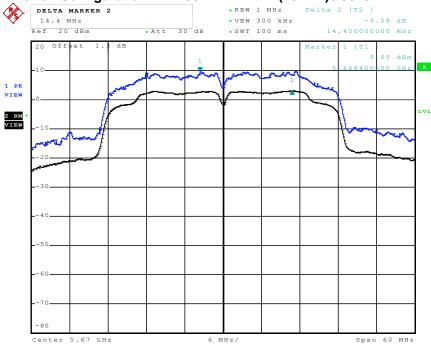
Peak Excursion Plot on Configuration IEEE 802.11n Ant. A (40MHz) / 5670 MHz

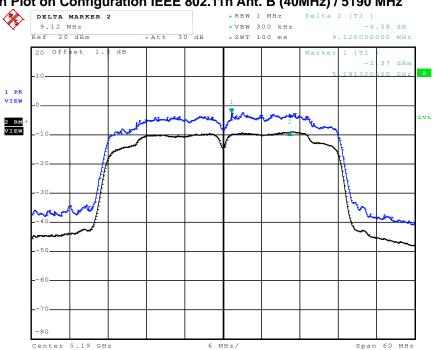


Date: 4.MAY.2011 09:15:17

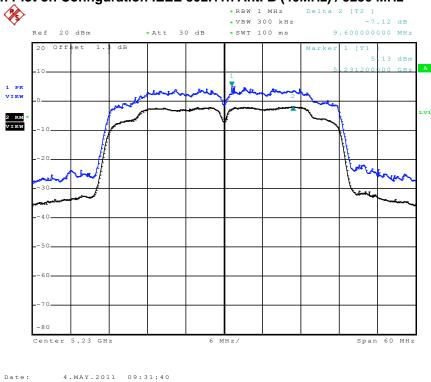
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Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5190 MHz



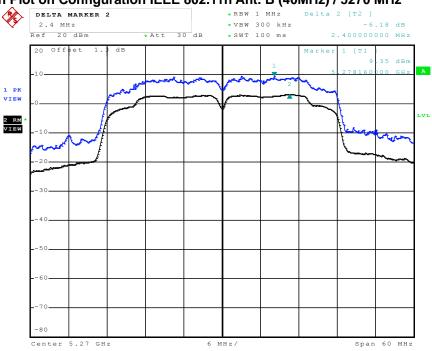
Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5230 MHz



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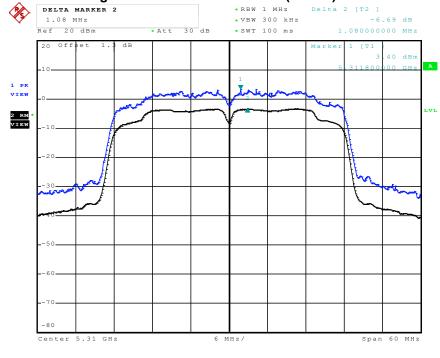
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Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5270 MHz



Date: 4.MAY.2011 09:34:13

Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5310 MHz

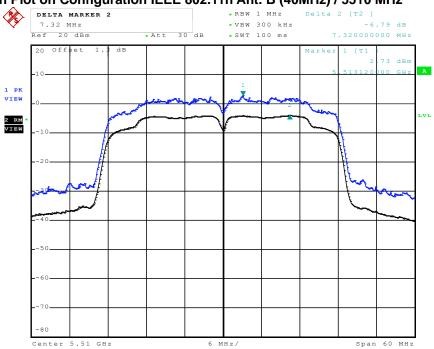


Date: 23.MAY.2011 15:21:14

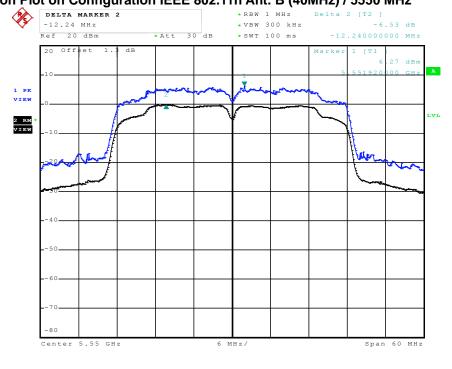
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Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5510 MHz



Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5550 MHz

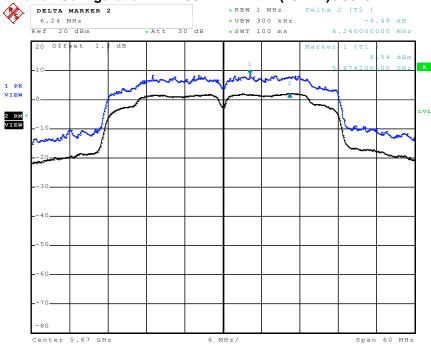


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4.MAY.2011 09:42:33

Peak Excursion Plot on Configuration IEEE 802.11n Ant. B (40MHz) / 5670 MHz



Date: 4.MAY.2011 09:44:58

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3.6 Radiated Emissions Measurement

3.6.1 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.

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Frequencies	Field Strength	Measurement Distance					
(MHz)	(micorvolts/meter)	(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					

3.6.2 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

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3.6.3 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.

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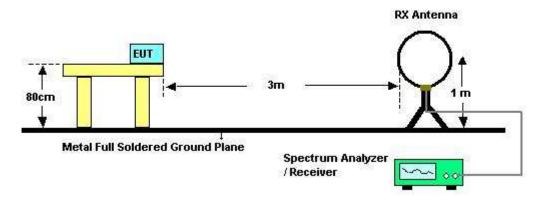
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both 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.

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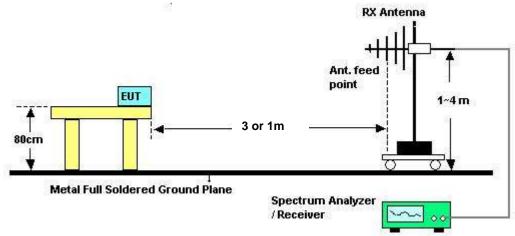
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3.6.4 Test Setup Layout

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].

3.6.5 Test Deviation

There is no deviation with the original standard.

3.6.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

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

Final Test Date	May 19, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak		

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

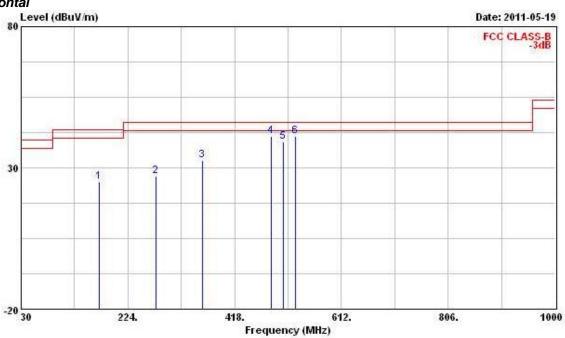
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3.6.8 Results of Radiated Emissions (30MHz~1GHz)

Final Test Date	May 19, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 116 MCS0 (Ant. A)

Horizontal

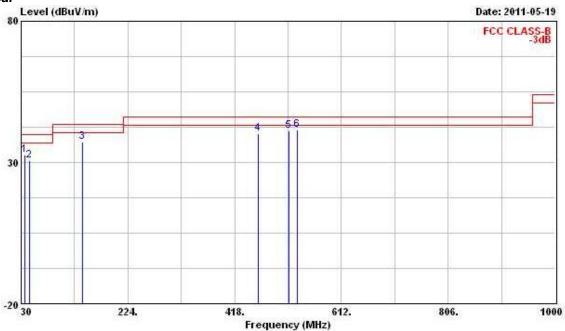


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
1	172.500	25.12	-18.38	43.50	42.08	9.59	1.31	27.86	Peak
2 3	275.000	27.16	-18.84	46.00	40.20	13.36	1.74	28.14	Peak
3	360.010	32.65	-13.35	46.00	43.61	15.25	2.28	28.49	Peak
4	484.260	41.26	-4.74	46.00	49.55	17.96	2.68	28.94	Peak
5	506.270	39.36	-6.64	46.00	47.36	18.26	2.71	28.97	QP
6 @	528.750	41.29	-4.71	46.00	48.83	18.81	2.83	29.17	Peak

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	Freq	Level	Over Limit			Antenna Factor			Remark
-	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	7
1	36.540	32.63	-7.37	40.00	46.47	14.35	-0.75	27.43	QP
2	45.610	30.51	-9.49	40.00	48.66	10.10	-0.59	27.66	Peak
3	142.160	37.39	-6.11	43.50	52.79	11.26	1.05	27.71	Peak
4	460.680	40.19	-5.81	46.00	49.16	17.31	2.71	28.99	Peak
4 5	516.330	41.09	-4.91	46.00	48.89	18.50	2.76	29.06	Peak
6 @	532.460	41.38	-4.62	46.00	48.86	18.88	2.85	29.21	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) = $\frac{1}{20}$ log Emission level (uV/m).

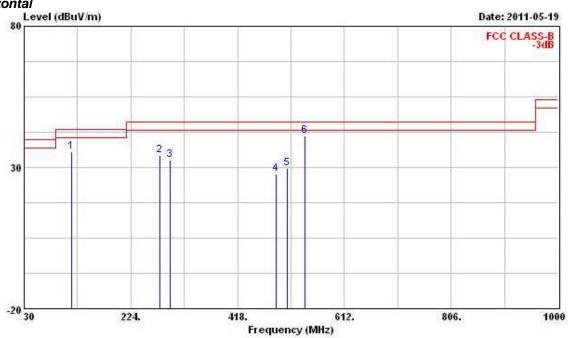
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

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Final Test Date	May 19, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 116 (20MHz) MCS0 (Ant. A)

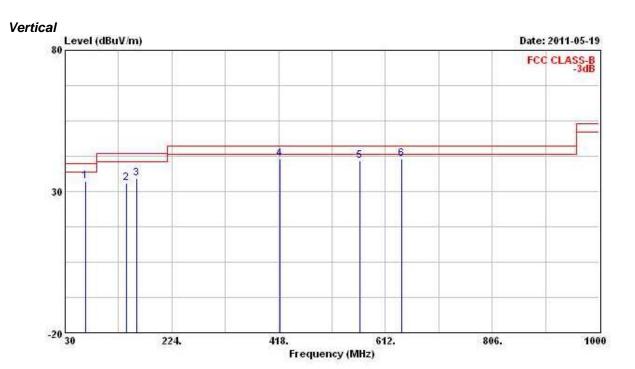




	Freq	Level	Over Limit			Intenna Factor			
	MHz	dBuV/m	фВ	dBuV/m	dBuV	dB/m	dB	dB	Ú.
1	116.250	35.65	-7.85	43.50	49.66	12.56	0.94	27.52	Peak
2 3	276.300	34.21	-11.79	46.00	47.30	13.32	1.75	28.15	Peak
3	295.000	32.60	-13.40	46.00	45.51	13.49	1.85	28.26	Peak
4 5 6	487.150	27.56	-18.44	46.00	35.82	17.99	2.68	28.93	QP
5	508.350	29.67	-16.33	46.00	37.63	18.31	2.72	28.99	QP
6	540.180	41.16	-4.84	46.00	48.48	19.06	2.90	29.28	Peak

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			Over	Limit	Readi	Intenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 2 3	66.510	33.65	-6.35	40.00	55.19	6.09	-0.23	27.41	Peak
2	141.500	32.95	-10.55	43.50	48.25	11.36	1.05	27.71	Peak
3	160.100	34.69	-8.81	43.50	51.30	10.00	1.20	27.81	Peak
4 @	420.800	41.57	-4.43	46.00	50.51	17.26	2.58	28.78	Peak
5	565.850	40.85	-5.15	46.00	47.79	19.30	3.11	29.35	Peak
6 @	641.250	41.65	-4.35	46.00	47.98	19.57	3.60	29.51	Peak

Note:

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

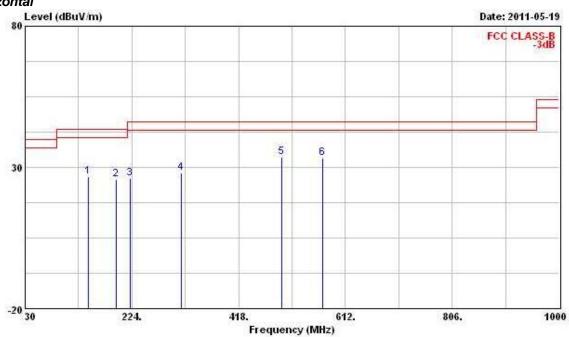
Emission level (dBuV/m) = $\frac{1}{20}$ log Emission level (uV/m).

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

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Final Test Date	May 19, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 110 (40MHz) MCS0 (Ant. A)

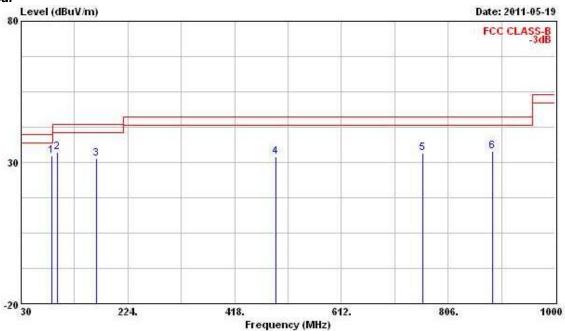


	Freq	Level	Over Limit			ntenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	145.650	26.57	-16.93	43.50	42.37	10.88	1.05	27.74	Peak
2	196.160	25.69	-17.81	43.50	42.91	9.51	1.23	27.97	Peak
3	220.380	26.12	-19.88	46.00	43.57	9.15	1.40	27.99	Peak
4	313.170	28.11	-17.89	46.00	40.37	14.09	1.98	28.33	Peak
2 3 4 5 6	497.140	33.64	-12.36	46.00	41.80	18.07	2.67	28.91	Peak
6	570.680	33.26	-12.74	46.00	40.16	19.30	3.15	29.35	Peak

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	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	1
1	85.650	32.14	-7.86	40.00	50.36	8.43	0.80	27.45	Peak
2	96.180	33.47	-10.03	43.50	49.59	10.52	0.82	27.47	Peak
3	166.590	31.25	-12.25	43.50	47.98	9.84	1.27	27.84	Peak
4	492.470	32.11	-13.89	46.00	40.32	18.03	2.67	28.92	Peak
4 5	760.140	33.16	-12.84	46.00	37.77	20.73	4.10	29.44	Peak
6	886.160	33.95	-12.05	46.00	37.54	20.98	4.81	29.38	Peak

Note:

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

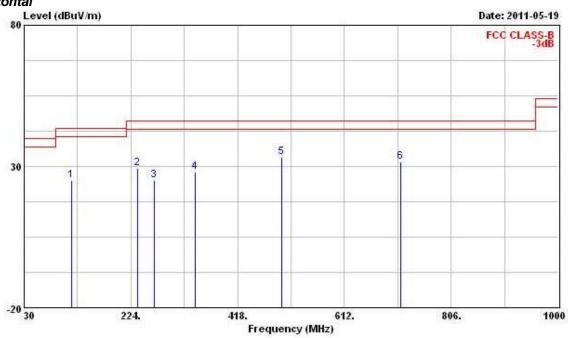
Emission level (dBuV/m) = $\frac{1}{20}$ log Emission level (uV/m).

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

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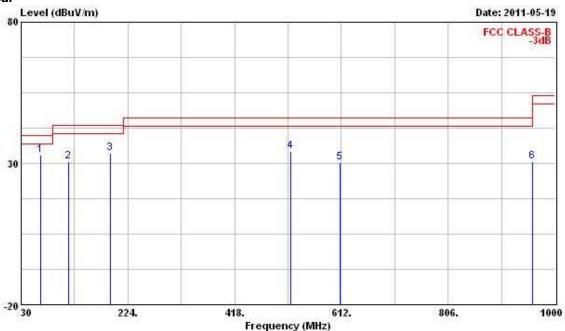
Final Test Date	May 19, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 116 (20MHz) MCS8 (Ant. A + Ant. B)



	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	î e
1 2	116.850	25.05	-18.45	43.50	39.07	12.56	0.94	27.52	Peak
2	236.170	29.49	-16.51	46.00	44.79	11.20	1.50	28.00	Peak
3	266.140	25.01	-20.99	46.00	37.86	13.55	1.69	28.09	Peak
4	340.270	28.19	-17.81	46.00	39.70	14.75	2.17	28.42	Peak
4 5 6	498.160	33.44	-12.56	46.00	41.60	18.08	2.67	28.91	Peak
6	715.160	31.65	-14.35	46.00	36.89	20.19	3.90	29.33	Peak

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	Freq	Level	Over Limit			intenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	Ť
1	65.140	33.11	-6.89	40.00	54.61	6.17	-0.30	27.37	Peak
2 3	116.280	30.66	-12.84	43.50	44.67	12.56	0.94	27.52	Peak
3	192.120	33.69	-9.81	43.50	51.15	9.29	1.20	27.95	Peak
4	520.140	34.17	-11.83	46.00	41.89	18.59	2.78	29.09	Peak
4 5	610.140	30.19	-15.81	46.00	36.71	19.36	3.49	29.37	Peak
6	960.160	30.69	-23.31	54.00	33.26	21.24	5.36	29.17	Peak

Note

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

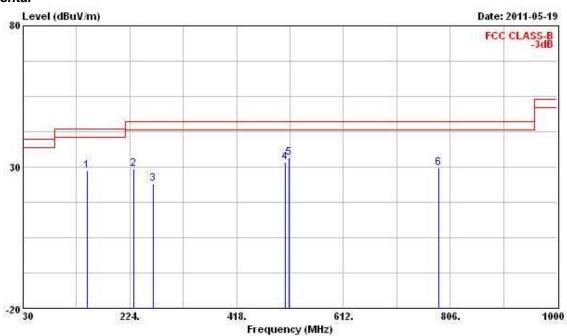
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

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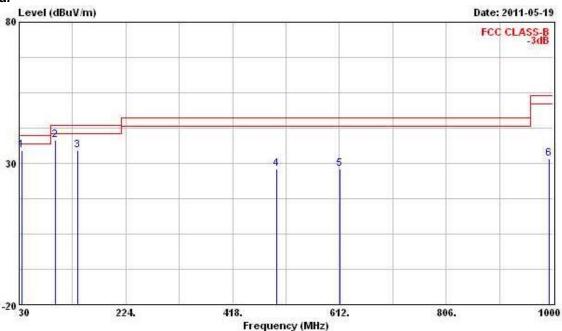
Final Test Date	May 19, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 110 (40MHz) MCS8 (Ant. A + Ant. B)



	Freq	Level	Over Limit			Antenna Factor			Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB) (E
1	146.180	28.69	-14.81	43.50	44.49	10.88	1.05	27.74	Peak
2	231.170	29.31	-16.69	46.00	45.36	10.48	1.47	27.99	Peak
3	266.100	24.11	-21.89	46.00	36.96	13.55	1.69	28.09	Peak
3 4 5	506.270	31.74	-14.26	46.00	39.74	18.26	2.71	28.97	Peak
5	512.790	33.18	-12.82	46.00	41.06	18.41	2.74	29.03	Peak
6	786.050	29.71	-16.29	46.00	34.13	20.74	4.30	29.46	Peak

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	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	+
1	35.170	34.44	-5.56	40.00	47.10	15.53	-0.77	27.42	QP
1 2 3	96.180	38.12	-5.38	43.50	54.24	10.52	0.82	27.47	Peak
3	136.910	34.48	-9.02	43.50	49.38	11.73	1.04	27.67	Peak
4	498.160	28.11	-17.89	46.00	36.27	18.08	2.67	28.91	Peak
4 5 6	612.180	28.16	-17.84	46.00	34.66	19.38	3.50	29.38	Peak
6	994.080	31.68	-22.32	54.00	34.47	20.93	5.40	29.12	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) = $\frac{1}{20}$ log Emission level (uV/m).

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

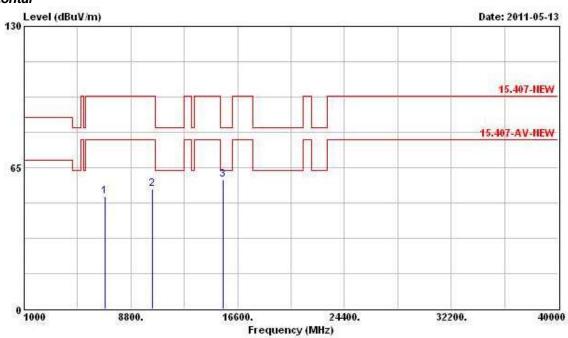
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3.6.9 Results for Radiated Emissions (1GHz~40GHz)

Final Test Date	May 13, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 36 MCS0 (Ant. A)

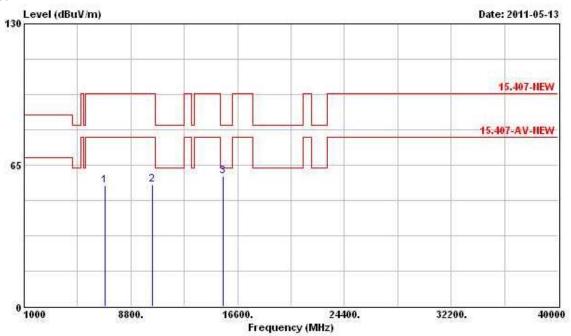
Horizontal



	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dВ	dBuV/m	dBuV	dB/m	дв	dB	
1	6908.000	51.64	-46.20	97.84	44.13	35.93	4.38	32.79	Peak
2	10360.000	55.15	-42.69	97.84	41.69	39.55	6.93	33.02	PEAK
3 @	15540.000	59.65	-3.89	63.54	45.75	38.44	7.92	32.47	PK

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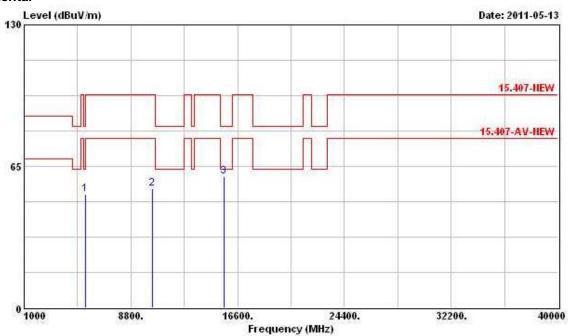


	Freq	Level				Antenna Factor			Remark
	MHz	dBuV/m	dВ	dBuV/m	dBuV	dB/m	ав	dB	
1	6908.000	55.39	-42.45	97.84	47.88	35.93	4.38	32.79	PEAK
2	10360.000	56.19	-41.65	97.84	42.73	39.55	6.93	33.02	PEAK
3 @	15540.000	59.97	-3.57	63.54	46.08	38.44	7.92	32.47	PK

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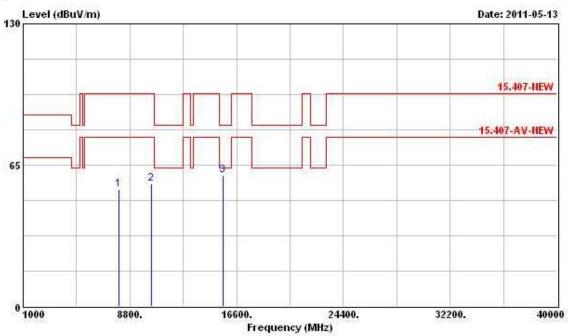
Final Test Date	May 13, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 40 MCS0 (Ant. A)



Freq	Level	77.0300153						Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
5494.000	52.04	-45.80	97.84	44.47	34.78	5.36	32.57	Peak
10400.000	54.83	-43.01	97.84	41.34	39.54	6.93	32.98	PEAK
15600.000	60.30	-3.24	63.54	46.54	38.33	7.92	32.50	PK
	MHz 5494.000 10400.000	MHz dBuV/m 5494.000 52.04 10400.000 54.83	Freq Level Limit MHz dBuV/m dB 5494.000 52.04 -45.80 10400.000 54.83 -43.01	### Freq Level Limit Line MHz dBuV/m dB dBuV/m	Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV 5494.000 52.04 -45.80 97.84 44.47 10400.000 54.83 -43.01 97.84 41.34	Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m 5494.000 52.04 -45.80 97.84 44.47 34.78 10400.000 54.83 -43.01 97.84 41.34 39.54	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 5494.000 52.04 -45.80 97.84 44.47 34.78 5.36 10400.000 54.83 -43.01 97.84 41.34 39.54 6.93	Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 5494.000 52.04 -45.80 97.84 44.47 34.78 5.36 32.57 10400.000 54.83 -43.01 97.84 41.34 39.54 6.93 32.98

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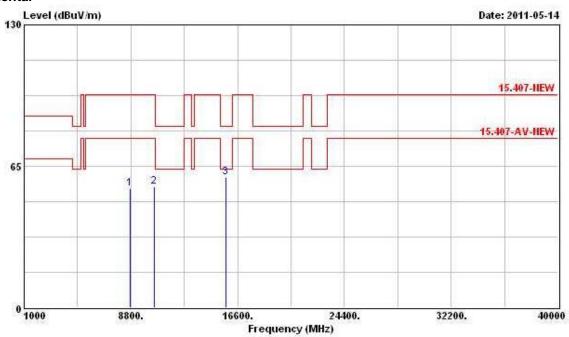


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dB	
1	7984.000	53.97	-43.87	97.84	43.10	37.58	6.33	33.05	Peak
2	10400.000	56.38	-41.46	97.84	42.89	39.54	6.93	32.98	PEAK
3 @	15600.000	60.34	-3.20	63.54	46.58	38.33	7.92	32.50	PK

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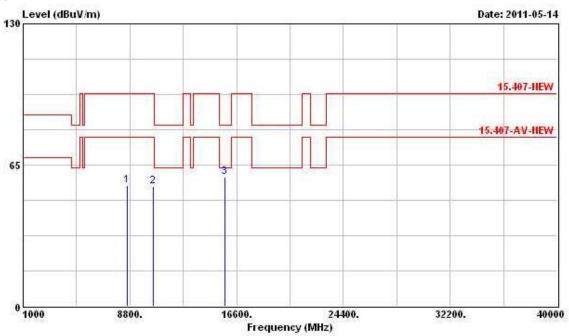
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 48 MCS0 (Ant. A)



		0ver	Limit	Readi	Antenna	Cable	Preamp	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dВ	
8772.000	54.64	-43.20	97.84	42.96	38.41	6.41	33.14	Peak
10480.000	55.67	-42.17	97.84	42.13	39.51	6.94	32.91	Peak
15720.000	59.76	-3.78	63.54	46.24	38.14	7.92	32.54	PK
	MHz 8772.000 10480.000	MHz dBuV/m 8772.000 54.64 10480.000 55.67	Freq Level Limit MHz dBuV/m dB 8772.000 54.64 -43.20 10480.000 55.67 -42.17	### Freq Level Limit Line MHz dBuV/m dB dBuV/m 8772.000 54.64 -43.20 97.84 10480.000 55.67 -42.17 97.84	### Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV	### Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 8772.000 54.64 -43.20 97.84 42.96 38.41 6.41 10480.000 55.67 -42.17 97.84 42.13 39.51 6.94	8772.000 54.64 -43.20 97.84 42.96 38.41 6.41 33.14 10480.000 55.67 -42.17 97.84 42.13 39.51 6.94 32.91

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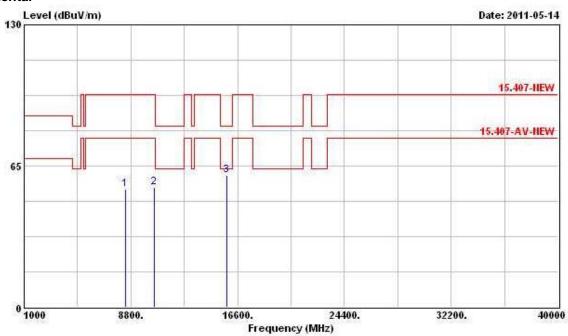


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	Di-
1	8638.000	55.62	-42.22	97.84	44.00	38.31	6.42	33.10	Peak
2	10480.000	55.20	-42.64	97.84	41.66	39.51	6.94	32.91	Peak
3 @	15720.000	59.57	-3.97	63.54	46.05	38.14	7.92	32.54	PK

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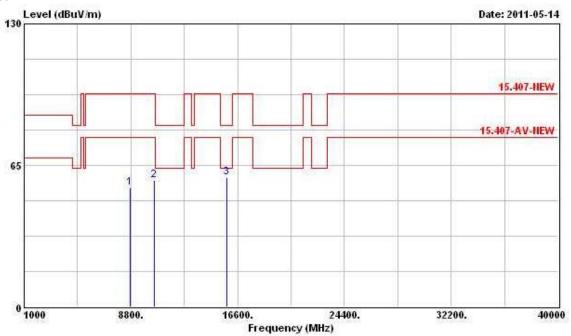
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 52 MCS0 (Ant. A)



	Freq	Level	Over Limit	Limit Line		Intenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dB	r i
1	8420.000	54.50	-23.34	77.84	43.04	38.10	6.41	33.05	PK
2	10520.000	55.22	-42.62	97.84	41.67	39.49	6.95	32.89	Peak
3 @	15780.000	60.51	-3.03	63.54	47.11	38.06	7.92	32.57	PK

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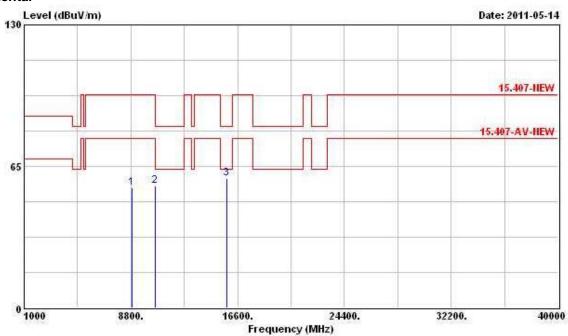


	Freq	Level				Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	r.
1	8749.000	54.77	-43.07	97.84	43.09	38.40	6.41	33.14	Peak
2	10520.000	58.01	-39.83	97.84	44.46	39.49	6.95	32.89	Peak
3 @	15780.000	59.62	-3.92	63.54	46.22	38.06	7.92	32.57	PK

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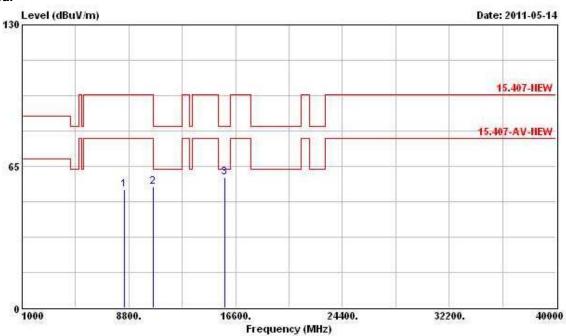
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 56 MCS0 (Ant. A)



	F	req	Level	Over Limit			Antenna Factor			Remark
	1	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	ri <u>.</u>
1	8881.	000	55.11	-42.73	97.84	43.37	38.51	6.41	33.18	Peak
2	10560.	000	55.91	-41.93	97.84	42.33	39.47	6.97	32.86	Peak
3 @	15840.	000	59.52	-4.02	63.54	46.25	37.95	7.91	32.59	PK

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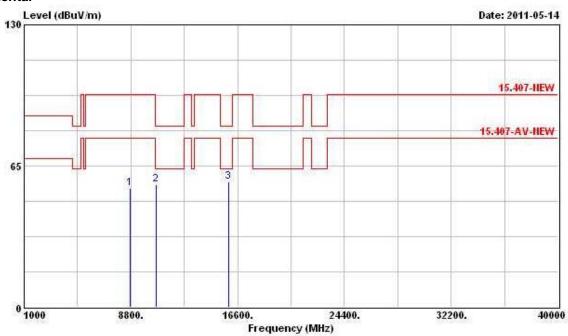


	Fr	eq	Level		Limit Line					Remark
	М	Hz d	lBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	r i
1	8474.0	00	54.31	-23.53	77.84	42.76	38.18	6.42	33.05	PK
2	10560.0	00	55.80	-42.04	97.84	42.22	39.47	6.97	32.86	Peak
3 @	15840.0	00	59.96	-3.58	63.54	46.69	37.95	7.91	32.59	PK

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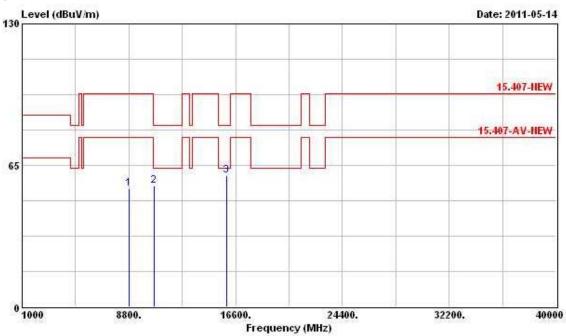
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 64 MCS0 (Ant. A)



			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dB	r E
1	8749.000	54.74	-43.10	97.84	43.06	38.40	6.41	33.14	Peak
2	10640.000	56.57	-6.97	63.54	42.96	39.42	7.01	32.82	PK
3	15960.000	57.68	-5.86	63.54	44.65	37.76	7.91	32.64	PK

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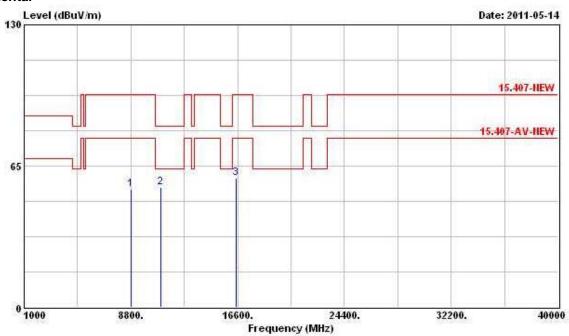


	Freq	Freq	Freq	Level				Antenna Factor			Remark
	8	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	15	
1	8782	000	54.46	-43.38	97.84	42.77	38.43	6.41	33.14	Peak	
2	10640.	000	55.42	-8.12	63.54	41.81	39.42	7.01	32.82	PK	
3 @	15960.	000	60.15	-3.39	63.54	47.12	37.76	7.91	32.64	PK	

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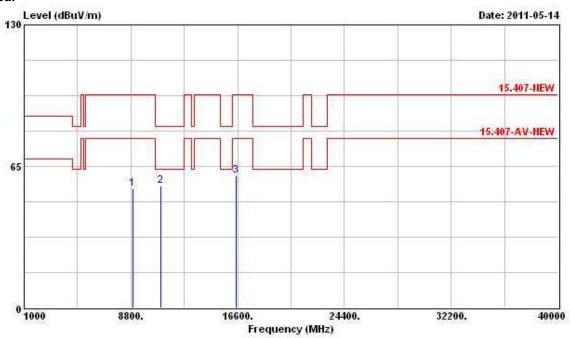
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 100 MCS0 (Ant. A)



			0ver	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level F	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8837.000	54.46	-43.38	97.84	42.75	38.47	6.41	33.16	Peak
2	11000.000	55.05	-8.49	63.54	41.26	39.20	7.21	32.62	PK
3	16500.000	59.61	-38.23	97.84	45.51	38.50	7.86	32.26	Peak

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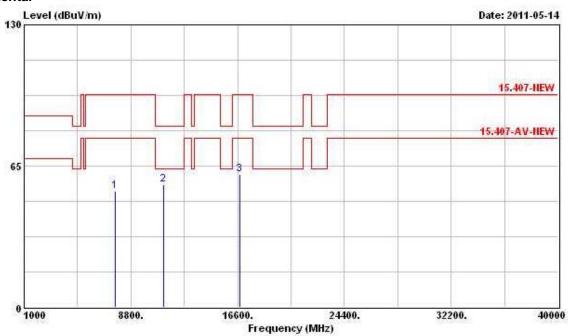


	Freq	Level				Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8925.000	54.88	-42.96	97.84	43.14	38.53	6.41	33.19	Peak
2	11000.000	55.97	-7.57	63.54	42.18	39.20	7.21	32.62	PK
3	16500.000	60.75	-37.09	97.84	46.65	38.50	7.86	32.26	Peak

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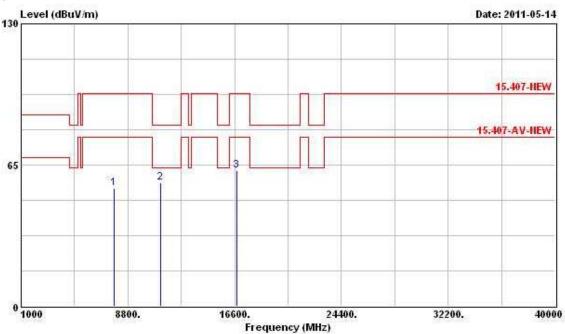
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 116 MCS0 (Ant. A)



Remark
PK
PK
Peak
1

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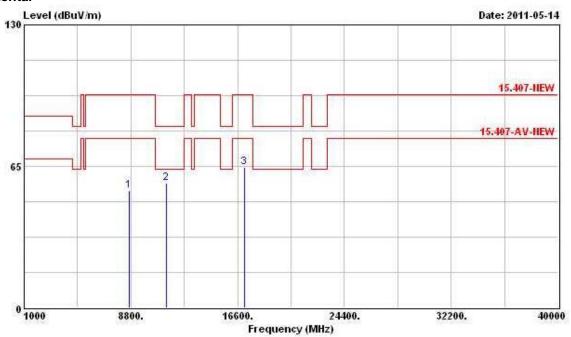


	Freq	Level				Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7814.000	54.48	-43.36	97.84	43.93	37.38	6.19	33.01	Peak
2	11160.000	57.02	-6.52	63.54	42.94	39.43	7.26	32.61	PK
3	16740.000	62.23	-35.61	97.84	46.18	39.85	8.16	31.96	Peak

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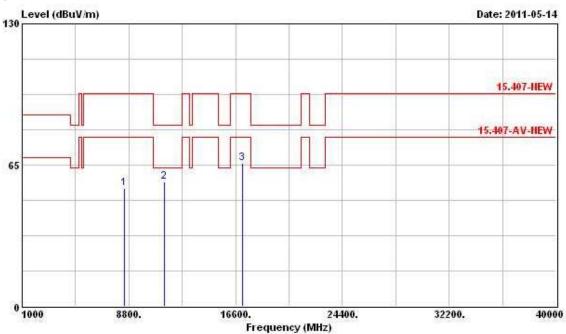
Final Test Date	May 14, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11a Ch. 140 MCS0 (Ant. A)



amp tor Remark
dB
.12 Peak
.59 PK
.66 Peak
2

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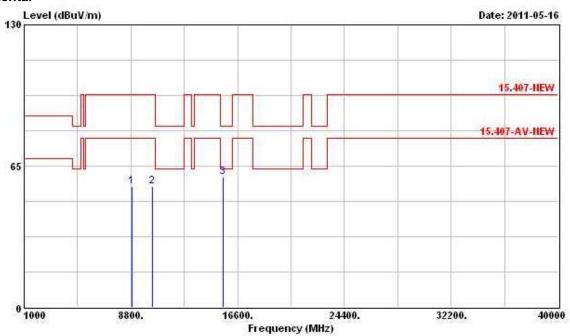


	Freq	Over l Level Limit					Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	of the second
1	8485.000	54.50	-23.34	77.84	42.95	38.18	6.42	33.05	PK
2	11400.000	57.27	-6.27	63.54	42.79	39.76	7.31	32.59	PK
3	17100.000	65.95	-31.89	97.84	46.92	42.24	8.44	31.66	Peak

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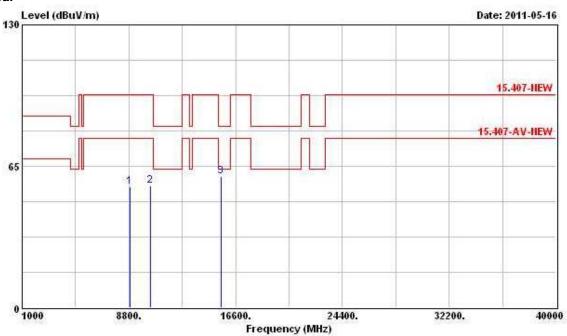
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 36 (20MHz) MCS0 (Ant. A)



			Over	Limit	Read	ReadAntenna		Preamp	
	Freq	Freq Level	Limit	Line	Level Factor dBuV dB/m	Loss Factor	Factor	Remark	
	MHz	dBuV/m	dB	dBuV/m		dB/m	ав	дв	
1	8881.000	55.50	-42.34	97.84	43.76	38.51	6.41	33.18	Peak
2	10360.000	55.67	-42.17	97.84	42.21	39.55	6.93	33.02	Peak
3 @	15540.000	59.84	-3.70	63.54	45.95	38.44	7.92	32.47	PK

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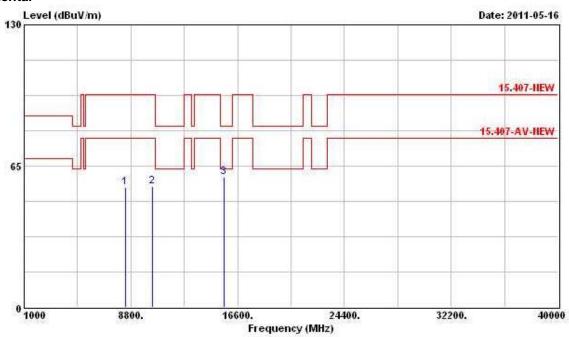


			Over	e Limit	ReadAntenna		Cable Preamp		
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m dB	dBuV/m	dBuV	dB/m	dB	dB	DE CONTRACTOR DE	
1	8870.000	55.52	-42.32	97.84	43.80	38.49	6.41	33.18	Peak
2	10360.000	56.10	-41.74	97.84	42.64	39.55	6.93	33.02	Peak
3 @	15540.000	60.16	-3.38	63.54	46.27	38.44	7.92	32.47	PK

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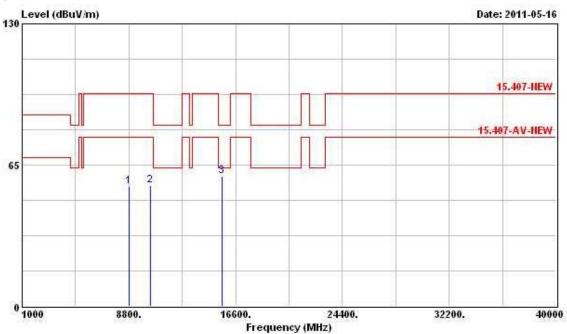
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 40 (20MHz) MCS0 (Ant. A)



			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Factor Loss dB/m dB		Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m			E.
1	8430.000	55.12	-22.72	77.84	43.64	38.12	6.42	33.05	PK
2	10400.000	55.64	-42.20	97.84	42.14	39.54	6.93	32.98	Peak
3 @	15600.000	60.02	-3.52	63.54	46.27	38.33	7.92	32.50	PK

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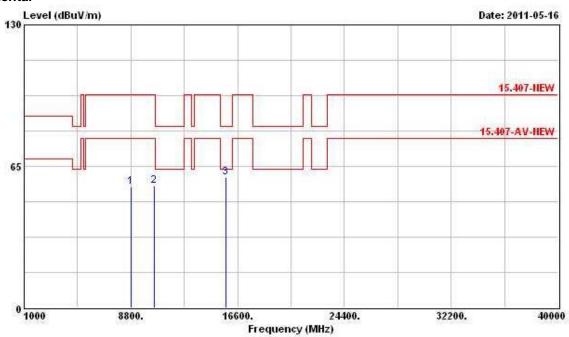


	Freq	Level	510100E						Remark
	MHz dBuV/m d		dBuV/m	dBuV	dB/m	dB	dB	-	
8837.000	55.04	-42.80	97.84	43.33	38.47	6.41	33.16	Peak	
10400.000	55.56	-42.28	97.84	42.06	39.54	6.93	32.98	Peak	
15600.000	59.91	-3.63	63.54	46.16	38.33	7.92	32.50	PK	
	MHz 8837.000 10400.000	MHz dBuV/m 8837.000 55.04 10400.000 55.56	### Hevel Limit MHz dBuV/m dB	### Freq Level Limit Line MHz dBuV/m dB dBuV/m 8837.000 55.04 -42.80 97.84 10400.000 55.56 -42.28 97.84	### Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV	### Hevel Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m	### Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB	### Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB dB	

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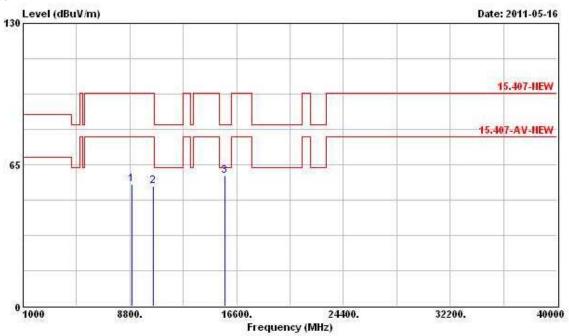
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 48 (20MHz) MCS0 (Ant. A)



	Freq						Remark		
	Mtz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	r.E
1	8793.000	55.73	-42.11	97.84	44.05	38.43	6.41	33.15	Peak
2	10480.000	56.06	-41.78	97.84	42.52	39.51	6.94	32.91	Peak
3 @	15720.000	59.72	-3.82	63.54	46.20	38.14	7.92	32.54	PK

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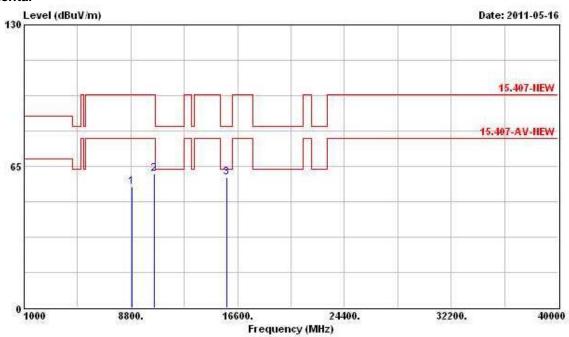


	Freq	Freq	Freq	Freq	Over Level Limit			eadAntenna vel Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	дв	dB			
1	8925.000	56.02	-41.82	97.84	44.28	38.53	6.41	33.19	Peak		
2	10480.000	55.35	-42.49	97.84	41.81	39.51	6.94	32.91	Peak		
3 @	15720.000	59.74	-3.80	63.54	46.22	38.14	7.92	32.54	PK		

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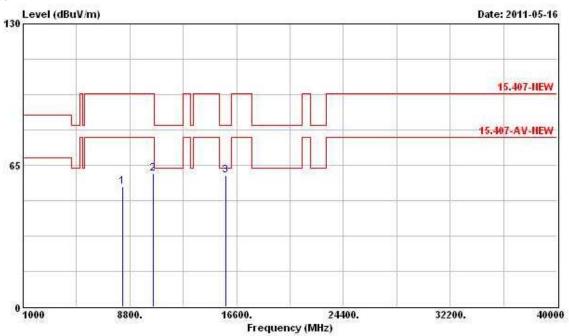
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 52 (20MHz) MCS0 (Ant. A)



	Remark
	Peak
	Peak
9	PK
9	

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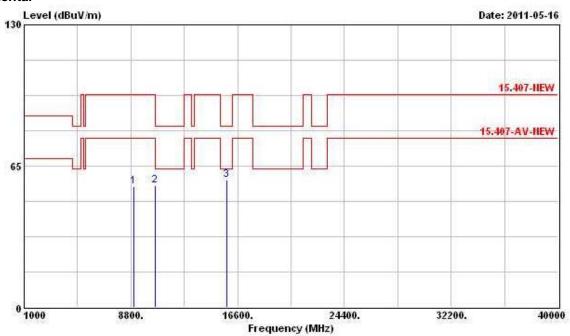


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dB	
1	8298.000	55.16	-22.68	77.84	43.87	37.95	6.39	33.05	PK
2	10520.000	61.35	-36.49	97.84	47.80	39.49	6.95	32.89	Peak
3 @	15780.000	60.25	-3.29	63.54	46.85	38.06	7.92	32.57	PK

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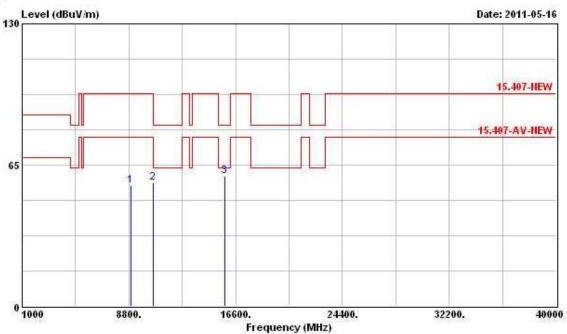
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 56 (20MHz) MCS0 (Ant. A)



			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	ав	
1	8991.000	55.44	-42.40	97.84	43.66	38.59	6.40	33.21	Peak
2	10560.000	55.86	-41.98	97.84	42.28	39.47	6.97	32.86	Peak
3 @	15840.000	58.53	-5.01	63.54	45.26	37.95	7.91	32.59	PK

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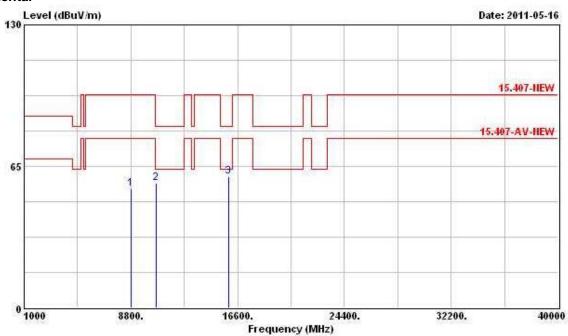


	Freq	Freq Level MHz dBuV/m			Level			Factor	Remark
	MHz		dB	dBuV/m					E
1	8925.000	55.52	-42.32	97.84	43.78	38.53	6.41	33.19	Peak
2	10560.000	56.70	-41.14	97.84	43.12	39.47	6.97	32.86	Peak
3 @	15840.000	59.77	-3.77	63.54	46.50	37.95	7.91	32.59	PK

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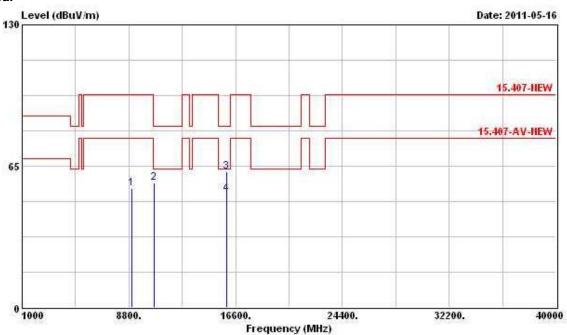
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 64 (20MHz) MCS0 (Ant. A)



Freq	Level Limi						Remark	
MHz		dB		dBuV	dB/m	dВ	dB	7
8793.000	54.81	-43.03	97.84	43.13	38.43	6.41	33.15	Peak
10640.000	57.19	-6.35	63.54	43.58	39.42	7.01	32.82	PK
15960.000	60.42	-3.12	63.54	47.39	37.76	7.91	32.64	PK
	MHz 8793.000 10640.000	MHz dBuV/m 8793.000 54.81 10640.000 57.19	Freq Level Limit MHz dBuV/m dB 8793.000 54.81 -43.03 10640.000 57.19 -6.35	### Reserved Freq Level Limit Line	### Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV	### Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 8793.000 54.81 -43.03 97.84 43.13 38.43 6.41 10640.000 57.19 -6.35 63.54 43.58 39.42 7.01	8793.000 54.81 -43.03 97.84 43.13 38.43 6.41 33.15 10640.000 57.19 -6.35 63.54 43.58 39.42 7.01 32.82

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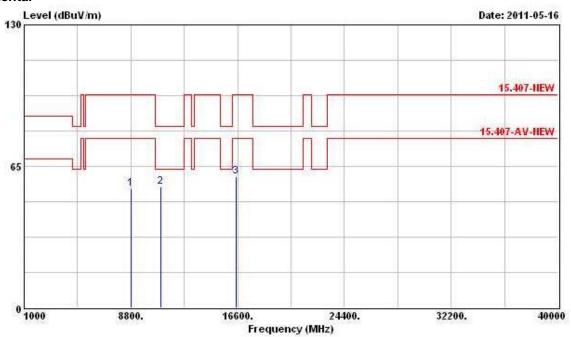


			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m dB	dBuV/m	dBuV	dB/m	ав	dB	200	
1	8991.000	54.95	-42.89	97.84	43.17	38.59	6.40	33.21	Peak
2	10640.000	57.13	-6.41	63.54	43.52	39.42	7.01	32.82	PK
3	15960.000	62.46	-21.08	83.54	49.43	37.76	7.91	32.64	Peak
4	15960.000	52.12	-11.42	63.54	39.09	37.76	7.91	32.64	Average

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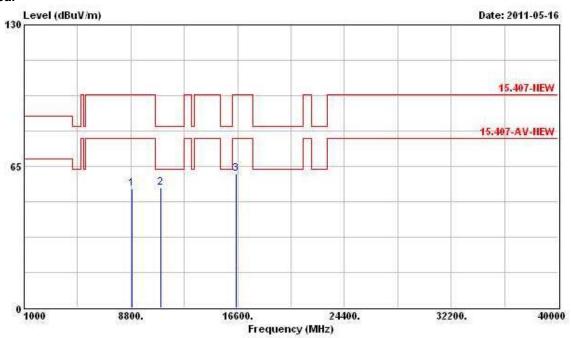
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 100 (20MHz) MCS0 (Ant. A)



	Freq	Freq Level			Limit ReadAn Line Level F				Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8837.000	54.63	-43.21	97.84	42.92	38.47	6.41	33.16	Peak
2	11000.000	55.40	-8.14	63.54	41.61	39.20	7.21	32.62	PK
3	16500.000	60.46	-37.38	97.84	46.36	38.50	7.86	32.26	Peak

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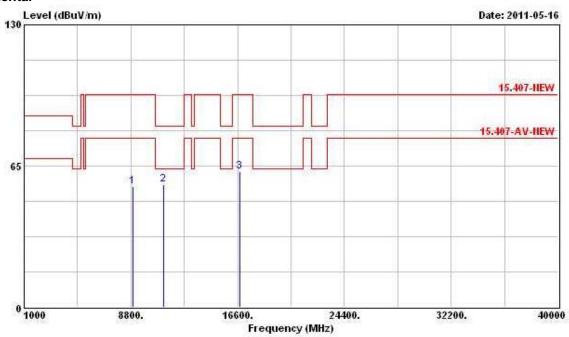


		Over	Limit	ReadAntenna		Cable	Preamp	
Freq	Level		Line	Level	Factor	Loss	Factor	Remark
MHz	dBuV/m		dBuV/m	dBuV	dB/m	ав	дв	1
8881.000	54.76	-43.08	97.84	43.02	38.51	6.41	33.18	Peak
11000.000	55.00	-8.54	63.54	41.21	39.20	7.21	32.62	PK
16500.000	61.60	-36.24	97.84	47.50	38.50	7.86	32.26	Peak
	MHz 8881.000 11000.000	MHz dBuV/m 8881.000 54.76 11000.000 55.00	### Head Level Limit MHz dBuV/m dB dB dB dB dB dB dB d	### Hevel Limit Line MHz dBuV/m	### Req Level Limit Line Level MHz dBuV/m	### Hevel Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m	### Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB	Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 8881.000 54.76 -43.08 97.84 43.02 38.51 6.41 33.18 11000.000 55.00 -8.54 63.54 41.21 39.20 7.21 32.62

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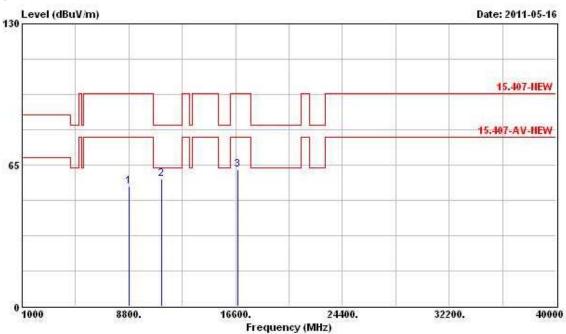
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 116 (20MHz) MCS0 (Ant. A)



			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line		Factor dB/m	Loss	Factor	Remark
	MKz	dBuV/m	dB	dBuV/m			ав	dB	
1	8925.000	55.42	-42.42	97.84	43.68	38.53	6.41	33.19	Peak
2	11160.000	56.54	-7.00	63.54	42.46	39.43	7.26	32.61	PK
3	16740.000	62.36	-35.48	97.84	46.31	39.85	8.16	31.96	Peak

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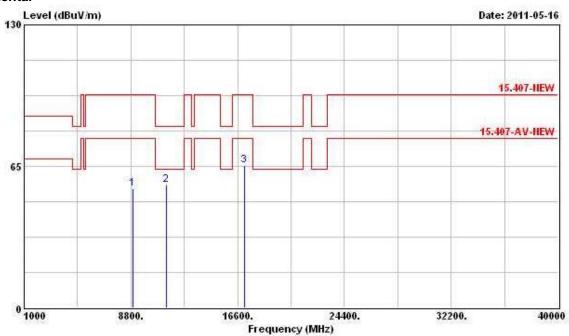


	Freq	Level	Over Level Limit	Limit Line					Remark
	MHz	dBuV/m	dВ	dBuV/m	dBuV	dB/m	дв	dB	
1	8793.000	55.28	-42.56	97.84	43.60	38.43	6.41	33.15	Peak
2 @	11160.000	58.48	-5.06	63.54	44.40	39.43	7.26	32.61	PK
3	16740.000	62.67	-35.17	97.84	46.62	39.85	8.16	31.96	Peak

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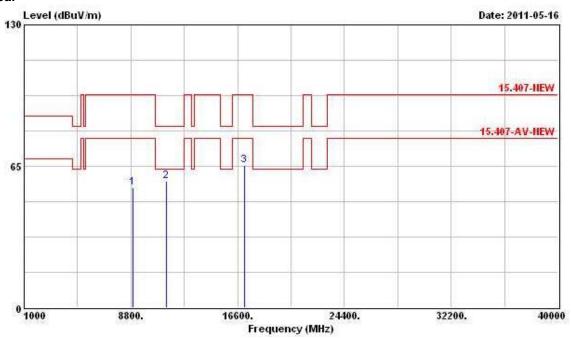
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 140 (20MHz) MCS0 (Ant. A)



	Freq	Level				Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8958.000	54.89	-42.95	97.84	43.13	38.56	6.40	33.20	Peak
2	11400.000	56.46	-7.08	63.54	41.98	39.76	7.31	32.59	PK
3	17100.000	65.25	-32.59	97.84	46.22	42.24	8.44	31.66	Peak

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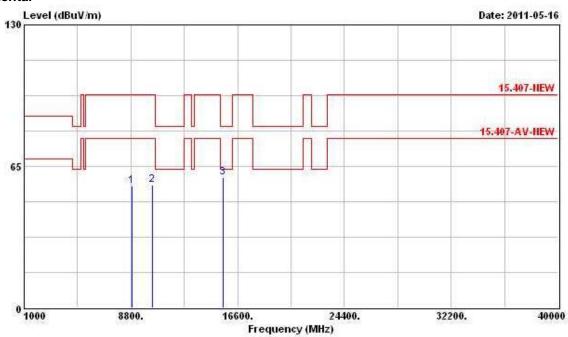


			Over	Limit	Readi	Intenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dВ	dB	
1	8925.000	55.23	-42.61	97.84	43.49	38.53	6.41	33.19	Peak
2 @	11400.000	58.20	-5.34	63.54	43.72	39.76	7.31	32.59	PK
3	17100.000	65.43	-32.41	97.84	46.40	42.24	8.44	31.66	Peak

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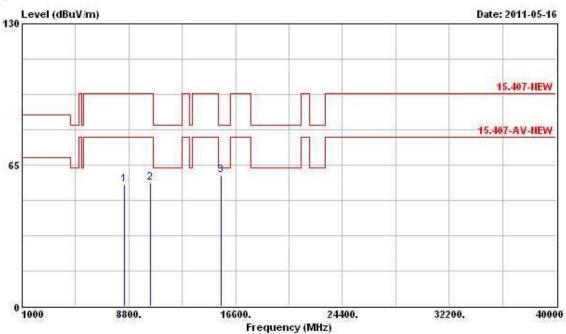
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 38 (40MHz) MCS0 (Ant. A)



	Freq	Freq Level				ReadAntenna Level Factor			
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	₫В	15
1	8892.000	55.83	-42.01	97.84	44.09	38.51	6.41	33.18	Peak
2	10380.000	56.52	-41.32	97.84	43.04	39.55	6.93	33.00	Peak
3 @	15570.000	59.80	-3.74	63.54	45.97	38.39	7.92	32.48	PK

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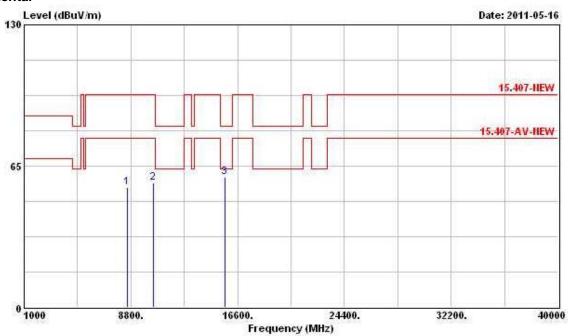


5	Freq Lev		Line	Level	Factor		Factor	Remark
	dBuV/m	dB						
8474.000	56.22	-21.62	77.84	44.67	38.18	6.42	33.05	PK
10380.000	56.91	-40.93	97.84	43.43	39.55	6.93	33.00	Peak
15570.000	60.17	-3.37	63.54	46.34	38.39	7.92	32.48	PK
	MHz 8474.000 10380.000	MHz dBuV/m 8474.000 56.22 10380.000 56.91	### Hevel Limit MHz dBuV/m dB	### Hevel Limit Line MHz dBuV/m dB dBuV/m	### Hevel Limit Line Level MHz dBuV/m dB dBuV/m dBuV	### Here Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB474.000 56.22 -21.62 77.84 44.67 38.18 10380.000 56.91 -40.93 97.84 43.43 39.55	### Here Level Limit Line Level Factor Loss	8474.000 56.22 -21.62 77.84 44.67 38.18 6.42 33.05 10380.000 56.91 -40.93 97.84 43.43 39.55 6.93 33.00

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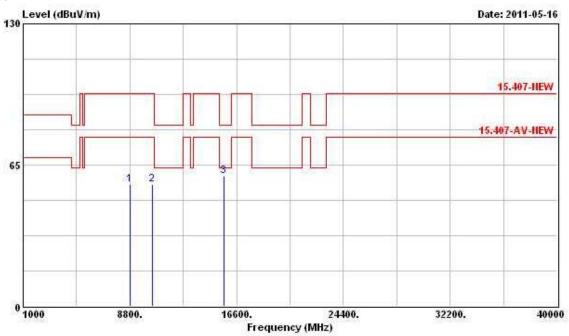
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 46 (40MHz) MCS0 (Ant. A)



			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dВ	
1	8562.000	55.25	-42.59	97.84	43.65	38.25	6.42	33.08	Peak
2	10460.000	57.12	-40.72	97.84	43.59	39.52	6.94	32.93	Peak
3 @	15690.000	59.67	-3.87	63.54	46.09	38.20	7.92	32.53	PK

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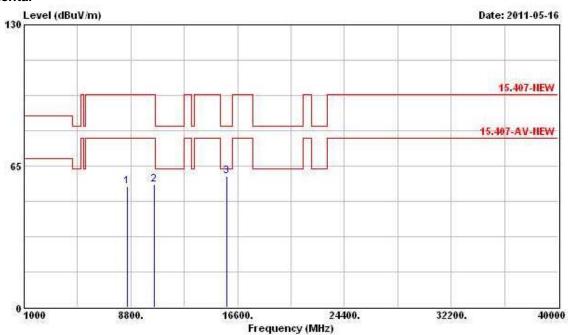


					Antenna Factor			Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	1
8793.000	56.05	-41.79	97.84	44.37	38.43	6.41	33.15	Peak
10460.000	55.88	-41.96	97.84	42.35	39.52	6.94	32.93	Peak
15690.000	59.91	-3.63	63.54	46.33	38.20	7.92	32.53	PK
	8793.000 10460.000	8793.000 56.05 10460.000 55.88	8793.000 56.05 -41.79 10460.000 55.88 -41.96	8793.000 56.05 -41.79 97.84 10460.000 55.88 -41.96 97.84	8793.000 56.05 -41.79 97.84 44.37 10460.000 55.88 -41.96 97.84 42.35	8793.000 56.05 -41.79 97.84 44.37 38.43 10460.000 55.88 -41.96 97.84 42.35 39.52	8793.000 56.05 -41.79 97.84 44.37 38.43 6.41 10460.000 55.88 -41.96 97.84 42.35 39.52 6.94	8793.000 56.05 -41.79 97.84 44.37 38.43 6.41 33.15 10460.000 55.88 -41.96 97.84 42.35 39.52 6.94 32.93

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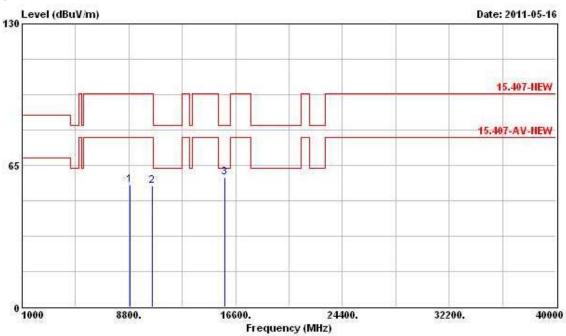
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 54 (40MHz) MCS0 (Ant. A)



			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	ав	dВ	
1	8573.000	55.52	-42.32	97.84	43.92	38.25	6.42	33.08	Peak
2	10540.000	56.33	-41.51	97.84	42.76	39.48	6.97	32.88	Peak
3 @	15810.000	60.29	-3.25	63.54	46.95	38.00	7.92	32.58	PK

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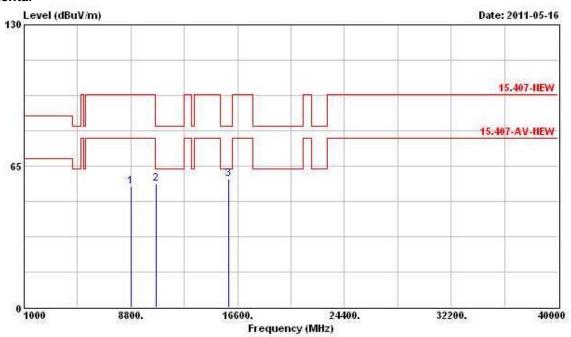


				Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dВ	dBuV/m	dBuV	dB/m	ав	dB	ri.
1	8881.000	55.96	-41.88	97.84	44.22	38.51	6.41	33.18	Peak
2	10540.000	55.79	-42.05	97.84	42.22	39.48	6.97	32.88	Peak
3 @	15810.000	59.65	-3.89	63.54	46.31	38.00	7.92	32.58	PK

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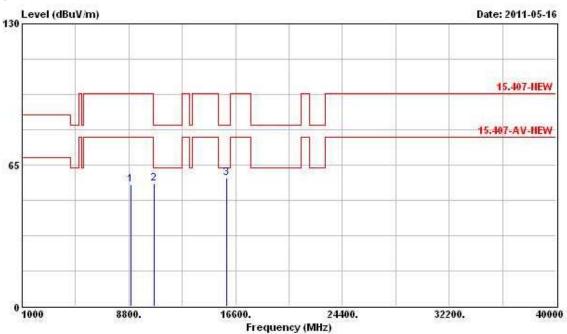
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 62 (40MHz) MCS0 (Ant. A)



		Over	Limit	Readi	Antenna		Preamp	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	V dB/m	ав	dВ	
8782.000	55.56	-42.28	97.84	43.87	38.43	6.41	33.14	Peak
10620.000	56.77	-6.77	63.54	43.16	39.43	7.01	32.83	PK
15930.000	59.04	-4.50	63.54	45.94	37.81	7.91	32.62	PK
	MHz 8782.000 10620.000	MHz dBuV/m 8782.000 55.56 10620.000 56.77	Freq Level Limit MHz dBuV/m dB 8782.000 55.56 -42.28 10620.000 56.77 -6.77	### Freq Level Limit Line MHz dBuV/m dB dBuV/m 8782.000 55.56 -42.28 97.84 10620.000 56.77 -6.77 63.54	### Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV	### Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m 8782.000 55.56 -42.28 97.84 43.87 38.43 10620.000 56.77 -6.77 63.54 43.16 39.43	### Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB	8782.000 55.56 -42.28 97.84 43.87 38.43 6.41 33.14 10620.000 56.77 -6.77 63.54 43.16 39.43 7.01 32.83

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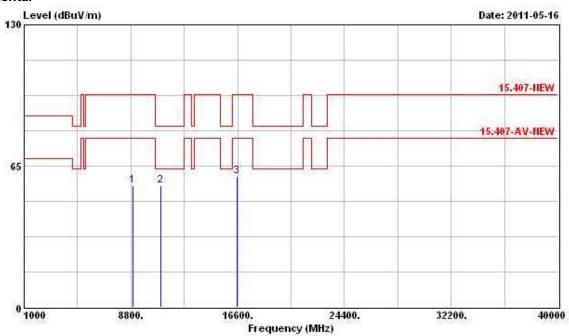


	Freq	Freq	Freq	Freq	Freq	Level				Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	r.				
1	8969.000	56.23	-41.61	97.84	44.46	38.57	6.40	33.21	Peak				
2	10620.000	56.62	-6.92	63.54	43.01	39.43	7.01	32.83	PK				
3 @	15930.000	58.86	-4.68	63.54	45.76	37.81	7.91	32.62	PK				

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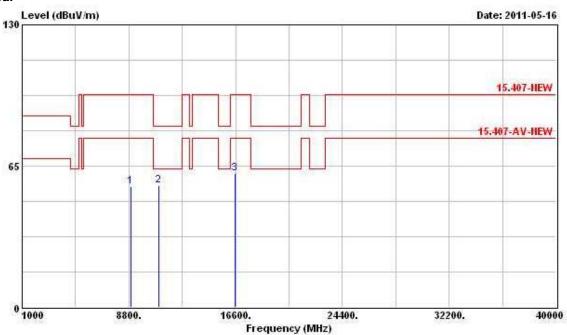
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 102 (40MHz) MCS0 (Ant. A)



			0ver	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	el Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8969.000	56.01	-41.83	97.84	44.24	38.57	6.40	33.21	Peak
2	11020.000	55.81	-7.73	63.54	41.98	39.22	7.22	32.62	PK
3	16530.000	60.39	-37.45	97.84	46.02	38.69	7.90	32.23	Peak

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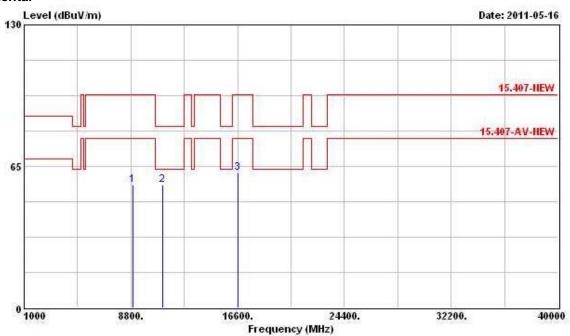


	Freq	Level	Level Limit		Level		Loss		Remark
	MHz	dBuV/m		dBuV/m					
1	8925.000	55.54	-42.30	97.84	43.80	38.53	6.41	33.19	Peak
2	11020.000	55.84	-7.70	63.54	42.01	39.22	7.22	32.62	PK
3	16530.000	61.70	-36.14	97.84	47.33	38.69	7.90	32.23	Peak

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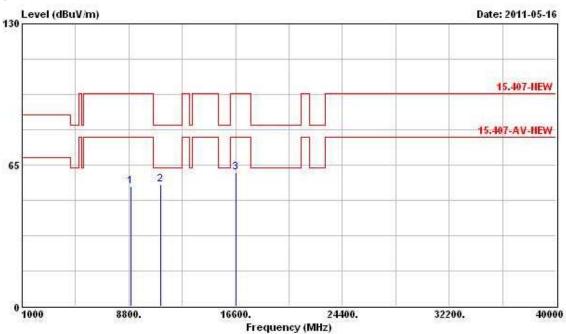
Final Test Date	May 16, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 110 (40MHz) MCS0 (Ant. A)



	Freq	Over Level Limit			Mntenna Factor			Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	r.E
1	8958.000	56.44	-41.40	97.84	44.68	38.56	6.40	33.20	Peak
2	11100.000	56.54	-7.00	63.54	42.57	39.34	7.24	32.61	PK
3	16650.000	61.92	-35.92	97.84	46.58	39.37	8.03	32.06	Peak

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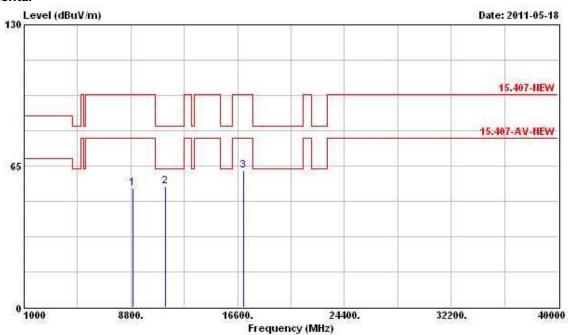


	Level	510330153	Line	Level	Factor		Factor	Remark
	dBuV/m	dB						
8947.000	55.13	-42.71	97.84	43.38	38.55	6.40	33.20	Peak
11100.000	55.89	-7.65	63.54	41.92	39.34	7.24	32.61	PK
16650.000	61.77	-36.07	97.84	46.43	39.37	8.03	32.06	Peak
	MHz 8947.000 11100.000	MHz dBuV/m 8947.000 55.13 11100.000 55.89	### Hevel Limit MHz dBuV/m dB	### Reserved Limit Line	### Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV	Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB dBuV/m dBuV dB/m 8947.000 55.13 -42.71 97.84 43.38 38.55 11100.000 55.89 -7.65 63.54 41.92 39.34	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB/m dB 8947.000 55.13 -42.71 97.84 43.38 38.55 6.40 11100.000 55.89 -7.65 63.54 41.92 39.34 7.24	Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 8947.000 55.13 -42.71 97.84 43.38 38.55 6.40 33.20 11100.000 55.89 -7.65 63.54 41.92 39.34 7.24 32.61

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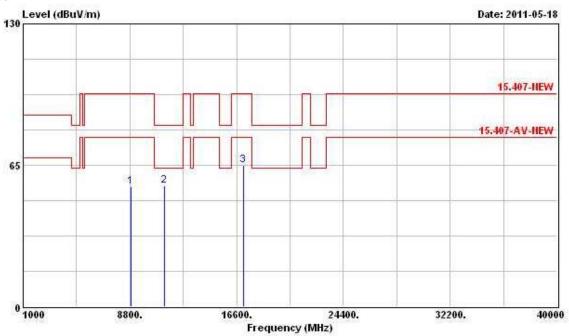
Final Test Date	May 18, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 134 (40MHz) MCS0 (Ant. A)



			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	el Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8925.000	54.59	-43.25	97.84	42.85	38.53	6.41	33.19	Peak
2	11340.000	55.74	-7.80	63.54	41.37	39.67	7.29	32.59	PK
3	17010.000	63.06	-34.78	97.84	44.82	41.46	8.42	31.64	Peak

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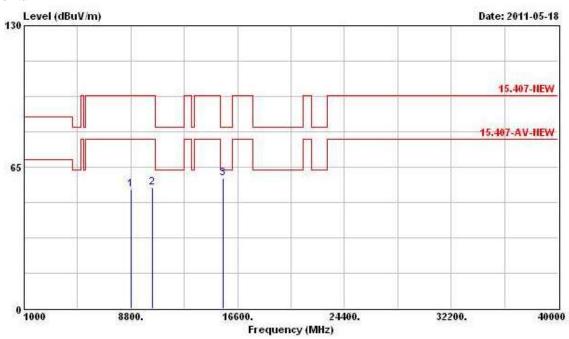


			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Freq Level	Limit	Line	Level	Factor	r Loss Factor m dB dB	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	uV dB/m		dB	
1	8914.000	55.29	-42.55	97.84	43.54	38.53	6.41	33.19	Peak
2	11340.000	55.75	-7.79	63.54	41.38	39.67	7.29	32.59	PK
3	17101.000	65.11	-32.73	97.84	46.08	42.24	8.44	31.66	Peak

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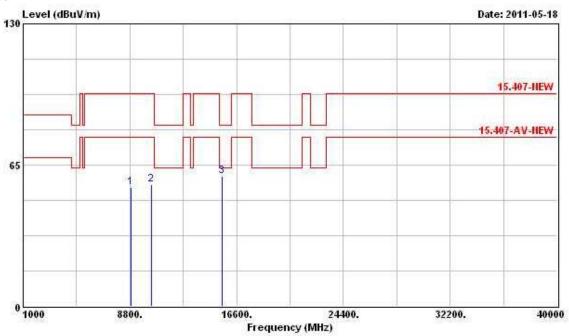
Final Test Date	May 18, 2011	Test Site No.	03CH03-HY
Temperature	23℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 36 (20MHz) MCS8 (Ant. A + Ant. B)



	Freq	Level	Over Limit	TO THE PARTY OF THE		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	ав	•
1	8793.000	54.64	-43.20	97.84	42.96	38.43	6.41	33.15	Peak
2	10360.000	55.43	-42.41	97.84	41.97	39.55	6.93	33.02	Peak
3 @	15540.000	60.03	-3.51	63.54	46.14	38.44	7.92	32.47	PK

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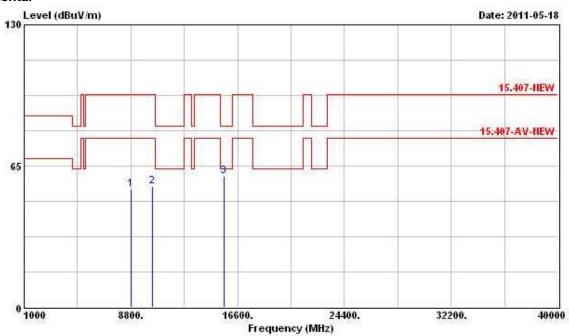


	Freq	Level				Antenna Factor			Remark
)OH 2	dBuV/m d	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8870.000	54.80	-43.04	97.84	43.08	38.49	6.41	33.18	Peak
2	10360.000	56.07	-41.77	97.84	42.61	39.55	6.93	33.02	Peak
3 @	15540.000	59.79	-3.75	63.54	45.90	38.44	7.92	32.47	PK

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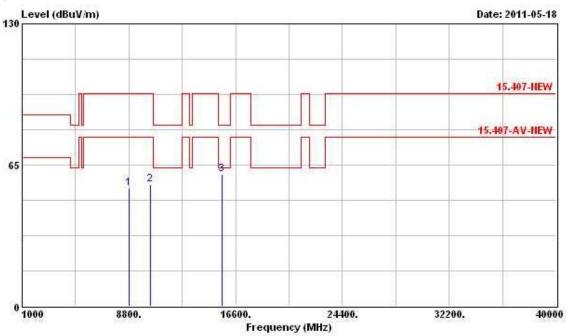
Final Test Date	May 18, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 40 (20MHz) MCS8 (Ant. A + Ant. B)



Freq		Over	Limit	Readi	Antenna	Cable	Preamp		
	Freq	Freq	Level	Limit	Line	Level	Factor	Loss	Factor
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	<u>ав</u>	dВ		
8793.000	54.47	-43.37	97.84	42.79	38.43	6.41	33.15	Peak	
0400.000	55.72	-42.12	97.84	42.22	39.54	6.93	32.98	Peak	
5600.000	60.28	-3.26	63.54	46.53	38.33	7.92	32.50	PK	
	MHz 8793.000 0400.000	MHz dBuV/m 8793.000 54.47 0400.000 55.72	Freq Level Limit MHz dBuV/m dB 8793.000 54.47 -43.37 0400.000 55.72 -42.12	Freq Level Limit Line MHz dBuV/m dB dBuV/m 8793.000 54.47 -43.37 97.84 0400.000 55.72 -42.12 97.84	Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV 8793.000 54.47 -43.37 97.84 42.79 0400.000 55.72 -42.12 97.84 42.22	### Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m	### Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB	Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 8793.000 54.47 -43.37 97.84 42.79 38.43 6.41 33.15 0400.000 55.72 -42.12 97.84 42.22 39.54 6.93 32.98	

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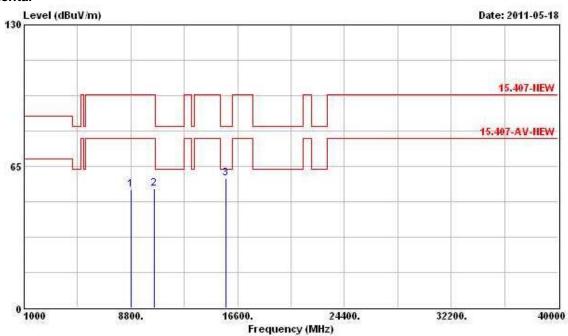


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	1
1	8782.000	54.49	-43.35	97.84	42.80	38.43	6.41	33.14	Peak
2	10400.000	56.10	-41.74	97.84	42.60	39.54	6.93	32.98	Peak
3 @	15600.000	60.53	-3.01	63.54	46.78	38.33	7.92	32.50	PK

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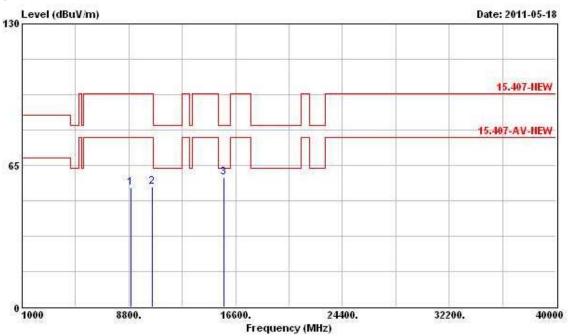
Final Test Date	May 18, 2011	Test Site No.	03CH03-HY
Temperature	23 ℃	Humidity	55%
Test Engineer	Streak	Configuration	802.11n Ch. 48 (20MHz) MCS8 (Ant. A + Ant. B)



	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	Fig. 1
1	8782.000	54.43	-43.41	97.84	42.74	38.43	6.41	33.14	Peak
2	10480.000	54.75	-43.09	97.84	41.21	39.51	6.94	32.91	Peak
3 @	15720.000	59.52	-4.02	63.54	46.00	38.14	7.92	32.54	PK

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			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level Limit	Line Le	Level	Level Factor		Factor	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8925.000	54.70	-43.14	97.84	42.96	38.53	6.41	33.19	Peak
2	10480.000	55.03	-42.81	97.84	41.49	39.51	6.94	32.91	Peak
3 @	15720.000	59.53	-4.01	63.54	46.01	38.14	7.92	32.54	PK

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