	46.50	41.46	7.41	31.64	---	---	PEAK

Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7680.000	52.59	-25.25	77.84	43.34	37.22	5.02	32.99	---	---	PK
2	11340.000	55.30	-8.24	63.54	42.16	39.67	6.07	32.59	---	---	PK
3	17010.000	62.58	-35.26	97.84	45.36	41.46	7.41	31.64	---	---	PEAK

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.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1m.

Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1m]) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor [9.54 dB].

3.3 Band Edge and Fundamental Emissions Measurement

3.3.1 Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). In addition, 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

3.3.2 Measuring Instruments and Setting

Please refer to section 4 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	1 MHz /1 MHz for Peak

3.3.3 Test Procedures

1. The test procedure is the same as section 3.6.3, only the frequency range investigated is limited to 100MHz around band edges.
2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

3.3.4 Test Setup Layout

This test setup layout is the same as that shown in section 3.6.4.

3.3.5 Test Deviation

There is no deviation with the original standard.

3.3.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.3.7 Test Result of Band Edge and Fundamental Emissions

Final Test Date	Aug. 14, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 36, 40, 48 (Ant. A)

Channel 36

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5101.400	67.88	-15.66	83.54	30.85	34.40	2.63	0.00	---	---	Peak
2 @	5176.300	106.04			68.77	34.48	2.79	0.00	---	---	Peak
1	5100.000	53.53	-10.01	63.54	16.50	34.40	2.63	0.00	---	---	Average
2 @	5177.500	95.50			58.23	34.48	2.79	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5100.600	66.70	-16.84	83.54	29.67	34.40	2.63	0.00	---	---	Peak
2 @	5196.900	105.34			67.97	34.50	2.87	0.00	---	---	Peak
3	5381.700	66.64	-16.90	83.54	28.69	34.68	3.27	0.00	---	---	Peak
1	5107.800	53.38	-10.16	63.54	16.26	34.42	2.71	0.00	---	---	Average
2 @	5195.400	94.98			57.61	34.50	2.87	0.00	---	---	Average
3	5392.200	53.98	-9.56	63.54	16.03	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 48

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5120.100	66.39	-17.15	83.54	29.27	34.42	2.71	0.00	---	---	Peak
2 @	5243.700	107.48			69.98	34.55	2.95	0.00	---	---	Peak
3	5385.000	66.65	-16.89	83.54	28.70	34.68	3.27	0.00	---	---	Peak
1	5104.500	53.45	-10.09	63.54	16.42	34.40	2.63	0.00	---	---	Average
2 @	5242.200	97.19			59.69	34.55	2.95	0.00	---	---	Average
3	5386.500	54.13	-9.41	63.54	16.18	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 14, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 52, 56, 64 (Ant. A)

Channel 52

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5105.400	66.42	-17.12	83.54	29.39	34.40	2.63	0.00	---	---	Peak
2 @	5256.600	104.40			66.90	34.55	2.95	0.00	---	---	Peak
3	5397.300	66.59	-16.95	83.54	28.62	34.70	3.27	0.00	---	---	Peak
1	5101.800	53.47	-10.07	63.54	16.44	34.40	2.63	0.00	---	---	Average
2 @	5266.500	93.83			56.23	34.57	3.03	0.00	---	---	Average
3	5381.700	54.04	-9.50	63.54	16.09	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 56

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5136.600	66.40	-17.14	83.54	29.26	34.43	2.71	0.00	---	---	Peak
2 @	5281.800	105.58			67.97	34.58	3.03	0.00	---	---	Peak
3	5382.900	66.85	-16.69	83.54	28.90	34.68	3.27	0.00	---	---	Peak
1	5106.600	53.35	-10.19	63.54	16.23	34.42	2.71	0.00	---	---	Average
2 @	5282.100	95.20			57.59	34.58	3.03	0.00	---	---	Average
3	5388.600	53.93	-9.61	63.54	15.98	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions

Channel 64

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5325.900	108.11			70.38	34.62	3.11	0.00	---	---	Peak
2	5350.700	67.62	-15.92	83.54	29.78	34.65	3.19	0.00	---	---	Peak
1 @	5322.600	98.23			60.50	34.62	3.11	0.00	---	---	Average
2	5352.300	54.02	-9.52	63.54	16.18	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 14, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 100, 120, 140 (Ant. A)

Channel 100

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5418.960	67.09	-16.45	83.54	29.02	34.72	3.35	0.00	---	---	Peak
2 @	5501.640	108.28			69.97	34.80	3.51	0.00	---	---	Peak
1	5409.840	53.47	-10.07	63.54	15.50	34.70	3.27	0.00	---	---	Average
2 @	5502.000	97.85			59.54	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 120

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5418.900	65.90	-17.64	83.54	27.83	34.72	3.35	0.00	---	---	Peak
2 @	5597.050	101.05			62.66	34.80	3.59	0.00	---	---	Peak
3	5739.850	65.75	-32.09	97.84	27.21	34.80	3.74	0.00	---	---	Peak
1	5402.100	53.24	-10.30	63.54	15.27	34.70	3.27	0.00	---	---	Average
2 @	5596.700	90.83			52.44	34.80	3.59	0.00	---	---	Average
3	5732.850	53.80	-24.04	77.84	15.26	34.80	3.74	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 140

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5702.120	102.46			63.96	34.80	3.70	0.00	---	---	Peak
2	5725.000	67.75	-30.09	97.84	29.25	34.80	3.70	0.00	---	---	Peak
1 @	5697.620	91.99			53.49	34.80	3.70	0.00	---	---	Average
2	5743.880	53.83	-24.01	77.84	15.29	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	Test Site No.	03CH03-HY
Temperature	26.8℃	Humidity	56%
Test Engineer	Daniel	Configuration	5GHz 802.11a Ch. 36, 40, 48 (Ant. B)

Channel 36

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5118.300	60.14	-23.40	83.54	23.02	34.42	2.71	0.00	---	---	Peak
2 @	5185.000	102.64			65.29	34.48	2.87	0.00	---	---	Peak
1	5100.200	47.98	-15.56	63.54	10.95	34.40	2.63	0.00	---	---	Average
2 @	5182.200	93.78			56.51	34.48	2.79	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5147.400	69.68	-13.86	83.54	32.44	34.45	2.79	0.00	---	---	Peak
2 @	5196.600	109.74			72.37	34.50	2.87	0.00	---	---	Peak
3	5378.100	70.26	-13.28	83.54	32.39	34.68	3.19	0.00	---	---	Peak
1 @	5108.100	56.21	-7.33	63.54	19.09	34.42	2.71	0.00	---	---	Average
2 @	5198.100	99.26			61.89	34.50	2.87	0.00	---	---	Average
3 @	5382.900	57.30	-6.24	63.54	19.35	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 48

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5149.800	70.38	-13.16	83.54	33.14	34.45	2.79	0.00	---	---	Peak
2 @	5236.500	112.64			75.16	34.53	2.95	0.00	---	---	Peak
3	5376.600	70.94	-12.60	83.54	33.08	34.67	3.19	0.00	---	---	Peak
1 @	5116.200	56.23	-7.31	63.54	19.11	34.42	2.71	0.00	---	---	Average
2 @	5236.500	102.03			64.55	34.53	2.95	0.00	---	---	Average
3 @	5395.800	57.33	-6.21	63.54	19.36	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 52, 56, 64 (Ant. B)

Channel 52

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5116.500	69.21	-14.33	83.54	32.09	34.42	2.71	0.00	---	---	Peak
2 @	5256.600	111.75			74.25	34.55	2.95	0.00	---	---	Peak
3	5380.500	70.06	-13.48	83.54	32.11	34.68	3.27	0.00	---	---	Peak
1 @	5112.600	56.25	-7.29	63.54	19.13	34.42	2.71	0.00	---	---	Average
2 @	5256.600	101.35			63.85	34.55	2.95	0.00	---	---	Average
3 @	5382.900	57.39	-6.15	63.54	19.44	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 56

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5122.500	69.76	-13.78	83.54	32.64	34.42	2.71	0.00	---	---	Peak
2 @	5281.800	110.51			72.90	34.58	3.03	0.00	---	---	Peak
3	5369.700	70.01	-13.53	83.54	32.15	34.67	3.19	0.00	---	---	Peak
1 @	5105.700	56.15	-7.39	63.54	19.03	34.42	2.71	0.00	---	---	Average
2 @	5277.000	100.38			62.77	34.58	3.03	0.00	---	---	Average
3 @	5387.400	57.38	-6.16	63.54	19.43	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions

Channel 64

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5322.200	110.35			72.62	34.62	3.11	0.00	---	---	Peak
2	5359.400	71.47	-12.07	83.54	33.63	34.65	3.19	0.00	---	---	Peak
1 @	5322.700	99.88			62.15	34.62	3.11	0.00	---	---	Average
2 @	5353.400	57.35	-6.19	63.54	19.51	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11a Ch. 100, 120, 140 (Ant. B)

Channel 100

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5457.960	70.91	-12.63	83.54	32.73	34.75	3.43	0.00	---	---	Peak
2 @	5504.040	108.96			70.65	34.80	3.51	0.00	---	---	Peak
1 @	5421.360	56.73	-6.81	63.54	18.66	34.72	3.35	0.00	---	---	Average
2 @	5503.440	98.60			60.29	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 120

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5441.300	69.75	-13.79	83.54	31.66	34.73	3.35	0.00	---	---	Peak
2 @	5596.700	109.91			71.52	34.80	3.59	0.00	---	---	Peak
3	5734.250	70.07	-27.77	97.84	31.53	34.80	3.74	0.00	---	---	Peak
1 @	5404.900	56.66	-6.88	63.54	18.69	34.70	3.27	0.00	---	---	Average
2 @	5593.900	99.57			61.18	34.80	3.59	0.00	---	---	Average
3	5725.500	57.69	-20.15	77.84	19.19	34.80	3.70	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 140

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5705.720	109.16			70.66	34.80	3.70	0.00	---	---	Peak
2	5744.660	71.70	-26.14	97.84	33.16	34.80	3.74	0.00	---	---	Peak
1 @	5702.120	98.27			59.77	34.80	3.70	0.00	---	---	Average
2	5738.120	57.41	-20.43	77.84	18.87	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 16, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 36, 40, 48 (20MHz) / (Ant. A)

Channel 36

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5107.500	70.68	-12.86	83.54	33.56	34.42	2.71	0.00	---	---	Peak
2 @	5183.100	109.14			71.87	34.48	2.79	0.00	---	---	Peak
1	5115.800	56.42	-7.12	63.54	19.30	34.42	2.71	0.00	---	---	Average
2 @	5182.700	98.63			61.36	34.48	2.79	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5126.100	69.69	-13.85	83.54	32.55	34.43	2.71	0.00	---	---	Peak
2 @	5197.800	109.10			71.73	34.50	2.87	0.00	---	---	Peak
3	5391.000	70.52	-13.02	83.54	32.57	34.68	3.27	0.00	---	---	Peak
1	5112.900	56.31	-7.23	63.54	19.19	34.42	2.71	0.00	---	---	Average
2 @	5196.600	98.52			61.15	34.50	2.87	0.00	---	---	Average
3	5392.500	57.58	-5.96	63.54	19.63	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 48

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5131.800	68.90	-14.64	83.54	31.76	34.43	2.71	0.00	---	---	Peak
2 @	5245.800	109.88			72.38	34.55	2.95	0.00	---	---	Peak
3	5393.700	70.28	-13.26	83.54	32.33	34.68	3.27	0.00	---	---	Peak
1	5104.500	56.37	-7.17	63.54	19.34	34.40	2.63	0.00	---	---	Average
2 @	5243.400	99.46			61.96	34.55	2.95	0.00	---	---	Average
3	5391.300	57.62	-5.92	63.54	19.67	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 16, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 52, 56, 64 (20MHz) / (Ant. A)

Channel 52

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5133.000	68.91	-14.63	83.54	31.77	34.43	2.71	0.00	---	---	Peak
2 @	5265.300	111.68			74.08	34.57	3.03	0.00	---	---	Peak
3	5356.500	70.19	-13.35	83.54	32.35	34.65	3.19	0.00	---	---	Peak
1	5105.400	56.36	-7.18	63.54	19.33	34.40	2.63	0.00	---	---	Average
2 @	5265.300	101.08			63.48	34.57	3.03	0.00	---	---	Average
3	5391.000	57.56	-5.98	63.54	19.61	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 56

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5115.000	69.16	-14.38	83.54	32.04	34.42	2.71	0.00	---	---	Peak
2 @	5283.300	109.77			72.16	34.58	3.03	0.00	---	---	Peak
3	5364.600	69.98	-13.56	83.54	32.12	34.67	3.19	0.00	---	---	Peak
1	5110.500	56.33	-7.21	63.54	19.21	34.42	2.71	0.00	---	---	Average
2 @	5283.000	99.18			61.57	34.58	3.03	0.00	---	---	Average
3	5398.500	57.45	-6.09	63.54	19.48	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 64

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5323.100	113.16			75.43	34.62	3.11	0.00	---	---	Peak
2	5352.200	71.26	-12.28	83.54	33.42	34.65	3.19	0.00	---	---	Peak
1 @	5322.700	102.57			64.84	34.62	3.11	0.00	---	---	Average
2	5351.000	57.53	-6.01	63.54	19.69	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 16, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 100, 120, 140 (20MHz) / (Ant. A)

Channel 100

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5459.880	70.29	-13.25	83.54	32.11	34.75	3.43	0.00	---	---	Peak
2 @	5503.080	107.55			69.24	34.80	3.51	0.00	---	---	Peak
1	5404.200	56.87	-6.67	63.54	18.90	34.70	3.27	0.00	---	---	Average
2 @	5502.960	96.47			58.16	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 120

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5430.130	69.64	-13.90	83.54	31.55	34.73	3.35	0.00	---	---	Peak
2 @	5596.250	112.55			74.16	34.80	3.59	0.00	---	---	Peak
3	5747.750	70.29	-27.55	97.84	31.75	34.80	3.74	0.00	---	---	Peak
1	5421.130	57.03	-6.51	63.54	18.96	34.72	3.35	0.00	---	---	Average
2 @	5602.630	102.03			63.64	34.80	3.59	0.00	---	---	Average
3	5728.630	57.93	-19.91	77.84	19.43	34.80	3.70	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 140

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5696.420	108.91			70.41	34.80	3.70	0.00	---	---	Peak
2	5738.180	71.97	-25.87	97.84	33.43	34.80	3.74	0.00	---	---	Peak
1 @	5696.840	98.36			59.86	34.80	3.70	0.00	---	---	Average
2	5749.460	57.84	-20.00	77.84	19.30	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 36, 40, 48 (20MHz) / (Ant. B)

Channel 36

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5147.100	70.53	-13.01	83.54	33.29	34.45	2.79	0.00	---	---	Peak
2 @	5183.100	113.94			76.67	34.48	2.79	0.00	---	---	Peak
1 @	5149.990	56.04	-7.50	63.54	18.80	34.45	2.79	0.00	---	---	Average
2 @	5183.100	103.22			65.95	34.48	2.79	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5123.400	69.07	-14.47	83.54	31.93	34.43	2.71	0.00	---	---	Peak
2 @	5202.900	112.85			75.48	34.50	2.87	0.00	---	---	Peak
3	5358.900	69.84	-13.70	83.54	32.00	34.65	3.19	0.00	---	---	Peak
1 @	5116.500	56.05	-7.49	63.54	18.93	34.42	2.71	0.00	---	---	Average
2 @	5202.900	102.37			65.00	34.50	2.87	0.00	---	---	Average
3 @	5395.800	57.18	-6.36	63.54	19.21	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 48

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5122.200	68.36	-15.18	83.54	31.24	34.42	2.71	0.00	---	---	Peak
2 @	5243.400	113.67			76.17	34.55	2.95	0.00	---	---	Peak
3	5355.300	69.92	-13.62	83.54	32.08	34.65	3.19	0.00	---	---	Peak
1 @	5114.100	56.03	-7.51	63.54	18.91	34.42	2.71	0.00	---	---	Average
2 @	5242.500	103.55			66.05	34.55	2.95	0.00	---	---	Average
3 @	5398.200	57.24	-6.30	63.54	19.27	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 52, 56, 64 (20MHz) / (Ant. B)

Channel 52

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5104.500	68.85	-14.69	83.54	31.82	34.40	2.63	0.00	---	---	Peak
2 @	5265.300	113.50			75.90	34.57	3.03	0.00	---	---	Peak
3	5394.900	70.48	-13.06	83.54	32.51	34.70	3.27	0.00	---	---	Peak
1 @	5115.000	56.01	-7.53	63.54	18.89	34.42	2.71	0.00	---	---	Average
2 @	5254.200	103.11			65.61	34.55	2.95	0.00	---	---	Average
3 @	5392.500	57.24	-6.30	63.54	19.29	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 56

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5111.400	68.86	-14.68	83.54	31.74	34.42	2.71	0.00	---	---	Peak
2 @	5283.300	112.88			75.27	34.58	3.03	0.00	---	---	Peak
3	5373.300	69.80	-13.74	83.54	31.94	34.67	3.19	0.00	---	---	Peak
1 @	5103.000	56.10	-7.44	63.54	19.07	34.40	2.63	0.00	---	---	Average
2 @	5283.000	102.36			64.75	34.58	3.03	0.00	---	---	Average
3 @	5394.900	57.22	-6.32	63.54	19.25	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 64

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5314.300	113.30			75.57	34.62	3.11	0.00	---	---	Peak
2	5364.600	71.07	-12.47	83.54	33.21	34.67	3.19	0.00	---	---	Peak
1 @	5323.000	102.73			65.00	34.62	3.11	0.00	---	---	Average
2 @	5351.100	57.15	-6.39	63.54	19.31	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 24, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 100, 120, 140 (20MHz) / (Ant. B)

Channel 100

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5422.440	70.22	-13.32	83.54	32.15	34.72	3.35	0.00	---	---	Peak
2 @	5503.080	109.59			71.28	34.80	3.51	0.00	---	---	Peak
1 @	5410.320	56.56	-6.98	63.54	18.59	34.70	3.27	0.00	---	---	Average
2 @	5503.080	98.98			60.67	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 120

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5416.100	69.31	-14.23	83.54	31.32	34.72	3.27	0.00	---	---	Peak
2 @	5594.250	109.72			71.33	34.80	3.59	0.00	---	---	Peak
3	5737.050	69.72	-28.12	97.84	31.18	34.80	3.74	0.00	---	---	Peak
1 @	5421.700	56.48	-7.06	63.54	18.41	34.72	3.35	0.00	---	---	Average
2 @	5593.900	99.18			60.79	34.80	3.59	0.00	---	---	Average
3	5726.900	57.51	-20.33	77.84	19.01	34.80	3.70	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 140

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5701.940	108.95			70.45	34.80	3.70	0.00	---	---	Peak
2	5741.060	71.37	-26.47	97.84	32.83	34.80	3.74	0.00	---	---	Peak
1 @	5702.600	98.30			59.80	34.80	3.70	0.00	---	---	Average
2	5745.800	57.28	-20.56	77.84	18.74	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 36, 40, 48 (20MHz) / (Ant. A + Ant. B)

Channel 36

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5137.500	70.33	-13.21	83.54	33.19	34.43	2.71	0.00	---	---	Peak
2 @	5185.100	107.62			70.27	34.48	2.87	0.00	---	---	Peak
1	5105.900	56.40	-7.14	63.54	19.28	34.42	2.71	0.00	---	---	Average
2 @	5185.100	95.36			58.01	34.48	2.87	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5130.600	69.28	-14.26	83.54	32.14	34.43	2.71	0.00	---	---	Peak
2 @	5196.900	108.07			70.70	34.50	2.87	0.00	---	---	Peak
3	5371.800	69.95	-13.59	83.54	32.09	34.67	3.19	0.00	---	---	Peak
1	5115.000	56.33	-7.21	63.54	19.21	34.42	2.71	0.00	---	---	Average
2 @	5201.700	96.14			58.77	34.50	2.87	0.00	---	---	Average
3	5379.000	57.53	-6.01	63.54	19.58	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 48

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5128.200	69.42	-14.12	83.54	32.28	34.43	2.71	0.00	---	---	Peak
2 @	5242.200	109.64			72.14	34.55	2.95	0.00	---	---	Peak
3	5384.100	70.47	-13.07	83.54	32.52	34.68	3.27	0.00	---	---	Peak
1	5103.000	56.34	-7.20	63.54	19.31	34.40	2.63	0.00	---	---	Average
2 @	5241.300	97.36			59.88	34.53	2.95	0.00	---	---	Average
3	5381.400	57.49	-6.05	63.54	19.54	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 52, 56, 64 (20MHz) / (Ant. A + Ant. B)

Channel 52

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5128.200	69.08	-14.46	83.54	31.94	34.43	2.71	0.00	---	---	Peak
2 @	5265.300	107.68			70.08	34.57	3.03	0.00	---	---	Peak
3	5388.600	69.98	-13.56	83.54	32.03	34.68	3.27	0.00	---	---	Peak
1	5115.000	56.28	-7.26	63.54	19.16	34.42	2.71	0.00	---	---	Average
2 @	5266.500	95.30			57.70	34.57	3.03	0.00	---	---	Average
3	5395.800	57.48	-6.06	63.54	19.51	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 56

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5125.800	69.13	-14.41	83.54	31.99	34.43	2.71	0.00	---	---	Peak
2 @	5282.100	109.65			72.04	34.58	3.03	0.00	---	---	Peak
3	5352.600	70.39	-13.15	83.54	32.55	34.65	3.19	0.00	---	---	Peak
1	5108.100	56.34	-7.20	63.54	19.22	34.42	2.71	0.00	---	---	Average
2 @	5285.700	97.25			59.64	34.58	3.03	0.00	---	---	Average
3	5391.300	57.46	-6.08	63.54	19.51	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 64

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5325.500	112.43			74.70	34.62	3.11	0.00	---	---	Peak
2	5380.200	70.91	-12.63	83.54	32.96	34.68	3.27	0.00	---	---	Peak
1 @	5324.700	100.14			62.41	34.62	3.11	0.00	---	---	Average
2	5354.600	57.54	-6.00	63.54	19.70	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 100, 120, 140 (20MHz) / (Ant. A + Ant. B)

Channel 100

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5408.400	70.79	-12.75	83.54	32.82	34.70	3.27	0.00	---	---	Peak
2 @	5495.400	110.03			71.81	34.78	3.43	0.00	---	---	Peak
1	5416.680	56.86	-6.68	63.54	18.87	34.72	3.27	0.00	---	---	Average
2 @	5495.880	97.44			59.14	34.78	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 120

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5434.650	69.42	-14.12	83.54	31.33	34.73	3.35	0.00	---	---	Peak
2 @	5595.300	109.45			71.06	34.80	3.59	0.00	---	---	Peak
3	5747.900	70.83	-27.01	97.84	32.29	34.80	3.74	0.00	---	---	Peak
1	5404.900	56.81	-6.73	63.54	18.84	34.70	3.27	0.00	---	---	Average
2 @	5595.650	96.82			58.43	34.80	3.59	0.00	---	---	Average
3	5729.700	57.78	-20.06	77.84	19.24	34.80	3.74	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 140

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5695.160	110.02			71.52	34.80	3.70	0.00	---	---	Peak
2	5744.900	71.75	-26.09	97.84	33.21	34.80	3.74	0.00	---	---	Peak
1 @	5703.320	97.44			58.94	34.80	3.70	0.00	---	---	Average
2	5725.160	57.86	-19.98	77.84	19.36	34.80	3.70	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 38, 46, 54 (40MHz) / (Ant. A)

Channel 38

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5129.700	70.73	-12.81	83.54	33.59	34.43	2.71	0.00	---	---	Peak
2 @	5179.090	107.04			69.77	34.48	2.79	0.00	---	---	Peak
1	5149.990	57.15	-6.39	63.54	19.91	34.45	2.79	0.00	---	---	Average
2 @	5179.420	96.02			58.75	34.48	2.79	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 46

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5133.300	69.10	-14.44	83.54	31.96	34.43	2.71	0.00	---	---	Peak
2 @	5241.300	107.74			70.26	34.53	2.95	0.00	---	---	Peak
3	5399.400	70.38	-13.16	83.54	32.41	34.70	3.27	0.00	---	---	Peak
1	5108.100	56.49	-7.05	63.54	19.37	34.42	2.71	0.00	---	---	Average
2 @	5241.000	97.12			59.64	34.53	2.95	0.00	---	---	Average
3	5378.100	57.69	-5.85	63.54	19.82	34.68	3.19	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 54

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5124.600	69.30	-14.24	83.54	32.16	34.43	2.71	0.00	---	---	Peak
2 @	5281.800	106.98			69.37	34.58	3.03	0.00	---	---	Peak
3	5383.800	70.30	-13.24	83.54	32.35	34.68	3.27	0.00	---	---	Peak
1	5103.000	56.41	-7.13	63.54	19.38	34.40	2.63	0.00	---	---	Average
2 @	5280.900	96.16			58.55	34.58	3.03	0.00	---	---	Average
3	5393.400	57.53	-6.01	63.54	19.58	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 62, 102, 118 (40MHz) / (Ant. A)

Channel 62

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5321.130	109.87			72.14	34.62	3.11	0.00	---	---	Peak
2	5350.500	70.41	-13.13	83.54	32.57	34.65	3.19	0.00	---	---	Peak
1 @	5321.020	98.92			61.19	34.62	3.11	0.00	---	---	Average
2	5350.010	58.11	-5.43	63.54	20.27	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Channel 102

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5454.340	70.83	-12.71	83.54	32.73	34.75	3.35	0.00	---	---	Peak
2 @	5500.100	107.94			69.63	34.80	3.51	0.00	---	---	Peak
1	5457.590	56.93	-6.61	63.54	18.75	34.75	3.43	0.00	---	---	Average
2 @	5506.470	97.09			58.78	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 118

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5419.250	69.11	-14.43	83.54	31.04	34.72	3.35	0.00	---	---	Peak
2 @	5592.850	108.28			69.89	34.80	3.59	0.00	---	---	Peak
3	5740.900	69.83	-28.01	97.84	31.29	34.80	3.74	0.00	---	---	Peak
1	5411.900	56.88	-6.66	63.54	18.89	34.72	3.27	0.00	---	---	Average
2 @	5592.850	97.34			58.95	34.80	3.59	0.00	---	---	Average
3	5728.650	57.79	-20.05	77.84	19.29	34.80	3.70	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 134 (40MHz) / (Ant. A)

Channel 134

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5678.650	110.87			72.41	34.80	3.66	0.00	---	---	Peak
2	5787.850	71.45	-26.39	97.84	32.87	34.80	3.78	0.00	---	---	Peak
1 @	5680.450	99.97			61.51	34.80	3.66	0.00	---	---	Average
2	5794.450	57.98	-19.86	77.84	19.40	34.80	3.78	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 38, 46, 54 (40MHz) / (Ant. B)

Channel 38

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5147.740	71.23	-12.31	83.54	33.99	34.45	2.79	0.00	---	---	Peak
2 @	5200.100	109.88			72.51	34.50	2.87	0.00	---	---	Peak
1 @	5149.990	57.45	-6.09	63.54	20.21	34.45	2.79	0.00	---	---	Average
2 @	5200.650	98.84			61.47	34.50	2.87	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 46

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5105.400	68.54	-15.00	83.54	31.51	34.40	2.63	0.00	---	---	Peak
2 @	5239.800	109.18			71.70	34.53	2.95	0.00	---	---	Peak
3	5391.000	70.19	-13.35	83.54	32.24	34.68	3.27	0.00	---	---	Peak
1 @	5142.900	56.00	-7.54	63.54	18.84	34.45	2.71	0.00	---	---	Average
2 @	5241.000	98.37			60.89	34.53	2.95	0.00	---	---	Average
3 @	5389.800	57.10	-6.44	63.54	19.15	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 54

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5125.800	68.66	-14.88	83.54	31.52	34.43	2.71	0.00	---	---	Peak
2 @	5266.500	108.91			71.31	34.57	3.03	0.00	---	---	Peak
3	5398.200	69.80	-13.74	83.54	31.83	34.70	3.27	0.00	---	---	Peak
1 @	5107.800	55.98	-7.56	63.54	18.86	34.42	2.71	0.00	---	---	Average
2 @	5280.900	97.65			60.04	34.58	3.03	0.00	---	---	Average
3 @	5388.600	57.19	-6.35	63.54	19.24	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 62, 102, 118 (40MHz) / (Ant. B)

Channel 62

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5298.250	109.77			72.14	34.60	3.03	0.00	---	---	Peak
2	5350.170	71.00	-12.54	83.54	33.16	34.65	3.19	0.00	---	---	Peak
1 @	5298.250	98.86			61.23	34.60	3.03	0.00	---	---	Average
2 @	5350.010	58.20	-5.34	63.54	20.36	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Channel 102

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5401.300	69.52	-14.02	83.54	31.55	34.70	3.27	0.00	---	---	Peak
2 @	5499.710	106.81			68.50	34.80	3.51	0.00	---	---	Peak
1 @	5439.780	56.36	-7.18	63.54	18.27	34.73	3.35	0.00	---	---	Average
2 @	5499.580	95.99			57.68	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 118

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5416.100	68.75	-14.79	83.54	30.76	34.72	3.27	0.00	---	---	Peak
2 @	5586.900	106.79			68.40	34.80	3.59	0.00	---	---	Peak
3	5740.900	70.06	-27.78	97.84	31.52	34.80	3.74	0.00	---	---	Peak
1 @	5400.700	56.50	-7.04	63.54	18.53	34.70	3.27	0.00	---	---	Average
2 @	5586.900	96.04			57.65	34.80	3.59	0.00	---	---	Average
3	5738.450	57.53	-20.31	77.84	18.99	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 30, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 134 (40MHz) / (Ant. B)

Channel 134

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5658.850	106.65			68.19	34.80	3.66	0.00	---	---	Peak
2	5772.100	71.78	-26.06	97.84	33.20	34.80	3.78	0.00	---	---	Peak
1 @	5658.250	98.69			60.23	34.80	3.66	0.00	---	---	Average
2	5729.500	57.44	-20.40	77.84	18.94	34.80	3.70	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 16, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 38, 46, 54 (40MHz) / (Ant. A + Ant. B)

Channel 38

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5148.180	70.20	-13.34	83.54	32.96	34.45	2.79	0.00	---	---	Peak
2 @	5181.730	105.54			68.27	34.48	2.79	0.00	---	---	Peak
1	5149.990	56.61	-6.93	63.54	19.37	34.45	2.79	0.00	---	---	Average
2 @	5180.740	92.35			55.08	34.48	2.79	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 46

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5128.200	68.91	-14.63	83.54	31.77	34.43	2.71	0.00	---	---	Peak
2 @	5225.400	107.12			69.64	34.53	2.95	0.00	---	---	Peak
3	5381.400	69.92	-13.62	83.54	31.97	34.68	3.27	0.00	---	---	Peak
1	5103.000	56.32	-7.22	63.54	19.29	34.40	2.63	0.00	---	---	Average
2 @	5241.000	94.65			57.17	34.53	2.95	0.00	---	---	Average
3	5394.600	57.49	-6.05	63.54	19.52	34.70	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 54

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5122.500	68.79	-14.75	83.54	31.67	34.42	2.71	0.00	---	---	Peak
2 @	5265.300	107.55			69.95	34.57	3.03	0.00	---	---	Peak
3	5393.700	69.92	-13.62	83.54	31.97	34.68	3.27	0.00	---	---	Peak
1	5135.700	56.33	-7.21	63.54	19.19	34.43	2.71	0.00	---	---	Average
2 @	5267.400	95.13			57.53	34.57	3.03	0.00	---	---	Average
3	5383.800	57.48	-6.06	63.54	19.53	34.68	3.27	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Final Test Date	Aug. 16, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 62, 102, 118 (40MHz) / (Ant. A + Ant. B)

Channel 62

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5304.850	109.08			71.37	34.60	3.11	0.00	---	---	Peak
2	5353.250	71.90	-11.64	83.54	34.06	34.65	3.19	0.00	---	---	Peak
1 @	5306.170	97.28			59.57	34.60	3.11	0.00	---	---	Average
2	5350.010	57.93	-5.61	63.54	20.09	34.65	3.19	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Channel 102

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5424.180	70.74	-12.80	83.54	32.67	34.72	3.35	0.00	---	---	Peak
2 @	5505.300	108.20			69.89	34.80	3.51	0.00	---	---	Peak
1	5459.540	56.87	-6.67	63.54	18.69	34.75	3.43	0.00	---	---	Average
2 @	5499.060	95.01			56.70	34.80	3.51	0.00	---	---	Average

The item 2 is Fundamental Emissions.

Channel 118

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5431.500	69.44	-14.10	83.54	31.35	34.73	3.35	0.00	---	---	Peak
2 @	5585.500	107.59			69.20	34.80	3.59	0.00	---	---	Peak
3	5735.650	70.51	-27.33	97.84	31.97	34.80	3.74	0.00	---	---	Peak
1	5420.650	56.86	-6.68	63.54	18.79	34.72	3.35	0.00	---	---	Average
2 @	5578.850	94.00			55.61	34.80	3.59	0.00	---	---	Average
3	5746.500	57.84	-20.00	77.84	19.30	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

Final Test Date	Aug. 16, 2010	**Test Site No.**	03CH03-HY
Temperature	26.8℃	**Humidity**	56%
Test Engineer	Daniel	**Configuration**	5GHz 802.11n Ch. 134 (40MHz) / (Ant. A + Ant. B)

Channel 134

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5664.700	107.73			69.27	34.80	3.66	0.00	---	---	Peak
2	5783.500	71.84	-26.00	97.84	33.26	34.80	3.78	0.00	---	---	Peak
1 @	5680.450	94.46			56.00	34.80	3.66	0.00	---	---	Average
2	5745.100	57.97	-19.87	77.84	19.43	34.80	3.74	0.00	---	---	Average

The item 1 is Fundamental Emissions.

3.4 Antenna Requirements

3.4.1 Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited.

3.4.2 Antenna Connector Construction

Please refer to section 2.2 in this test report; antenna connector complied with the requirements.

4 LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Apr. 06, 2010	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99041	9kHz – 30MHz	Mar. 23, 2010	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Apr. 29, 2010	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2010	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 18, 2010	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	COA9231A	18667	9 kHz - 2 GHz	Jan. 24, 2010	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Aug. 02, 2010	Radiation (03CH01-HY)
Spectrum Analyzer	R&S	FSP40	100004	9 kHz - 40 GHz	Oct. 03, 2009	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Sep. 26, 2009	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	May 20, 2010	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jan.11, 2010	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Jan. 05, 2010	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Jan. 05, 2010	Radiation (03CH03-HY)
Turn Table	HD	DS 420	420/650/00	0 – 360 degree	N/A	Radiation (03CH03-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	Jul. 29, 2010*	Radiation (03CH03-HY)

Note: Calibration Interval of instruments listed above is two year.

5 TEST LOCATION

SHIJR	ADD	:	6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C.
	TEL	:	886-2-2696-2468
	FAX	:	886-2-2696-2255
HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
	TEL	:	886-3-327-3456
	FAX	:	886-3-318-0055
LINKOU	ADD	:	No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C
	TEL	:	886-2-2601-1640
	FAX	:	886-2-2601-1695
DUNGHU	ADD	:	No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.
	TEL	:	886-2-2631-4739
	FAX	:	886-2-2631-9740
JUNGHE	ADD	:	7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.
	TEL	:	886-2-8227-2020
	FAX	:	886-2-8227-2626
NEIHU	ADD	:	4Fl., No. 339, Hsin Hu 2nd Rd., Taipei 114, Taiwan, R.O.C.
	TEL	:	886-2-2794-8886
	FAX	:	886-2-2794-9777
JHUBEI	ADD	:	No.8, Lane 728, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
	TEL	:	886-3-656-9065
	FAX	:	886-3-656-9085

6 TAF CERTIFICATE OF ACCREDITATION

Certificate No. : L1190-100529

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Sporton International Inc.
EMC & Wireless Communications Laboratory
No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

is accredited in respect of laboratory

Accreditation Criteria	:	ISO/IEC 17025:2005
Accreditation Number	:	1190
Originally Accredited	:	December 15, 2003
Effective Period	:	January 10, 2010 to January 09, 2013
Accredited Scope	:	Testing Field, see described in the Appendix
Specific Accreditation Program	:	Accreditation Program for Designated Testing Laboratory for Commodities Inspection Accreditation Program for Telecommunication Equipment Testing Laboratory Accreditation Program for BSMI Mutual Recognition Arrangment with Foreign Authorities

Jay-San Chen
President, Taiwan Accreditation Foundation
Date : May 29, 2010

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The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix